

CORTIZO

Sistema PVC / PVC System

› A 70
ABISAGRADA
HINGED

SISTEMAS DE ALUMINIO Y PVC PARA LA ARQUITECTURA
ARCHITECTURAL ALUMINIUM AND PVC SYSTEMS

VERSIÓN 24.03.01

1. PERFILES

- Se añaden los siguientes perfiles: 12225, 12235 y 12255.
- Se actualizan los siguientes perfiles: 12221, 12231 y 12251.

2. ACCESORIOS

- Se añaden los siguientes accesorios: 420315/16, 420325/26, 420335/36, 420345/46, 420355/56, 420365/66, 420375/76.

3. NUDOS CONSTRUCTIVOS

- Se actualiza el perfil 13401.

4. SECCIONES DE DESPIECE

- Se sustituye la pieza 351292/93 por el conjunto 381295/96 y 401200.

5. DETALLES DE FABRICACIÓN

- Se añade detalle de unión puerta con fijo lateral.
- Se corrige la referencia 371382 por 381382.

1. PROFILES

- The following profiles are added: 12225, 12235 and 12255.
- The following profiles are updated: 12221, 12231 and 12251.

2. ACCESSORIES

- The following accessories are added: 420315/16, 420325/26, 420335/36, 420345/46, 420355/56, 420365/66, 420375/76.

3. CONSTRUCTIVES SECTIONS

- Profile 13401 is updated.

4. CUTTING PIECE SECTIONS

- The 351292/93 part is replaced by the 381295/96 and 401200 set.

5. FABRICATION DETAILS

- Added details of door with lateral fixed.
- Fixed the reference 371382 by 381382.

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AVIS TECHNIQUE

AVISO IMPORTANTE: El corte, soldado y limpieza de los perfiles ha de hacerse en temperaturas superiores a 10º, ya que en temperaturas inferiores el perfil plástico se resiente, cristaliza y rompe con mayor facilidad, al igual que el foliado.

IMPORTANT NOTICE: The cutting, welding and cleaning of the profiles must be done at temperatures above 10º, since at lower temperatures the plastic profile suffers, crystallizes and breaks more easily, just like the foliate.

A 70
ACHAFLANADA / CHAMFERED SASH



A 70
CURVA / CURVED SASH





Sistema PVC / PVC System

› A 70 ABISAGRADA / HINGED

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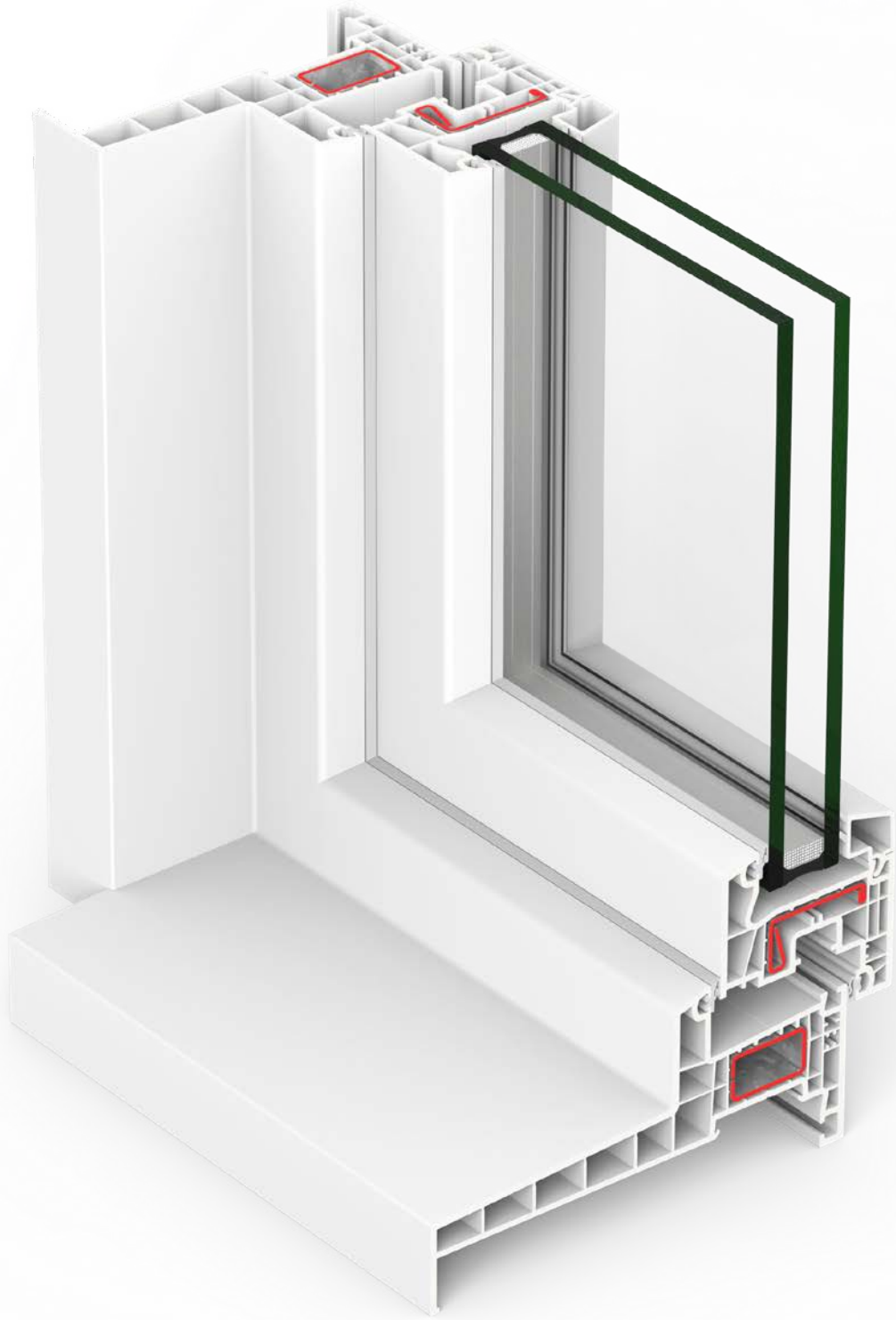
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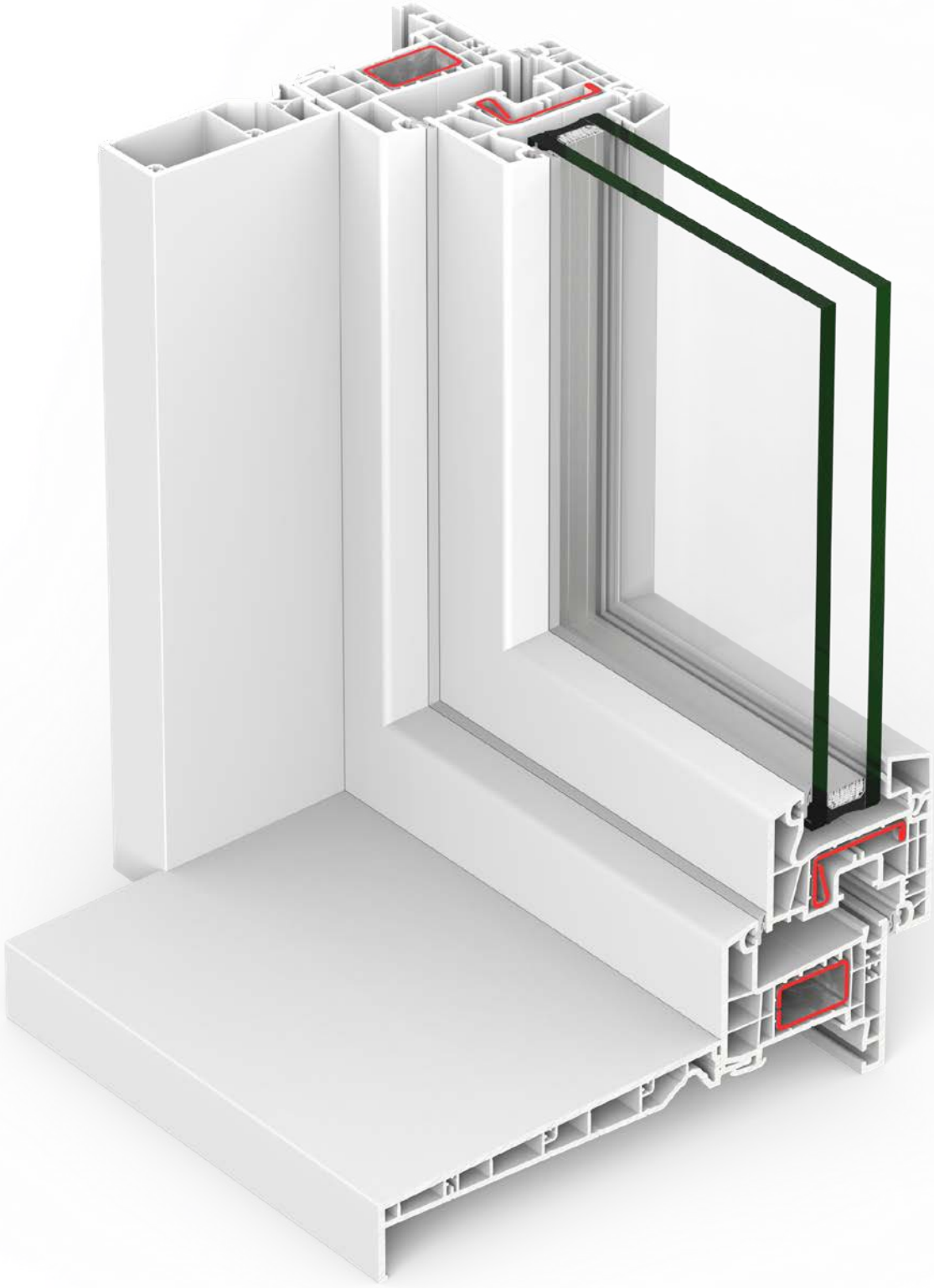
MONOBLOC
MONOBLOCK

› A 70



TAPÉ
CAP

› A 70



Los sistemas de ventanas CORTIZO están disponibles, además de en blanco, en una amplia gama de texturas madera y colores en continuo desarrollo.

La aplicación de texturas madera y colores se realiza mediante el recubrimiento del perfil base con un folio termosoldable de alta resistencia a la radiación solar, garantizándose así un perfecto y duradero acabado.

Apart from white, the CORTIZO windows systems are available in a wide range of wood textures and colours in constant development.

The application of wood textures and colours is carried out by coating the base profile with a thermoweldable sheet, highly resistant to solar radiation, thus ensuring a perfect and long-lasting finish.

COLOR / COLOUR	REFERENCIA REFERENCE	SIMILAR A SIMILAR TO
Abeto / Fir Wood	40	
Antracita Metalizado / Metallic Anthracite	8	RAL 7016
Azul Acero / Steel Blue	34	RAL 5011
Azul Brillante / Brilliant Blue	31	RAL 5007
Blanco / White		
Blanco Crema / Cream White	33	RAL 9001
Blanco Foliado / Foliated White	1	RAL 9010
Blanco Ultramate / Ultramatt White	62	RAL 9016
Bronce / Bronze	10	
Caoba / Mahogany	3	RAL 8015
Cuarzo Ultramate / Ultramatt Quartz	63	RAL 7039
Gris Ágata / Agate Grey	38	RAL 7044
Gris Antracita / Anthracite Grey	17	RAL 7016
Gris Antracita Ultramate / Ultramatt anthracite grey	65	RAL 7016
Gris Claro / Light Grey	14	RAL 7035
Gris Liso / Plain Grey	15	RAL 7016
Gris Mate / Matt Grey	50	RAL 7016
Gris Plata / Silver Grey	35	RAL 7001
Kitami Oscuro / Dark Kitami	60	
Marrón Claro / Light Brown	27	RAL 8017
Marrón Mate / Matt Brown	29	RAL 8014
Marrón Oscuro / Dark Brown	21	RAL 8022
Marrón Ultramate / Ultramatt Brown	64	RAL 7022
Negro Mate / Matt Black	52	RAL 9005
Negro Ultramate / Ultramatt Black	66	RAL 9011
Nogal / Walnut Wood	12	RAL 8007
Ocre Metalizado / Metallic Ochre	11	RAL DB 703
Oro / Gold	82	RAL 1036
Pino Veteado / Grained Pine Wood	43	RAL 8023
Plata Aluminio / Aluminium Silver	7	RAL 9023
Roble Claro / Light Oak Wood	6	RAL 1001
Roble Dorado / Golden Oak Wood	9	
Roble Malta Woodec / Woodec Malt Oak Wood	41	
Roble Newcastle / Newcastle Oak Wood	44	RAL 1011
Roble Oscuro / Dark Oak Wood	5	RAL 8028
Roble Rústico / Rustic Oak Wood	4	RAL 8008
Roble Toffee Woodec / Turner Oak Toffe	61	
Rojo Vino / Red Wine	22	RAL 3005
Sapelly / Sapelly	83	RAL 8003
Sheffield Claro / Light Sheffield	25	RAL 7032
Sheffield Oscuro / Dark Sheffield	26	RAL 7006
Verde Mate / Matt Green	51	RAL 6009
Verde Musgo / Moss Green	28	RAL 6005
Verde Pino / Pine Green	16	RAL 6009
Walnuss Nogal / Walnut Walnuss Wood	20	RAL 8028

COLORES ESTÁNDAR / STANDARD COLOURS

2 CARAS / 2 FACES







1 CARA / 1 FACE





COLORES ESPECIALES / SPECIAL COLOURS





































































ULTRA PERFORMANCE / ULTRA PERFORMANCE



NOTA: Consultar “CARTA DE COLORES Y ACABADOS” para una mayor concreción del color y la textura. Consultar precio por color.
NOTE: Check “COLOURS AND FINISHES LIST” for greater specificity of the colour and the texture. Check price per colour.

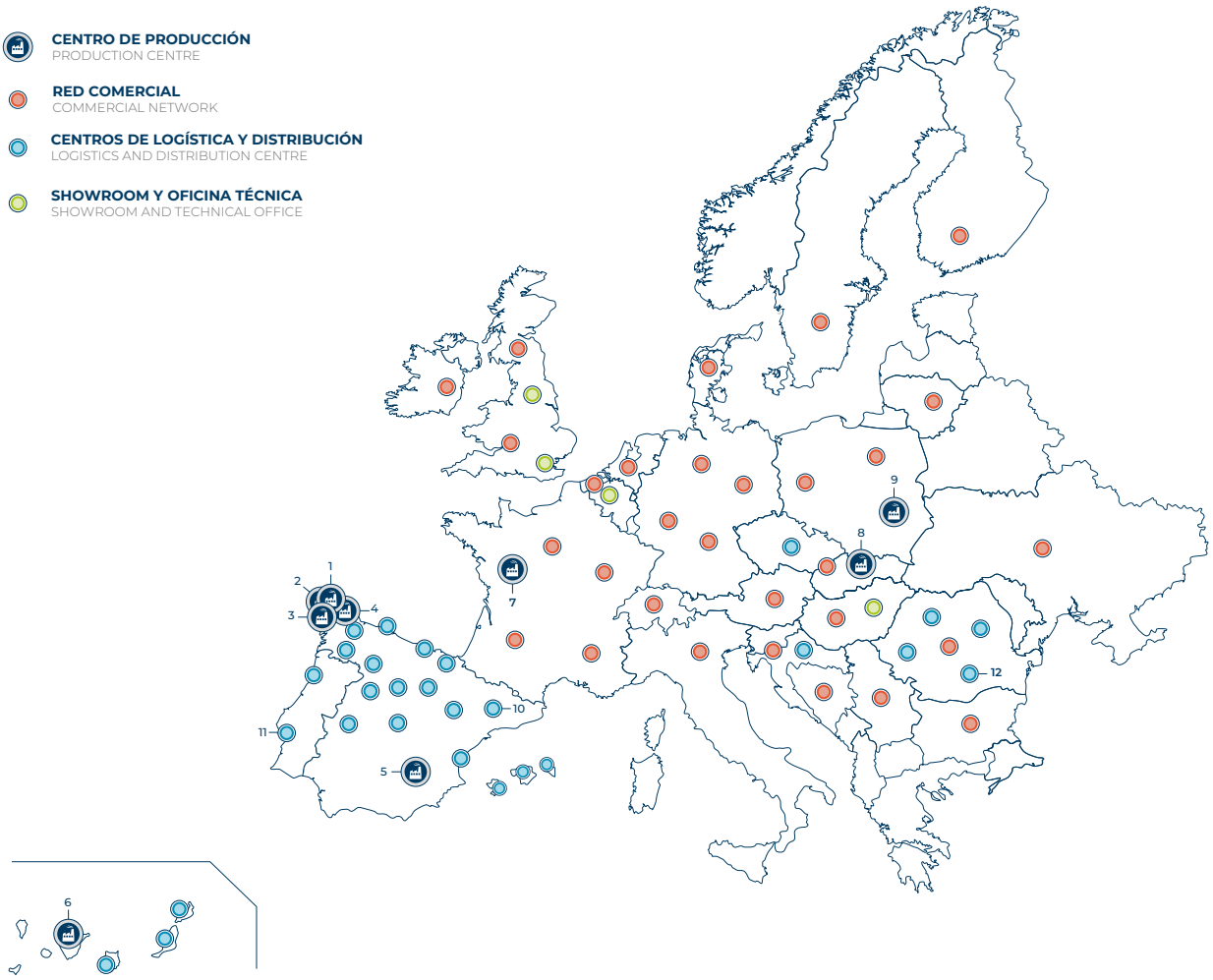
CENTROS DE PRODUCCIÓN CORTIZO / CORTIZO PRODUCTION CENTRES

CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE

RED COMERCIAL
COMMERCIAL NETWORK

CENTROS DE LOGÍSTICA Y DISTRIBUCIÓN
LOGISTICS AND DISTRIBUTION CENTRE

SHOWROOM Y OFICINA TÉCNICA
SHOWROOM AND TECHNICAL OFFICE



1 CORTIZO PADRÓN
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



2 / 3 CORTIZO PVC-STAC PADRÓN
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



4 CORTIZO COIRÓS
CENTRO DE RECICLAJE
RECYCLING CENTRE



5 CORTIZO MANZANARES
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



6 CORTIZO CANARIAS / CANARY ISLANDS
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



7 CORTIZO FRANCIA / FRANCE
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



8 CORTIZO ESLOVAQUIA / SLOVAKIA
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



9 CORTIZO POLONIA / POLAND
CENTRO DE PRODUCCIÓN
PRODUCTION CENTRE



10 CORTIZO CATALUÑA / CATALONIA
CENTRO DE LOGÍSTICA
LOGISTICS CENTRE

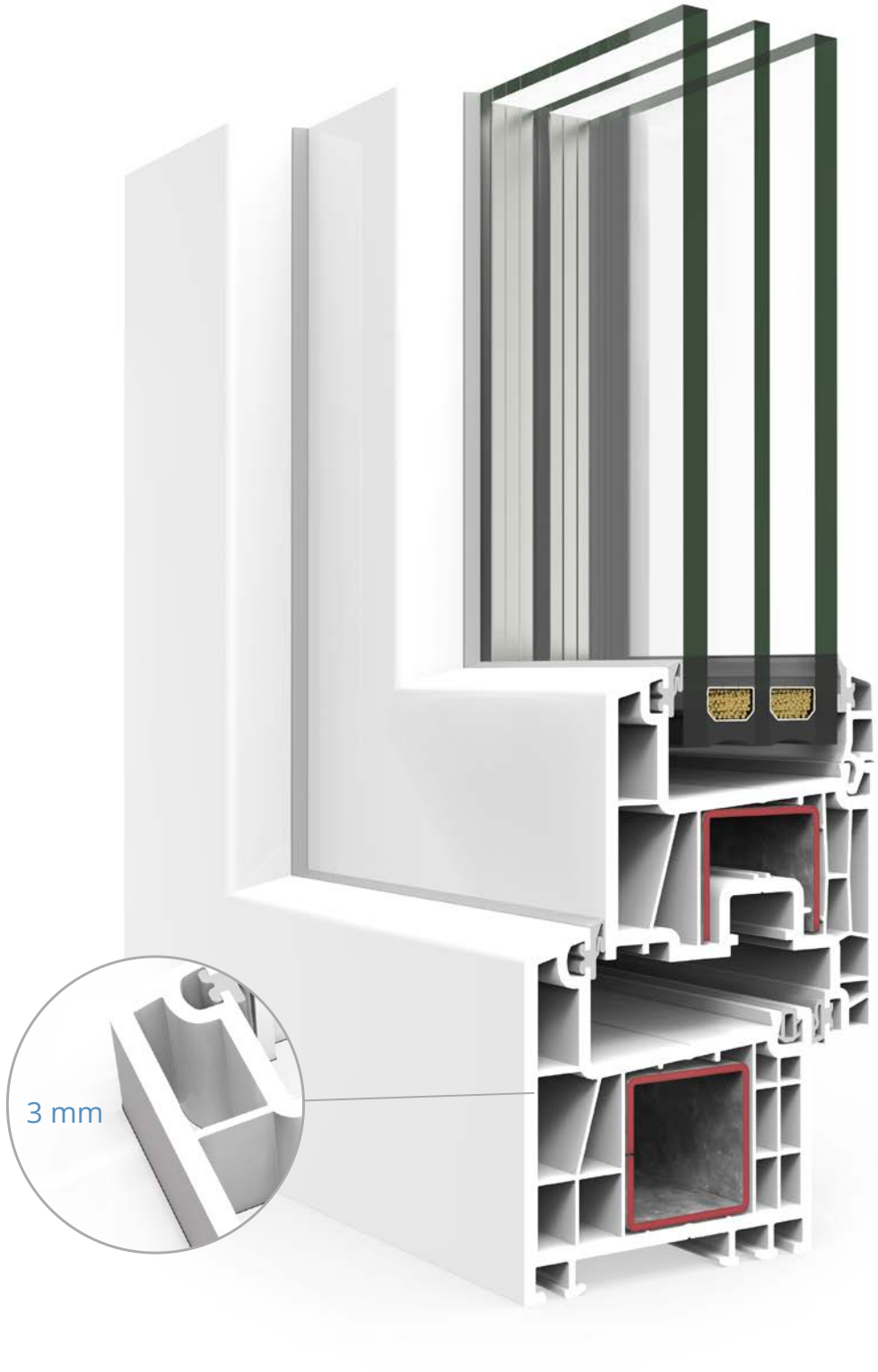


11 CORTIZO LISBOA / LISBON
CENTRO DE LOGÍSTICA
LOGISTICS CENTRE



12 CORTIZO BUCAREST / BUCHAREST
CENTRO DE LOGÍSTICA
LOGISTICS CENTRE





Espesor paredes principales
Main walls thickness

Clase/Class A

3 mm

Zonas climáticas
Climatic zones

Clase/Class S

7 partes de dióxido de titanio
Resistencia máxima a la incidencia solar

7 Parts of titanium dioxide.
Maximum resistance to solar incidence

Resistencia al impacto
Impact resistance

Clase/Class II

Dureza máxima del perfil
Maximum profile hardness

Muestra ensayada por / Sample tested by
ALUMINIOS CORTIZO S.A.U.

CORTIZO
TECHNOLOGICAL CENTRE
CENTRO TECNOLÓGICO

Transmitancia / Transmittance

$U_w \geq$ **0,9** (W/m²K)

Consultar tipología, dimensión y vidrio.
Consult typology, dimensions and glass.

Aislamiento acústico / Acoustic insulation

Máximo acristalamiento Maximum glazing	**Max. 42 mm / Min. 4 mm**
Máximo aislamiento acústico Maximum accoustic insulation	**Rw = 46 dB**

Secciones / Sections

Marco / Frame	70 mm
Hoja / Sash	70 / 80 mm

Posibilidad de estética: recta, achaflanada o curva
Junquillo: recto o curvo
Aesthetic possibilities: Straight, curved or chamfered
Bead: Straight or curved

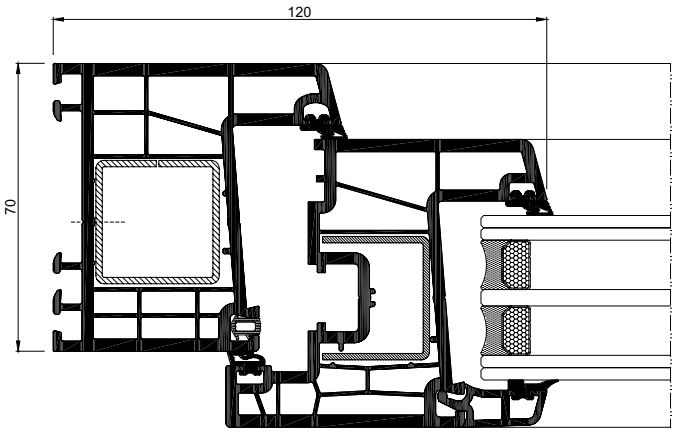
Posibilidad de incorporar / Possibility of incorporating
Alcover

Acabados / Finishes

Blanco / White
Color / Colour
Bicolor / Bicolor
Imitación madera / Imitation wood

Certificación DTA de laboratorio CSTB
DTA certification from CSTB lab

AVIS TECHNIQUE CCFAT



Categorías alcanzadas en banco de ensayos
Categories achieved at test centre

Permeabilidad al aire / Air permeability
(UNE-EN 12207): Clase / Class 4
Estanqueidad al agua / Water tightness
(UNE-EN 12208): Clase / Class E1800
Resistencia al viento / Wind resistance
(UNE-EN 12210): Clase / Class C5

Ensayo de referencia ventana 1,23 x 1,48 m / 2 hojas.
Reference test 1,23 x 1,48 m / 2 sashes.

Posibilidades de apertura
Opening possibilities

Apertura interior: practicable, oscilo-batiente, oscilo-paralela, abatible y plegable.

Apertura exterior: practicable (puerta)

Inward Opening: side hung, tilt & turn, bi-fold tilt & parallel, bottom hung

Outward Opening: Side hung (Door)

Dimensiones máximas hoja
Maximum dimensions/sash

VENTANA / WINDOW
Ancho / Width (L) = 360-1300 mm
Alto / Height (H) = 450-2300 mm

BALCONERA / BALCONY
Ancho / Width (L) = 360-1300 mm
Alto / Height (H) = 600-2400 mm

PUERTA / DOOR
Ancho / Width (L) = 700-1300 mm
Alto / Height (H)= 600-2500 mm

Consultar peso y dimensiones máximas según tipología.
Consult maximum weight and dimensions in accordance to typology.

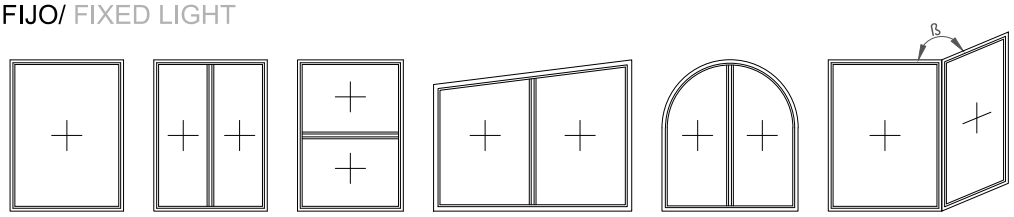
Peso máximo/hoja
Maximum weight/sash

130 kg Ventana / Window
130 Kg Balconera / Balcony
160 Kg Puerta / Door

Diego Piñeiro Janeiro
Director de I+D+i / R&D Manager

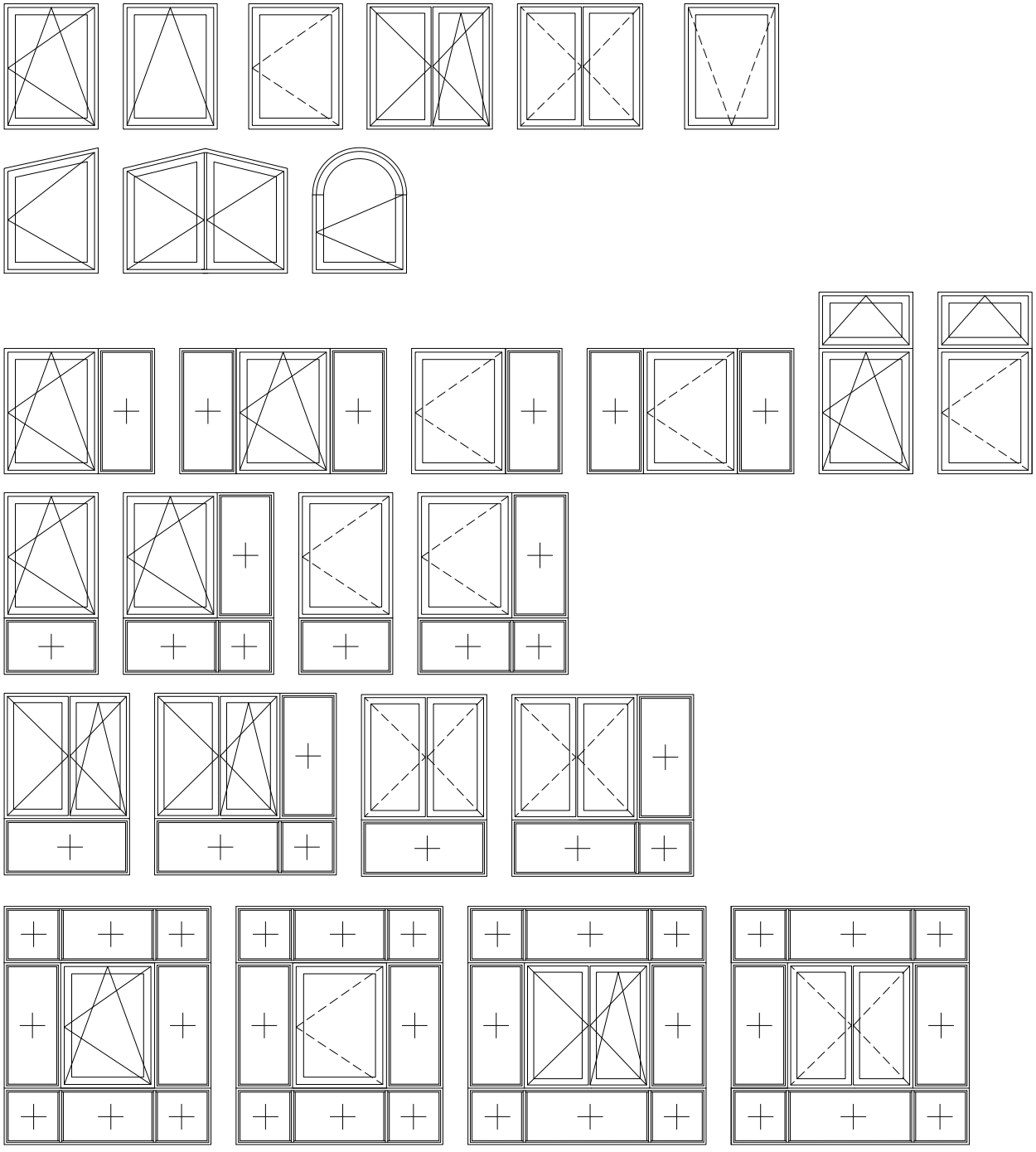
Este documento no es válido sin los correspondientes informes de ensayo. Estos resultados sólo se refieren a las muestras ensayadas por ALUMINIOS CORTIZO S.A.U. en sus instalaciones de Padrón (A Coruña - España) y no indican una característica de constancia en la calidad de la producción.
This document is not valid without the corresponding test reports. These reports only refer to the samples tested by ALUMINIOS CORTIZO S.A.U. in their installations in Padrón (A Coruña - Spain) and do not indicate a constant characteristic in production quality.

FIJO/ FIXED LIGHT



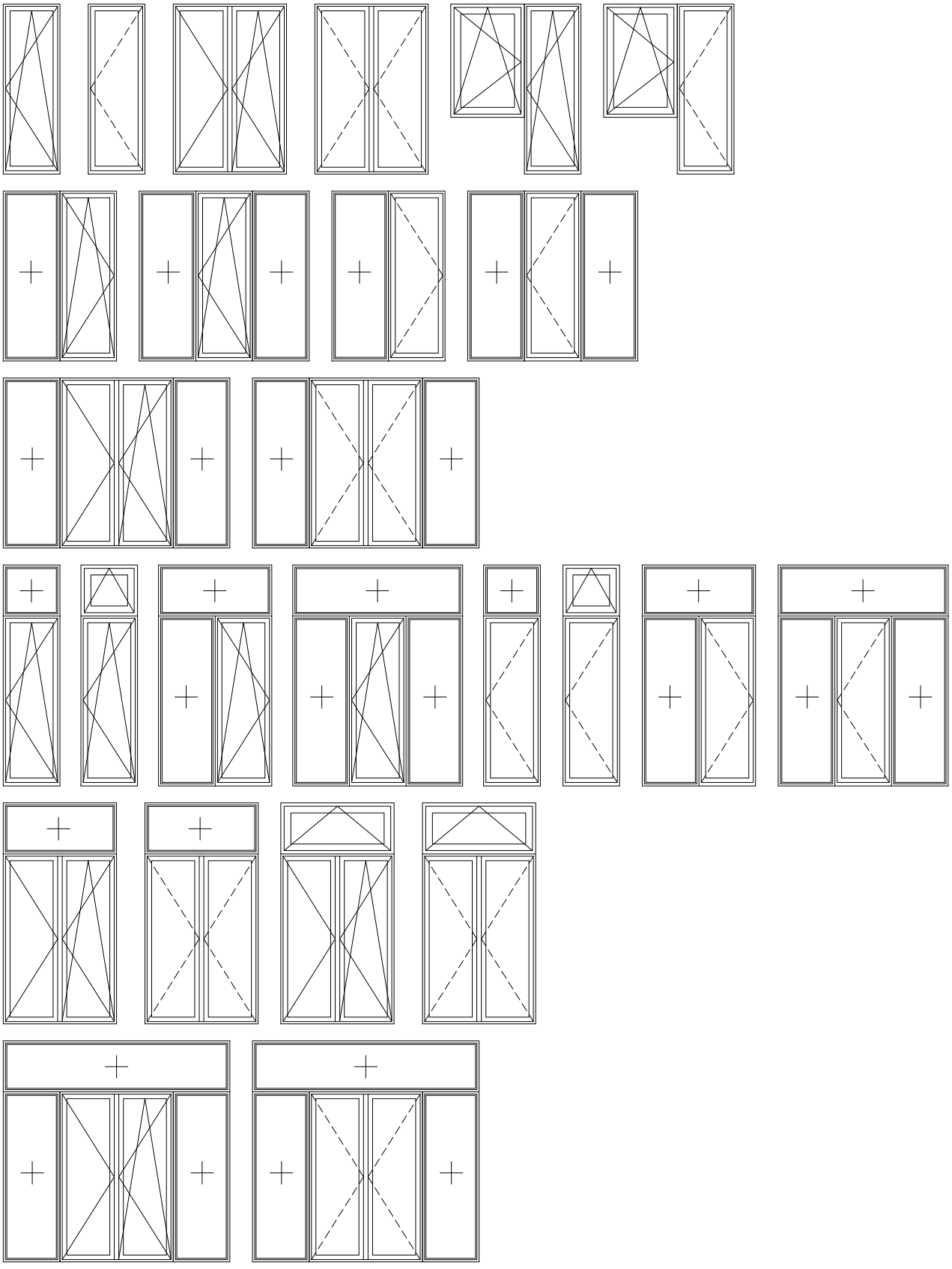
VENTANA/ WINDOWS

Apertura Practicable, Oscilo-Batiente, Abatible y Apertura Exterior/ Side hung opening, tilt-turn, tilt and outward opening



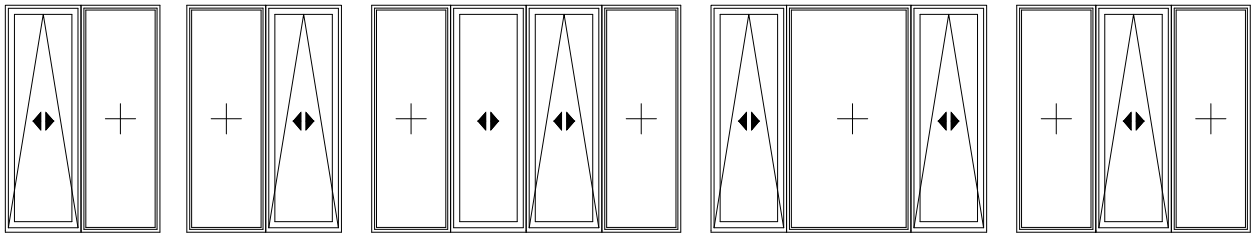
BALCONERA/ BALCONY

Apertura Practicable, Oscilo-Batiente y Apertura Exterior/ Side hung opening, tilt-turn and outward opening



BALCONERA/ BALCONY

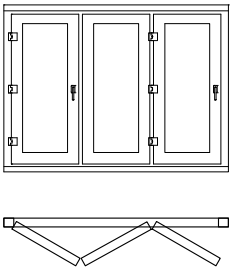
Apertura Oscilo-Paralela/ Parallel tilt opening



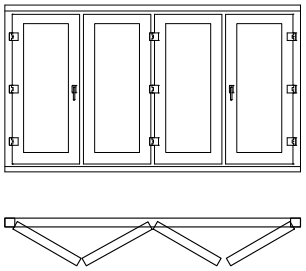
BALCONERA/ BALCONY

Apertura Plegable/ Bi-fold opening

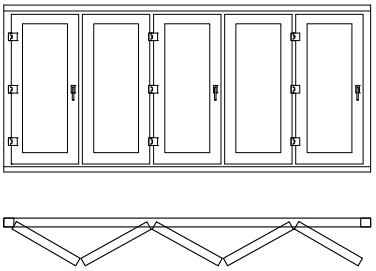
330 3 Hojas plegables/ bi-fold sashes
- Hoja de paso/ Main swing door



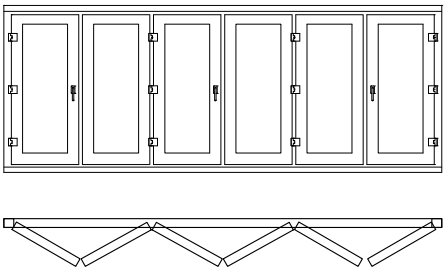
431 3 Hojas plegables/ bi-fold sashes
1 Hoja de paso/ Main swing door



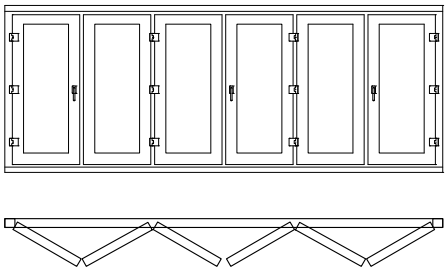
550 5 Hojas plegables/ bi-fold sashes
- Hoja de paso/ Main swing door



651 5 Hojas plegables/ bi-fold sashes
1 Hoja de paso/ Main swing door

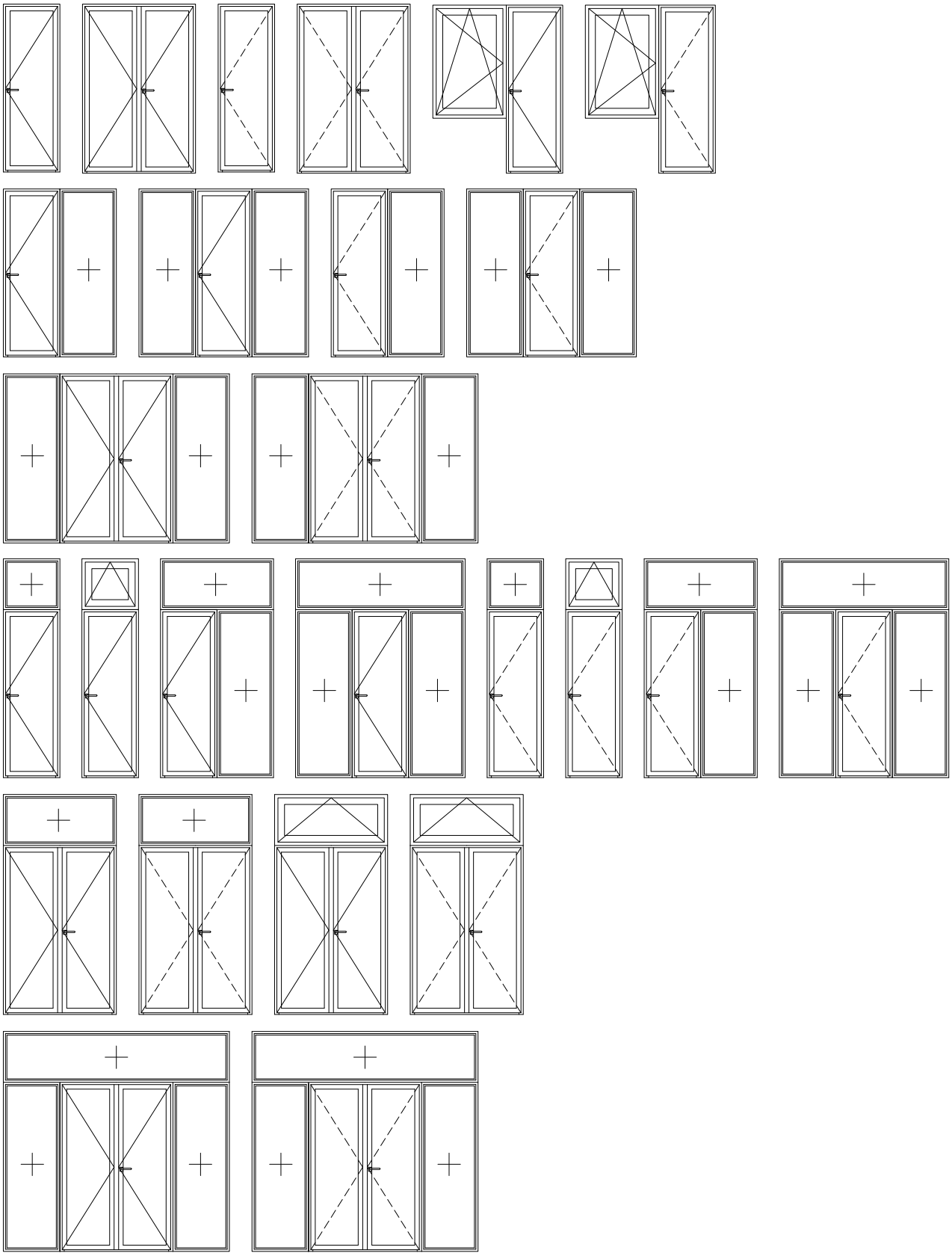


633 3+3 Hojas plegables/ bi-fold sashes
- Hoja de paso/ Main swing door



PUERTA/ DOOR

Apertura Interior y Apertura Exterior/ Inward opening and outward opening



PERFILES PVC - Relación con la junta de co-extrusión

Perfil en base **Blanco**	->	Junta en acabado color **Gris**
Perfil en base **Marrón**	->	Junta en acabado color **Negro**
Perfil en base **Caramelo**	->	Junta en acabado color **Caramelo**
Perfil en base **Gris Oscuro**	->	Junta en acabado color **Negro**

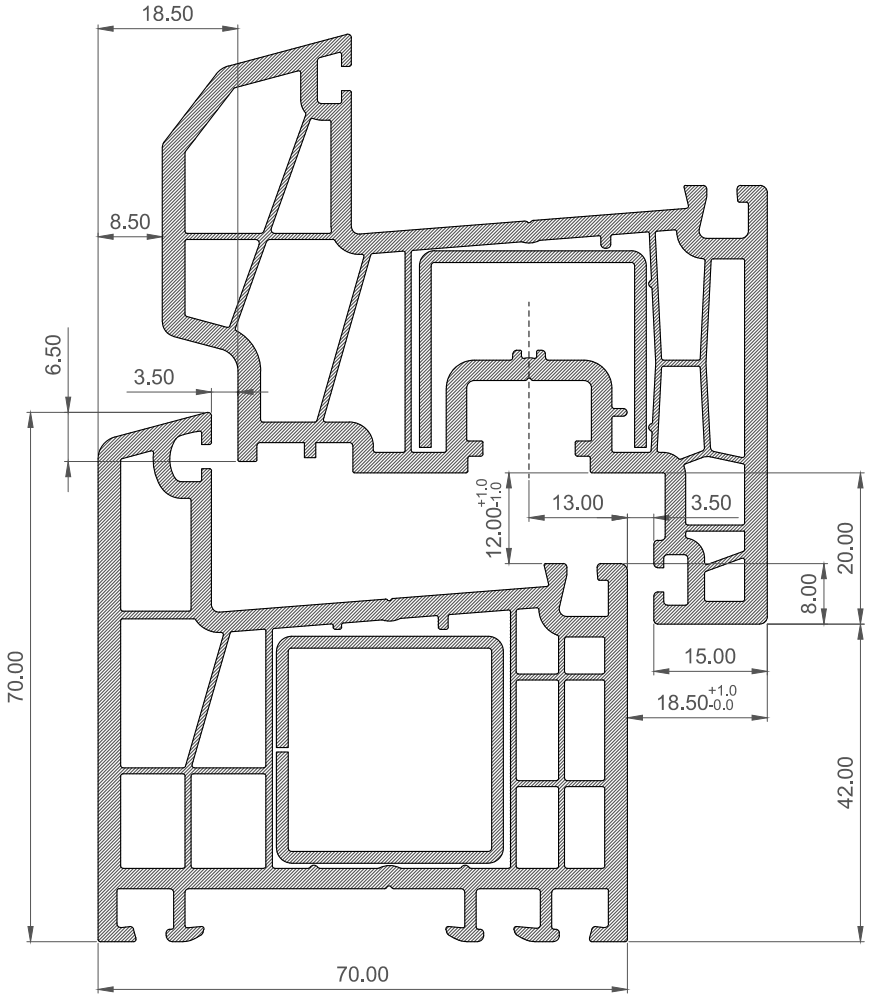
Nota: Excepción de color de la junta en las opciones de perfiles con foliado bicolor. Consultar

PVC PROFILES - Relationship with the co-extrusion gasket

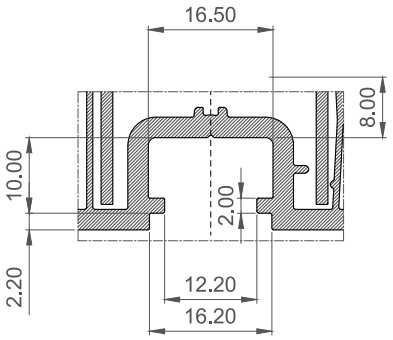
White base profile	->	Gasket in **Grey** colour finish
Brown base profile	->	Gasket in **Black** colour finish
Caramel based profile	->	Gasket in **Caramel** colour finish
Dark Grey base profile	->	Gasket in **Black** colour finish

Note: Gasket colour exception in the options of profiles with bicolour foliated. Consult

HOJA Y MARCO/ FRAME AND SASH 1:1



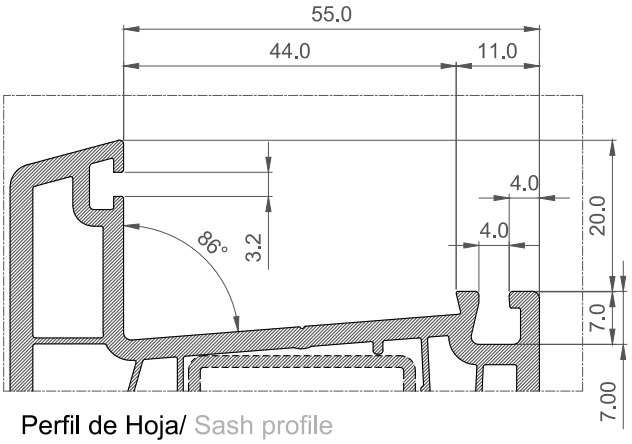
CANAL DE HOJA/ SASH GROOVE



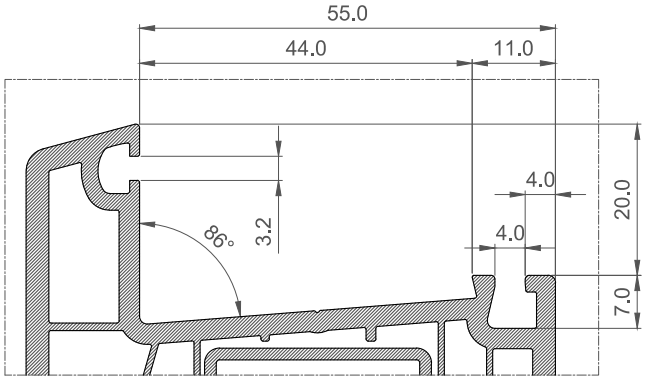
Nota: Para garantizar un correcto funcionamiento de la ventana, es necesario, entre otras cosas, que se mantenga la dimensión de cámara especificada de 12.00 ±1.00 mm.

Note: In order to ensure a correct window operation it is necessary, among other things, to keep the specified groove dimension of 12.00 ±1.00 mm.

GALCE/ DETAIL 1:1



Perfil de Hoja/ Sash profile

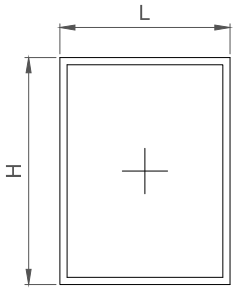


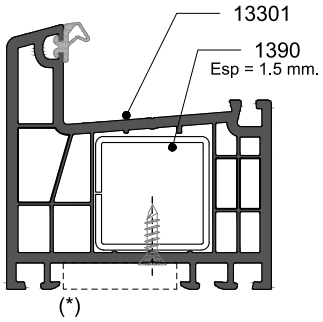
Perfil de Marco (Fijos)/ Frame profile (Fixed)

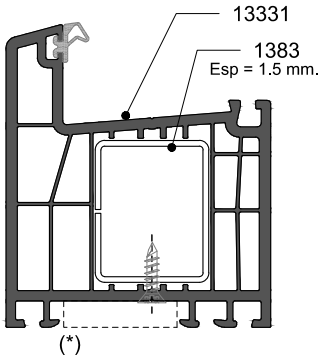
FIJOS/ FIXED LIGHT

1:2









	LxH máx.	L máx.	H máx.
Perfiles en Blanco White profiles	6,5 m²	4.000	2.500
Perfiles de Color Colour profiles	5,5 m²	3.500	2.500

PERFILES EN BLANCO
PROFILES IN WHITE

Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 50 kg
	1391		1,5	< 90 kg
	1387		1,5	< 100 kg
	1390		1,5	< 160 kg
13331				
	1383		1,5	< 160 kg

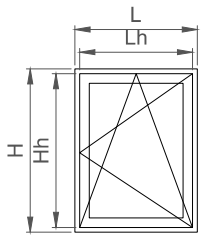
PERFILES EN COLOR
PROFILES IN COLOUR

Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 90 kg
	1391		1,5	< 100 kg
	1387		1,5	< 160 kg
	1390		1,5	
13331				
	1383		1,5	< 160 kg

Nota: *En la transmisión de cargas a la obra es recomendable situar una calza en la vertical de posición de los asientos del vidrio.*
Note: In the loads transmission to the work, it is recommended to place a wedge vertically in the glass wedges position.
(*)

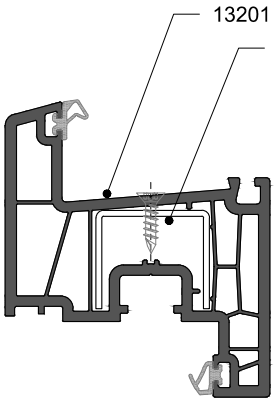
VENTANA - APERTURA INTERIOR - 1 HOJA/ WINDOWS - INWARD OPENING - 1 SASH

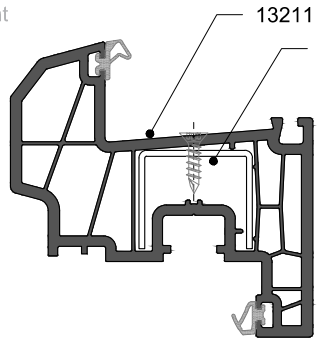
1:2



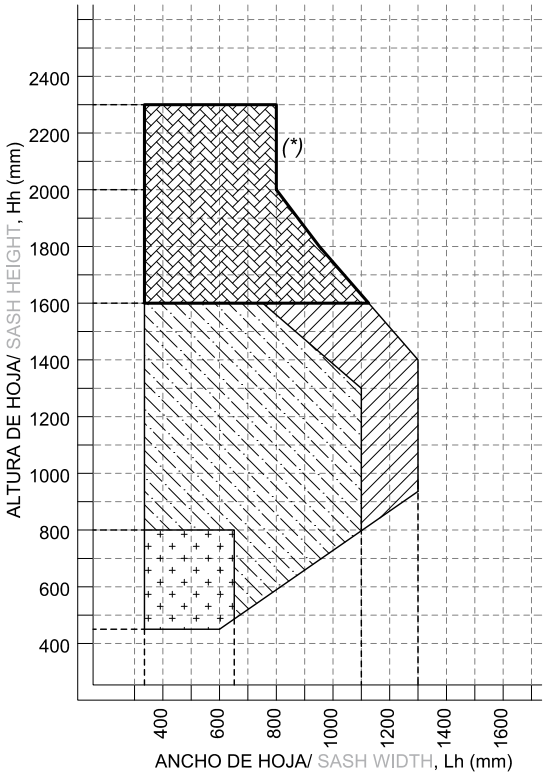


Lh mín. = 360 mm



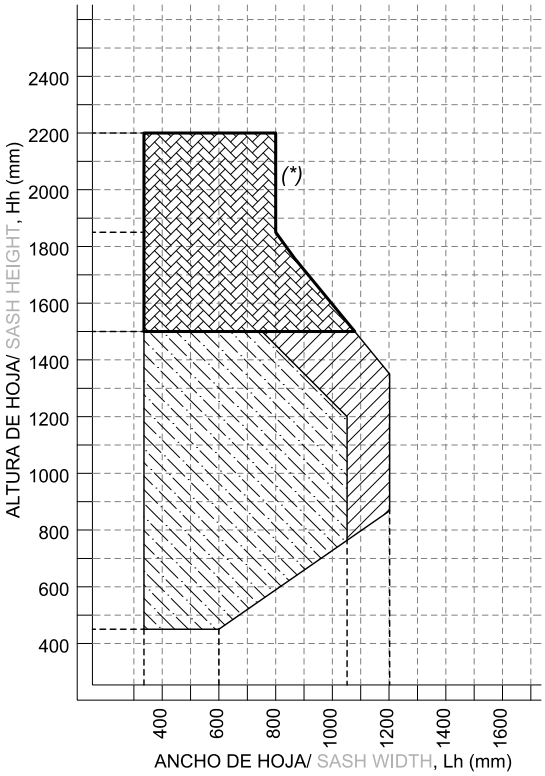


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR

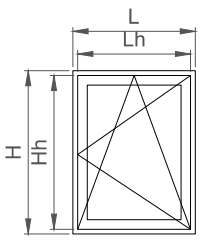


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg

(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

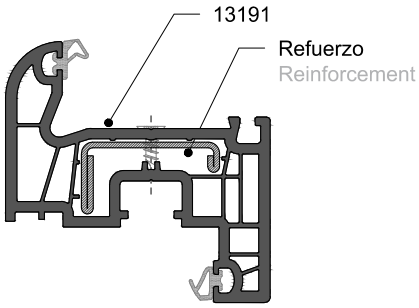
VENTANA - APERTURA INTERIOR - 1 HOJA/ WINDOWS - INWARD OPENING - 1 SASH

1:2

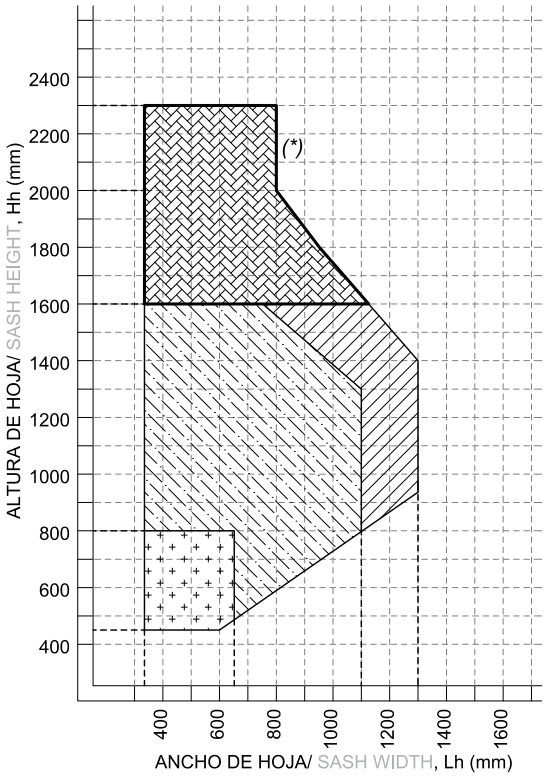




Lh mín. = 360 mm

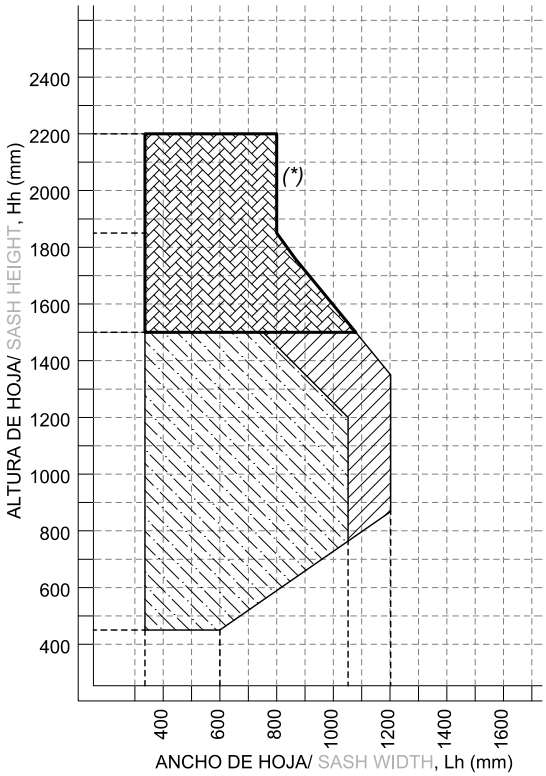


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1388	⌉	1,5	< 100 kg
	1384	⌉	1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR



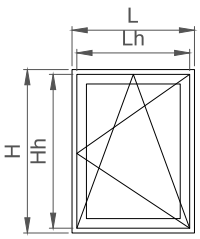
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1388	⌉	1,5	< 100 kg
	1384	⌉	1,5	< 130 kg

(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

VENTANA - APERTURA INTERIOR - 1 HOJA/ WINDOWS - INWARD OPENING - 1 SASH

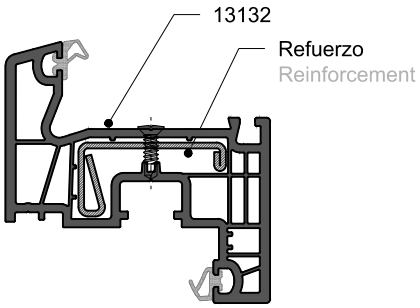
HOJA RECTA REDUCIDA/ REDUCED STRAIGHT SASH

1:2

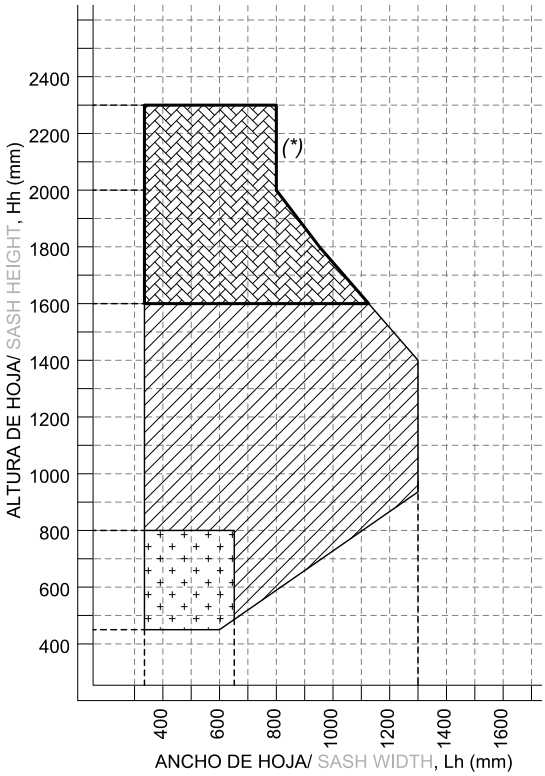




Lh mín. = 360 mm

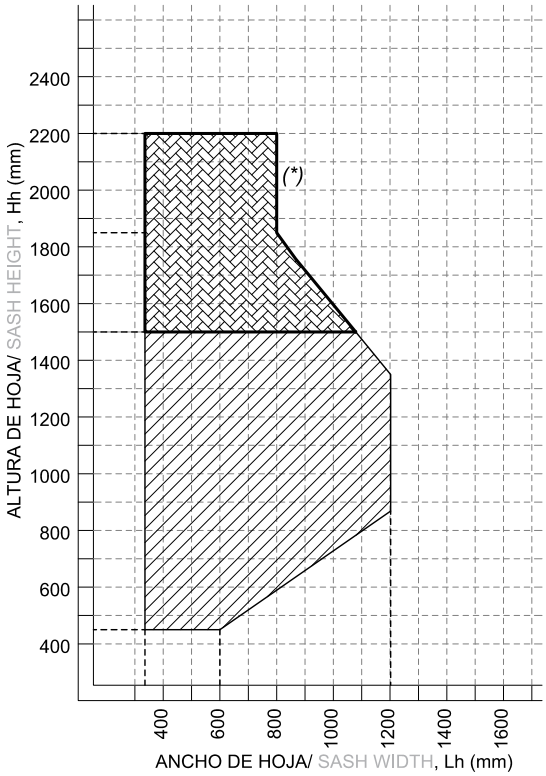


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1377		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR

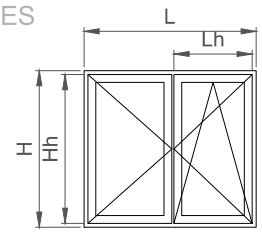


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1377		1,5	< 130 kg

(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

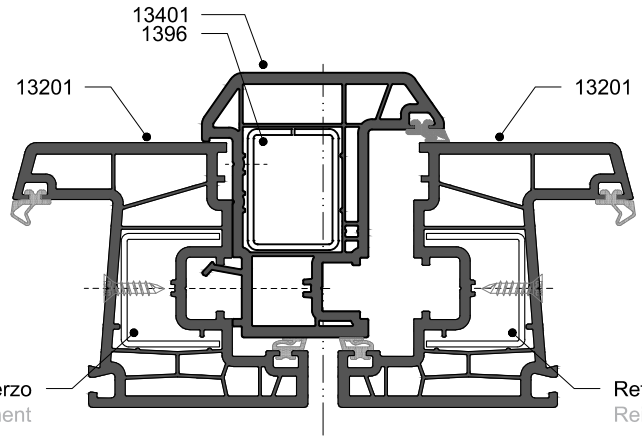
VENTANA - APERTURA INTERIOR - 2 HOJAS/ WINDOWS - INWARD OPENING - 2 SASHES

1:2

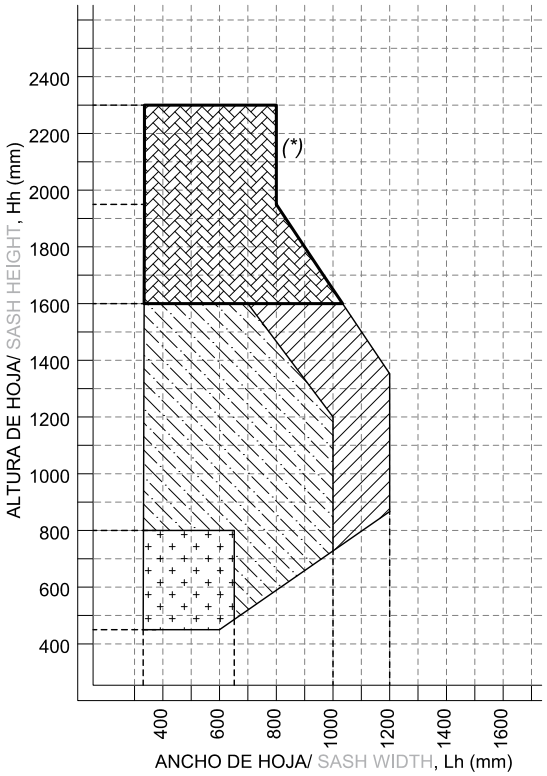




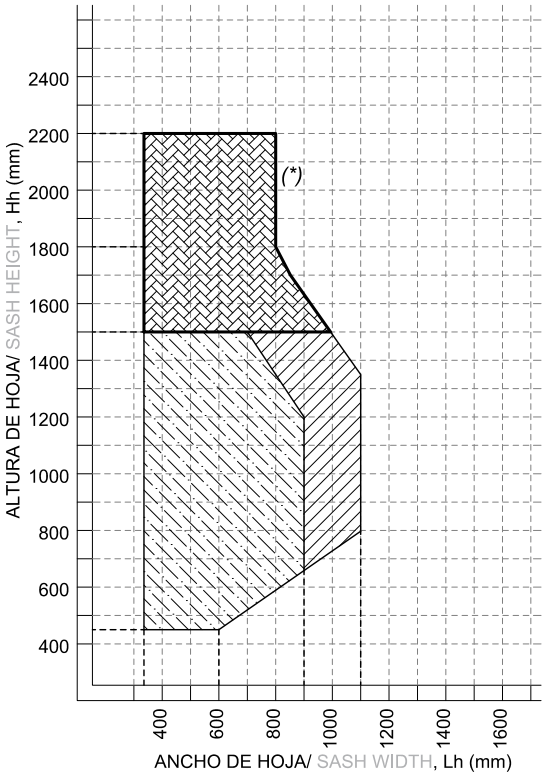
Lh mín. = 360 mm



PERFILES EN BLANCO
PROFILES IN WHITE



PERFILES EN COLOR
PROFILES IN COLOUR



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg
	1396		1,5	< 130 kg

Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg
	1396		1,5	< 130 kg

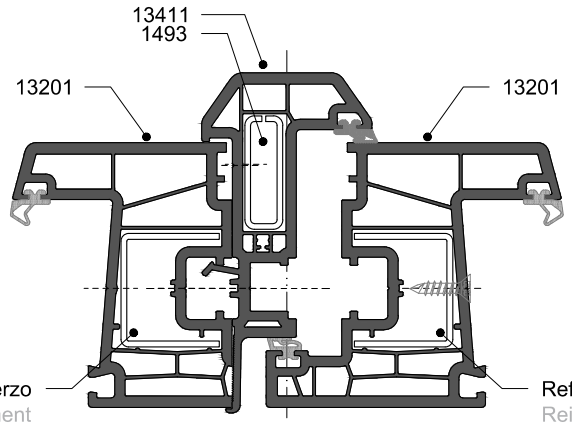
(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

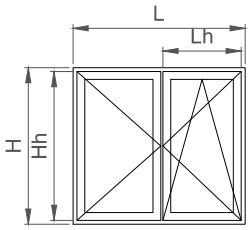
VENTANA - APERTURA INTERIOR - 2 HOJAS, INVERSOR REDUCIDO
WINDOWS - INWARD OPENING - 2 SASHES, REDUCED INVERTER

1:2

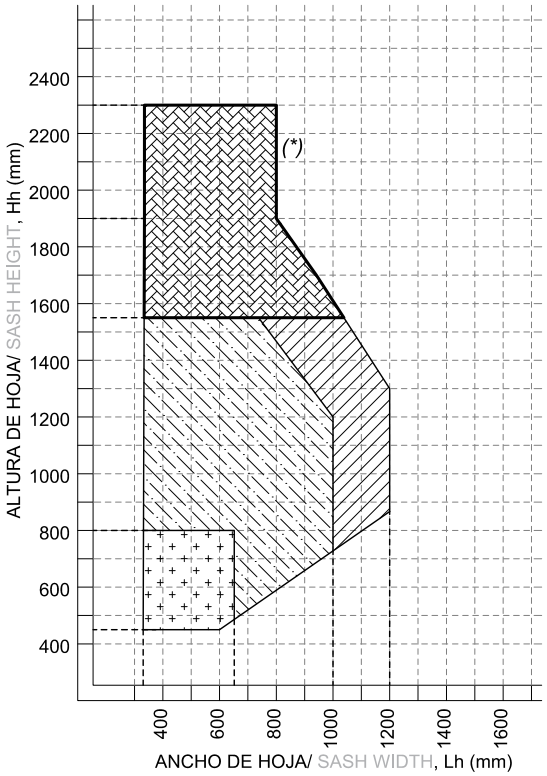


Lh mín. = 360 mm



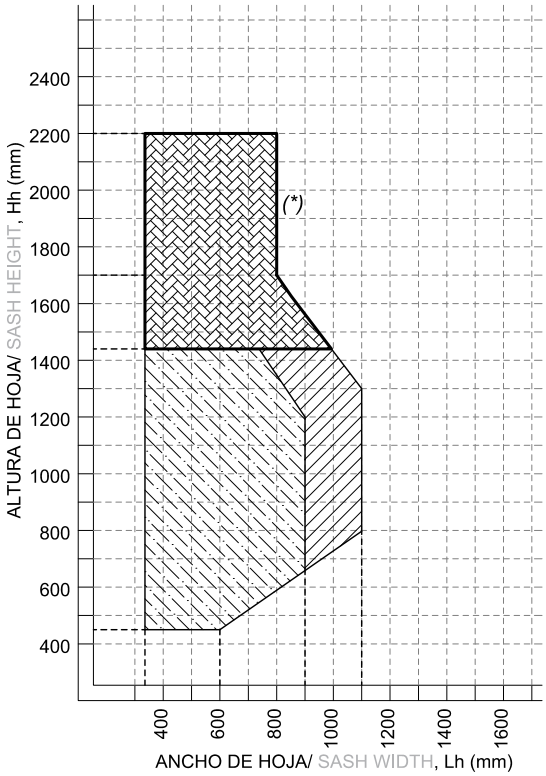


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg
	1493		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR

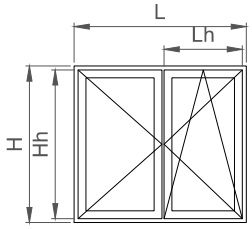


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1391		1,5	< 100 kg
	1387		1,5	< 130 kg
	1493		1,5	< 130 kg

(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

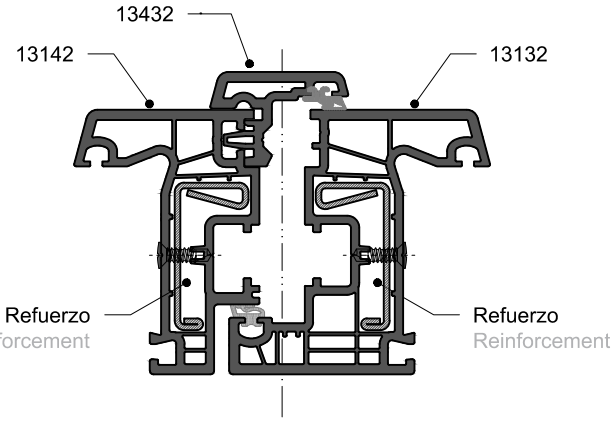
VENTANA - APERTURA INTERIOR - 2 HOJAS, HOJA RECTA REDUCIDA
WINDOWS - INWARD OPENING - 2 SASHES, REDUCED STRAIGHT SASH

1:2

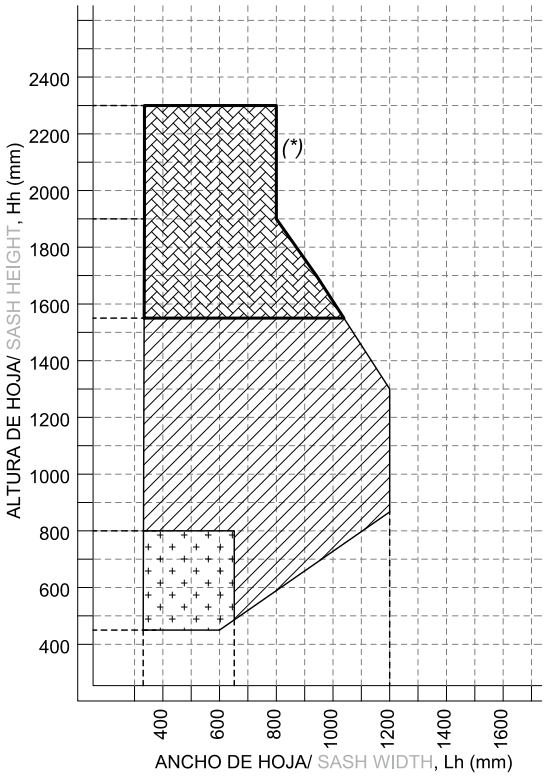




Lh mín. = 360 mm

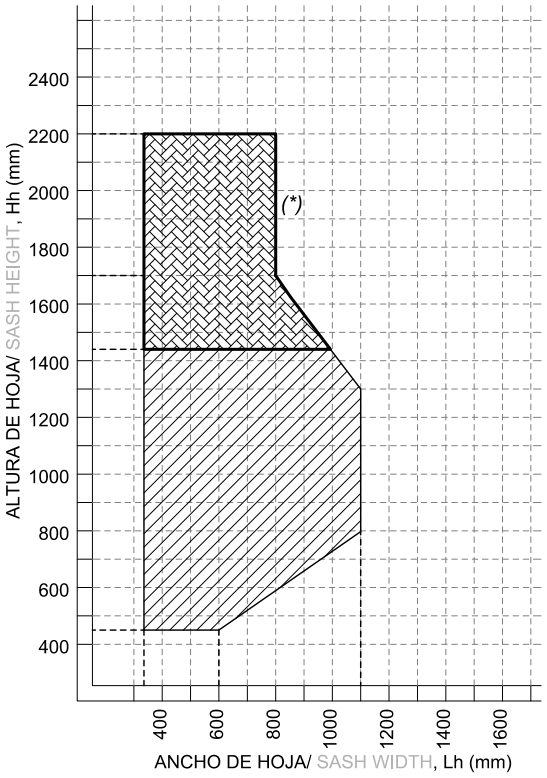


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1377		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR

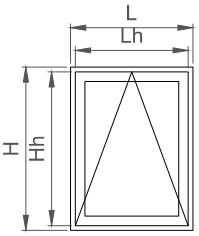


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1377		1,5	< 130 kg

(*) Rango obtenido mediante la aplicación de un cordón de pegado de vidrio a la hoja.
Ver detalle/ Range obtained by applying a bead of glass bonding to the sheet. See detail.

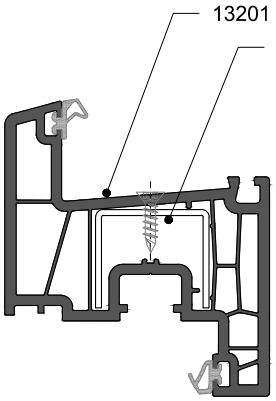
VENTANA - APERTURA INTERIOR ABATIBLE - 1 HOJA/
WINDOWS - TILT INWARD OPENING - 1 SASH

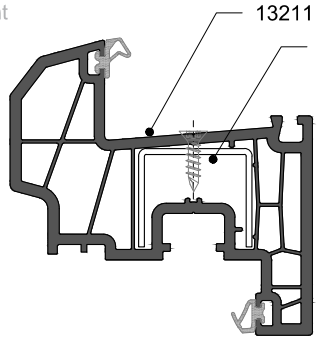
1:2



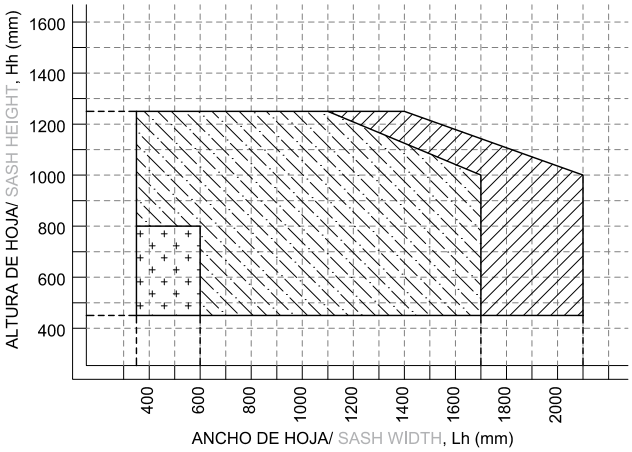


Lh mín. = 360 mm



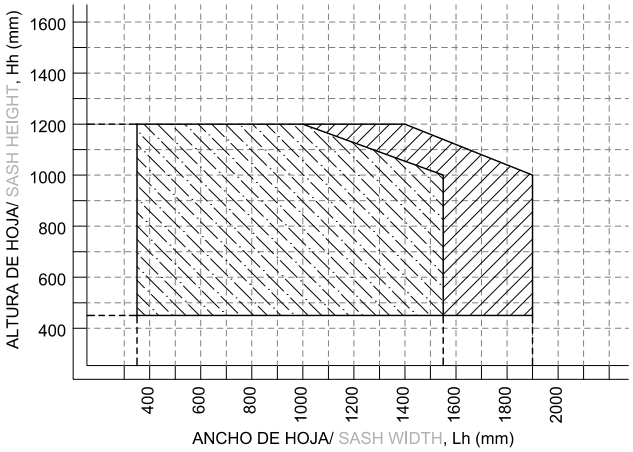


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	< 55 kg
	1391		1,5	< 70 kg
	1387		1,5	< 80 kg

PERFILES EN COLOR
PROFILES IN COLOUR



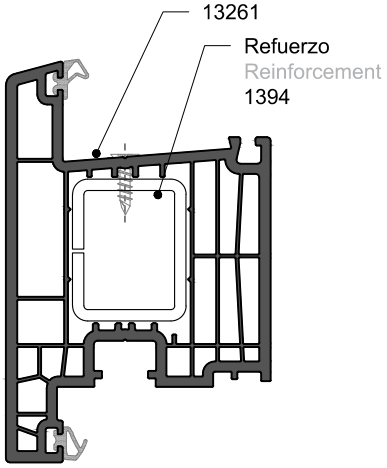
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1391		1,5	< 70 kg
	1387		1,5	< 80 kg

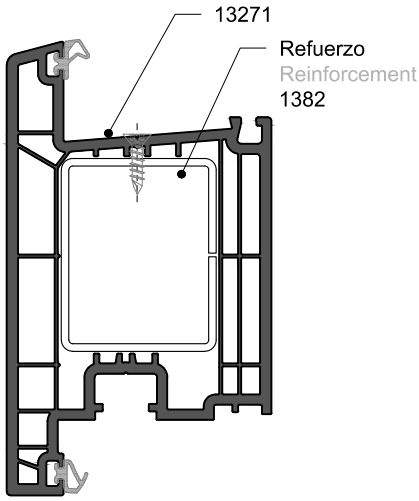
VENTANA - APERTURA EXTERIOR PROYECTANTE - 1 HOJA
WINDOWS - TOP HUNG OUTWARD OPENING - 1 SASH

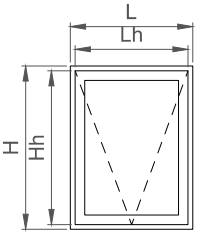
1:2



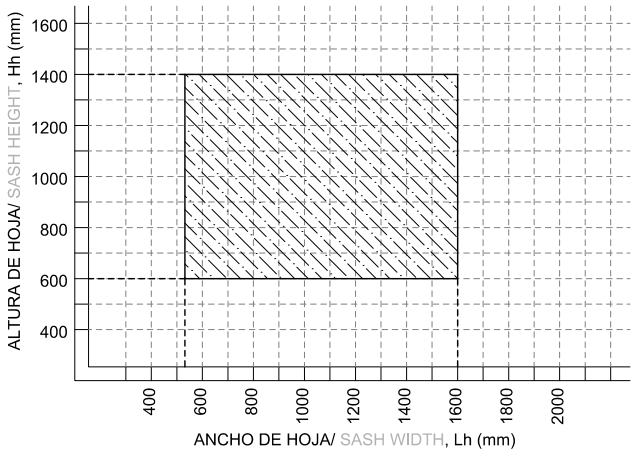
Lh mín. = 520 mm







PERFILES EN BLANCO Y COLOR
PROFILES IN WHITE AND COLOUR



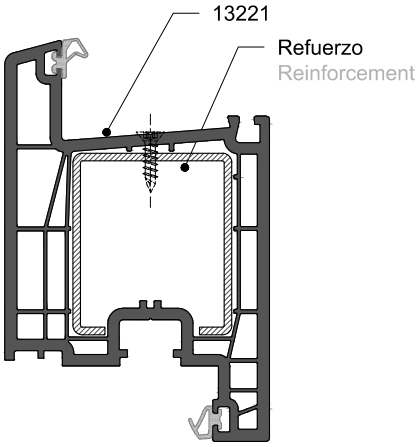
Nota:
Limitaciones marcadas por el juego de compás proyectante deslizante (herraje).
Note:
Limitations marked by the sliding top hung friction stay set (hardware).

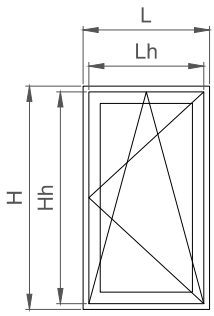
BALCONERA - APERTURA INTERIOR - 1 HOJA/ BALCONY - INWARD OPENING - 1 SASH

1:2

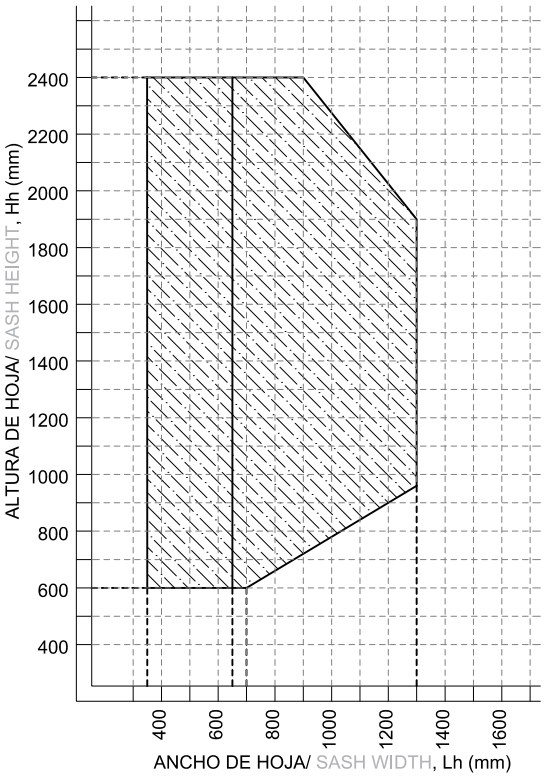


Lh mín. = 360 mm
(650 mm - hoja paso/
main swing door)



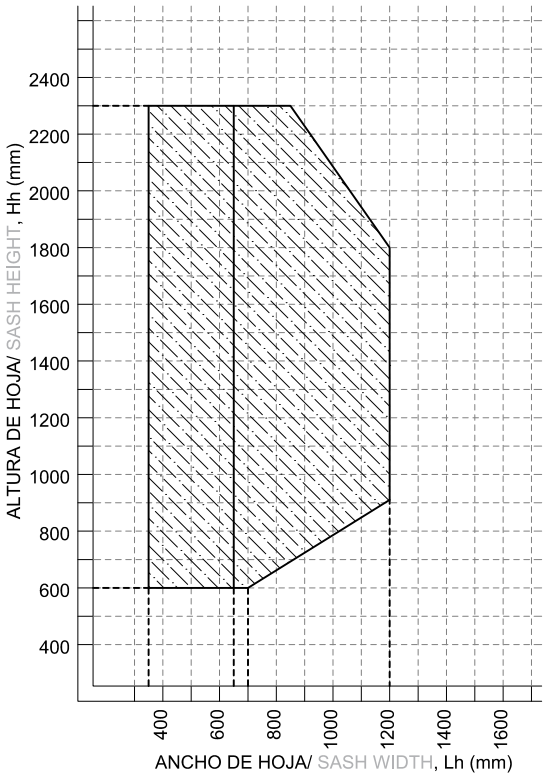


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 130 kg
	1378		2,0	< 130 kg

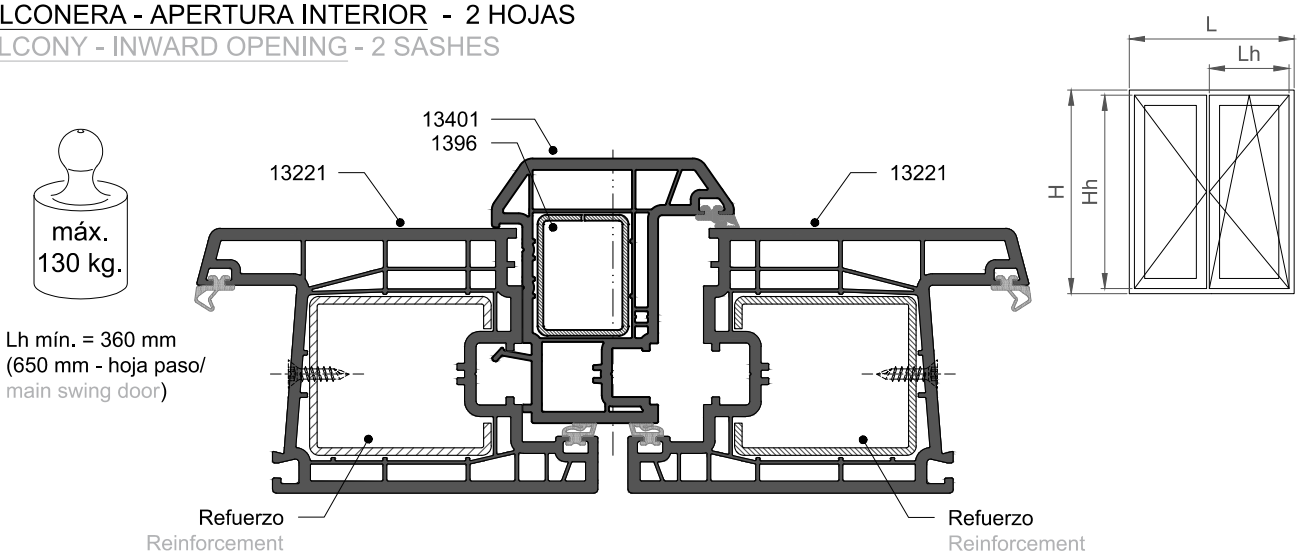
PERFILES EN COLOR
PROFILES IN COLOUR



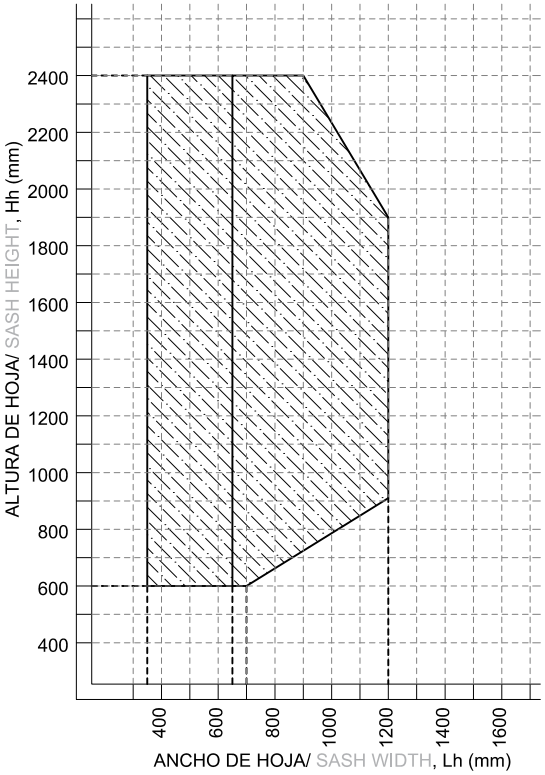
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 130 kg
	1378		2,0	< 130 kg

BALCONERA - APERTURA INTERIOR - 2 HOJAS
BALCONY - INWARD OPENING - 2 SASHES

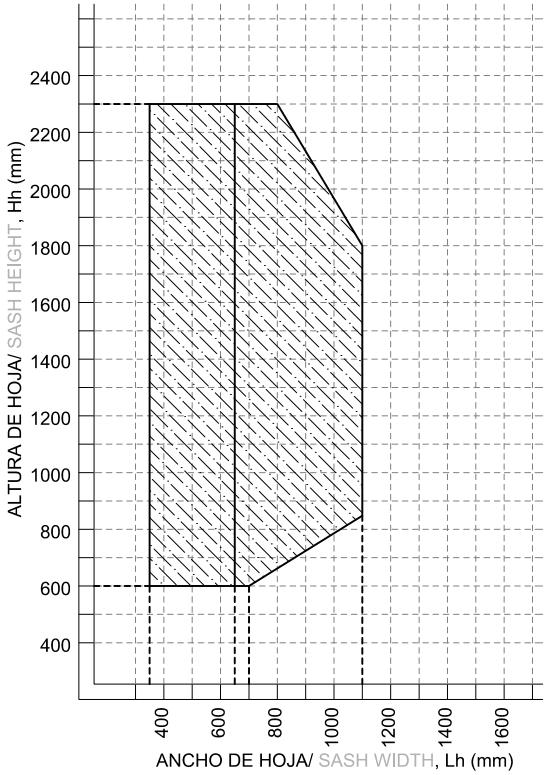
1:2



PERFILES EN BLANCO
PROFILES IN WHITE



PERFILES EN COLOR
PROFILES IN COLOUR



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 130 kg
	1378		2,0	< 130 kg
	1396		1,5	< 130 kg

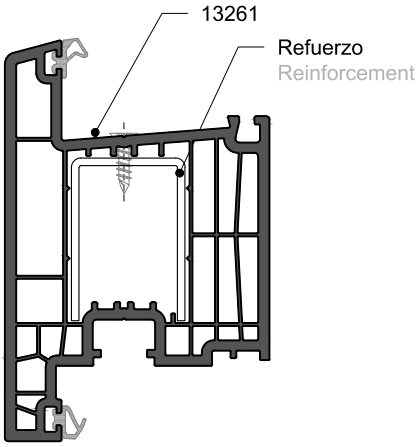
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 130 kg
	1378		2,0	< 130 kg
	1396		1,5	< 130 kg

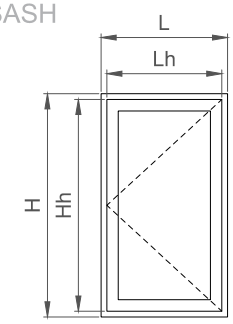
BALCONERA - APERTURA EXTERIOR - 1 HOJA/ BALCONY - OUTWARD OPENING - 1 SASH

1:2

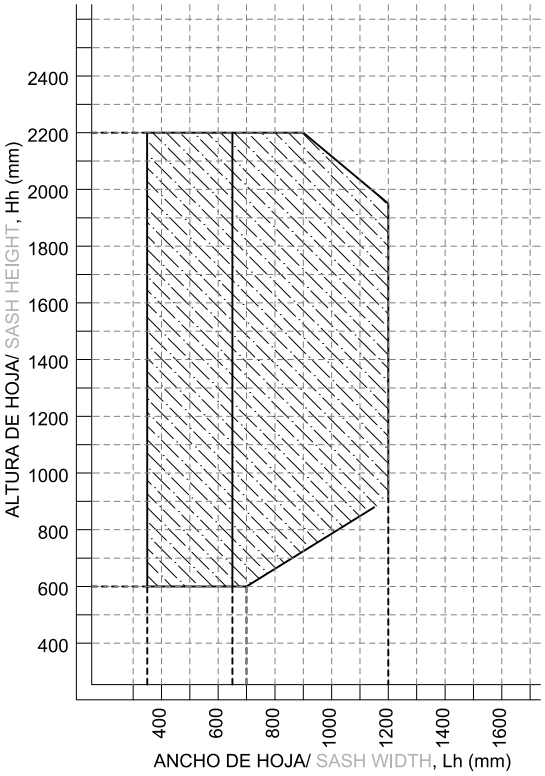


Lh mín. = 360 mm
(650 mm - hoja paso/
main swing door)



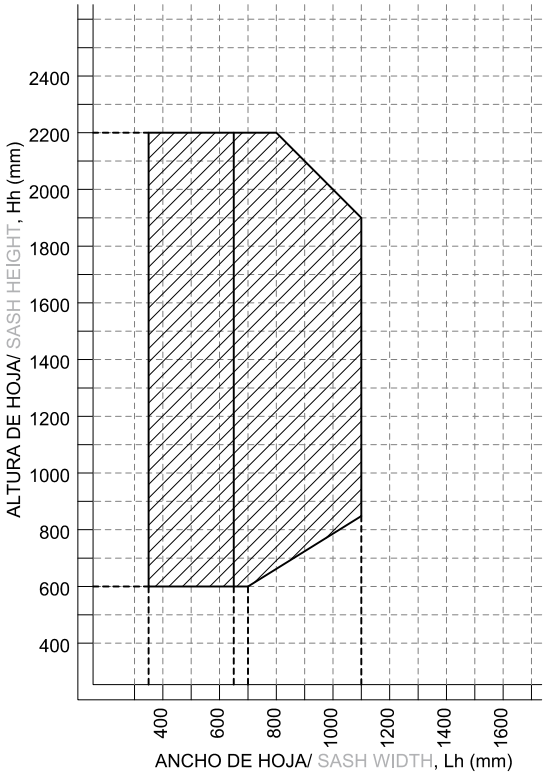


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1392		2,0	< 130 kg
	1394		3,0	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR



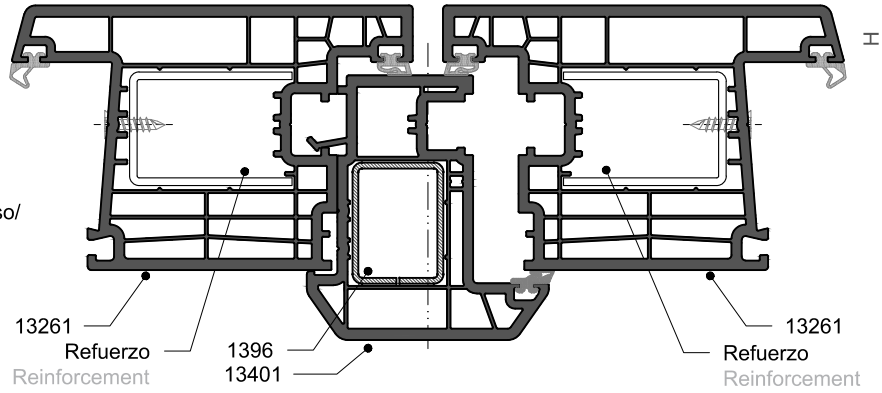
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1392		2,0	< 130 kg
	1394		3,0	< 130 kg

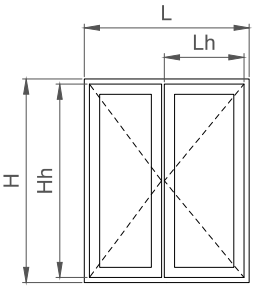
BALCONERA - APERTURA EXTERIOR - 2 HOJAS
BALCONY - OUTWARD OPENING - 2 SASHES

1:2

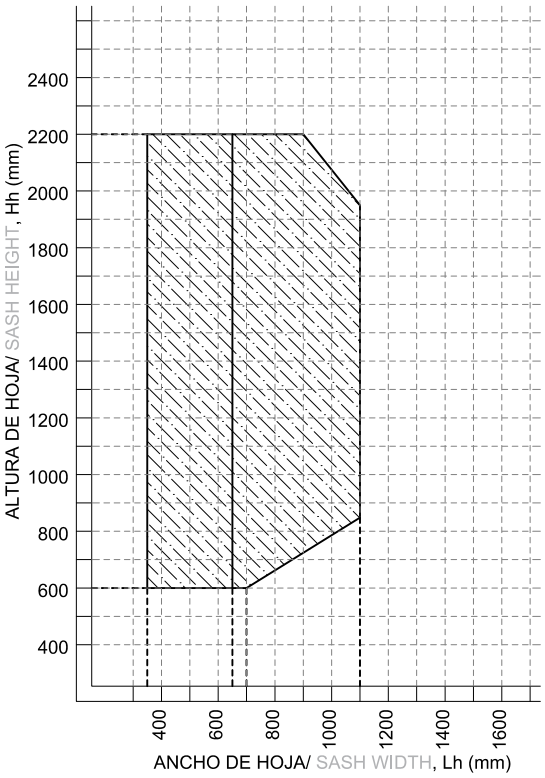


Lh mín. = 360 mm
(650 mm - hoja paso/
main swing door)



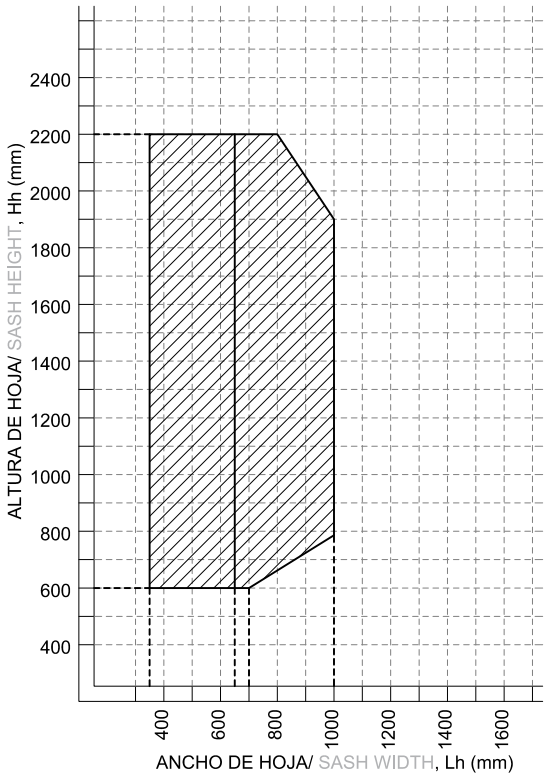


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1392		2,0	< 130 kg
	1394		3,0	< 130 kg
	1396		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1392		2,0	< 130 kg
	1394		3,0	< 130 kg
	1396		1,5	< 130 kg

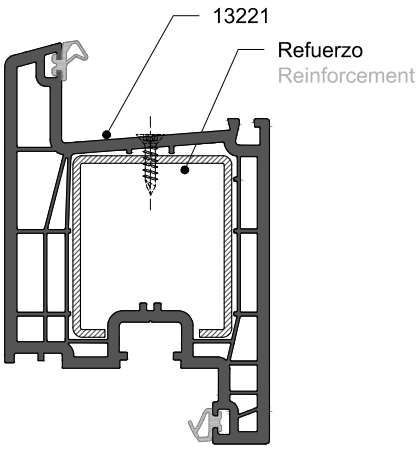
BALCONERA - APERTURA OSCILO PARALELA - 1 HOJA
BALCONY - PARALLEL TILT OPENING - 1 SASH

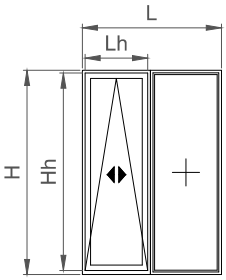
1:2



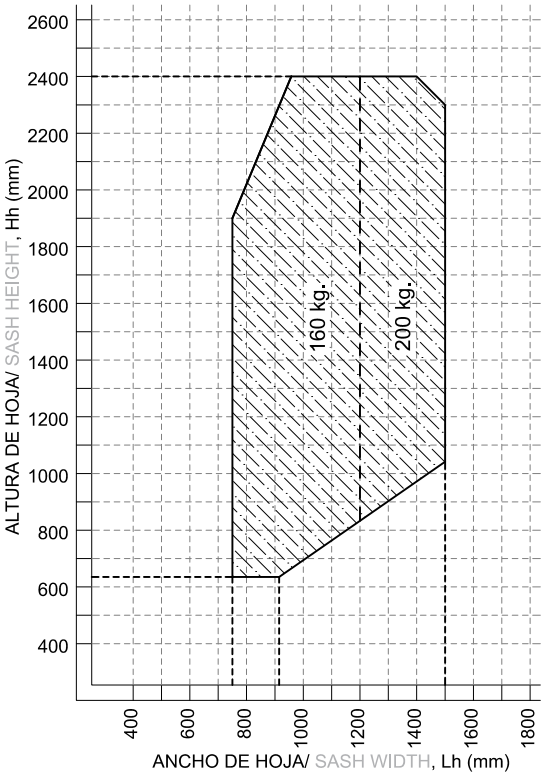
Lh mín. = 760 mm

Lh:Hh < 2,5:1



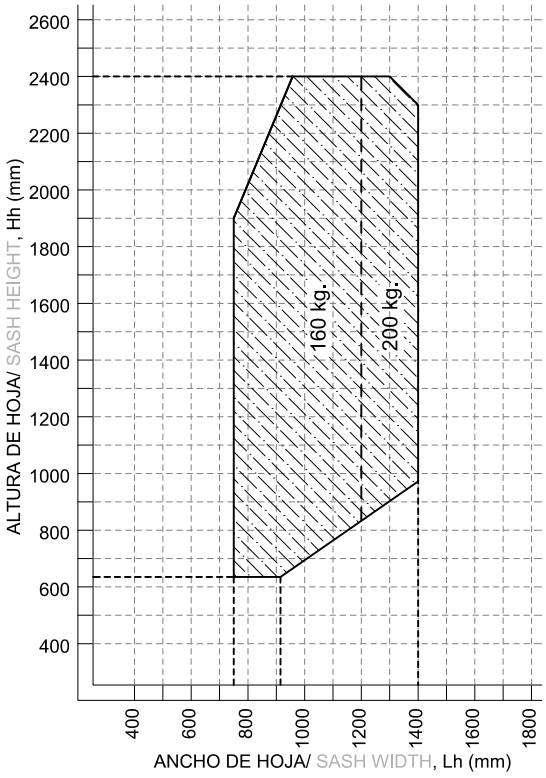


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 200 kg

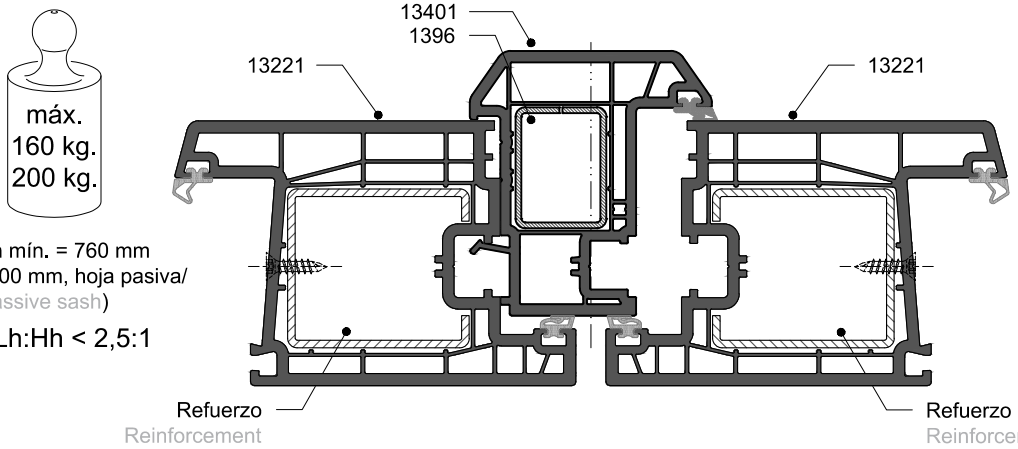
PERFILES EN COLOR
PROFILES IN COLOUR

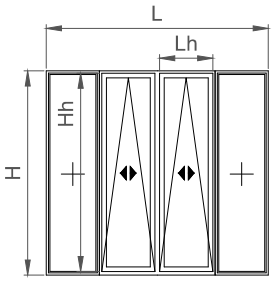


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 200 kg

BALCONERA - APERTURA OSCILO PARALELA - 2 HOJAS
BALCONY - PARALLEL TILT OPENING - 2 SASHES

1:2

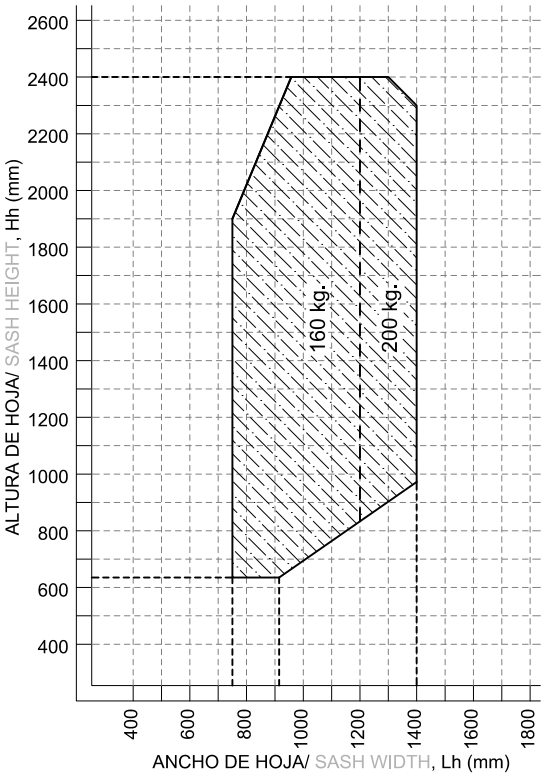




Lh mín. = 760 mm
(800 mm, hoja pasiva/ passive sash)

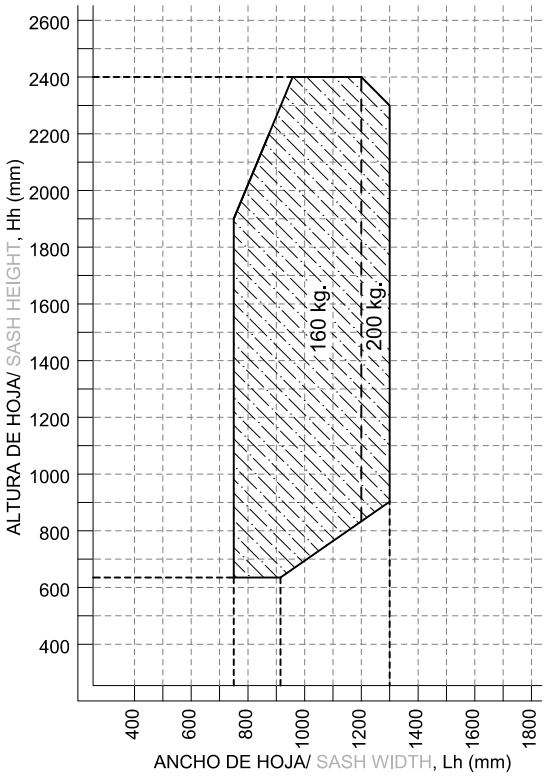
Lh:Hh < 2,5:1

PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 200 kg
	1396		1,5	< 130 kg

PERFILES EN COLOR
PROFILES IN COLOUR



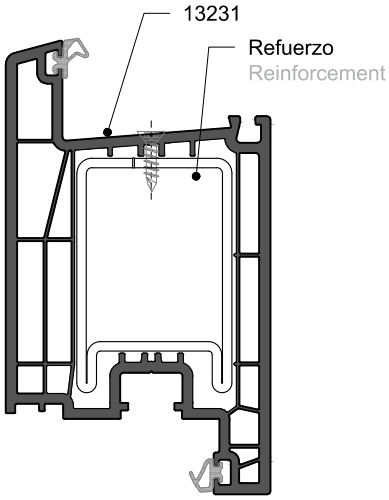
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1379		2,0	< 200 kg
	1396		1,5	< 130 kg

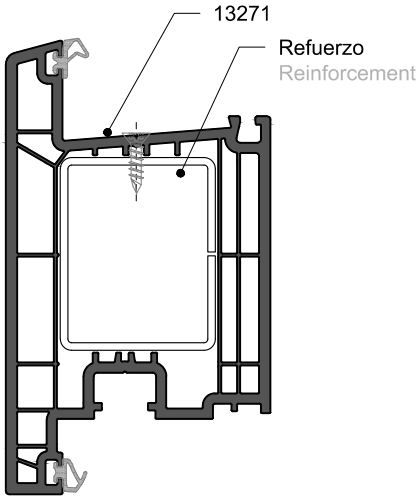
PUERTA - APERTURAS INTERIOR Y EXTERIOR - 1 HOJA
DOOR - INWARD AND OUTWARD OPENING - 1 SASH

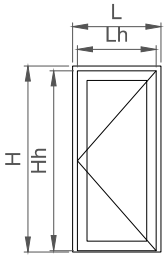
1:2



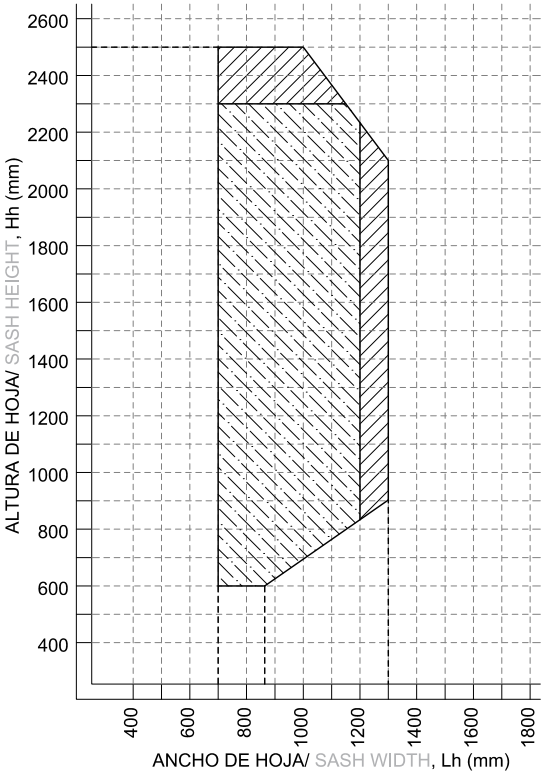
Lh mín. = 700 mm





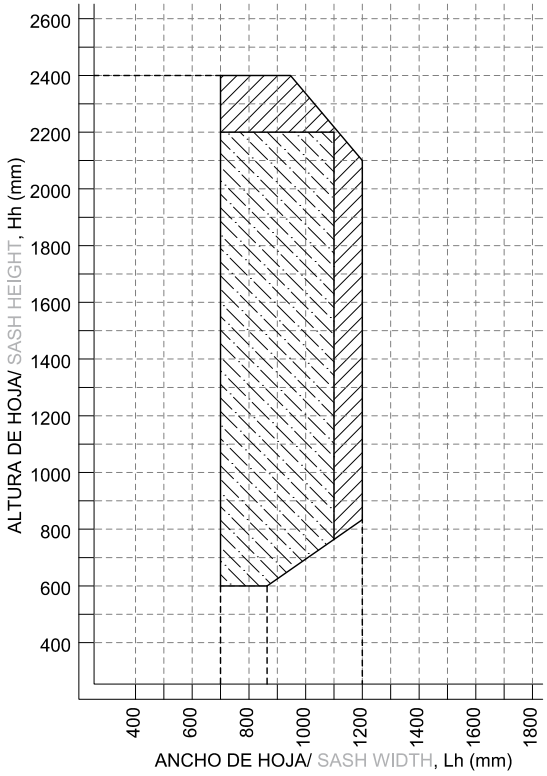


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1382		2,0	< 120 kg
	1399		3,0	< 160 kg

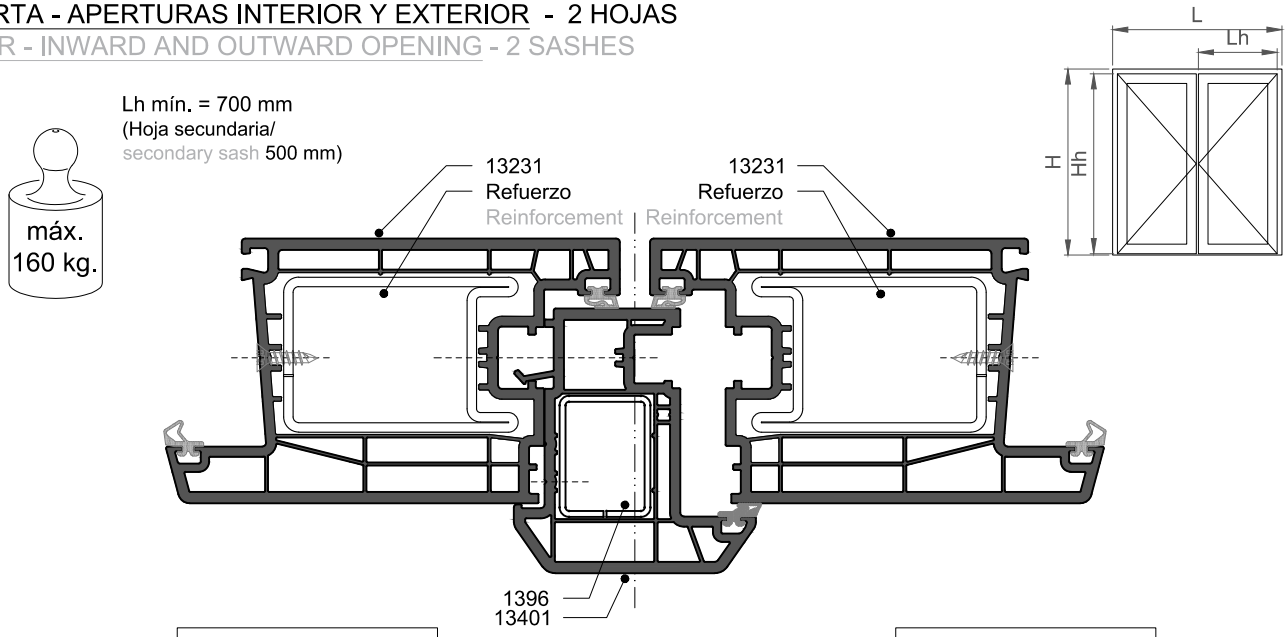
PERFILES EN COLOR
PROFILES IN COLOUR



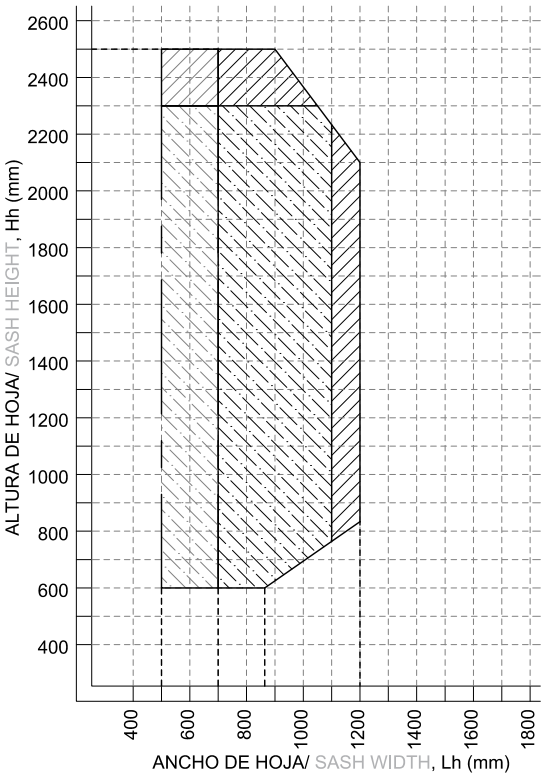
Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1382		2,0	< 120 kg
	1399		3,0	< 160 kg

PUERTA - APERTURAS INTERIOR Y EXTERIOR - 2 HOJAS
DOOR - INWARD AND OUTWARD OPENING - 2 SASHES

1:2

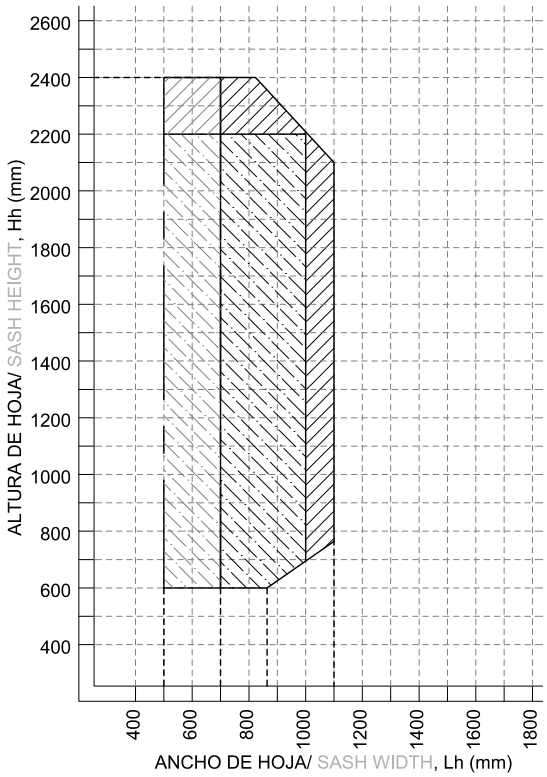


PERFILES EN BLANCO
PROFILES IN WHITE



Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1382		2,0	< 120 kg
	1399		3,0	< 160 kg
	1396		1,5	< 160 kg

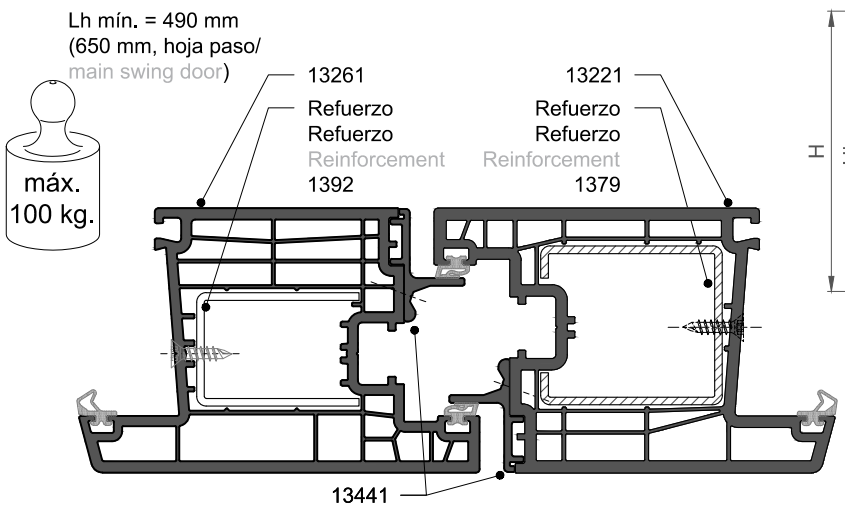
PERFILES EN COLOR
PROFILES IN COLOUR

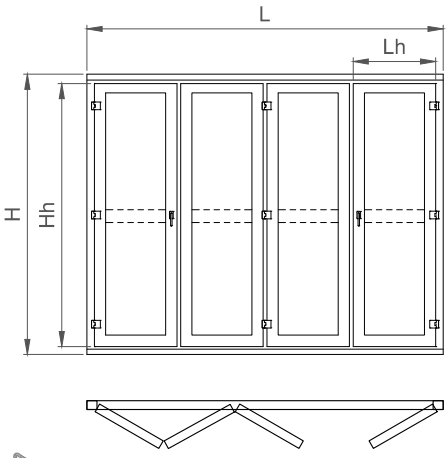


Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1382		2,0	< 120 kg
	1399		3,0	< 160 kg
	1396		1,5	< 160 kg

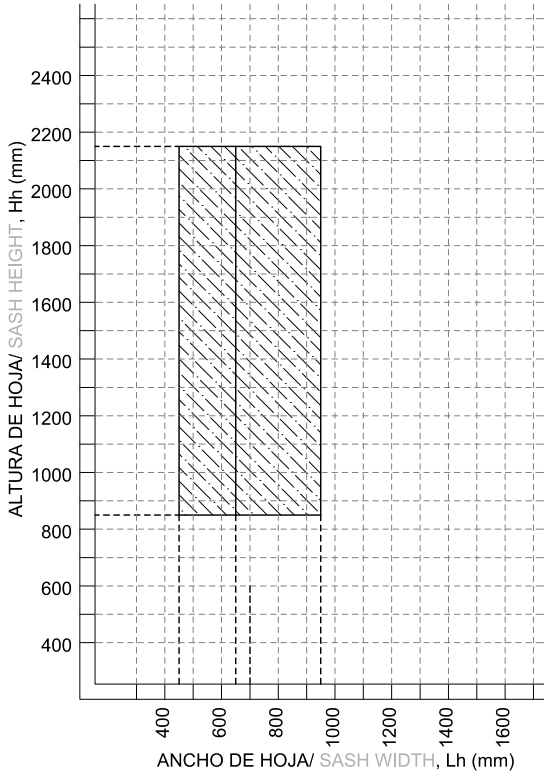
PUERTA - APERTURAS INTERIOR Y EXTERIOR - PLEGABLE
DOOR - INWARD AND OUTWARD OPENING - BI-FOLD

1:2





PERFILES EN BLANCO Y COLOR
PROFILES IN WHITE AND COLOUR



ESQUEMA	L máx (mm.)
330	2.875
431	3.823
550	4.731
651	5.679
633	5.679

Refuerzo/ Reinforcement			Espesor Thickness (mm)	Peso máx. Max. weight (kg)
	SIN REF.	X	X	X
	1392		2,0	< 100 kg
	1379		2,0	< 100 kg

REFUERZOS DE ACERO EN PERFILES DE PVC:

MARCO.

Siempre disponer de refuerzo en el tramo superior o dintel.
En los perfiles laterales en Blanco en los que la altura del mismo es superior a H > 800 mm. o el peso de las hojas sea superior a 70 kg. En los perfiles de Color, siempre se dispone.
En el perfil o tramo inferior siempre que el peso del vidrio supere los 55 kg.
Nota: en el caso de no disponer de refuerzo, se recuerda que el herraje y en particular las bisagras deberán ser recibidas siempre por el perfil de refuerzo por lo que se dispondrá del tramo de refuerzo necesario para ello.

TRAVESAÑO o DIVISOR de vidrio.

Como norma general es necesario disponerlo en todos los casos, y en toda la longitud del mismo.

HOJA.

Como norma general será necesario disponerlo en todos los casos, siendo obligatorio en los perfiles de Color y en los perfiles en Blanco cuando la hoja sea superior en medida La a 650 mm. o en medida Ha a 800 mm.

INVERSOR de Hoja.

Como norma general es necesario disponerlo en todos los casos, y en toda la longitud del mismo.

STEEL REINFORCEMENTS IN PVC PROFILES:

FRAME

The reinforcement is always necessary in the upper section or lintel.

In the side profiles in White in which the height of the same is greater than H > 800 mm. or the weight of the sash is greater than 70 kg. In colour profiles, it is always available.

In the lower section or profile as long as the weight of the glass exceeds 55 kg.

Note: in the case of not having reinforcement, remember that the hardware and in particular the hinges must always be received by the reinforcement profile, it will be necessary to have a proper reinforcement.

TRANSOM or glass DIVIDER.

As a general rule, it is necessary to have it in all cases, and along its entire length.

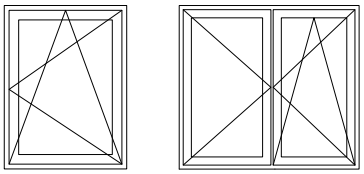
SASH

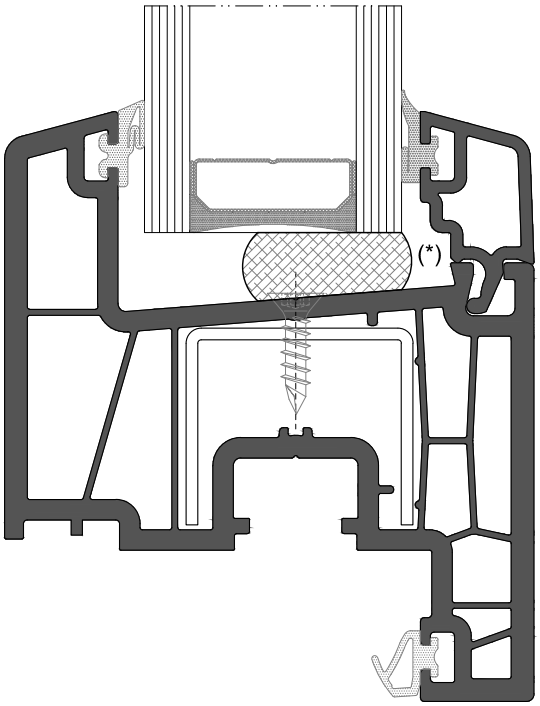
As a general rule, it will be necessary to have it in all cases, being obligatory in the colour profiles and in the White profiles when the sash is greater than 650 mm in La measurement or in measurement Ha to 800 mm.

Sash INVERTER post.

As a general rule, it is necessary to have it in all cases, and along its entire length.

VENTANA - APLICACIÓN DE CORDÓN DE SILICONA
WINDOW - SILICONE CORD APPLICATION





(*)

Para ampliar el rango de aplicación es necesario un cordón de pegado de vidrio a la hoja.
To extend the range of application, a bead of glass gluing to the sash is necessary.

Esperar 24 h.
4 horas para / hours for Soudabond o Sikasil WT66

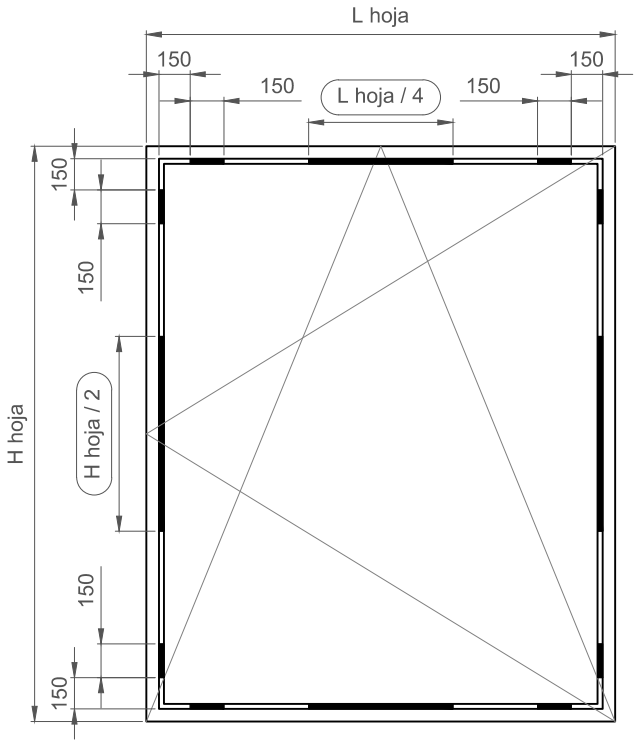
SILICONA DE PEGADO VIDRIO - PVC-U.
DOWSIL 993 o 3441.
SIKASIL WT470, WT480, WT485 o WT66.
SOUDABOND 632 WB DUO.
Notas:
Las bi-componente tienen tiempo de curado corto.
Resistencia a UV.
- - - -
Con el uso de una silicona de pegado NO pura, debe preverse el ensamble del vidrio con una silicona libre de polisulfuros o poliuretanos.
Consultar al proveedor.
- - - -
Limpiador:
DOWSIL R40.
SIKASIL CLEANER 205 (con activador).
SOUDAL SURFACE ACTIVATOR.
Primer:
DOWSIL 1200 OS Primer.

Notas:

- Para su aplicación las superficies deberán estar en un rango de temperaturas de +5º y 40º C.
- Proceso:
  - •• limpieza de superficies y, preparación con la aplicación de la imprimación y/o del activador.
  - •• colocación del vidrio y colocación de calces para centrado del vidrio.
  - •• aplicación del cordón de silicona o adhesivo.
  - •• cierre con los junquillos.
- Los sellados deben quedar aplicados fuera de la posición de las cunas y calces de acristalar y de los taladros para drenajes y aireaciones.
- los vidrios para pegado deberán ir desprovistos de cinta perimetral con contenido en silicona.
- En algunos vidrios podría ser requerida una prueba de adherencia en el pegado.

Notes:

- For its application, the surfaces must be within a temperature range of +5º and 40º C.
- Process:
  - •• surface cleaning and preparation with the application of primer and/or activator.
  - •• glass fitting and shimming for glass centering.
  - •• application of the silicone or adhesive cord.
  - •• close with beading.
- The seals must be applied outside the position of the glazing cradles and wedges and the holes for drainage and aeration.
- The glasses for gluing must be devoid of perimeter tape with silicone content.
- In some glasses, a bond adhesion test may be required.



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A 70 ABISAGRADA
A 70 HINGED

1. RELACIÓN DE PERFILES
1. PROFILE LIST

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SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
10831		Guía lateral 50 50 side guide	1068,5	-	98
10841		Guía lateral 50 doble mosquitera integrada 50 lateral guide with integrated double mosquito net	1136	-	98
10851		Guía central 50 Central guide 50	1257	-	98
10861		Guía central 50 doble mosquitera integrada 50 central guide with integrated double mosquito net.	1379	-	99
1110		Grapa solape registro Register overlap clip	264,6	9,09	95
1111		Acople panel registro Register panel coupling	383,4	17,39	87
12051		Junquillo 29 mm 29 mm glazing bead	280,5	-	81
12061		Junquillo 44 mm 44 mm glazing bead	355,2	-	82
12071		Junquillo 37 mm 37 mm glazing bead	326,7	-	81
12131		Junquillo curvo 20 mm 20 mm curved glazing bead	237	-	80
12141		Junquillo curvo 25 mm. 25 mm curved glazing bead	273,3	-	81
12151		Vierte-aguas Drip cap	150,8	-	102
12181		Cobertor refuerzo travesaño Transom reinforcement cover	1009,2	-	88
12191		Base cobertor ref. travesaño Transom reinforcement cover base	292,6	-	88

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
12201		Solape enrasado de 50 mm Flush 50 mm overlap	406,6	-	101
12211		Ángulo de 25x25 25x25 angle	142	-	84
12221		Pletina 80x3 80x3 platen	349,3	-	83
12225		Pletina 80x3 con cinta de pegado 80x3 platen with gluing tape	352,8	-	83
12231		Pletina 30x3 30x3 platen	133,2	-	83
12235		Pletina 30x3 con cinta de pegado 30x3 platen with gluing tape	136,7	-	84
12251		Pletina 50x3 50x3 platen	216,1	-	83
12255		Pletina 50x3 con cinta de pegado 50x3 platen with gluing tape	219,6	-	84
12271		Pletina 100x3 100x3 platen	415	-	83
12281		Pletina150x3 150x3 platen	622,4	-	83
12291		Ángulo 85x45 85x45 angle	552,2	-	85
12301		Ángulo 65x45 65x45 angle	419,1	-	84
12311		Ángulo 90 mm con solape 45 mm 90 mm angle with 45 mm overlap	563,5	-	85
12321		Ángulo 90 mm con solape 70 mm 90 mm angle with 70 mm overlap	977,5	-	85

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
12331		Ángulo 100x60 100x60 angle	682,7	-	86
12351		Solape 50 mm 50 mm overlap	322,2	-	101
1236		Grapa solape Overlap clip	226,8	-	95
12371		Solape 70 mm 70 mm overlap	436,2	-	101
1238		Grapa ángulo Angle clip	229,5	-	95
12391		Solape 90 mm 90 mm overlap	571,3	-	102
12411		Unión reforzada de marcos Frames reinforced joint	548,8	-	75
12421		Unión tubular de marcos Tubular frames joint	899	-	75
12431		Unión de Marcos Oculta Hidden frames joint	274,6	-	75
12441		Unión de marcos semioculta Semi-hidden frames joint	152,8	-	75
12451		Ensanche 20 mm de marcos 20 mm frame broadening	756	-	77
12461		Ensanche 45 mm de marcos 45 mm frame broadening	1100	-	77
12471		Ensanche 60 mm de marcos 60 mm frame broadening	1296	-	78
12501		Esquinero recto Straight corner piece	1457	-	76

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
12511		Esquinero 45º 45º corner piece	941,1	-	76
12521		Esquinero regulable Adjustable corner piece	1054,2	-	77
12531		Adaptador de ángulo variable Variable angle adapter	690,2	-	77
12551		Tubo 70x30 70x30 tube	691,2	-	88
12571		Guía central doble 30 mm 30 mm central double guide	726,7	-	96
12581		Guía lateral de 30 mm 30 mm lateral guide	637,3	-	96
12591		Guía Lateral de 31 mm 31 mm lateral guide	810,4	-	96
12601		Guía lateral de 40 mm 40 mm lateral guide	900,2	-	96
12611		Guía central de 40 mm 40 mm central guide	1031,6	-	97
12621		Guía lateral 60 mm 60 mm lateral guide	1063,5	-	99
12641		Guía lateral de 86 mm 86 mm lateral guide	1266,5	-	100
12661		Ampliación de guía Guide extension	369	-	100
12671		Ampliación guía de 46 mm 46 mm guide extension	652,4	-	100
12711		Bandeja vierte-aguas 90 mm 90 mm drip cap tray	1473,2	-	90

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
12721		Bandeja Vierte-aguas 45 mm 45 mm drip cap tray	1071,1	-	90
1274		Alargadera de 90 mm 90 mm cill	526,5	-	90
1275		Alargadera de 75 mm 75 mm cill	461,7	-	91
1276		Alargadera de 115 mm 115 mm cill	621	-	91
1278		Alargadera de 145 mm 145 mm cill	742,5	-	91
12841		Guía lateral cajón de obra Shutter box side guide	1008,6	-	97
1289		Pletina 14x4 14x4 platen	143,1	-	82
1290		Refuerzo de 65x20 65x20 reinforcement	1883,9	-	103
1291		Refuerzo de 35x22 35x22 reinforcement	1224,5	-	103
1292		Refuerzo U de 34x6 34x6 U reinforcement	488,6	-	103
1294		Refuerzo de 40x45 40x45 reinforcement	2458,1	-	103
1295		Refuerzo de 47x47 abierto 47x47 open reinforcement	1898,7	-	104
1296		Refuerzo de 42x36 a 45º 42x36 reinforcement at a 45º angle	1417,6	-	104
1297		Refuerzo de Ø48 Ø48 reinforcement	2270	-	104

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
1298		Refuerzo de 43x38 43x38 reinforcement	3013,9	-	105
13101		Remate inferior hoja puerta Door sash finishing bottom profile	332,3	-	88
13132		Hoja recta Straight sash	1381	-	68
13142		Hoja recta inversora Straight inverted sash	1079	-	69
1315		Remate inferior hoja puerta Door sash finishing bottom profile	753,3	32,78	74
13161		Tapa C16 16 trunking cover	62,4	-	78
13191		Hoja curva de ventana Curved window sash	1504,4	-	70
13201		Hoja ventana Window sash	1616	-	67
13211		Hoja ventana semienrasada Semi-flush window sash	1713,5	-	67
13221		Hoja balconera Balcony sash	2127	-	68
13231		Hoja puerta Door sash	2250,4	-	70
13261		Hoja balconera apert.Ext. Outward opening balcony sash	2125,4	-	69
13271		Hoja puerta apert. Ext. Outward opening door sash	2190,9	-	71
13301		Marco Frame	1503,1	-	57

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
13311		Marco con solape 40 mm Frame with 40 mm overlap	1735,9	-	57
13321		Marco de enganche con solape 60 mm Hook frame with 40 mm overlap	1627,6	-	58
13331		Marco de puerta Door frame	1666,9	-	58
13341		Marco apertura exterior Outward opening frame	1384	-	59
13401		Inversor Inverter	1353,3	-	71
13411		Inversor ventana Window inverter	1060,8	-	72
13421		Perfil batiente interior Inner jamb profile	235,4	-	72
13432		Inversor exterior Outer inverter	440	-	72
13441		Batiente apertura plegable Bi-fold opening jamb	150	-	89
13501		Travesaño Transom	1623,2	-	66
13521		Travesaño ancho Wide transom	2005,3	-	66
13531		Tapeta interior Internal end plate	377	-	78
1366		Umbral balconera Balcony threshold	956	-	72
1369		Solera reducida Reduced sub-cill	464,4	14,06	73

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
13741		Recercado de marcos 100 mm 100 mm frames enclosure	1108,4	-	91
13751		Barrotillo divisor 25 mm 25 mm glazing bar	167,8	-	72
1377		Refuerzo de 19.5x39x7.5 19.5x39x7.5 reinforcement	1001	-	105
1378		Refuerzo de 42x38.5 42x38.5 reinforcement	2346	-	105
1379		Refuerzo U de 42x48 42x48 U reinforcement	2267,5	-	105
13801		Lama machihembrada Tongued and grooved slat	1115,1	-	79
1382		Refuerzo de 41x51 41x51 reinforcement	2693,6	-	106
1383		Refuerzo de 37.5x30x1.5 37.5x30x1.5 reinforcement	1472	-	106
1384		Refuerzo U de 37x19 reforzado 37x19 reinforced U reinforcement	1217,8	-	106
1386		Refuerzo U de 37x13 37x13 U reinforcement	1016,8	-	106
1387		Refuerzo U de 30x26 30x26 U reinforcement	1211,3	-	107
1388		Refuerzo U de 37x19 37x19 U reinforcement	909	-	107
1389		Refuerzo de 30x37 30x37 reinforcement	1454,1	-	107
1390		Refuerzo de 30x30 30x30 reinforcement	1292	-	107

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
1391		Refuerzo U de 30x26 30x26 reinforcement	912,5	-	107
1392		Refuerzo U de 43x30 43x30 U reinforcement	1721,6	-	108
1393		Refuerzo de 41x30 41x30 reinforcement	2936,9	-	108
1394		Refuerzo de 37.5x30 37.5x30 reinforcement	2772	-	108
1395		Refuerzo de 38x20 38x20 reinforcement	1245	-	108
1396		Refuerzo de 32x24 32x24 reinforcement	1201	-	109
1399		Refuerzo de 62x41 62x41 reinforcement	4150	-	109
14801		Lama panelada Panelled slat	956	-	79
14891		Pletina 14x4 14x4 platen	85	-	82
1490		Refuerzo de 30x25 30x25 reinforcement	1177,4	-	109
1492		Refuerzo de 23x19.5 23x19.5 reinforcement	883,1	-	109
1493		Refuerzo de 30x10 30x10 reinforcement	824,2	-	109
15261		Marco para fijos Frame for fixed light	904,1	-	65
15641		Tapa marco superior con fijo Top frame cover with fixed light	237,7	-	78

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
1595		Refuerzo de 30x23 30x23 reinforcement	1130,3	-	110
16001		Junquillo 6,5 mm 6.5 mm glazing bead	181,8	-	80
16011		Junquillo de 9 mm 9 mm glazing bead	171,3	-	82
16021		Junquillo de 15 mm 15 mm glazing bead	193,5	-	82
16031		Junquillo de 20 mm 20 mm glazing bead	216,3	-	80
16041		Junquillo de 25 mm 25 mm glazing bead	258,9	-	80
16071		Junquillo 32 mm 32 mm glazing bead	281,8	-	81
16081		Junquillo 34 mm 34 mm glazing bead	289,8	-	81
1807		Alargadera de 85 mm 85 mm cill	1004,4	53,18	92
1809		Alargadera de 145 mm 145 mm cill	1455,3	78,63	92
1810		Umbral con enganche (Gris) Threshold with hook (Grey)	990,3	24,78	73
1813		Umbral (Gris) Threshold (Grey)	1003,8	25,92	73
1814		Complemento umbral apert. ext. Threshold complement for outward opening	348,3	17,8	74
1818		Complemento umbral para fijos Threshold complement for fixed lights	423,9	20,39	74

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
1827		Goterón hoja Drip cap for sash	280,8	13,01	75
18302		Marco doble enganche Frame with double hook	1220	-	59
18312		Marco enganche con solape 20 Frame with hook and 20 mm overlap	1379,5	-	60
18322		Marco enganche con solape 40 mm Frame with hook and 40 mm overlap	1532,5	-	60
18332		Marco enganche con solape 65 Frame with hook and 65 mm overlap	1726	-	61
18381		Complemento marco solape Complement for frame with overlaps	155	-	89
18402		Marco monoblock 100 mm 100 mm monoblock frame	1737,1	-	62
18412		Marco monobloc 120 mm 120 mm monoblock frame	1897,5	-	62
18422		Marco monobloc 140 mm 140 mm monoblock frame	2056	-	63
18432		Marco monobloc 160 mm 160 mm monoblock frame	2213	-	64
18442		Marco monobloc 180 mm 180 mm monoblock frame	2368	-	64
18452		Marco monobloc 200 mm 200 mm monoblock frame	2521	-	65
18501		Unión marcos con enganche Frame joint profile with hook	145	-	76
18601		Alargadera 100 para enganche 100 mm cill for hook	1040,2	-	92

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
18611		Alargadera 140 enganche 140 mm cill for hook	1354	-	93
1864		Remate enganches Hook finishing	118,8	3,9	89
18651		Ángulo 30x30 30x30 angle	186,5	-	84
18661		Ángulo de 120x120 con chaflán de 30 120x120 angle with 30 chamfer	709	-	87
18671		Ángulo de 100x100 100x100 angle	628,5	-	86
18701		Tapée 35 mm 35 mm cap	576,9	-	93
18721		Tapée 55 mm 55 mm cap	766	-	93
18741		Tapée 75 mm 75 mm cap	925	-	93
18761		Tapée 95 mm 95 mm cap	1114	-	94
18781		Tapée 115 mm 115 mm cap	1273,2	-	94
18801		Tapée 135 mm 135 mm cap	1462,4	-	94
1890		Refuerzo de 30 x 17 30 x 17 reinforcement	989,1	-	110
1892		Refuero U de 8X18X8 8X18X8 U reinforcement	347,8	-	110
1893		Refuerzo de 63x21 63x21 reinforcement	1031,4	26,09	110

SISTEMA PVC A 70 ABISAGRADA
Relación de perfiles

PVC SYSTEM A 70 HINGED
Profile list

REFERENCIA REFERENCE	DISEÑO DESIGN	DESCRIPCIÓN DESCRIPTION	PESO WEIGHT (g/m)	SUPERF. SURFACE (dm^2/m)	PÁG PAG
770199		Tubo de 35 mm x 25 mm 35 mm x 25 mm tube	604,8	22,4	102
COR-1175		Alargadera 75 mm 75 mm cill	615,6	30,16	95
COR-1410		Lama hoja de contra Shutter sash louvre	818,1	-	79
COR-1463		Guía central doble 40 mm 40 mm central double guide	1787,4	73,45	97
COR-2366		Lama contra de ventana Window shutter louvre	796,5	47,49	80
COR-2849		Portacepillos puerta CC16 Door wool pile holder	199,8	8,8	89
COR-4750		Refuerzo 40x50 mm 40x50 mm reinforcement	1147,5	40,9	111
COR-7228		Hoja de contra Shutter sash	534,6	28,1	79
COR-8296		Goterón Drip cap	116,1	7,37	102
COR-9214		Tapeta Cover	129,6	8,52	78

A 70 ABISAGRADA
A 70 HINGED

2. PERFILES A ESCALA
2. PROFILES TO SCALE

IMPORTANTE

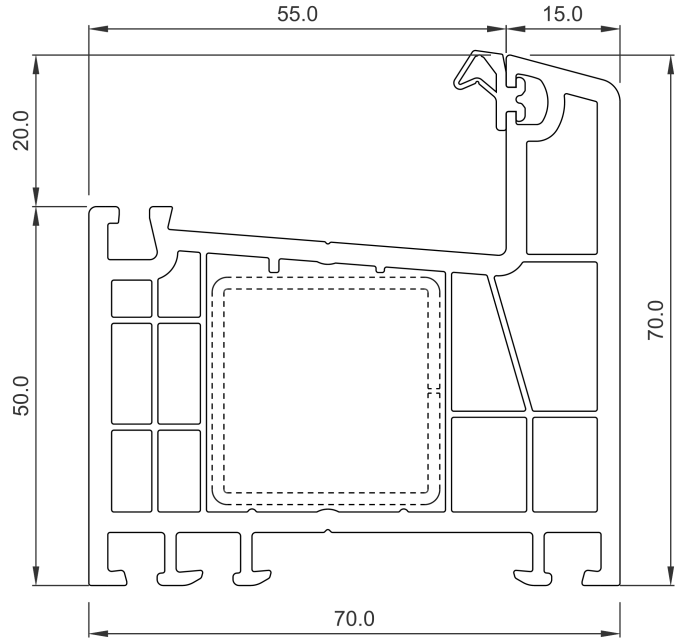
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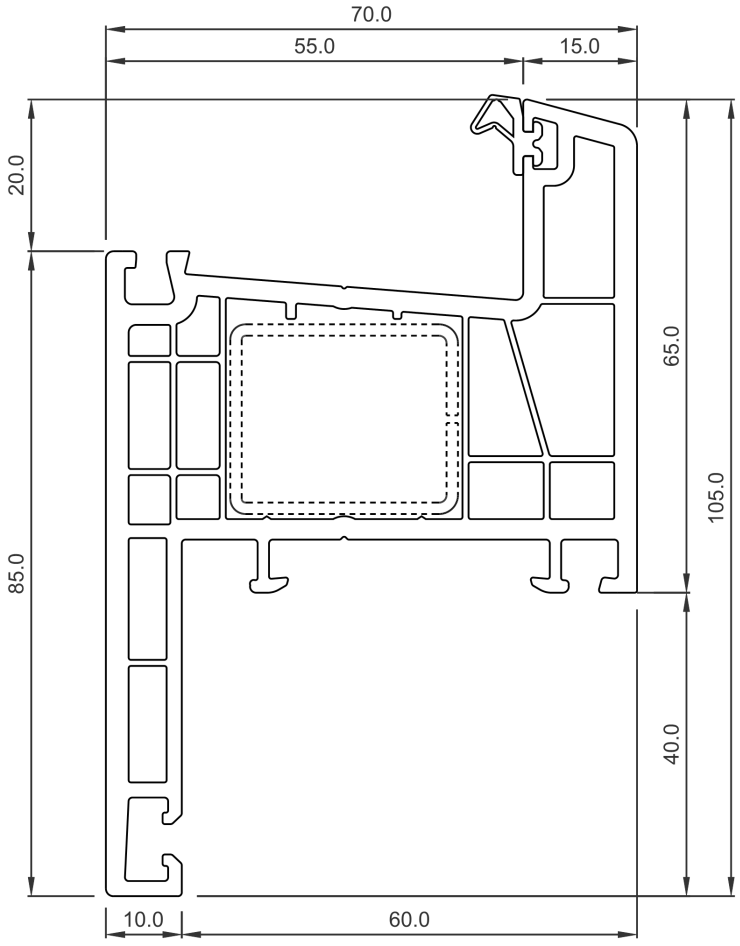
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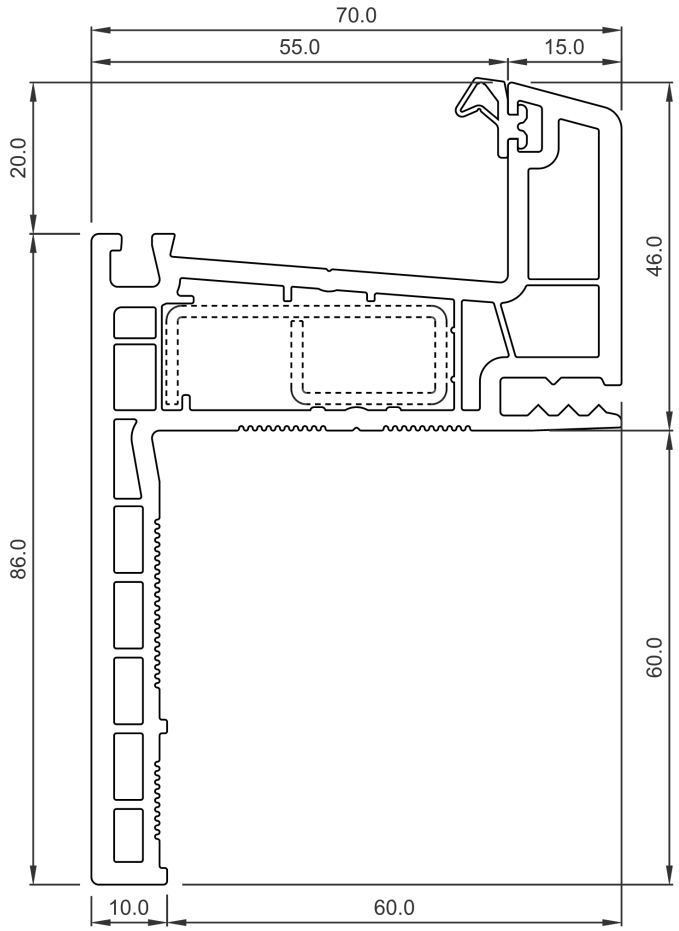
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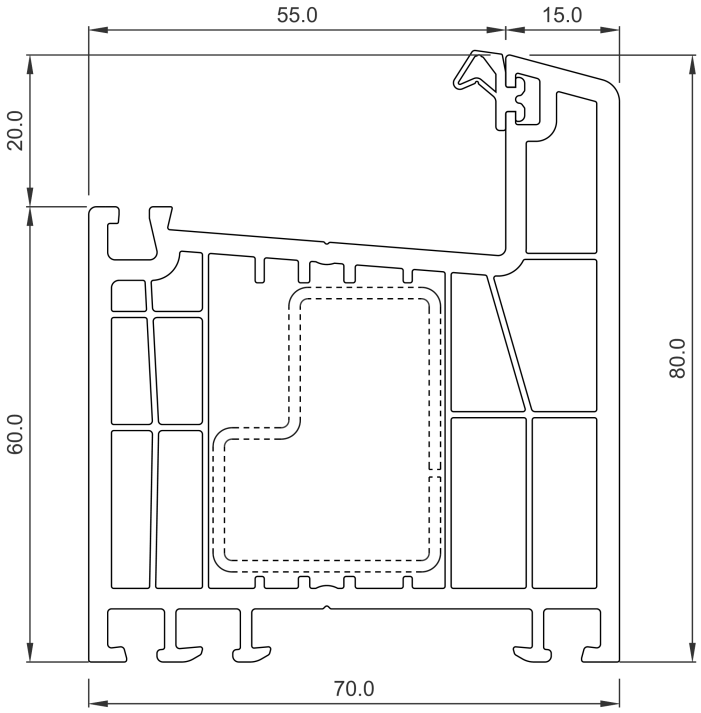
13301	
Descripción Description	Marco Frame
Peso Weight **(g/m)**	1503,1
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1387 1390 1391
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



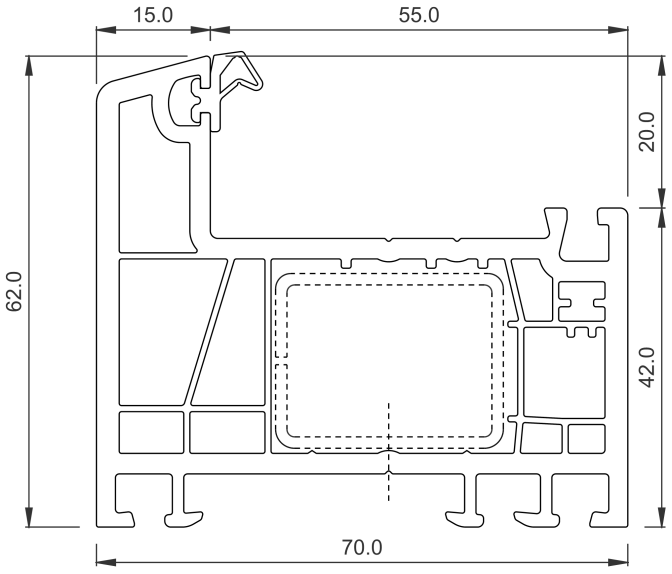
13311	
Descripción Description	Marco con solape 40 mm Frame with 40 mm overlap
Peso Weight **(g/m)**	1735,9
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1490
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



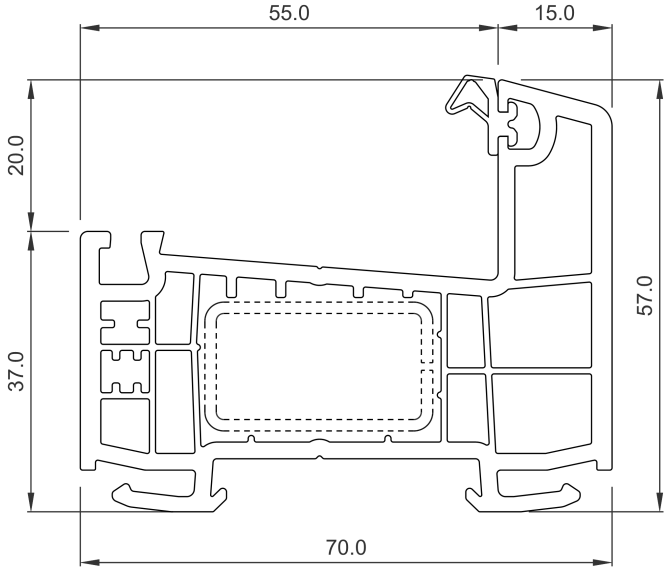
13321	
Descripción Description	Marco de enganche con solape 60 mm Hook frame with 40 mm overlap
Peso Weight **(g/m)**	1627,6
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1386
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



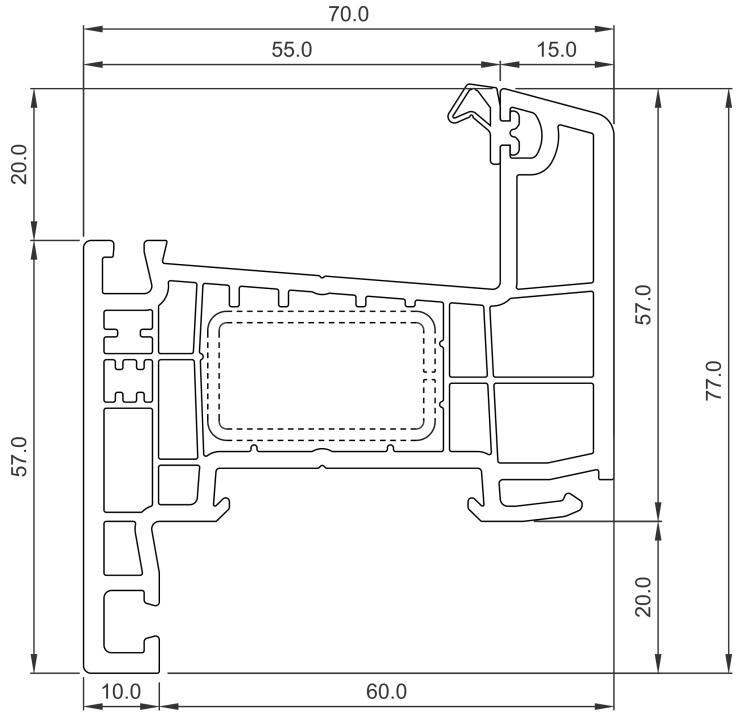
13331	
Descripción Description	Marco de puerta Door frame
Peso Weight **(g/m)**	1666,9
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1383 1389
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



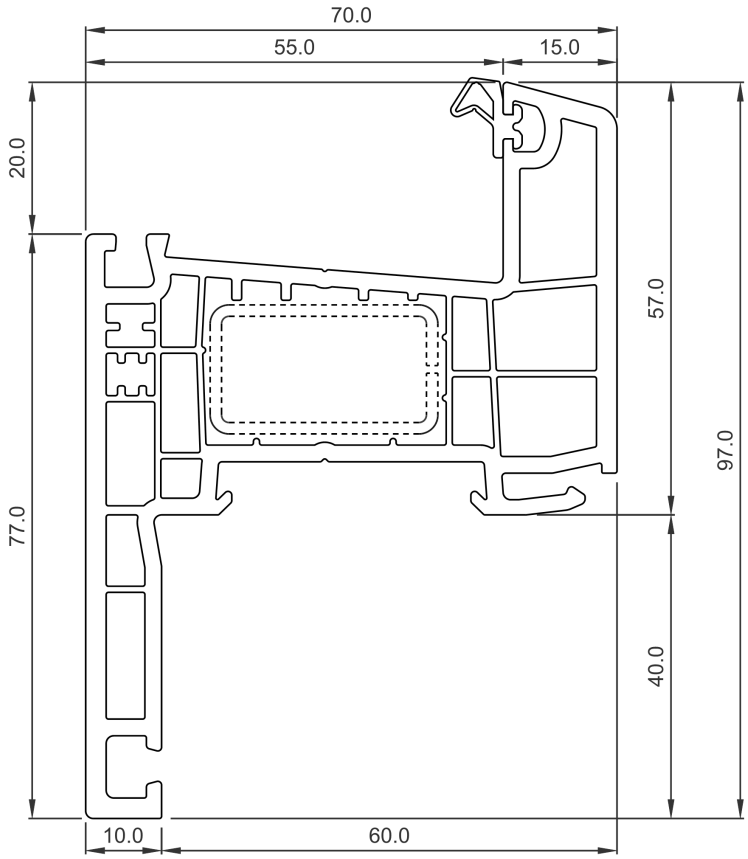
13341	
Descripción Description	Marco apertura exterior Outward opening frame
Peso Weight **(g/m)**	1384
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1595
Juntas Gaskets	331222 361102



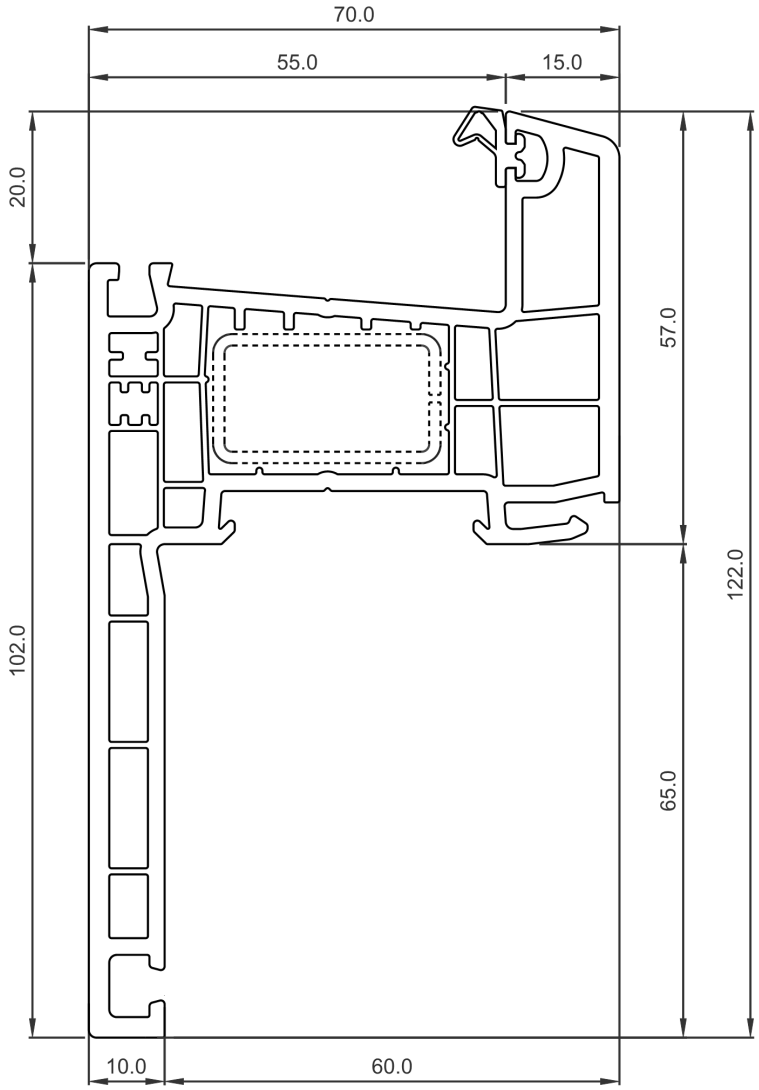
18302	
Descripción Description	Marco doble enganche Frame with double hook
Peso Weight **(g/m)**	1220
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1890
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



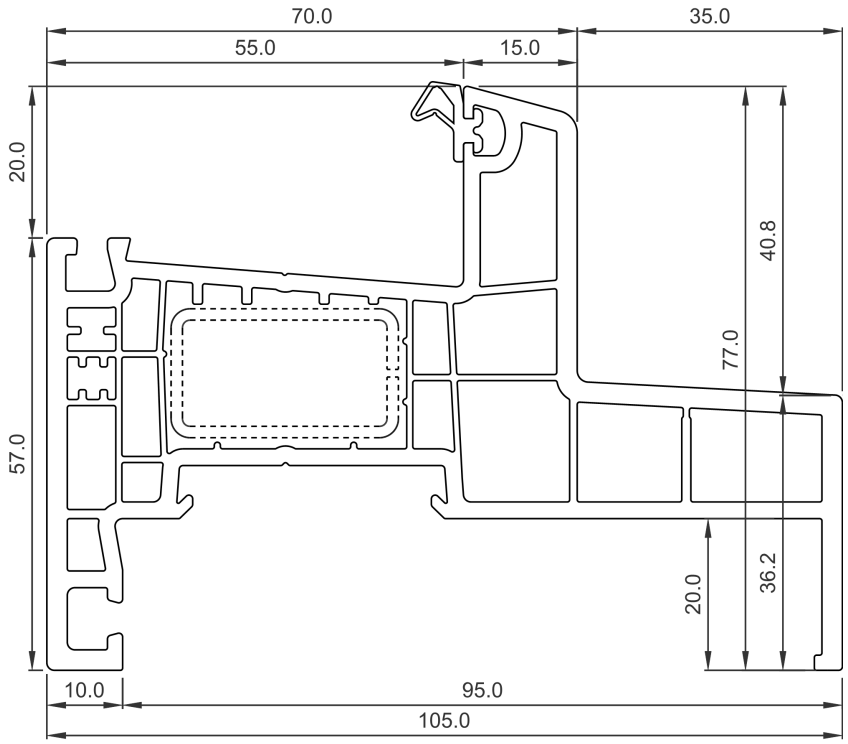
18312	
Descripción Description	Marco enganche con solape 20 Frame with hook and 20 mm overlap
Peso Weight **(g/m)**	1379,5
Material Material	PVC de co-extrusion Co-extrusion PVC
Refuerzo Reinforcement	1890
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



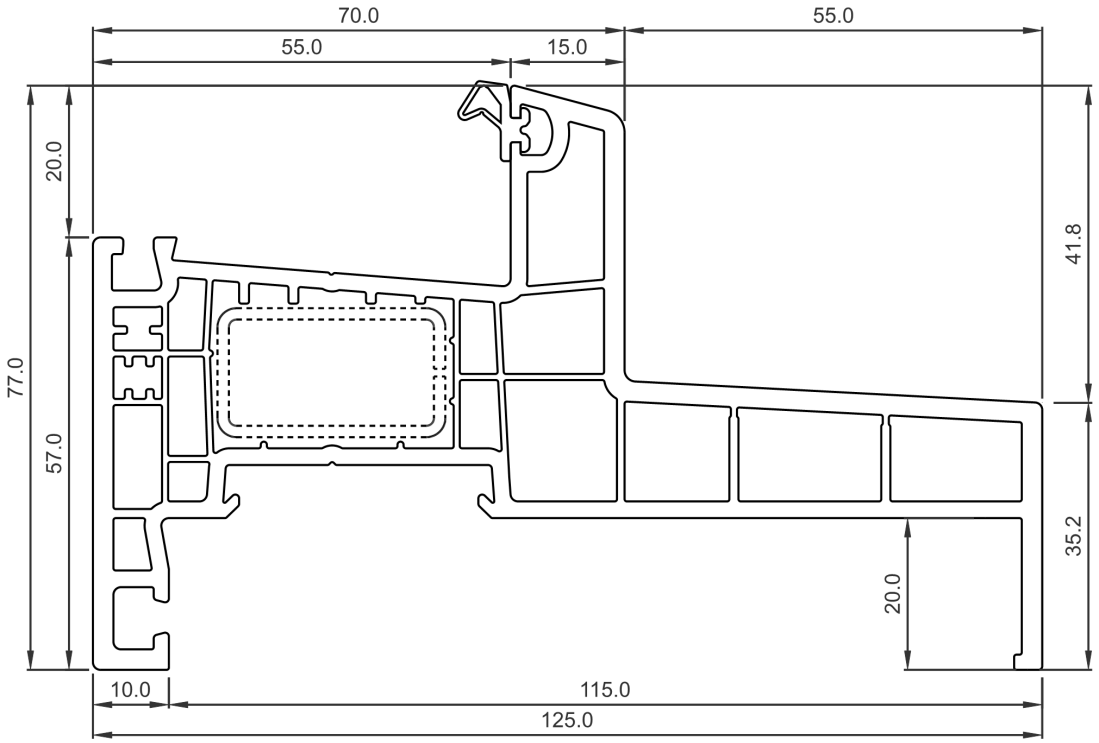
18322	
Descripción Description	Marco enganche con solape 40 mm Frame with hook and 40 mm overlap
Peso Weight **(g/m)**	1532,5
Material Material	PVC de co-extrusion Co-extrusion PVC
Refuerzo Reinforcement	1890
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



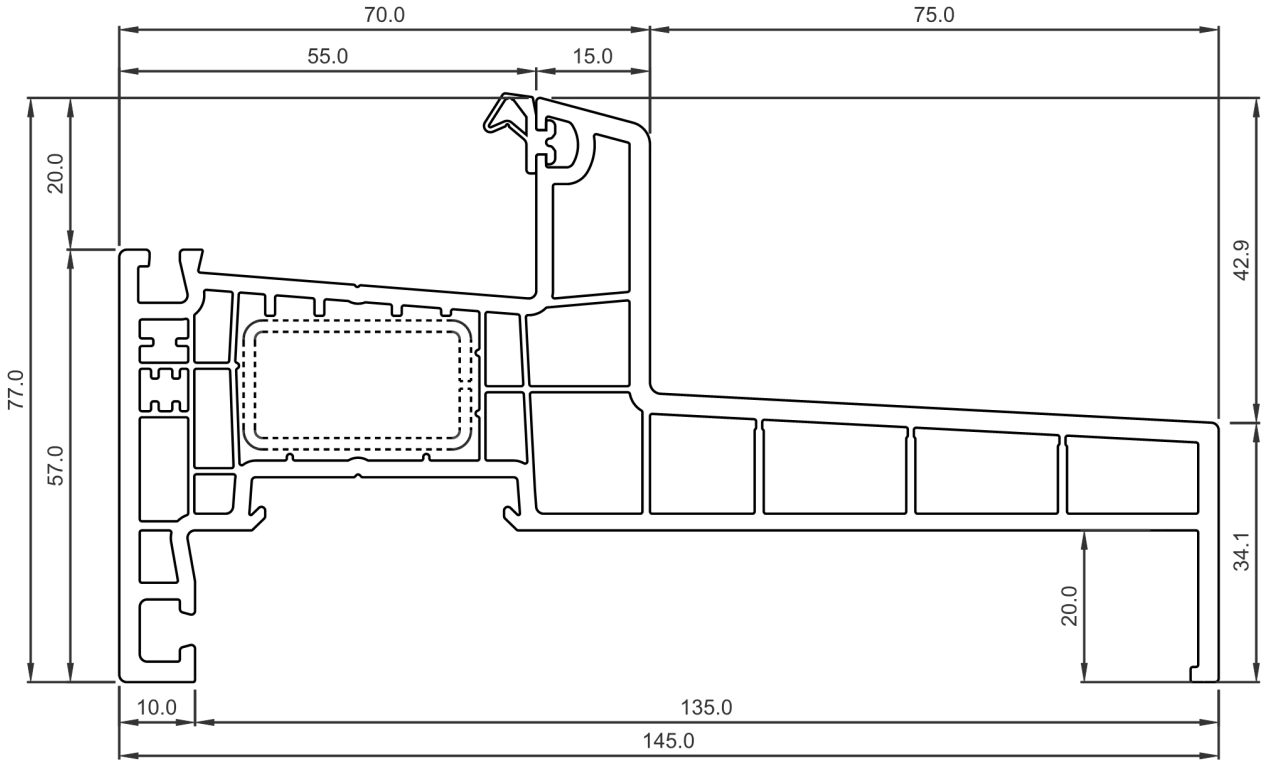
18332	
Descripción **Description**	Marco enganche con solape 65 Frame with hook and 65 mm overlap
Peso **Weight** **(g/m)**	1726
Material **Material**	PVC de co-extrusion Co-extrusion PVC
Refuerzo **Reinforcement**	1890
Juntas **Gaskets**	331222 361102
Asiento vidrio **Glazing wedge**	331310



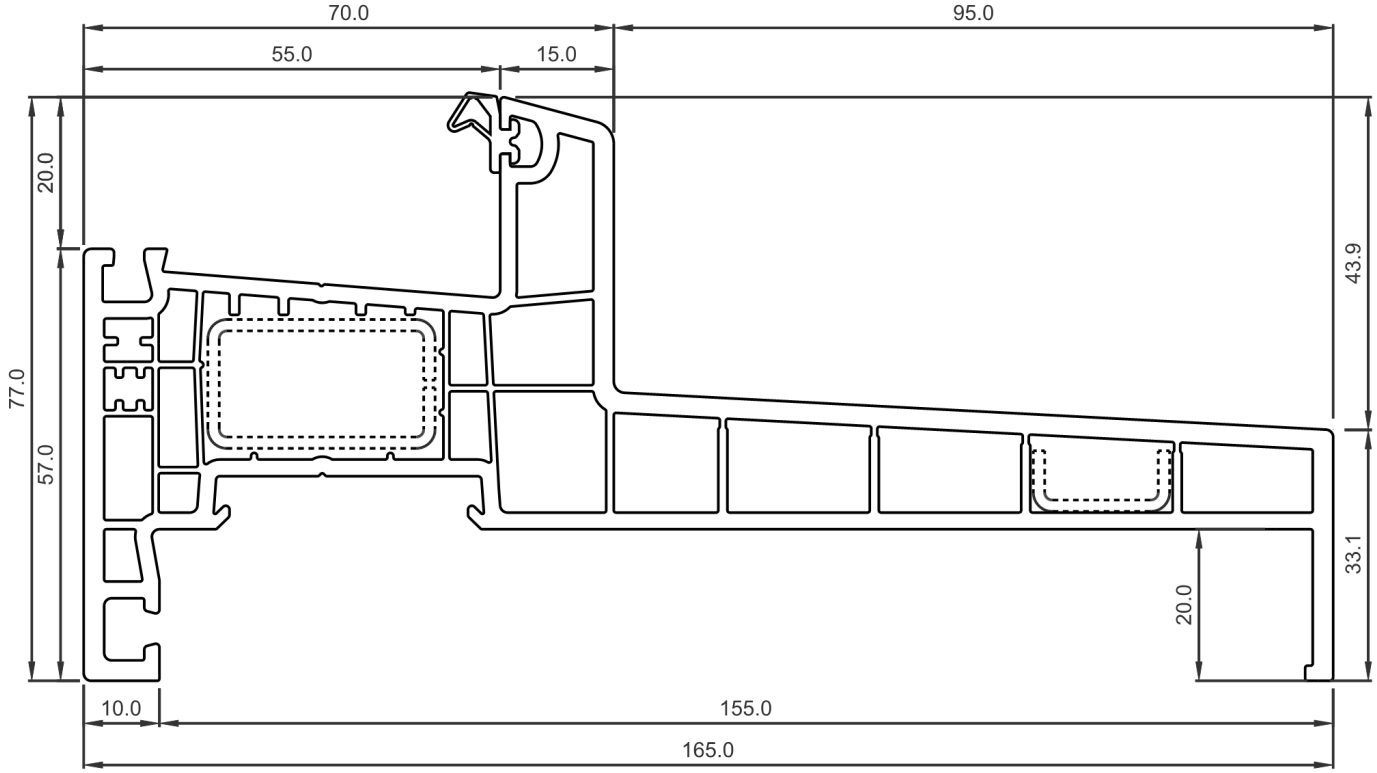
18402	
Descripción Description	Marco monoblock 100 mm 100 mm monoblock frame
Peso Weight **(g/m)**	1737,1
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1890
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



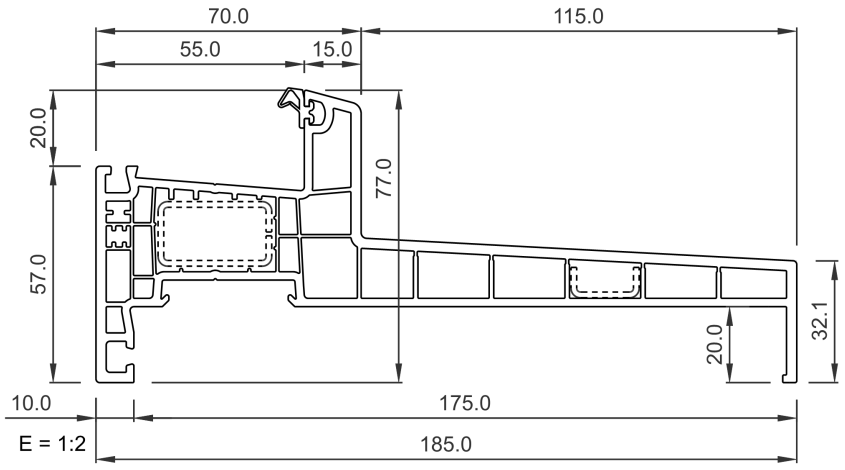
18412	
Descripción Description	Marco monobloc 120 mm 120 mm monoblock frame
Peso Weight **(g/m)**	1897,5
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



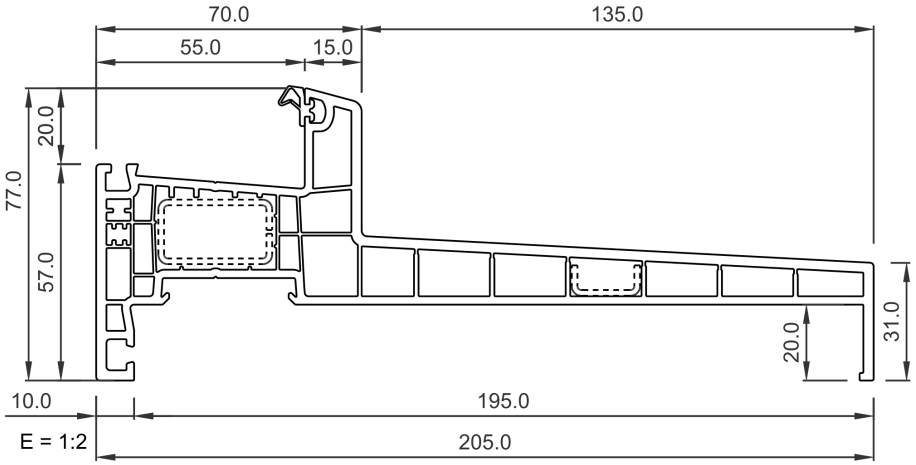
18422	
Descripción Description	Marco monobloc 140 mm 140 mm monoblock frame
Peso Weight **(g/m)**	2056
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



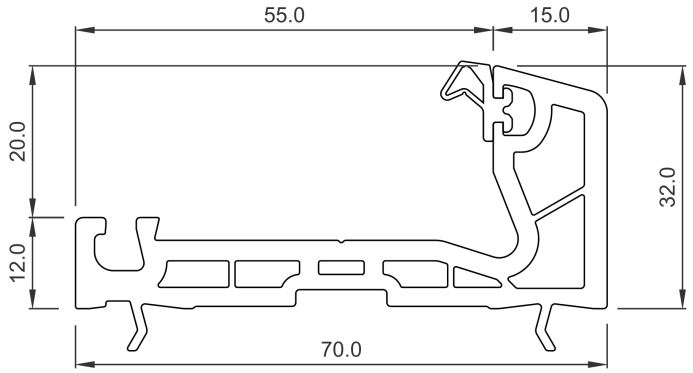
18432	
Descripción Description	Marco monobloc 160 mm 160 mm monoblock frame
Peso Weight **(g/m)**	2213
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1890 1892
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



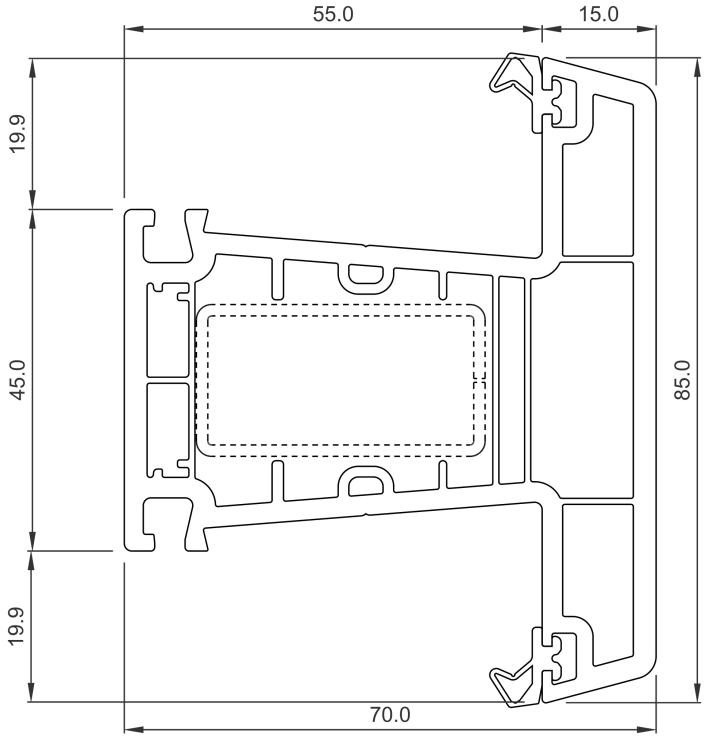
18442	
Descripción Description	Marco monobloc 180 mm 180 mm monoblock frame
Peso Weight **(g/m)**	2368
Material Material	PVC de co-extrusion Co-extrusion PVC
Refuerzo Reinforcement	1890 1892
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



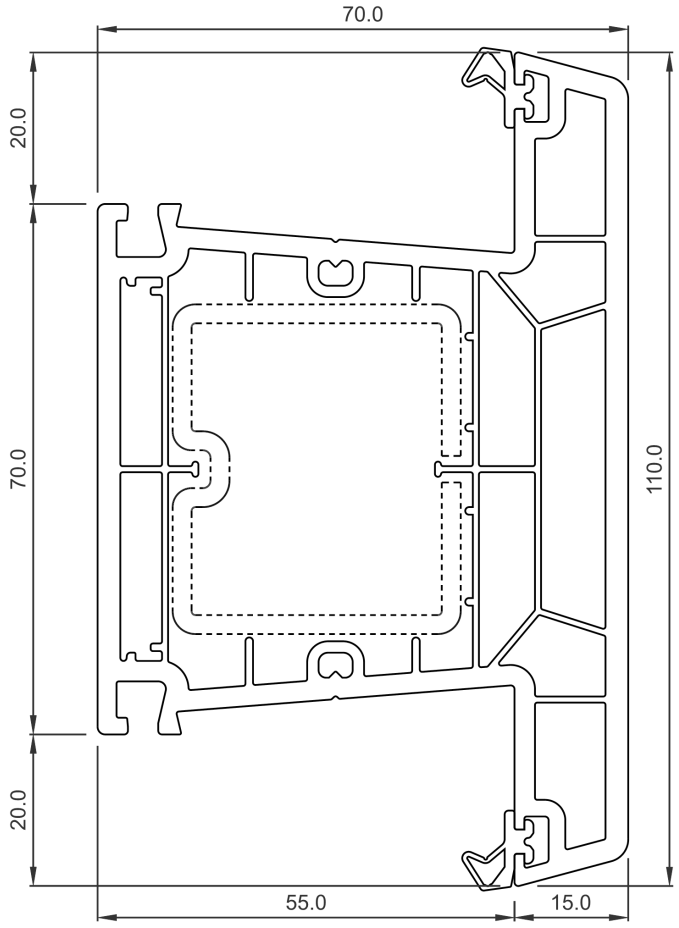
18452	
Descripción Description	Marco monobloc 200 mm 200 mm monoblock frame
Peso Weight **(g/m)**	2521
Material Material	PVC de co-extrusion Co-extrusion PVC
Refuerzo Reinforcement	1890 1892
Juntas Gaskets	331222 361102
Asiento vidrio Glazing wedge	331310



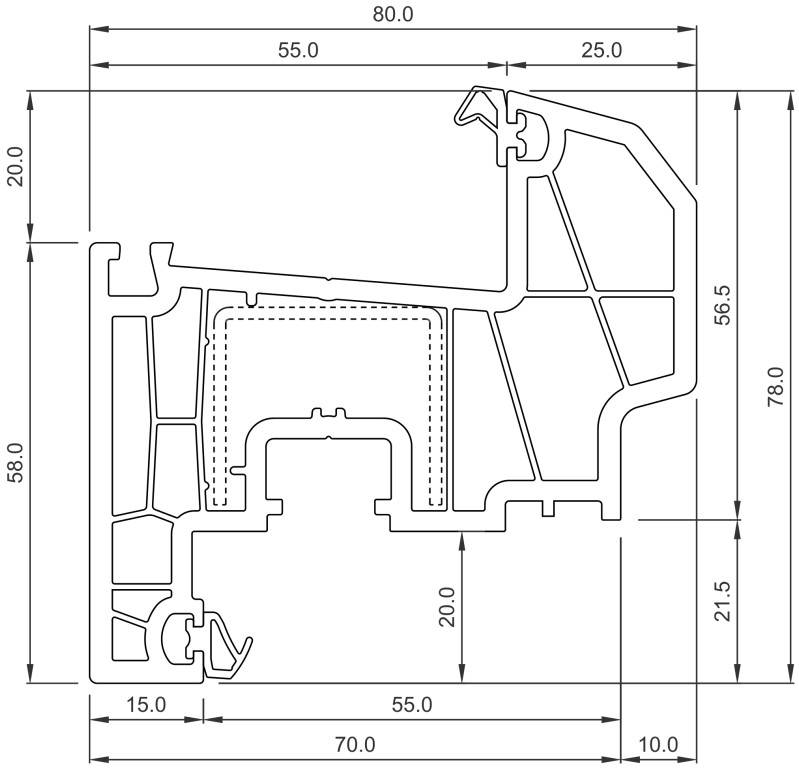
15261	
Descripción Description	Marco para fijos Frame for fixed light
Peso Weight **(g/m)**	904,1
Material Material	PVC PVC
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	351300



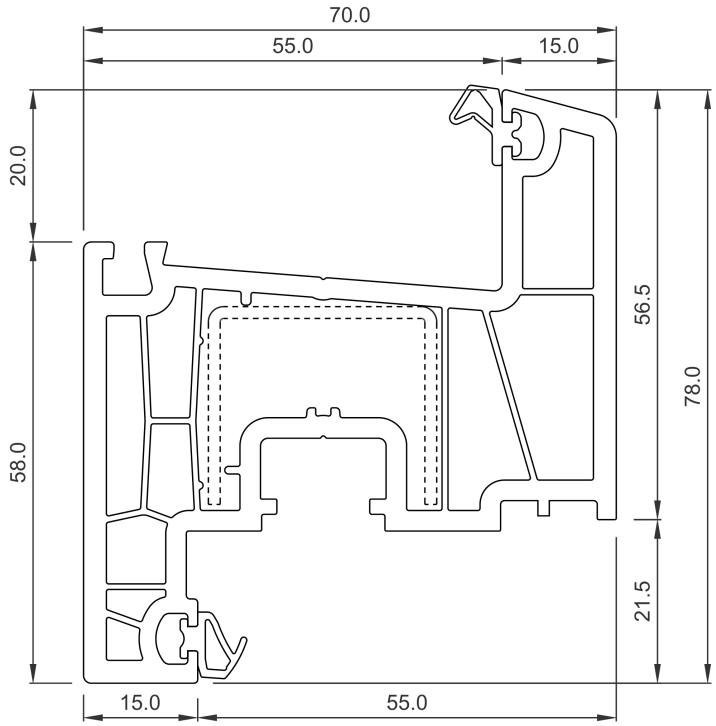
13501	
Descripción Description	Travesaño Transom
Peso Weight **(g/m)**	1623,2
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1395
Fresa Milling cutter	331390
Juntas Gaskets	331222 361102
Tope travesaño interior Internal transom stop	331352 411342
Asiento vidrio Glazing wedge	331310



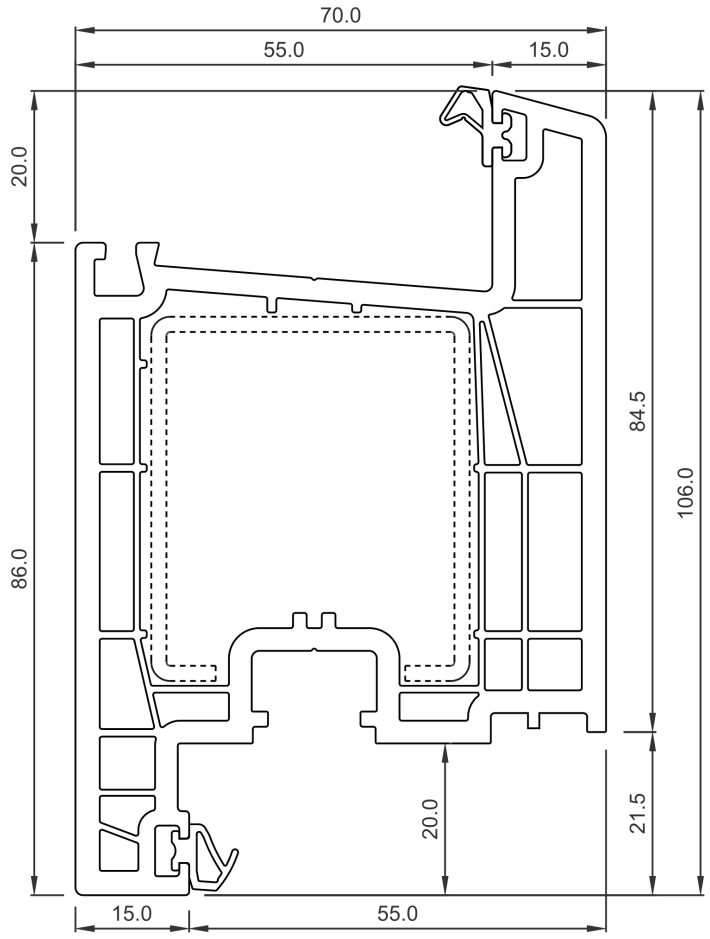
13521	
Descripción Description	Travesaño ancho Wide transom
Peso Weight **(g/m)**	2005,3
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1298 1395
Juntas Gaskets	331222 361102
Tope travesaño interior Internal transom stop	361352 411346
Asiento vidrio Glazing wedge	331310



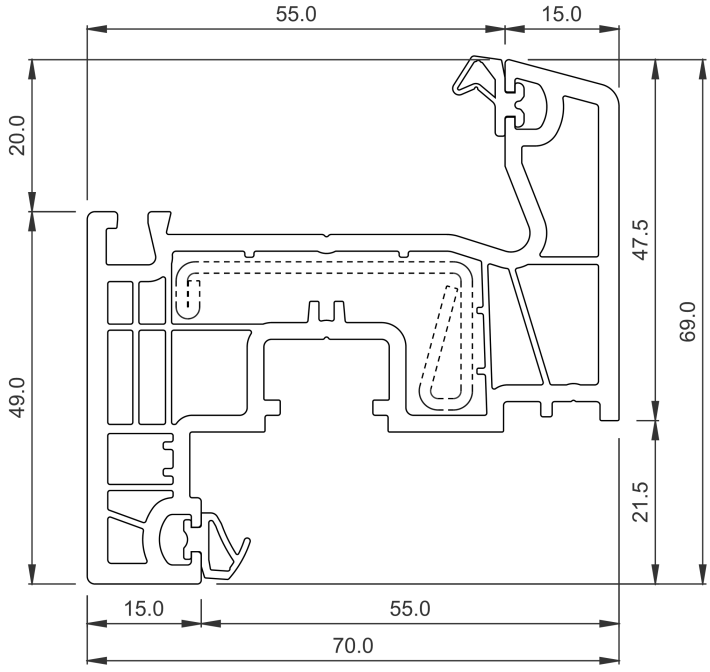
13211	
Descripción Description	Hoja ventana semienrasada Semi-flush window sash
Peso Weight **(g/m)**	1713,5
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1387 1391
Asiento vidrio Glazing wedge	331310



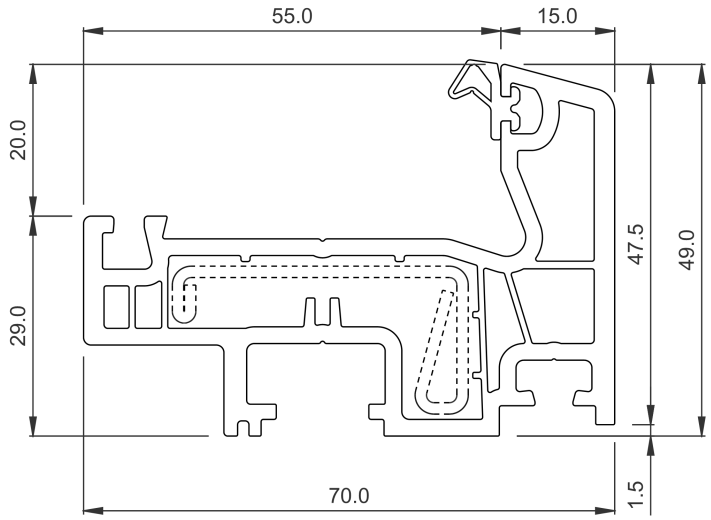
13201	
Descripción Description	Hoja ventana Window sash
Peso Weight **(g/m)**	1616
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1387 1391
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	331310



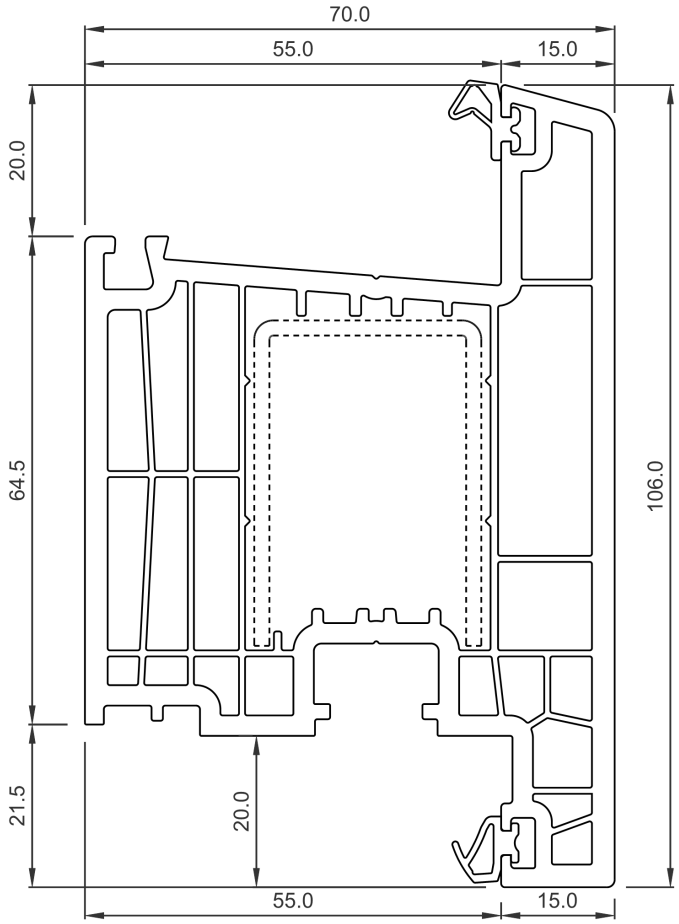
13221	
Descripción **Description**	Hoja balconera Balcony sash
Peso **Weight** **(g/m)**	2127
Material **Material**	PVC de co-extrusión Co-extrusion PVC
Refuerzo **Reinforcement**	1378 1379
Escuadra principal **Main corner cleat**	401322
Juntas **Gaskets**	361102
Asiento vidrio **Glazing wedge**	331310
Observaciones **Observations**	Escuadra 401322 válida con refuerzo 1378 Bracket 401322 valid with reinforcement 1378



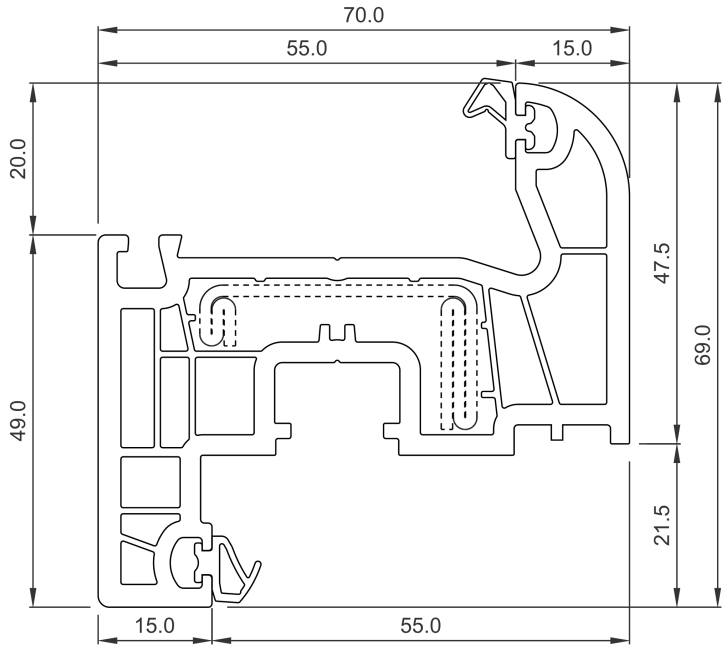
13132	
Descripción **Description**	Hoja recta Straight sash
Peso **Weight** **(g/m)**	1381
Material **Material**	PVC de co-extrusión Co-extrusion PVC
Refuerzo **Reinforcement**	1377
Juntas **Gaskets**	361102
Asiento vidrio **Glazing wedge**	351300



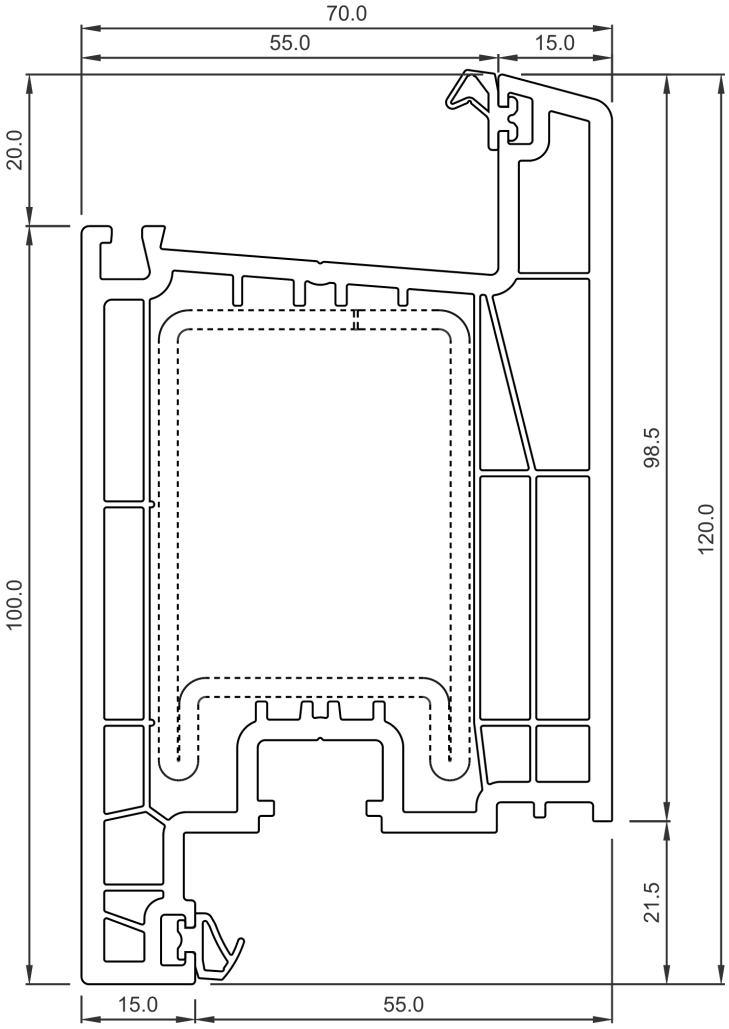
13142	
Descripción Description	Hoja recta inversora Straight inverted sash
Peso Weight **(g/m)**	1079
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1377
Tapas Covers	411373
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	351300



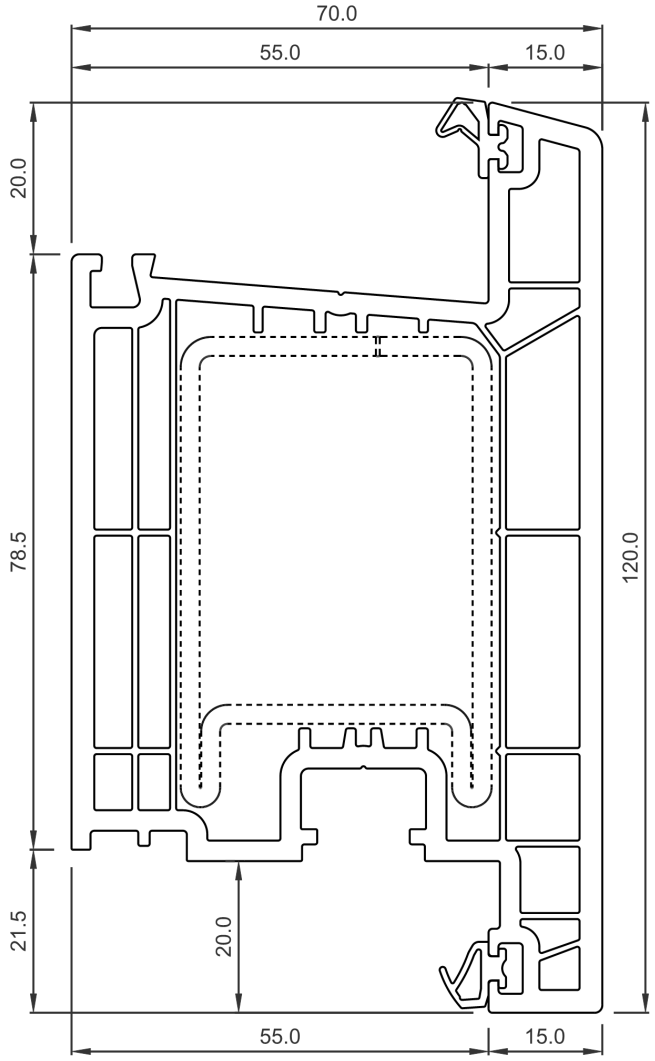
13261	
Descripción Description	Hoja balconera apert.Ext. Outward opening balcony sash
Peso Weight **(g/m)**	2125,4
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1383 1392 1394
Escuadra principal Main corner cleat	331323
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	331310
Observaciones Observations	Escuadra 331323 válida con refuerzo 1394 Cleat 331323 valid with reinforcement 1394



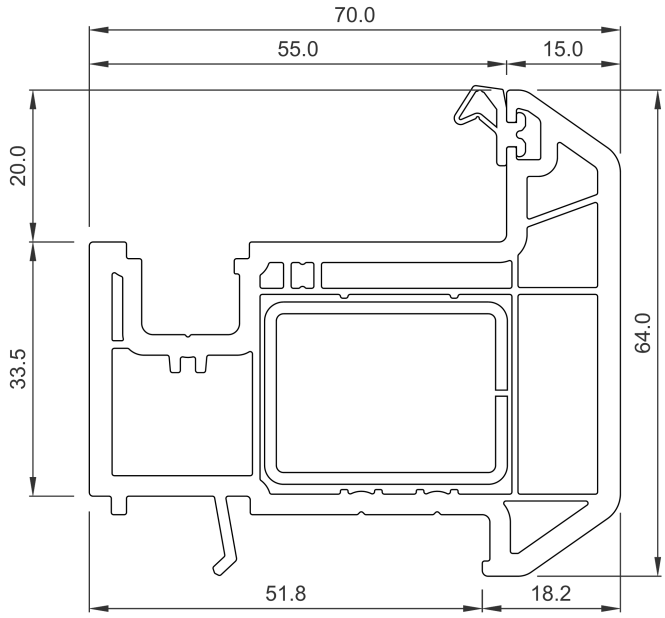
13191	
Descripción Description	Hoja curva de ventana Curved window sash
Peso Weight **(g/m)**	1504,4
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1384 1388
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	351300



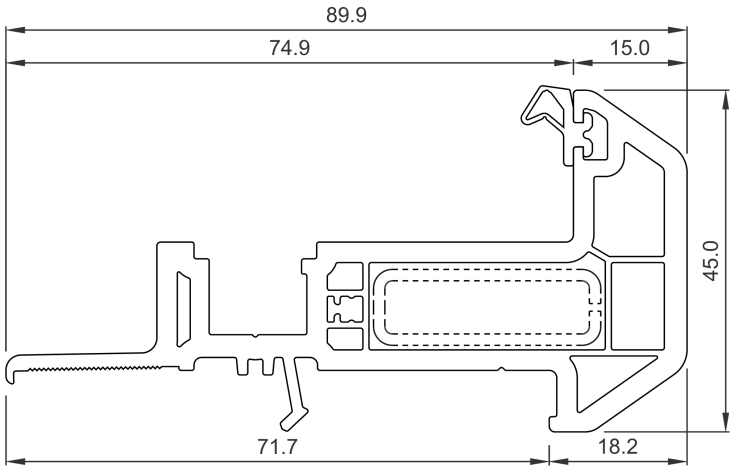
13231	
Descripción Description	Hoja puerta Door sash
Peso Weight **(g/m)**	2250,4
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1382 1399
Escuadra principal Main corner cleat	351323
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	331310



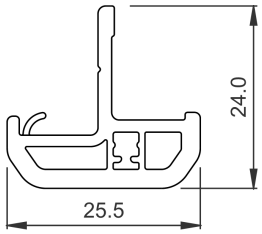
13271	
Descripción Description	Hoja puerta apert. Ext. Outward opening door sash
Peso Weight **(g/m)**	2190,9
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1382 1399
Escuadra principal Main corner cleat	351323
Juntas Gaskets	361102
Asiento vidrio Glazing wedge	331310



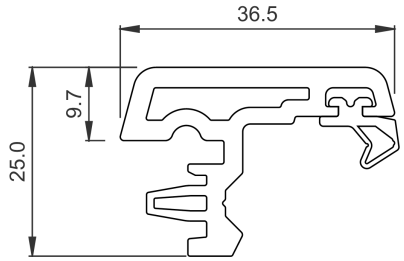
13401	
Descripción Description	Inversor Inverter
Peso Weight **(g/m)**	1353,3
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1396
Tapas Covers	351343 351347
Juntas Gaskets	361102



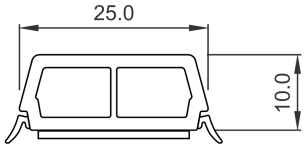
13411	
Descripción Description	Inversor ventana Window inverter
Peso Weight **(g/m)**	1060,8
Material Material	PVC de co-extrusión Co-extrusion PVC
Refuerzo Reinforcement	1493
Tapas Covers	351337 351377
Juntas Gaskets	361102



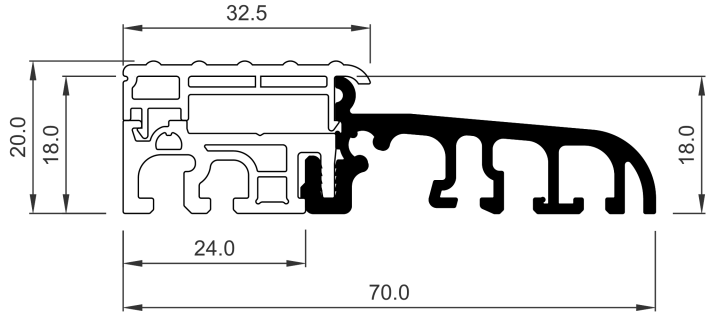
13421	
Descripción Description	Perfil batiente interior Inner jamb profile
Peso Weight **(g/m)**	235,4
Material Material	PVC de co-extrusión Co-extrusion PVC
Tapas Covers	351357



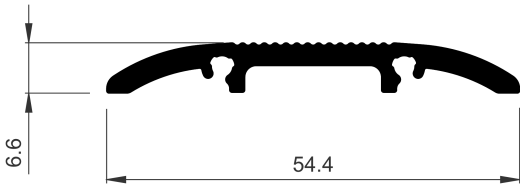
13432	
Descripción Description	Inversor exterior Outer inverter
Peso Weight **(g/m)**	440
Material Material	PVC de co-extrusión Co-extrusion PVC
Tapas Covers	411363



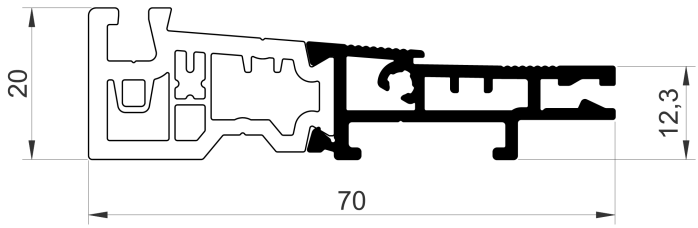
13751	
Descripción Description	Barrotillo divisor 25 mm 25 mm glazing bar
Peso Weight **(g/m)**	167,8
Material Material	PVC de co-extrusión Co-extrusion PVC



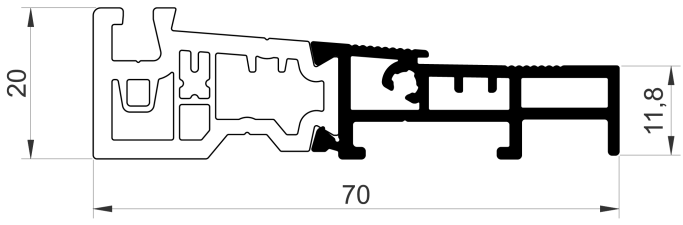
1366	
Descripción Description	Umbral balconera Balcony threshold
Peso Weight **(g/m)**	956
Material Material	PVC y aluminio PVC and aluminium
Cortavientos Wind Centre Seal	351292



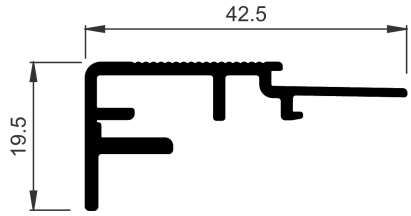
1369	
Descripción Description	Solera reducida Reduced sub-cill
Peso Weight **(g/m)**	464,4
Superficie Surface **(dm²/m)**	14,06
Ix (cm⁴)	0,05
Iy (cm⁴)	4,08
Material Material	Aluminio Aluminium
Tapas Covers	351290
Cortavientos Wind Centre Seal	351292
Tornillería Screws	341113 823525



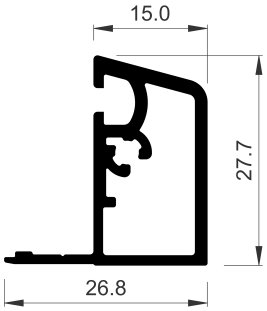
1810	
Descripción Description	Umbral con enganche (Gris) Threshold with hook (Grey)
Peso Weight **(g/m)**	990,3
Superficie Surface **(dm²/m)**	24,78
Ix (cm⁴)	0,29
Iy (cm⁴)	2,72
Material Material	PVC y aluminio PVC and aluminium
Observaciones Observations	Ref. 1816 umbral con enganche (Negro) Ref. 1816 threshold with hook (Black)



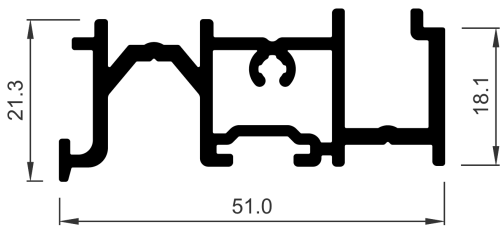
1813	
Descripción Description	Umbral (Gris) Threshold (Grey)
Peso Weight **(g/m)**	1003,8
Superficie Surface **(dm²/m)**	25,92
Ix (cm⁴)	0,33
Iy (cm⁴)	3,04
Material Material	PVC y aluminio PVC and aluminium
Observaciones Observations	Ref. 1817 umbral (Negro) Ref. 1817 threshold (Black)



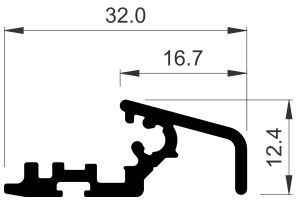
1814	
Descripción Description	Complemento umbral apert. ext. Threshold complement for outward opening
Peso Weight **(g/m)**	348,3
Superficie Surface **(dm²/m)**	17,8
Ix (cm⁴)	0,3
Iy (cm⁴)	1,76
Material Material	Aluminio Aluminium
Observaciones Observations	Disponible en anodizado natural mate y anodizado negro mate Availability in matte silver and matte black



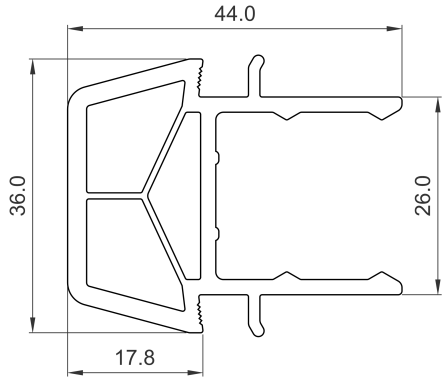
1818	
Descripción Description	Complemento umbral para fijos Threshold complement for fixed lights
Peso Weight **(g/m)**	423,9
Superficie Surface **(dm²/m)**	20,39
Ix (cm⁴)	1,27
Iy (cm⁴)	0,65
Material Material	Aluminio Aluminium



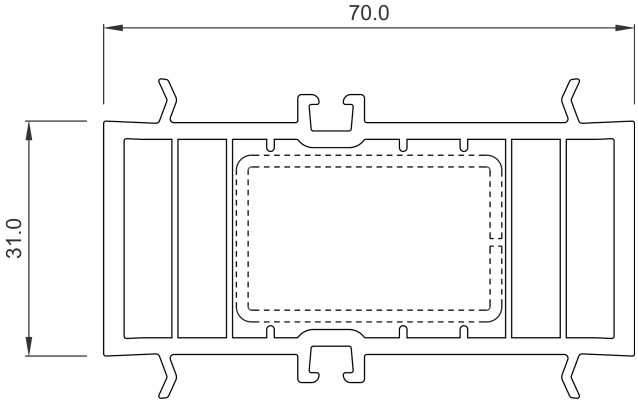
1315	
Descripción Description	Remate inferior hoja puerta Door sash finishing bottom profile
Peso Weight **(g/m)**	753,3
Superficie Surface **(dm²/m)**	32,78
Ix (cm⁴)	0,97
Iy (cm⁴)	6,74
Material Material	Aluminio Aluminium
Tapas Covers	351294
Juntas Gaskets	207003 307600



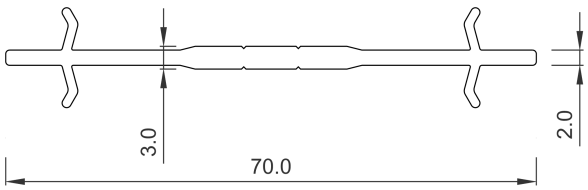
1827	
Descripción Description	Goterón hoja Drip cap for sash
Peso Weight **(g/m)**	280,8
Superficie Surface **(dm²/m)**	13,01
Ix (cm⁴)	0,14
Iy (cm⁴)	0,79
Material Material	Aluminio Aluminium
Tapas Covers	420152



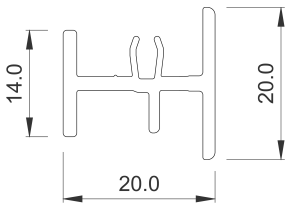
12411	
Descripción Description	Unión reforzada de marcos Frames reinforced joint
Peso Weight **(g/m)**	548,8
Material Material	PVC PVC
Refuerzo Reinforcement	1290 1696



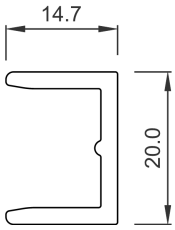
12421	
Descripción Description	Unión tubular de marcos Tubular frames joint
Peso Weight **(g/m)**	899
Material Material	PVC PVC
Refuerzo Reinforcement	1291
Juntas Gaskets	351202



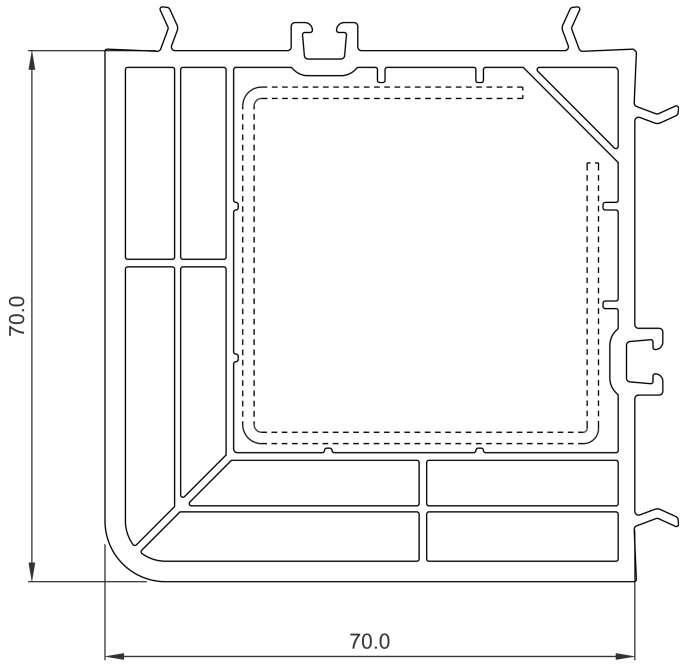
12431	
Descripción Description	Unión de Marcos Oculta Hidden frames joint
Peso Weight **(g/m)**	274,6
Material Material	PVC PVC



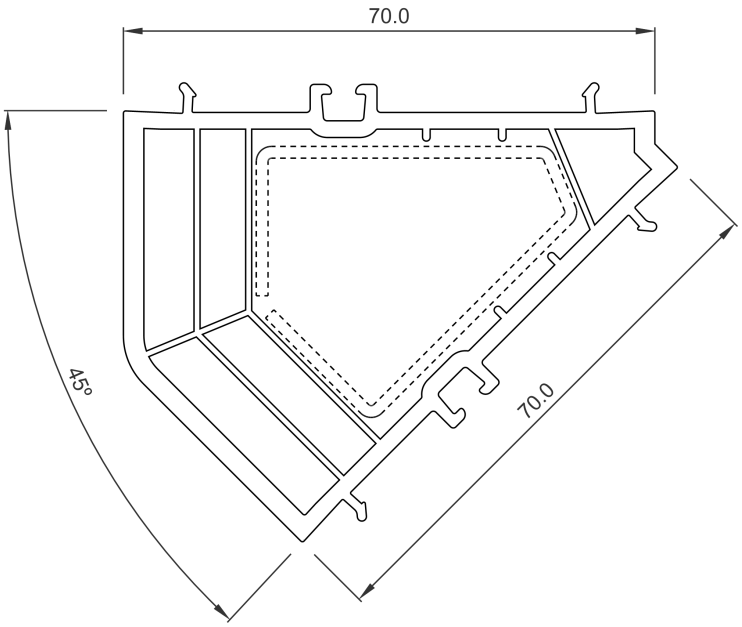
12441	
Descripción Description	Unión de marcos semioculta Semi-hidden frames joint
Peso Weight **(g/m)**	152,8
Material Material	PVC PVC



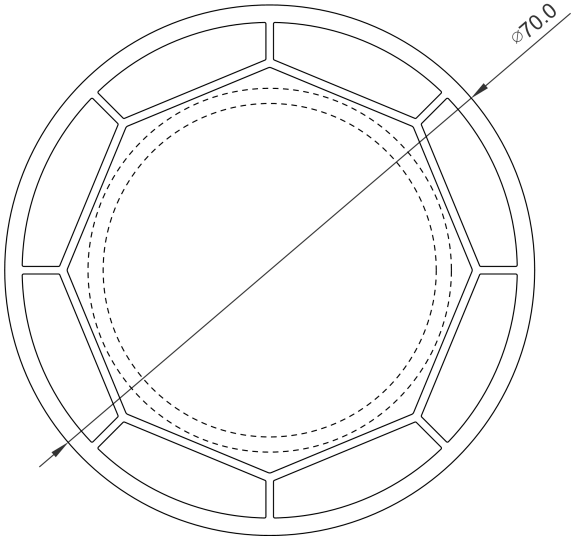
18501	
Descripción Description	Unión marcos con enganche Frame joint profile with hook
Peso Weight **(g/m)**	145
Material Material	PVC PVC



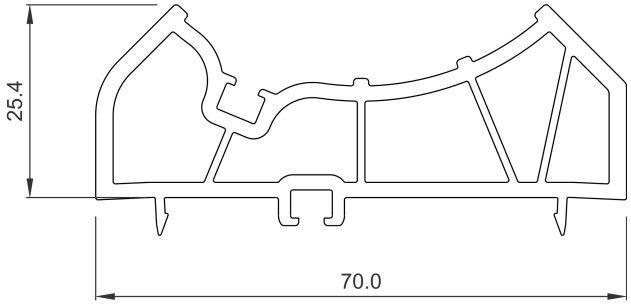
12501	
Descripción Description	Esquinero recto Straight corner piece
Peso Weight **(g/m)**	1457
Material Material	PVC PVC
Refuerzo Reinforcement	1295
Juntas Gaskets	351202



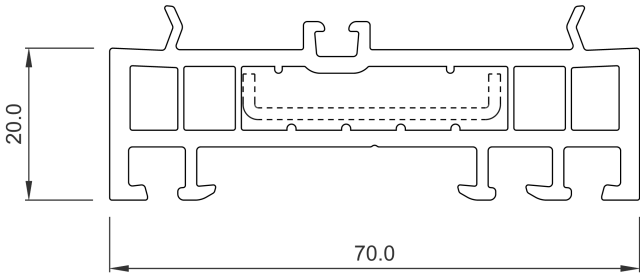
12511	
Descripción Description	Esquinero 45º 45º corner piece
Peso Weight **(g/m)**	941,1
Material Material	PVC PVC
Refuerzo Reinforcement	1296
Juntas Gaskets	351202



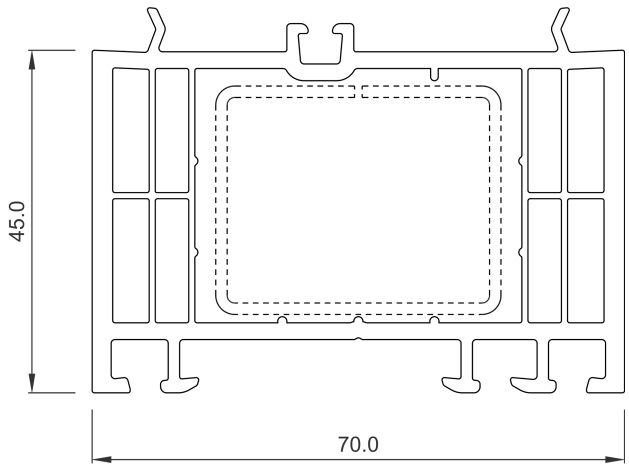
12521	
Descripción Description	Esquinero regulable Adjustable corner piece
Peso Weight **(g/m)**	1054,2
Material Material	PVC PVC
Refuerzo Reinforcement	1297



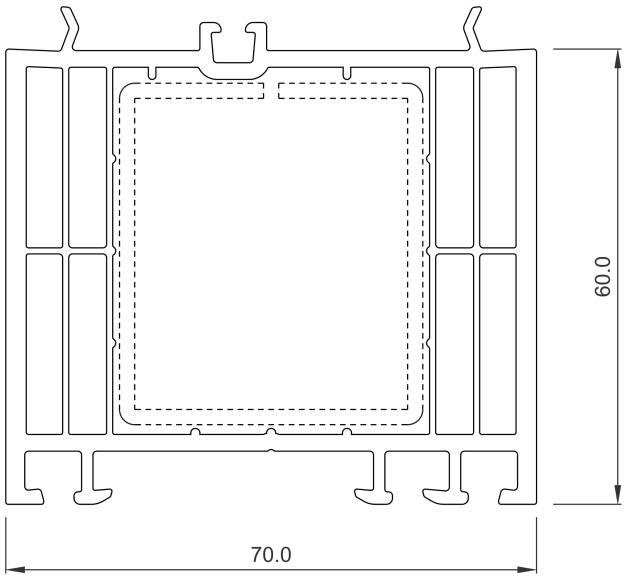
12531	
Descripción Description	Adaptador de ángulo variable Variable angle adapter
Peso Weight **(g/m)**	690,2
Material Material	PVC PVC
Juntas Gaskets	351202



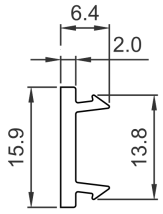
12451	
Descripción Description	Ensanche 20 mm de marcos 20 mm frame broadening
Peso Weight **(g/m)**	756
Material Material	PVC PVC
Refuerzo Reinforcement	1292
Juntas Gaskets	351202



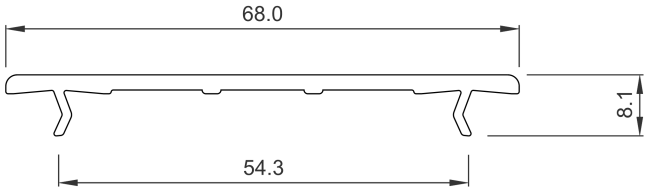
12461	
Descripción Description	Ensanche 45 mm de marcos 45 mm frame broadening
Peso Weight **(g/m)**	1100
Material Material	PVC PVC
Refuerzo Reinforcement	1383
Juntas Gaskets	351202



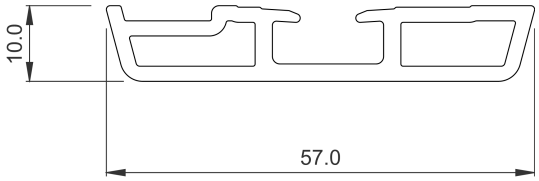
12471	
Descripción Description	Ensanche 60 mm de marcos 60 mm frame broadening
Peso Weight **(g/m)**	1296
Material Material	PVC PVC
Refuerzo Reinforcement	1294
Juntas Gaskets	351202



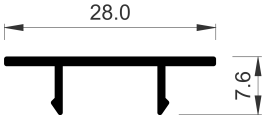
13161	
Descripción Description	Tapa C16 16 trunking cover
Peso Weight **(g/m)**	62,4
Material Material	PVC PVC



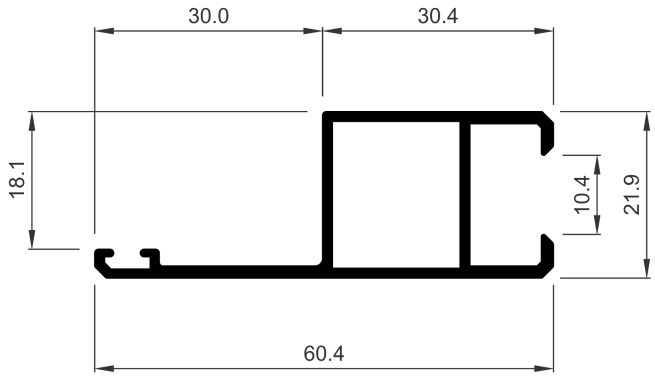
15641	
Descripción Description	Tapa marco superior con fijo Top frame cover with fixed light
Peso Weight **(g/m)**	237,7
Material Material	PVC PVC



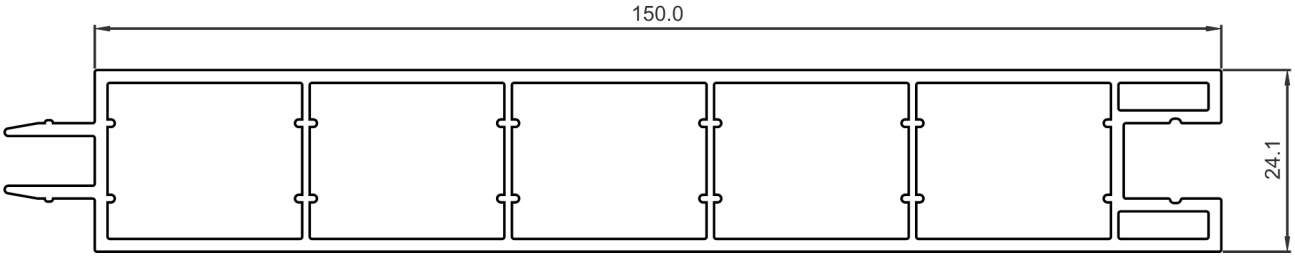
13531	
Descripción Description	Tapeta interior Internal end plate
Peso Weight **(g/m)**	377
Material Material	PVC PVC
Tapas Covers	411383



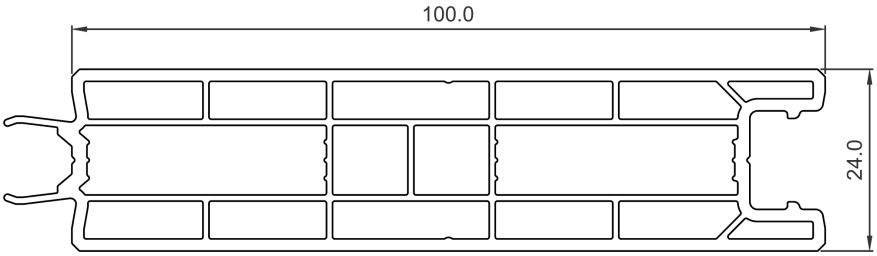
COR-9214	
Descripción Description	Tapeta Cover
Peso Weight **(g/m)**	129,6
Superficie Surface **(dm^2/m)**	8,52
Ix (cm^4)	0,02
Iy (cm^4)	0,28



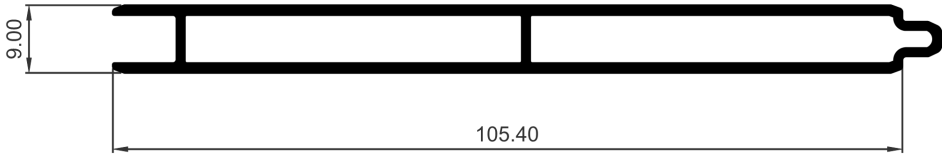
COR-7228	
Descripción Description	Hoja de contra Shutter sash
Peso Weight **(g/m)**	534,6
Superficie Surface **(dm^2/m)**	28,1
Ix (cm^4)	1,48
Iy (cm^4)	5,38



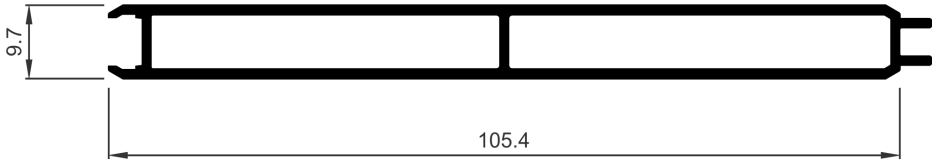
13801	
Descripción Description	Lama machihembrada Tongued and grooved slat
Peso Weight **(g/m)**	1115,1
Material Material	PVC PVC
Refuerzo Reinforcement	1492



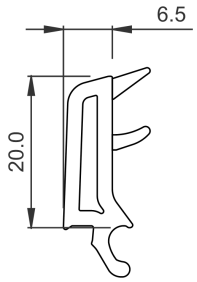
14801	
Descripción Description	Lama panelada Panelled slat
Peso Weight **(g/m)**	956
Material Material	PVC PVC
Refuerzo Reinforcement	1499



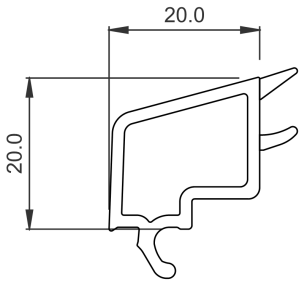
COR-1410	
Descripción Description	Lama hoja de contra Shutter sash louvre
Peso Weight **(g/m)**	818,1
Ix (cm^4)	0,42
Iy (cm^4)	31,12
Material Material	Aluminio Aluminium
Observaciones Observations	Lama para perfiles foliados Foliated profiles louvre



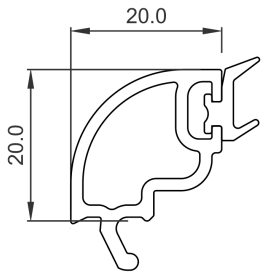
COR-2366	
Descripción Description	Lama contra de ventana Window shutter louvre
Peso Weight **(g/m)**	796,5
Superficie Surface **(dm²/m)**	47,49
Ix (cm⁴)	0,48
Iy (cm⁴)	30,48



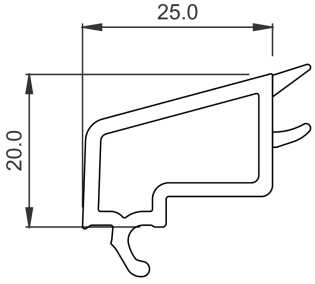
16001	
Descripción Description	Junquillo 6,5 mm 6.5 mm glazing bead
Peso Weight **(g/m)**	181,8
Material Material	PVC PVC



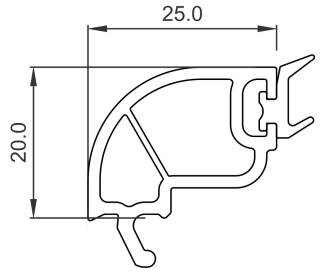
16031	
Descripción Description	Junquillo de 20 mm 20 mm glazing bead
Peso Weight **(g/m)**	216,3
Material Material	PVC PVC



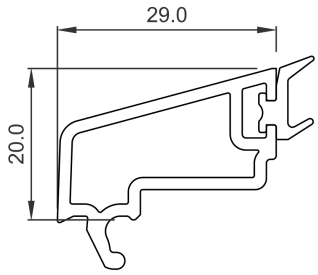
12131	
Descripción Description	Junquillo curvo 20 mm 20 mm curved glazing bead
Peso Weight **(g/m)**	237
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	351222



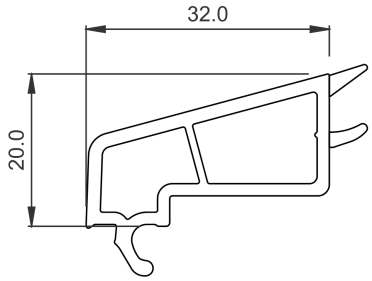
16041	
Descripción Description	Junquillo de 25 mm 25 mm glazing bead
Peso Weight **(g/m)**	258,9
Material Material	PVC PVC



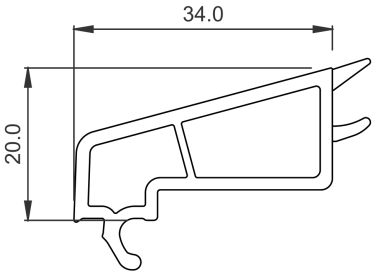
12141	
Descripción Description	Junquillo curvo 25 mm. 25 mm curved glazing bead
Peso Weight **(g/m)**	273,3
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	351222



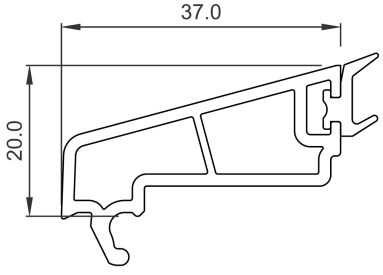
12051	
Descripción Description	Junquillo 29 mm 29 mm glazing bead
Peso Weight **(g/m)**	280,5
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	351222



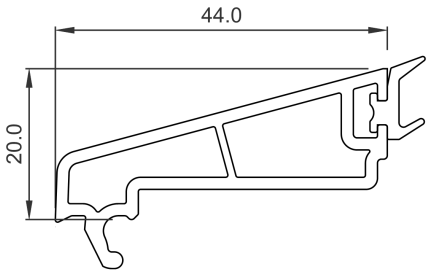
16071	
Descripción Description	Junquillo 32 mm 32 mm glazing bead
Peso Weight **(g/m)**	281,8
Material Material	PVC PVC



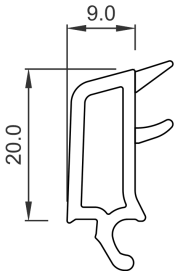
16081	
Descripción Description	Junquillo 34 mm 34 mm glazing bead
Peso Weight **(g/m)**	289,8
Material Material	PVC PVC



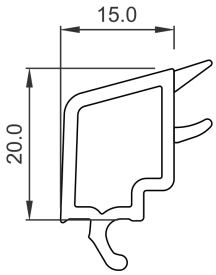
12071	
Descripción Description	Junquillo 37 mm 37 mm glazing bead
Peso Weight **(g/m)**	326,7
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	351222



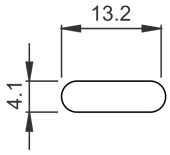
12061	
Descripción Description	Junquillo 44 mm 44 mm glazing bead
Peso Weight **(g/m)**	355,2
Material Material	PVC de co-extrusión Co-extrusion PVC
Juntas Gaskets	351222



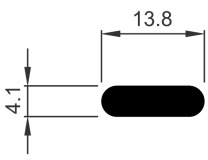
16011	
Descripción Description	Junquillo de 9 mm 9 mm glazing bead
Peso Weight **(g/m)**	171,3



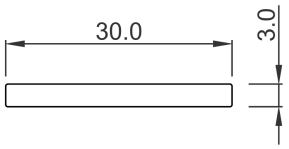
16021	
Descripción Description	Junquillo de 15 mm 15 mm glazing bead
Peso Weight **(g/m)**	193,5



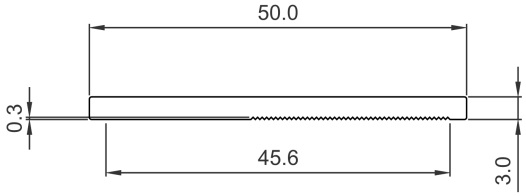
14891	
Descripción Description	Pletina 14x4 14x4 platen
Peso Weight **(g/m)**	85
Material Material	PVC PVC



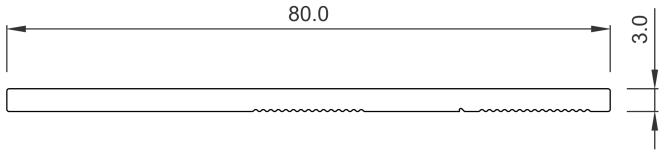
1289	
Descripción Description	Pletina 14x4 14x4 platen
Peso Weight **(g/m)**	143,1
Material Material	Aluminio Aluminium
Observaciones Observations	Conexión para unión de marcos oculta. Perfil sin caras vistas. Connection for hidden frames joint. Profile without visible faces.



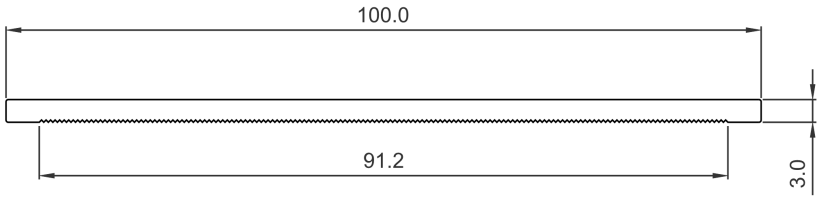
12231	
Descripción Description	Pletina 30x3 30x3 platen
Peso Weight **(g/m)**	133,2
Material Material	PVC PVC



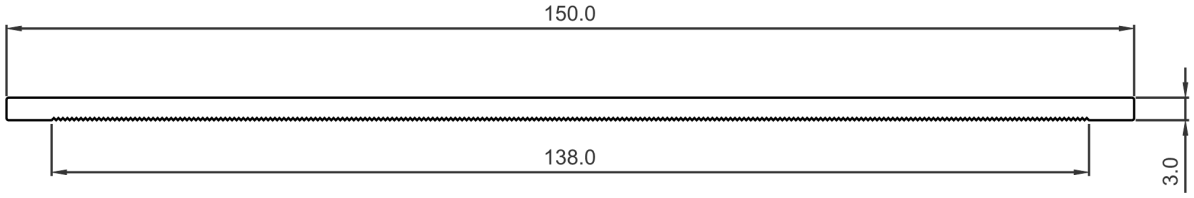
12251	
Descripción Description	Pletina 50x3 50x3 platen
Peso Weight **(g/m)**	216,1
Material Material	PVC PVC



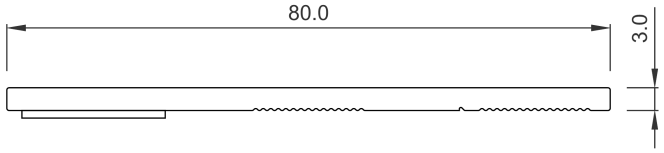
12221	
Descripción Description	Pletina 80x3 80x3 platen
Peso Weight **(g/m)**	349,3
Material Material	PVC PVC



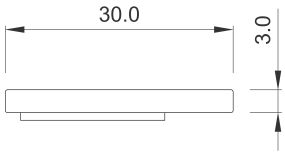
12271	
Descripción Description	Pletina 100x3 100x3 platen
Peso Weight **(g/m)**	415
Material Material	PVC PVC



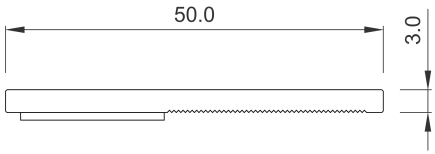
12281	
Descripción Description	Pletina150x3 150x3 platen
Peso Weight **(g/m)**	622,4
Material Material	PVC PVC



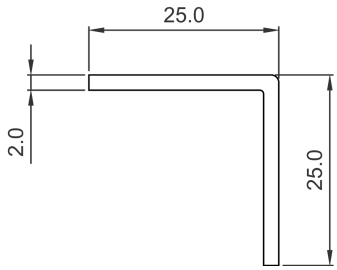
12225	
Descripción Description	Pletina 80x3 con cinta de pegado 80x3 platen with gluing tape
Peso Weight **(g/m)**	352,8
Material Material	PVC



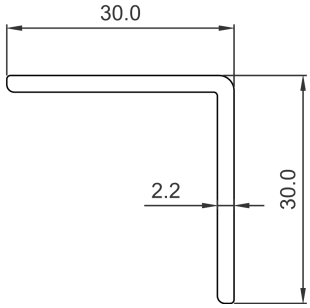
12235	
Descripción Description	Pletina 30x3 con cinta de pegado 30x3 platen with gluing tape
Peso Weight **(g/m)**	136,7
Material Material	PVC



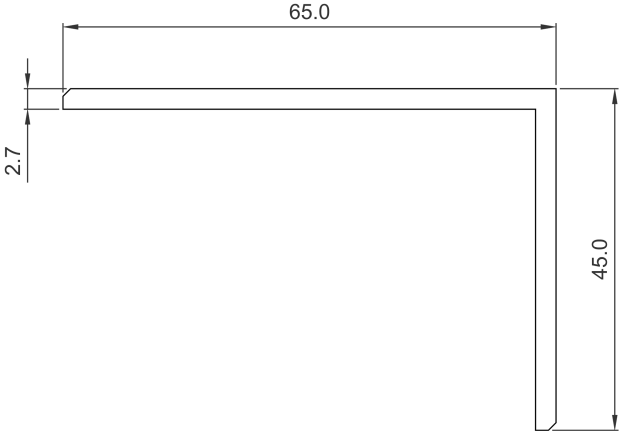
12255	
Descripción Description	Pletina 50x3 con cinta de pegado 50x3 platen with gluing tape
Peso Weight **(g/m)**	219,6
Material Material	PVC



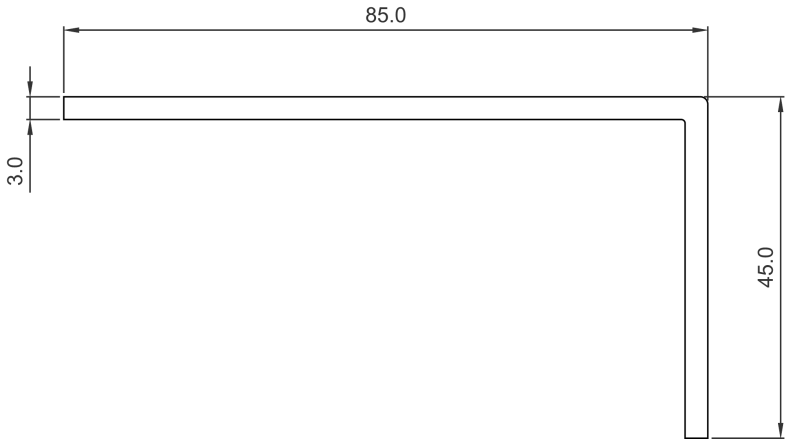
12211	
Descripción Description	Ángulo de 25x25 25x25 angle
Peso Weight **(g/m)**	142
Material Material	PVC PVC



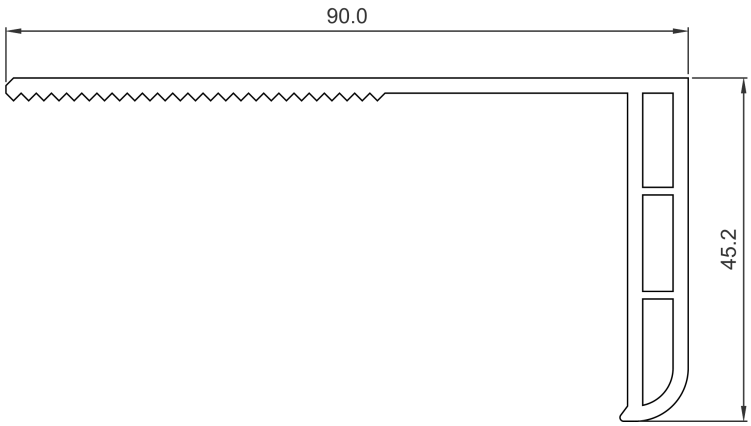
18651	
Descripción Description	Ángulo 30x30 30x30 angle
Peso Weight **(g/m)**	186,5
Material Material	PVC PVC



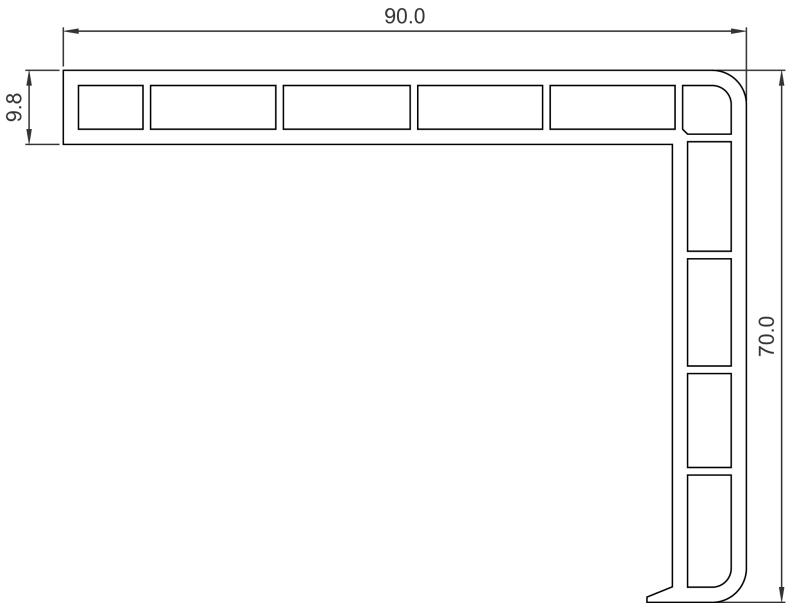
12301	
Descripción Description	Ángulo 65x45 65x45 angle
Peso Weight **(g/m)**	419,1
Material Material	PVC PVC



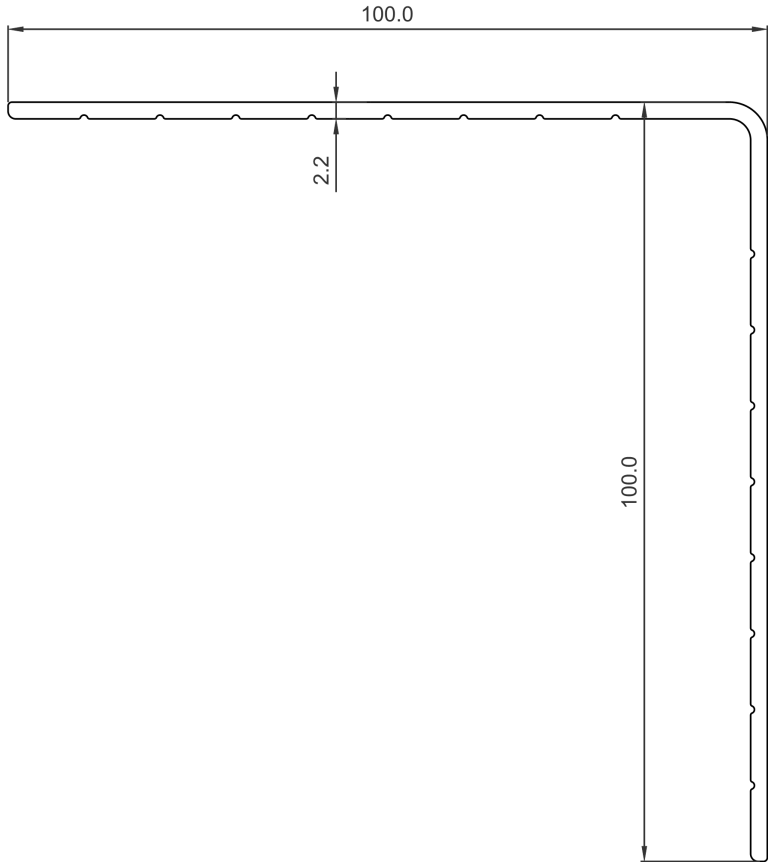
12291	
Descripción **Description**	Ángulo 85x45 85x45 angle
Peso **Weight** **(g/m)**	552,2
Material **Material**	PVC PVC



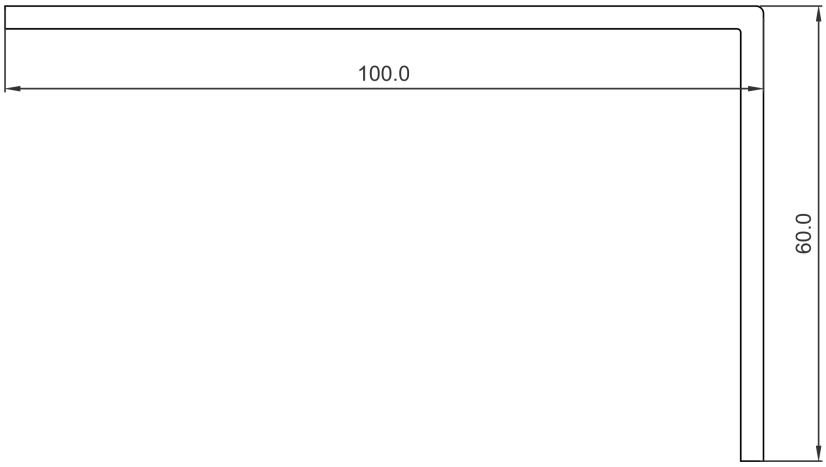
12311	
Descripción **Description**	Ángulo 90 mm con solape 45 mm 90 mm angle with 45 mm overlap
Peso **Weight** **(g/m)**	563,5
Material **Material**	PVC PVC



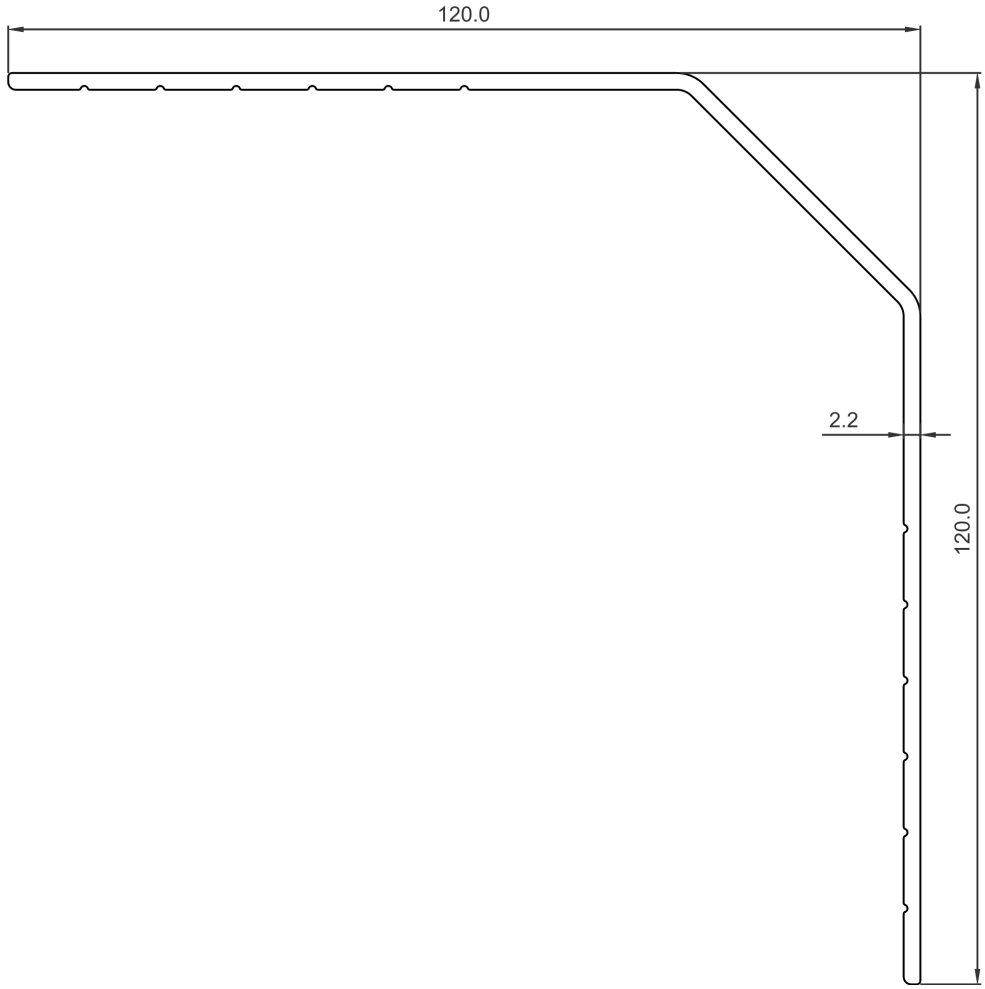
12321	
Descripción **Description**	Ángulo 90 mm con solape 70 mm 90 mm angle with 70 mm overlap
Peso **Weight** **(g/m)**	977,5
Material **Material**	PVC PVC



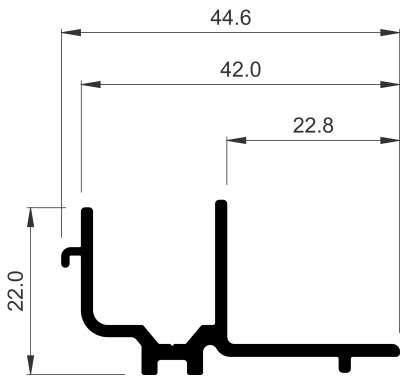
18671	
Descripción Description	Ángulo de 100x100 100x100 angle
Peso Weight **(g/m)**	628,5
Material Material	PVC PVC



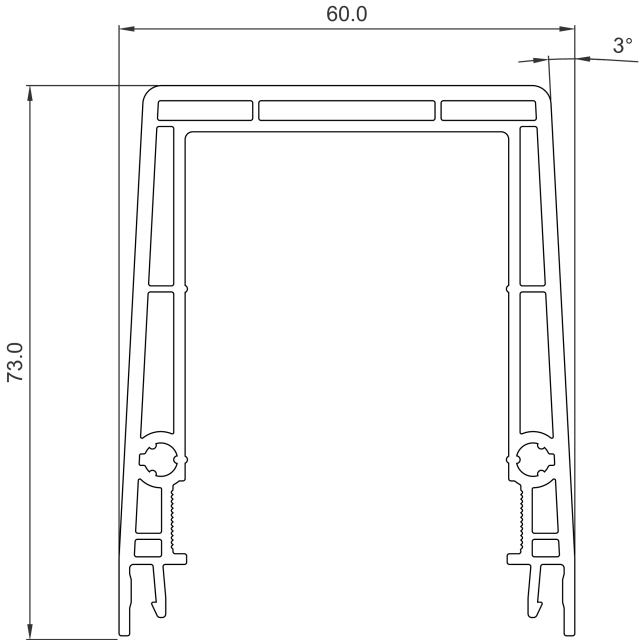
12331	
Descripción Description	Ángulo 100x60 100x60 angle
Peso Weight **(g/m)**	682,7
Material Material	PVC PVC



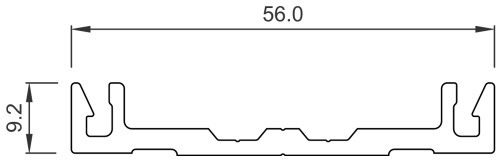
18661	
Descripción Description	Ángulo de 120x120 con chaflán de 30 120x120 angle with 30 chamfer
Peso Weight **(g/m)**	709
Material Material	PVC PVC



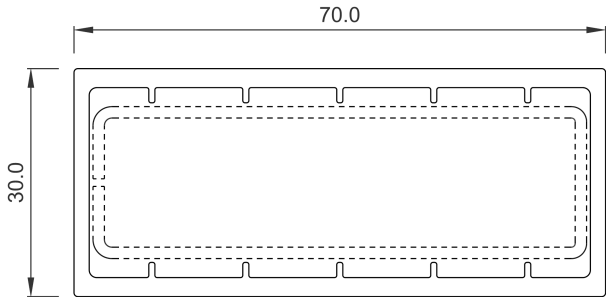
1111	
Descripción **Description**	Acople panel registro Register panel coupling
Peso **Weight** **(g/m)**	383,4
Superficie **Surface** **(dm²/m)**	17,39
Ix (cm⁴)	0,52
Iy (cm⁴)	1,91
Material **Material**	Aluminio Aluminium
Tornillería **Screws**	341121



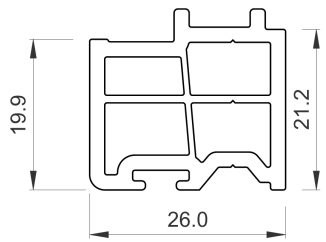
12181	
Descripción Description	Cobertor refuerzo travesaño Transom reinforcement cover
Peso Weight **(g/m)**	1009,2
Material Material	PVC PVC
Refuerzo Reinforcement	1294 1382 1399
Tapas Covers	351243



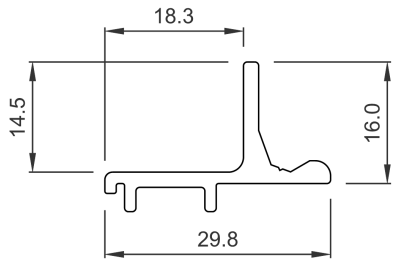
12191	
Descripción Description	Base cobertor ref. travesaño Transom reinforcement cover base
Peso Weight **(g/m)**	292,6
Material Material	PVC PVC



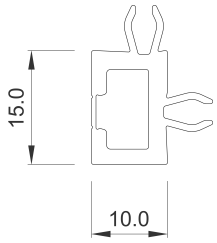
12551	
Descripción Description	Tubo 70x30 70x30 tube
Peso Weight **(g/m)**	691,2
Material Material	PVC PVC
Refuerzo Reinforcement	1290



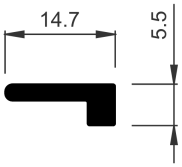
13101	
Descripción Description	Remate inferior hoja puerta Door sash finishing bottom profile
Peso Weight **(g/m)**	332,3
Material Material	PVC PVC
Tapas Covers	351373
Juntas Gaskets	950100



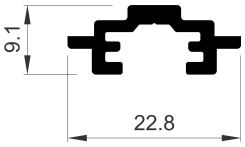
13441	
Descripción Description	Batiente apertura plegable Bi-fold opening jamb
Peso Weight **(g/m)**	150
Material Material	PVC PVC
Tapas Covers	351383



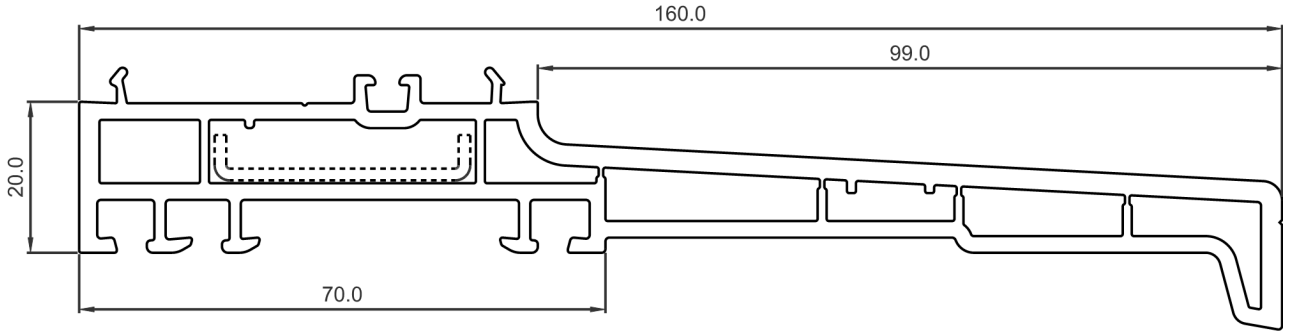
18381	
Descripción Description	Complemento marco solape Complement for frame with overlaps
Peso Weight **(g/m)**	155
Material Material	PVC PVC



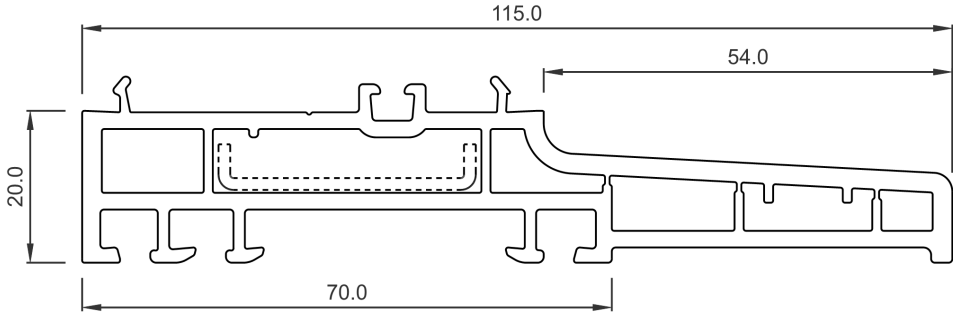
1864	
Descripción Description	Remate enganches Hook finishing
Peso Weight **(g/m)**	118,8
Superficie Surface **(dm^2/m)**	3,9
Ix (cm^4)	0,01
Material Material	Aluminio Aluminium



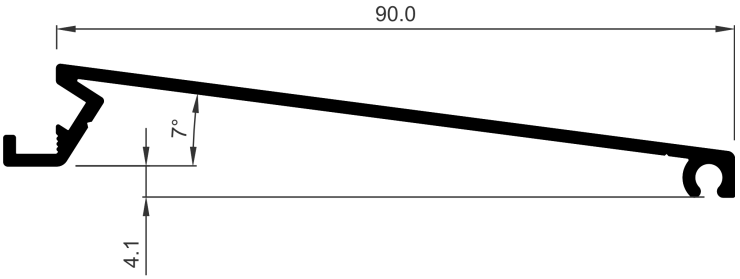
COR-2849	
Descripción Description	Portacepillos puerta CC16 Door wool pile holder
Peso Weight **(g/m)**	199,8
Superficie Surface **(dm^2/m)**	8,8
Ix (cm^4)	0,04
Iy (cm^4)	0,29
Juntas Gaskets	307600
Observaciones Observations	Tornillo Ø3.9 mm DIN7504P-A2 Ø3,9 mm DIN7504P-A2 screw



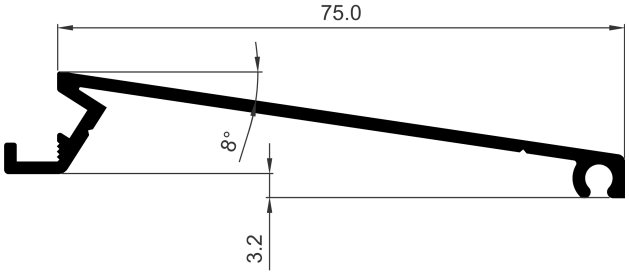
12711	
Descripción Description	Bandeja vierte-aguas 90 mm 90 mm drip cap tray
Peso Weight **(g/m)**	1473,2
Material Material	PVC PVC
Refuerzo Reinforcement	1292
Tapas Covers	351283
Juntas Gaskets	351202
Escuadra alineamiento Alignment corner cleat	207004



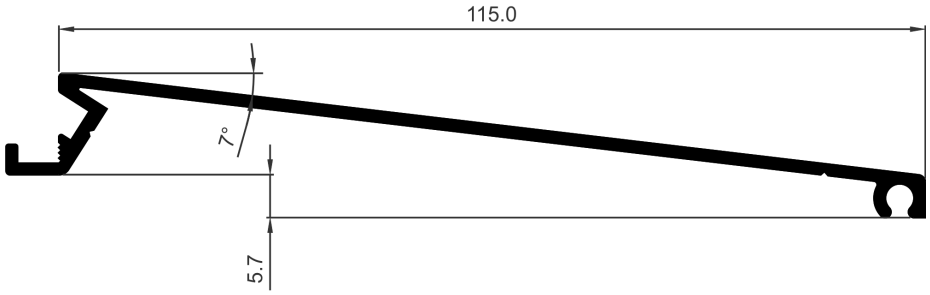
12721	
Descripción Description	Bandeja Vierte-aguas 45 mm 45 mm drip cap tray
Peso Weight **(g/m)**	1071,1
Material Material	PVC PVC
Refuerzo Reinforcement	1292
Tapas Covers	351288
Juntas Gaskets	351202
Escuadra alineamiento Alignment corner cleat	207004



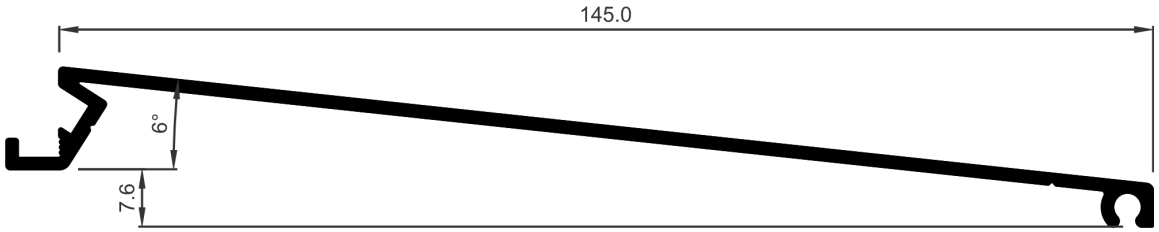
1274	
Descripción Description	Alargadera de 90 mm 90 mm cill
Peso Weight **(g/m)**	526,5
Ix (cm^4)	0,33
Iy (cm^4)	19,93
Material Material	Aluminio Aluminium



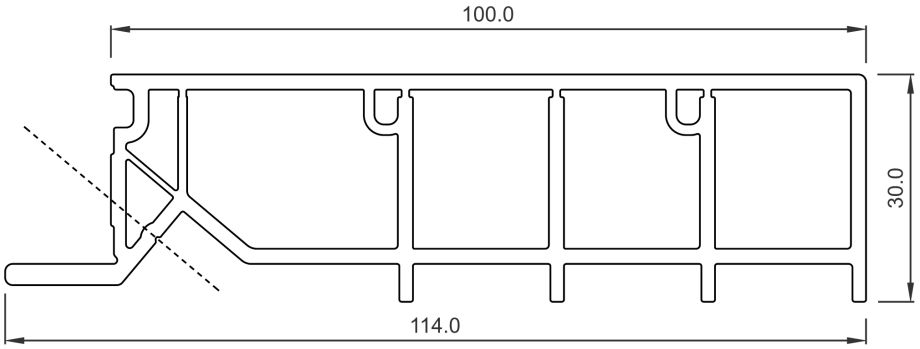
1275	
Descripción Description	Alargadera de 75 mm 75 mm cill
Peso Weight **(g/m)**	461,7
Ix (cm⁴)	0,27
Iy (cm⁴)	12,36
Material Material	Aluminio Aluminium



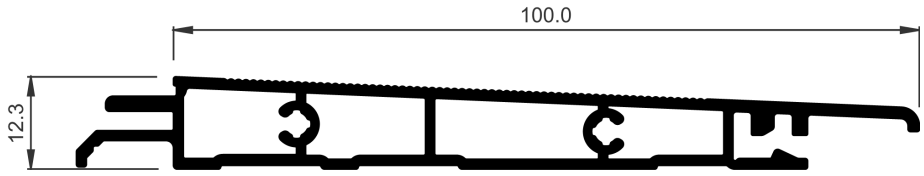
1276	
Descripción Description	Alargadera de 115 mm 115 mm cill
Peso Weight **(g/m)**	621
Ix (cm⁴)	0,45
Iy (cm⁴)	36,2
Material Material	Aluminio Aluminium



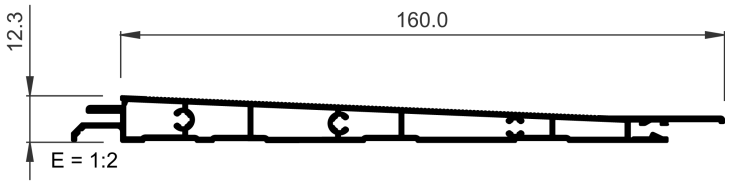
1278	
Descripción Description	Alargadera de 145 mm 145 mm cill
Peso Weight **(g/m)**	742,5
Ix (cm⁴)	0,65
Iy (cm⁴)	65,85
Material Material	Aluminio Aluminium



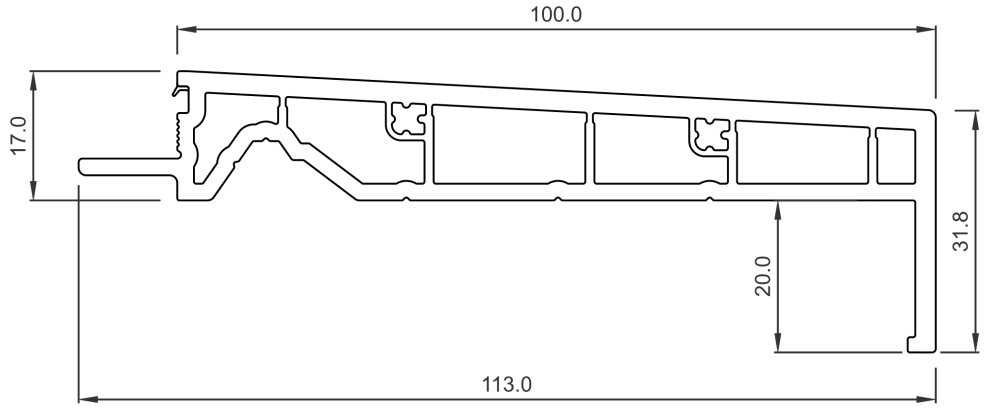
13741	
Descripción Description	Recercado de marcos 100 mm 100 mm frames enclosure
Peso Weight **(g/m)**	1108,4
Material Material	PVC PVC



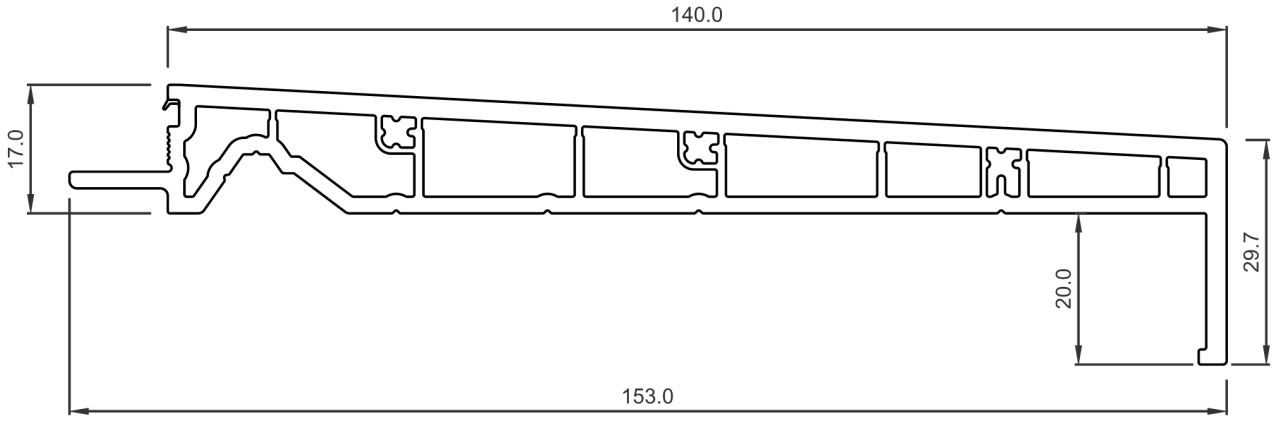
1807	
Descripción Description	Alargadera de 85 mm 85 mm cill
Peso Weight **(g/m)**	1004,4
Superficie Surface **(dm²/m)**	53,18
Ix (cm⁴)	0,55
Iy (cm⁴)	36,29
Material Material	Aluminio Aluminium



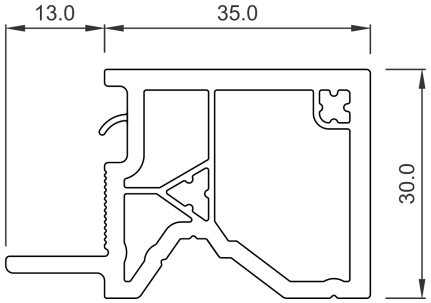
1809	
Descripción Description	Alargadera de 145 mm 145 mm cill
Peso Weight **(g/m)**	1455,3
Superficie Surface **(dm²/m)**	78,63
Ix (cm⁴)	0,72
Iy (cm⁴)	126,57
Material Material	Aluminio Aluminium



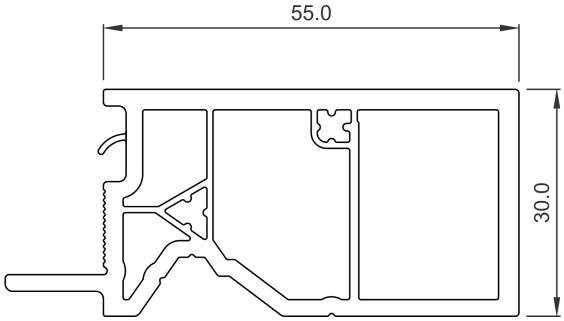
18601	
Descripción Description	Alargadera 100 para enganche 100 mm cill for hook
Peso Weight **(g/m)**	1040,2
Material Material	PVC de co-extrusión Co-extrusion PVC



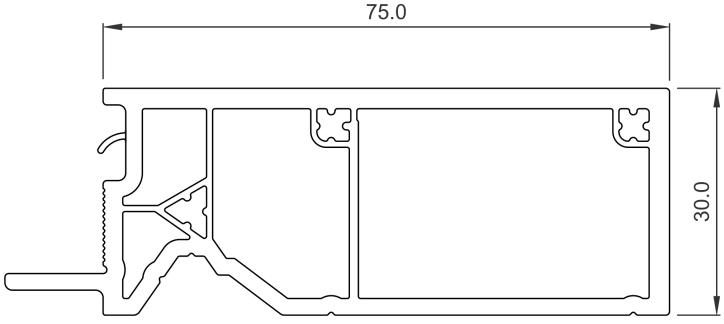
18611	
Descripción Description	Alargadera 140 enganche 140 mm cill for hook
Peso Weight **(g/m)**	1354
Material Material	PVC de co-extrusión Co-extrusion PVC



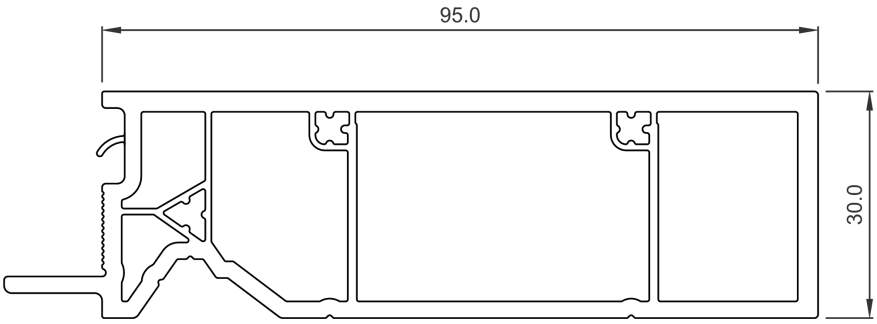
18701	
Descripción Description	Tapée 35 mm 35 mm cap
Peso Weight **(g/m)**	576,9
Material Material	PVC de co-extrusión Co-extrusion PVC



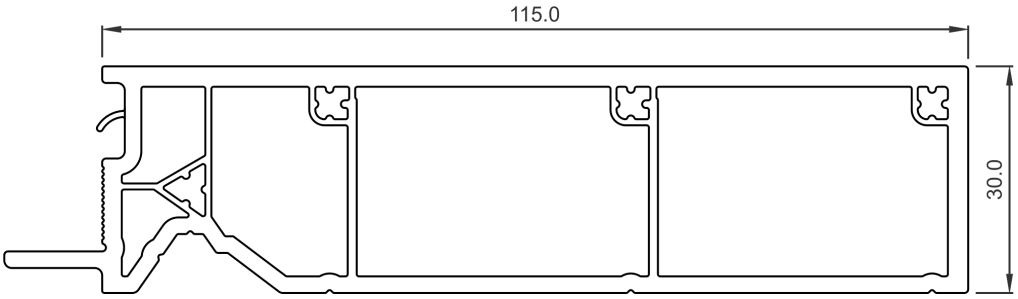
18721	
Descripción Description	Tapée 55 mm 55 mm cap
Peso Weight **(g/m)**	766
Material Material	PVC de co-extrusión Co-extrusion PVC



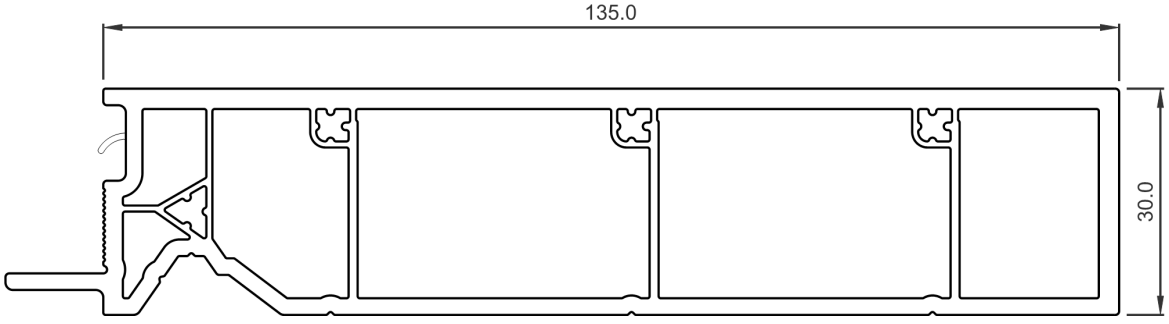
18741	
Descripción Description	Tapée 75 mm 75 mm cap
Peso Weight **(g/m)**	925
Material Material	PVC de co-extrusión Co-extrusion PVC



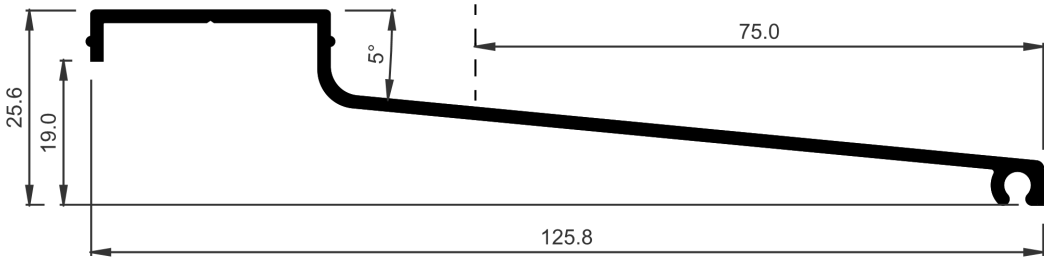
18761	
Descripción Description	Tapée 95 mm 95 mm cap
Peso Weight **(g/m)**	1114
Material Material	PVC de co-extrusión Co-extrusion PVC



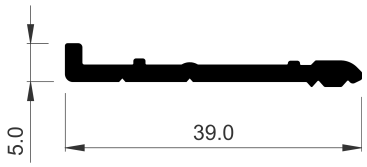
18781	
Descripción Description	Tapée 115 mm 115 mm cap
Peso Weight **(g/m)**	1273,2
Material Material	PVC de co-extrusión Co-extrusion PVC



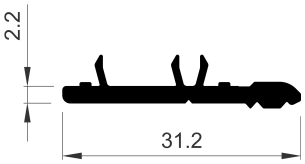
18801	
Descripción Description	Tapée 135 mm 135 mm cap
Peso Weight **(g/m)**	1462,4
Material Material	PVC de co-extrusión Co-extrusion PVC



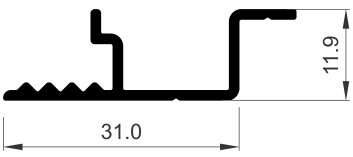
COR-1175	
Descripción Description	Alargadera 75 mm 75 mm cill
Peso Weight **(g/m)**	615,6
Superficie Surface **(dm²/m)**	30,16
Ix (cm⁴)	1,26
Iy (cm⁴)	35,06
Material Material	Aluminio Aluminium



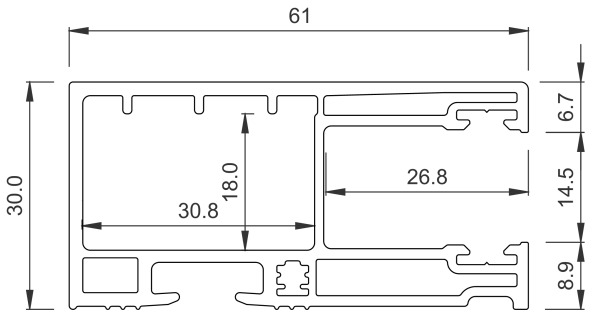
1110	
Descripción Description	Grapa solape registro Register overlap clip
Peso Weight **(g/m)**	264,6
Superficie Surface **(dm²/m)**	9,09
Ix (cm⁴)	0,01
Iy (cm⁴)	1,39
Material Material	Aluminio Aluminium
Tornillería Screws	341121



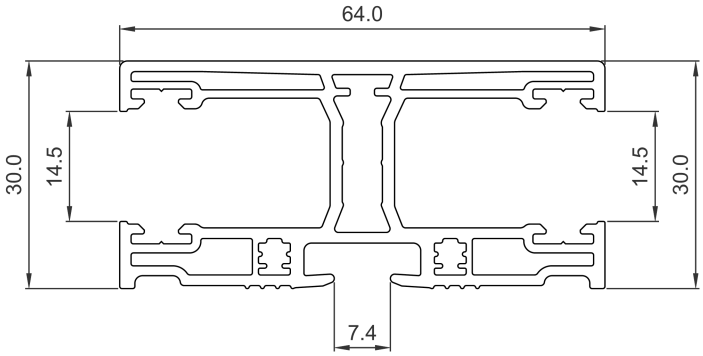
1236	
Descripción Description	Grapa solape Overlap clip
Peso Weight **(g/m)**	226,8
Ix (cm⁴)	0,13
Iy (cm⁴)	0,65
Material Material	Aluminio Aluminium
Tornillería Screws	341121
Observaciones Observations	En accesorio 361236 On accessory 361236



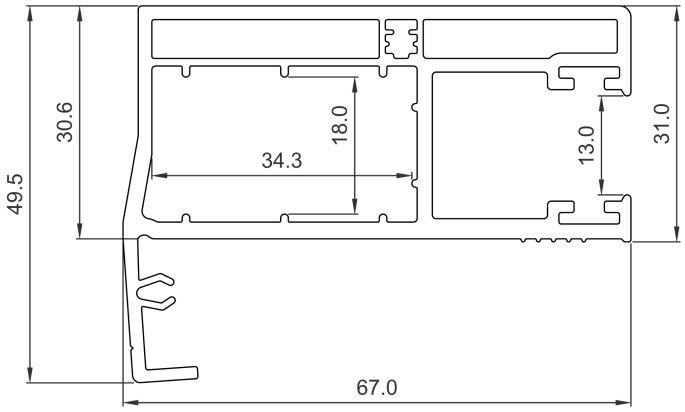
1238	
Descripción Description	Grapa ángulo Angle clip
Peso Weight **(g/m)**	229,5
Ix (cm⁴)	0,14
Iy (cm⁴)	0,89
Material Material	Aluminio Aluminium
Tornillería Screws	341111
Observaciones Observations	En accesorio 371238 On accessory 371238



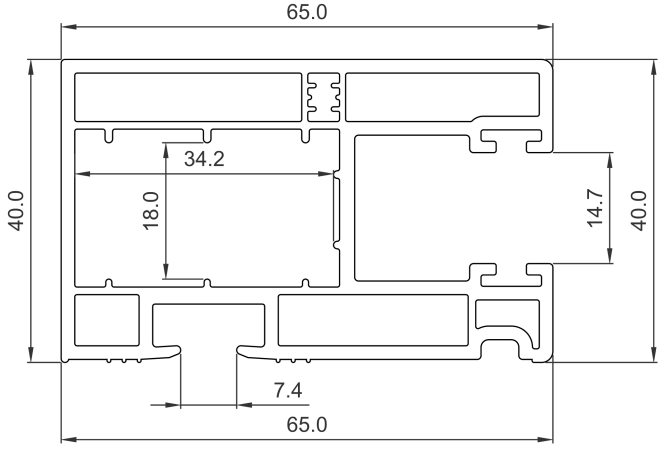
12581	
Descripción Description	Guía lateral de 30 mm 30 mm lateral guide
Peso Weight **(g/m)**	637,3
Material Material	PVC PVC
Tornillería Screws	331250



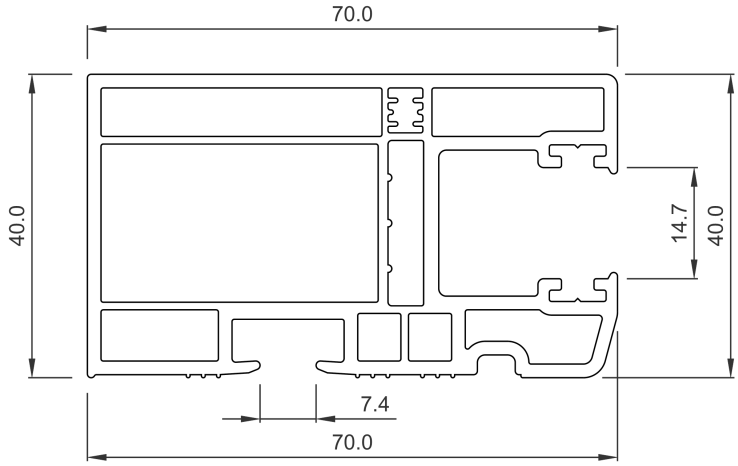
12571	
Descripción Description	Guía central doble 30 mm 30 mm central double guide
Peso Weight **(g/m)**	726,7
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	331250



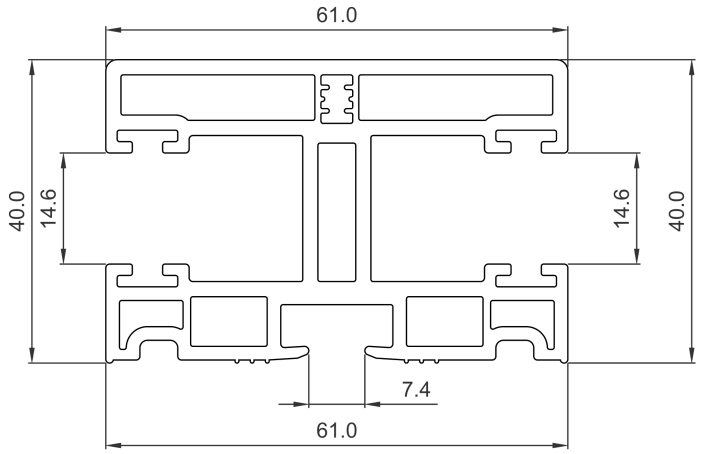
12591	
Descripción Description	Guía Lateral de 31 mm 31 mm lateral guide
Peso Weight **(g/m)**	810,4
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	341121



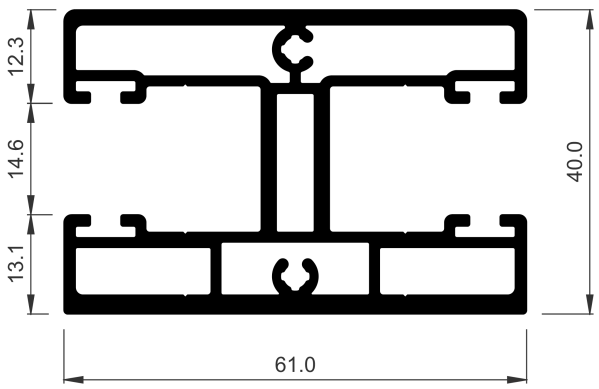
12601	
Descripción Description	Guía lateral de 40 mm 40 mm lateral guide
Peso Weight **(g/m)**	900,2
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	331250



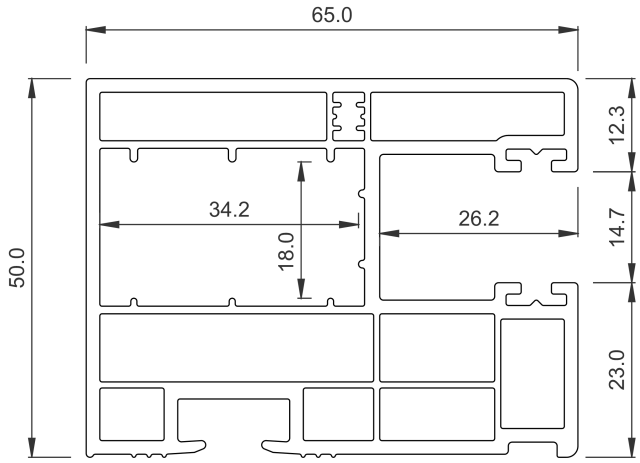
12841	
Descripción Description	Guía lateral cajón de obra Shutter box side guide
Peso Weight **(g/m)**	1008,6
Juntas Gaskets	950023
Tornillería Screws	331250



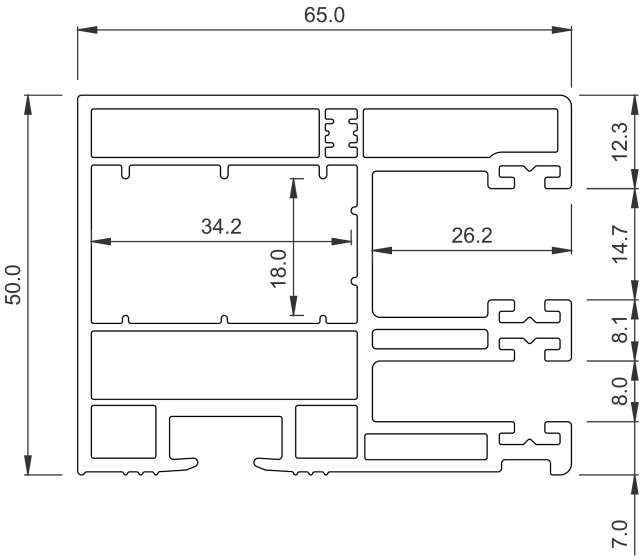
12611	
Descripción Description	Guía central de 40 mm 40 mm central guide
Peso Weight **(g/m)**	1031,6
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	331250



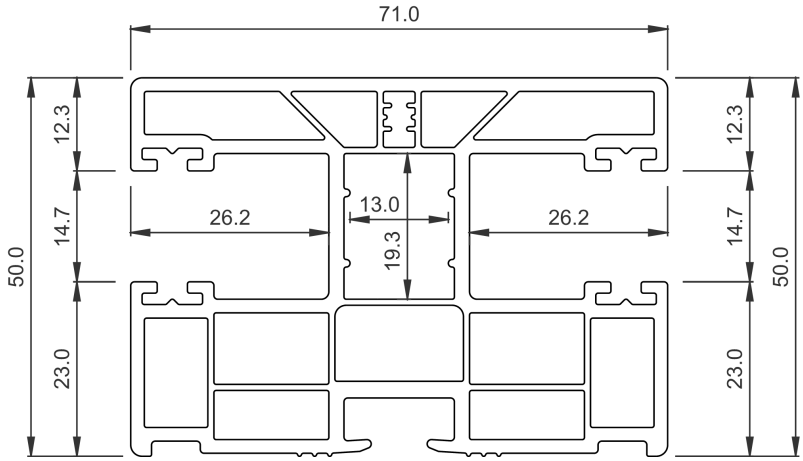
COR-1463	
Descripción Description	Guía central doble 40 mm 40 mm central double guide
Peso Weight **(g/m)**	1787,4
Superficie Surface **(dm^2/m)**	73,45
Ix (cm^4)	14,06
Iy (cm^4)	20,87
Material Material	Aluminio Aluminium
Juntas Gaskets	950023



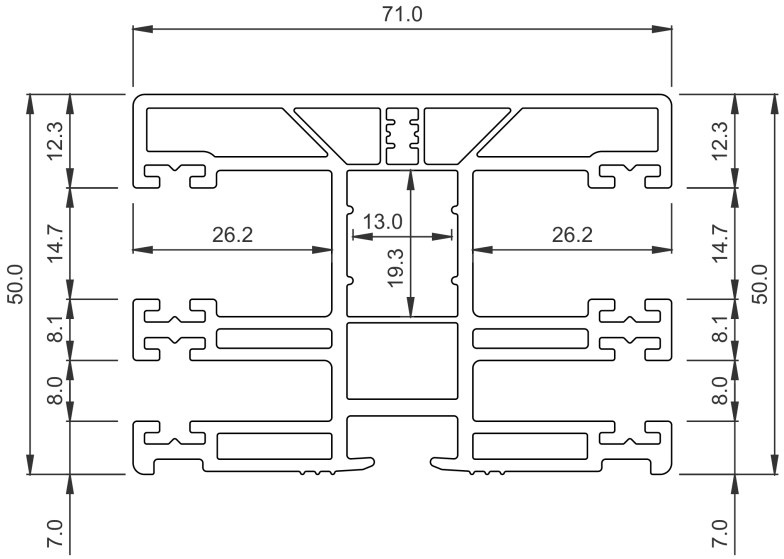
10831	
Descripción Description	Guía lateral 50 50 side guide
Peso Weight **(g/m)**	1068,5
Material Material	PVC PVC



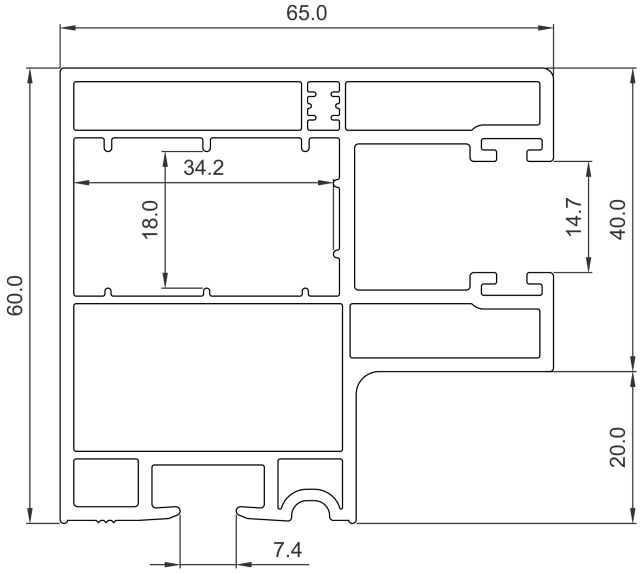
10841	
Descripción Description	Guía lateral 50 doble mosquitera integrada 50 lateral guide with integrated double mosquito net
Peso Weight **(g/m)**	1136
Material Material	PVC PVC
Observaciones Observations	Combinable con Cajón Cortizo con mosquitera integrada Combinable with Cortizo´s Shutter box with integrated mosquito net.



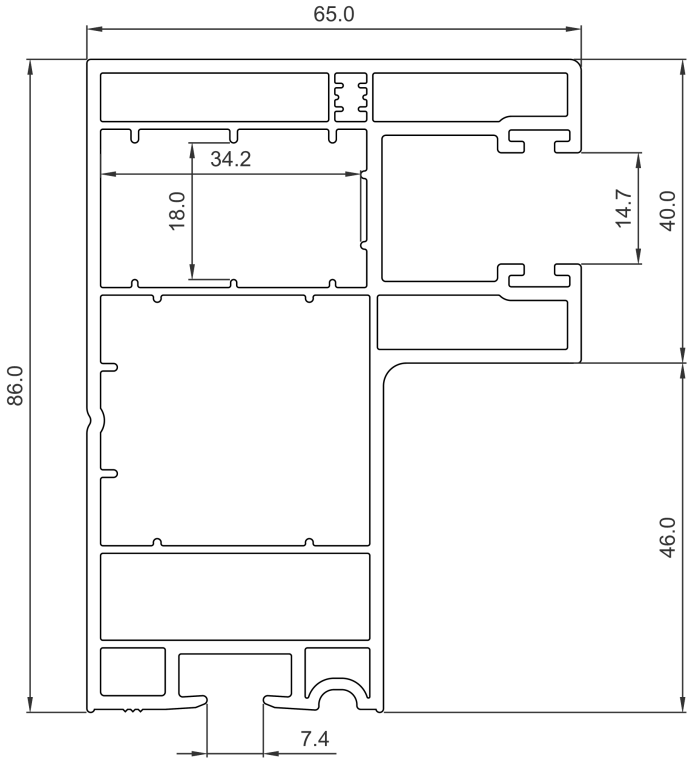
10851	
Descripción Description	Guía central 50 Central guide 50
Peso Weight **(g/m)**	1257
Material Material	PVC PVC



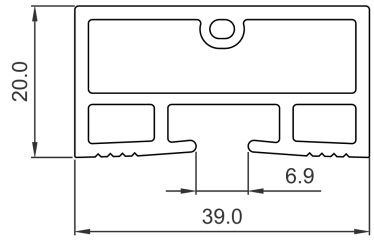
10861	
Descripción Description	Guía central 50 doble mosquitera integrada 50 central guide with integrated double mosquito net.
Peso Weight **(g/m)**	1379
Material Material	PVC PVC
Observaciones Observations	Combinable con Cajón Cortizo con mosquitera integrada Combinable with Cortizo´s Shutter box with integrated mosquito net.



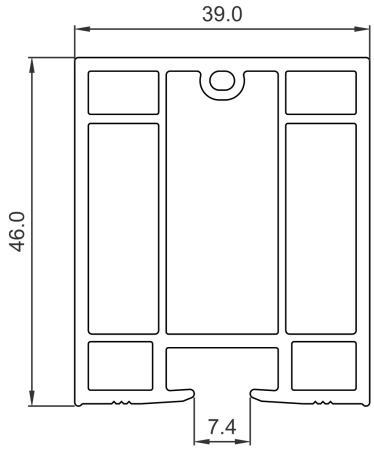
12621	
Descripción Description	Guía lateral 60 mm 60 mm lateral guide
Peso Weight **(g/m)**	1063,5
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	331250



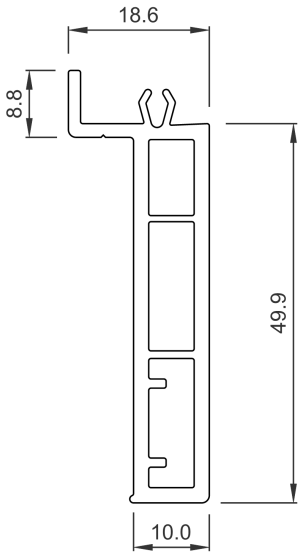
12641	
Descripción Description	Guía lateral de 86 mm 86 mm lateral guide
Peso Weight **(g/m)**	1266,5
Material Material	PVC PVC
Juntas Gaskets	950023
Tornillería Screws	331250



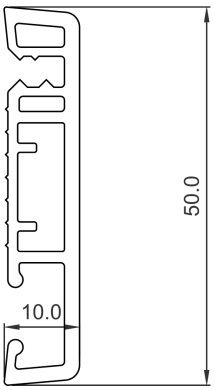
12661	
Descripción Description	Ampliación de guía Guide extension
Peso Weight **(g/m)**	369
Material Material	PVC PVC
Tornillería Screws	331250



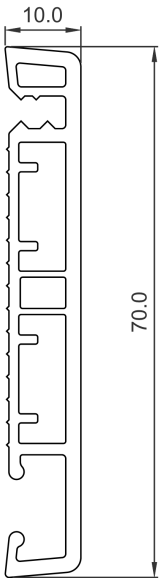
12671	
Descripción Description	Ampliación guía de 46 mm 46 mm guide extension
Peso Weight **(g/m)**	652,4
Material Material	PVC PVC
Tornillería Screws	331250



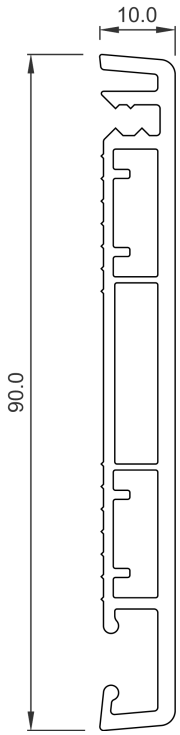
12201	
Descripción Description	Solape enrasado de 50 mm Flush 50 mm overlap
Peso Weight **(g/m)**	406,6
Material Material	PVC PVC
Tornillería Screws	331250
Escuadra alineamiento Alignment corner cleat	207004
Observaciones Observations	Grapa 361236 Clip 361236



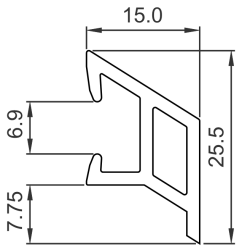
12351	
Descripción Description	Solape 50 mm 50 mm overlap
Peso Weight **(g/m)**	322,2
Material Material	PVC PVC
Tornillería Screws	331250
Escuadra alineamiento Alignment corner cleat	207004
Observaciones Observations	Grapa 361236 Clip 361236



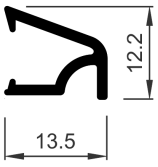
12371	
Descripción Description	Solape 70 mm 70 mm overlap
Peso Weight **(g/m)**	436,2
Material Material	PVC PVC
Tornillería Screws	331250
Escuadra alineamiento Alignment corner cleat	207004
Observaciones Observations	Grapa 361236 Clip 361236



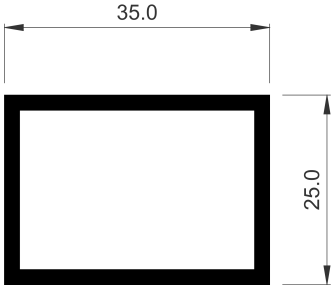
12391	
Descripción Description	Solape 90 mm 90 mm overlap
Peso Weight **(g/m)**	571,3
Material Material	PVC PVC
Tornillería Screws	331250
Escuadra alineamiento Alignment corner cleat	207004
Observaciones Observations	Grapa 361236 Clip 361236



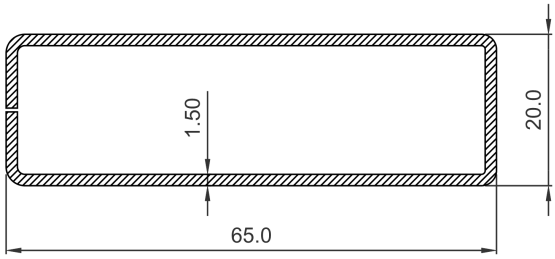
12151	
Descripción Description	Vierte-aguas Drip cap
Peso Weight **(g/m)**	150,8
Material Material	PVC PVC
Tapas Covers	361243
Tornillería Screws	331250



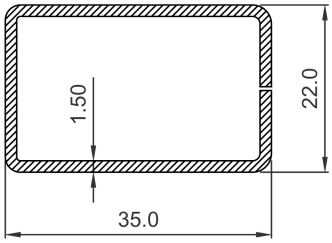
COR-8296	
Descripción Description	Goterón Drip cap
Peso Weight **(g/m)**	116,1
Superficie Surface **(dm²/m)**	7,37
Ix (cm⁴)	0,06
Iy (cm⁴)	0,07



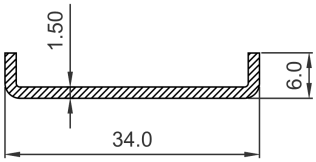
770199	
Descripción Description	Tubo de 35 mm x 25 mm 35 mm x 25 mm tube
Peso Weight **(g/m)**	604,8
Superficie Surface **(dm²/m)**	22,4
Ix (cm⁴)	2,76
Iy (cm⁴)	3,72



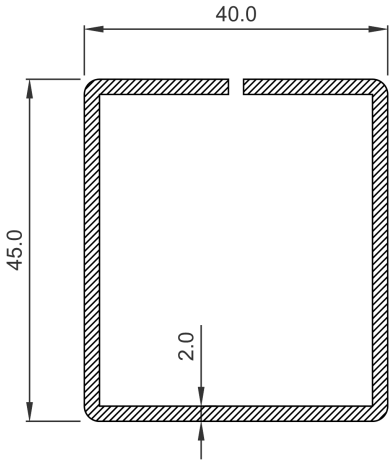
1290	
Descripción Description	Refuerzo de 65x20 65x20 reinforcement
Peso Weight **(g/m)**	1883,9
Ix (cm⁴)	1,75
Iy (cm⁴)	11,39
Material Material	Acero galvanizado Galvanised steel



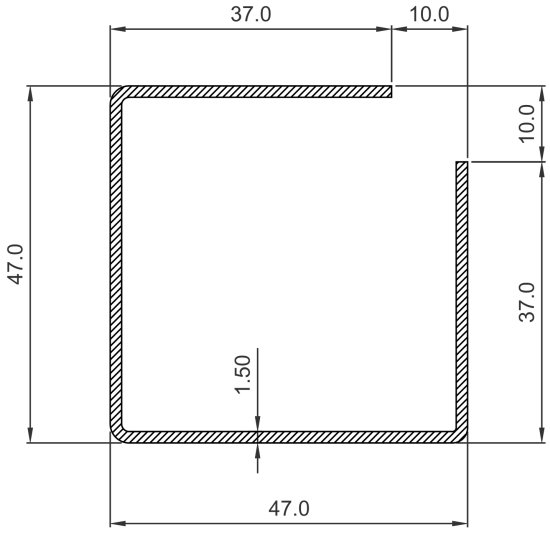
1291	
Descripción Description	Refuerzo de 35x22 35x22 reinforcement
Peso Weight **(g/m)**	1224,5
Ix (cm⁴)	1,23
Iy (cm⁴)	2,5
Material Material	Acero galvanizado Galvanised steel



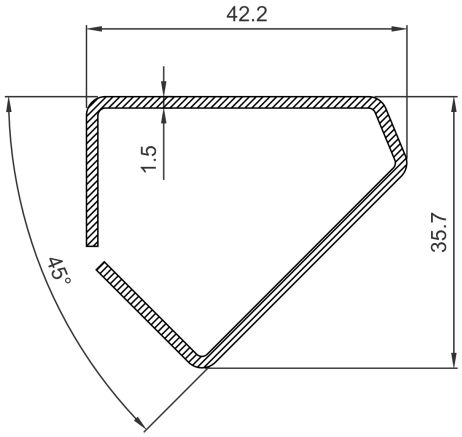
1292	
Descripción Description	Refuerzo U de 34x6 34x6 U reinforcement
Peso Weight **(g/m)**	488,6
Ix (cm⁴)	0,01
Iy (cm⁴)	0,79
Material Material	Acero galvanizado Galvanised steel



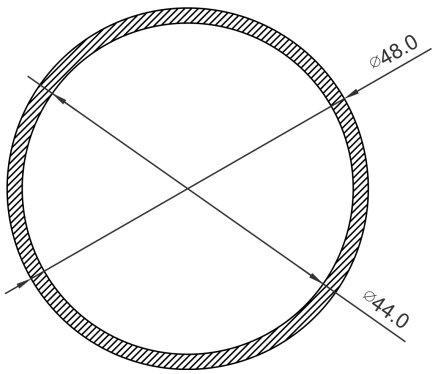
1294	
Descripción Description	Refuerzo de 40x45 40x45 reinforcement
Peso Weight **(g/m)**	2458,1
Ix (cm⁴)	9,18
Iy (cm⁴)	7,8
Material Material	Acero galvanizado Galvanised steel



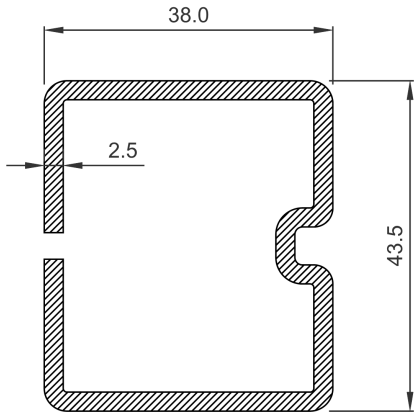
1295	
Descripción Description	Refuerzo de 47x47 abierto 47x47 open reinforcement
Peso Weight **(g/m)**	1898,7
Ix (cm⁴)	7,94
Iy (cm⁴)	7,94
Material Material	Acero galvanizado Galvanised steel



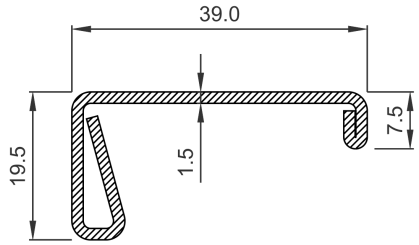
1296	
Descripción Description	Refuerzo de 42x36 a 45º 42x36 reinforcement at a 45º angle
Peso Weight **(g/m)**	1417,6
Ix (cm⁴)	2,39
Iy (cm⁴)	3,5
Material Material	Acero galvanizado Galvanised steel



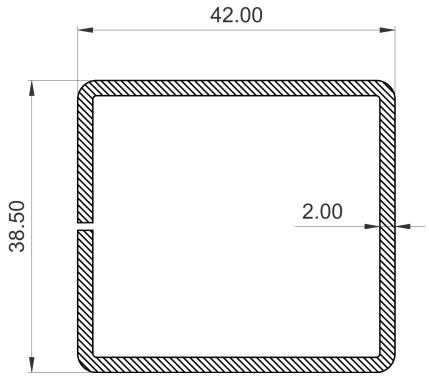
1297	
Descripción Description	Refuerzo de ∅48 ∅48 reinforcement
Peso Weight **(g/m)**	2270
Ix (cm⁴)	7,66
Iy (cm⁴)	7,66
Material Material	Acero galvanizado Galvanised steel



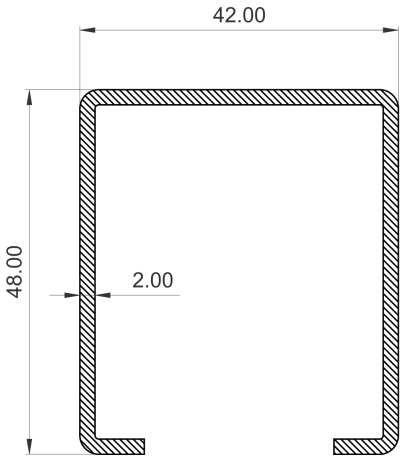
1298	
Descripción Description	Refuerzo de 43x38 43x38 reinforcement
Peso Weight **(g/m)**	3013,9
Ix (cm⁴)	10,06
Iy (cm⁴)	7,95
Material Material	Acero galvanizado Galvanised steel



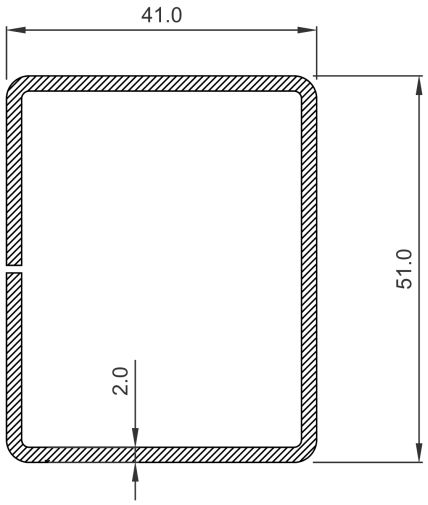
1377	
Descripción Description	Refuerzo de 19.5x39x7.5 19.5x39x7.5 reinforcement
Peso Weight **(g/m)**	1001
Ix (cm⁴)	0,47
Iy (cm⁴)	2,42
Material Material	Acero galvanizado Galvanised steel



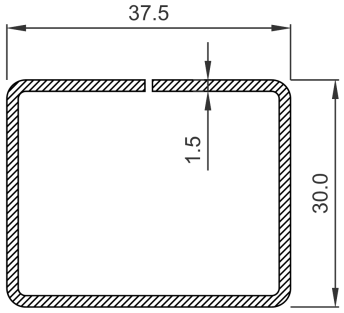
1378	
Descripción Description	Refuerzo de 42x38.5 42x38.5 reinforcement
Peso Weight **(g/m)**	2346
Ix (cm⁴)	6,79
Iy (cm⁴)	7,7
Material Material	Acero galvanizado Galvanised steel



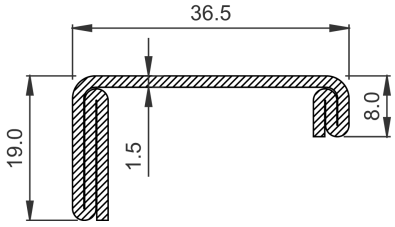
1379	
Descripción Description	Refuerzo U de 42x48 42x48 U reinforcement
Peso Weight **(g/m)**	2267,5
Ix (cm⁴)	8,34
Iy (cm⁴)	9,04
Material Material	Acero galvanizado Galvanised steel



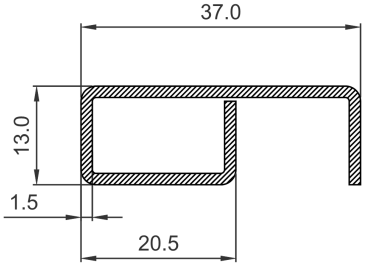
1382	
Descripción **Description**	Refuerzo de 41x51 41x51 reinforcement
Peso **Weight** **(g/m)**	2693,6
Ix (cm⁴)	12,88
Iy (cm⁴)	9,1
Material **Material**	Acero galvanizado Galvanised steel
Observaciones **Observations**	Ref. 381382 perfil fresado L=2350 mm para hoja puerta y cerradura Ref. 381382 milled profile L=2350 mm for door sash and lock



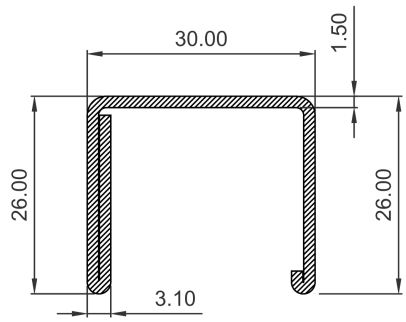
1383	
Descripción **Description**	Refuerzo de 37.5x30x1.5 37.5x30x1.5 reinforcement
Peso **Weight** **(g/m)**	1472
Ix (cm⁴)	2,65
Iy (cm⁴)	3,79
Material **Material**	Acero galvanizado Galvanised steel
Refuerzo **Reinforcement**	1383
Observaciones **Observations**	Refuerzo en las aperturas plegables Reinforcement on the bi-fold opening



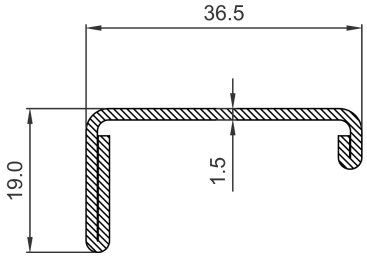
1384	
Descripción **Description**	Refuerzo U de 37x19 reforzado 37x19 reinforced U reinforcement
Peso **Weight** **(g/m)**	1217,8
Ix (cm⁴)	0,48
Iy (cm⁴)	2,75
Material **Material**	Acero galvanizado Galvanised steel



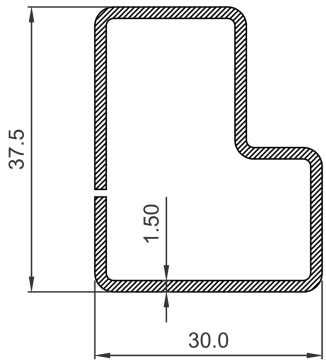
1386	
Descripción **Description**	Refuerzo U de 37x13 37x13 U reinforcement
Peso **Weight** **(g/m)**	1016,8
Ix (cm⁴)	0,31
Iy (cm⁴)	1,86
Material **Material**	Acero galvanizado Galvanised steel



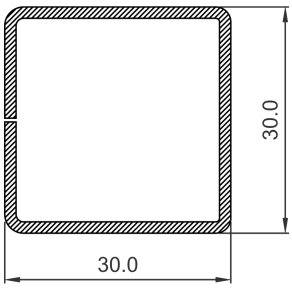
1387	
Descripción Description	Refuerzo U de 30x26 30x26 U reinforcement
Peso Weight **(g/m)**	1211,3
Ix (cm^4)	1,11
Iy (cm^4)	2,29
Material Material	Acero galvanizado Galvanised steel



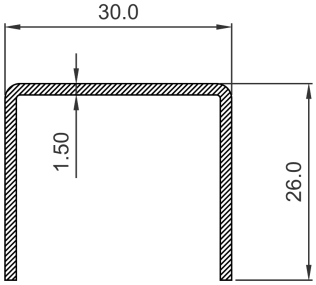
1388	
Descripción Description	Refuerzo U de 37x19 37x19 U reinforcement
Peso Weight **(g/m)**	909
Ix (cm^4)	0,36
Iy (cm^4)	2,06
Material Material	Acero galvanizado Galvanised steel



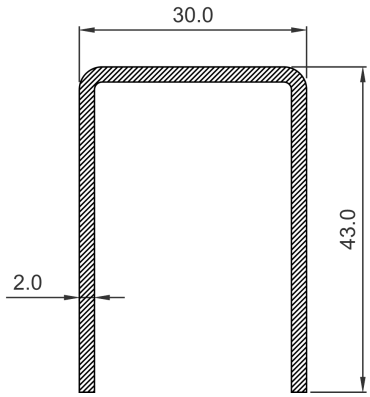
1389	
Descripción Description	Refuerzo de 30x37 30x37 reinforcement
Peso Weight **(g/m)**	1454,1
Ix (cm^4)	3,26
Iy (cm^4)	2,1
Material Material	Acero galvanizado Galvanised steel
Observaciones Observations	Refuerzo para cerraderos de puerta Reinforcement for door locks



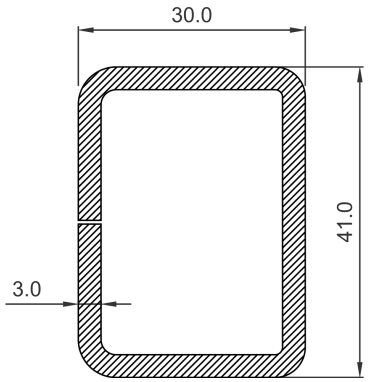
1390	
Descripción Description	Refuerzo de 30x30 30x30 reinforcement
Peso Weight **(g/m)**	1292
Ix (cm^4)	2,2
Iy (cm^4)	2,17
Material Material	Acero galvanizado Galvanised steel



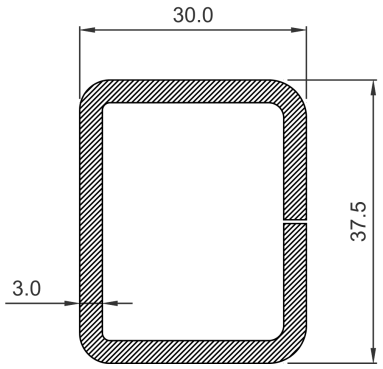
1391	
Descripción Description	Refuerzo U de 30x26 30x26 reinforcement
Peso Weight **(g/m)**	912,5
Ix (cm^4)	0,82
Iy (cm^4)	1,78
Material Material	Acero galvanizado Galvanised steel



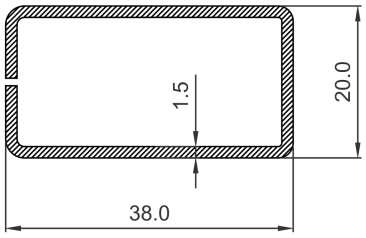
1392	
Descripción Description	Refuerzo U de 43x30 43x30 U reinforcement
Peso Weight **(g/m)**	1721,6
Ix (cm⁴)	4,21
Iy (cm⁴)	3,57
Material Material	Acero galvanizado Galvanised steel



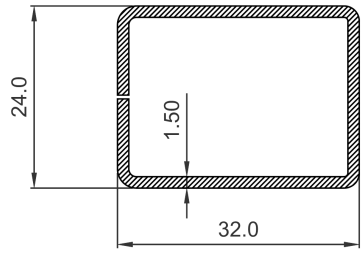
1393	
Descripción Description	Refuerzo de 41x30 41x30 reinforcement
Peso Weight **(g/m)**	2936,9
Ix (cm⁴)	4,99
Iy (cm⁴)	8,37
Material Material	Acero galvanizado Galvanised steel
Observaciones Observations	Ref. 381393 perfil fresado L=2350 mm para hoja balconera y cierre multipunto Ref. 381393 milled profile L=2350 for balcony sash and multipoint lock



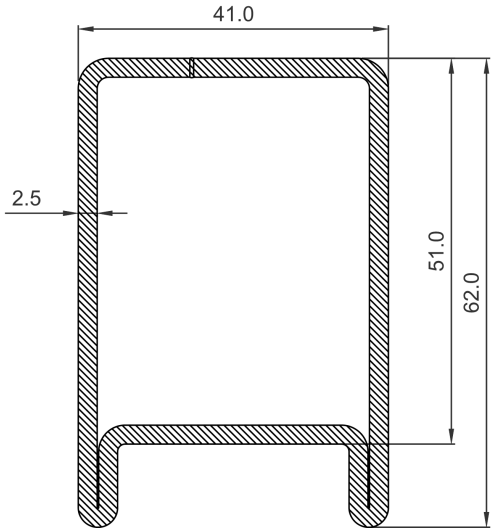
1394	
Descripción Description	Refuerzo de 37.5x30 37.5x30 reinforcement
Peso Weight **(g/m)**	2772
Ix (cm⁴)	6,42
Iy (cm⁴)	4,55
Material Material	Acero galvanizado Galvanised steel
Observaciones Observations	Ref. 381394 perfil fresado L=2350 mm para hoja balconera y cierre multipunto Ref. 381394 milled profile L=2350 for balcony sash and multipoint lock



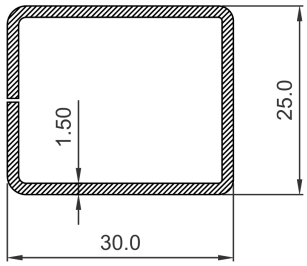
1395	
Descripción Description	Refuerzo de 38x20 38x20 reinforcement
Peso Weight **(g/m)**	1245
Ix (cm⁴)	1,06
Iy (cm⁴)	2,86
Material Material	Acero galvanizado Galvanised steel



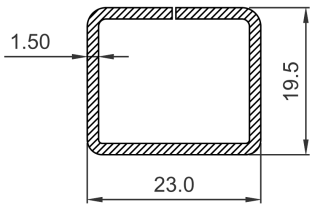
1396	
Descripción **Description**	Refuerzo de 32x24 32x24 reinforcement
Peso **Weight** **(g/m)**	1201
Ix (cm⁴)	1,39
Iy (cm⁴)	2,14
Material **Material**	Acero galvanizado Galvanised steel



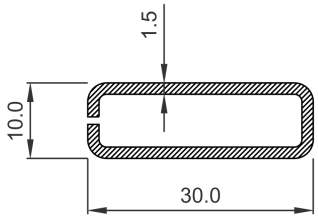
1399	
Descripción **Description**	Refuerzo de 62x41 62x41 reinforcement
Peso **Weight** **(g/m)**	4150
Ix (cm⁴)	23,5
Iy (cm⁴)	14,4
Material **Material**	Acero galvanizado Galvanised steel
Observaciones **Observations**	Ref. 411399 perfil fresado L=2350 mm para hoja puerta y cerradura Ref. 411399 milled profile L=2350 mm for door sash and lock



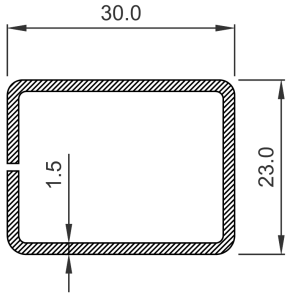
1490	
Descripción **Description**	Refuerzo de 30x25 30x25 reinforcement
Peso **Weight** **(g/m)**	1177,4
Ix (cm⁴)	1,44
Iy (cm⁴)	1,89
Material **Material**	Acero galvanizado Galvanised steel



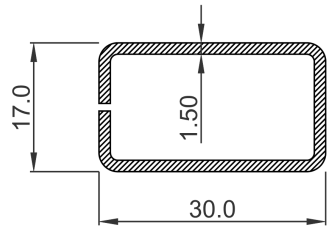
1492	
Descripción **Description**	Refuerzo de 23x19.5 23x19.5 reinforcement
Peso **Weight** **(g/m)**	883,1
Ix (cm⁴)	0,82
Iy (cm⁴)	0,62
Material **Material**	Acero galvanizado Galvanised steel



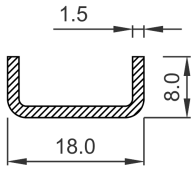
1493	
Descripción **Description**	Refuerzo de 30x10 30x10 reinforcement
Peso **Weight** **(g/m)**	824,2
Ix (cm⁴)	0,16
Iy (cm⁴)	0,97
Material **Material**	Acero galvanizado Galvanised steel



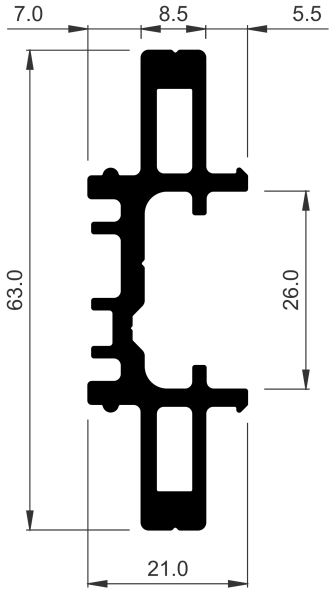
1595	
Descripción Description	Refuerzo de 30x23 30x23 reinforcement
Peso Weight **(g/m)**	1130,3
Ix (cm^4)	1,19
Iy (cm^4)	1,77
Material Material	Acero galvanizado Galvanised steel



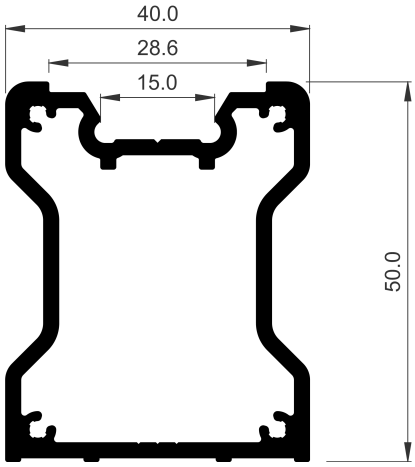
1890	
Descripción Description	Refuerzo de 30 x 17 30 x 17 reinforcement
Peso Weight **(g/m)**	989,1
Ix (cm^4)	0,58
Iy (cm^4)	1,4
Material Material	Acero galvanizado Galvanised steel



1892	
Descripción Description	Refuero U de 8X18X8 8X18X8 U reinforcement
Peso Weight **(g/m)**	347,8
Ix (cm^4)	0,03
Iy (cm^4)	0,19
Material Material	Acero galvanizado Galvanised steel



1893	
Descripción Description	Refuerzo de 63x21 63x21 reinforcement
Peso Weight **(g/m)**	1031,4
Superficie Surface **(dm^2/m)**	26,09
Ix (cm^4)	13,58
Iy (cm^4)	0,85
Material Material	Aluminio Aluminium



COR-4750	
Descripción **Description**	Refuerzo 40x50 mm 40x50 mm reinforcement
Peso **Weight** **(g/m)**	1147,5
Superficie **Surface** **(dm^2/m)**	40,9
Ix (cm^4)	13,81
Iy (cm^4)	8,9

A 70 ABISAGRADA
A 70 HINGED

3. RELACIÓN DE ACCESORIOS
3. ACCESSORIES LIST

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SISTEMA PVC A 70 ABISAGRADA
Relación de accesorios

PVC SYSTEM A 70 HINGED
Accessories list

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
207003	Burlete puerta apertura interior Inward opening door brush gasket	Gris Grey	Juntas Gaskets	142
207004	Escuadra alineamiento Alignment corner cleat	Sin color No colour	Escuadra alineamiento Alignment corner cleat	140
238297	Tornillo fijación goterón Drip cap fixation screw	Sin color No colour	Tornillería Screws	153
247230	Escuadra inyección Injection cleat	Sin color No colour	Escuadra principal/secundaria Main/Secondary cleat	141
250301	Bisagra de contra Shutter hinge	Blanco White	Bisagra Hinge	139
250311	Bisagra de contra Shutter hinge	Negro Black	Bisagra Hinge	139
250323	Bisagra de contra Shutter hinge	Color Colour	Bisagra Hinge	139
250327	Bisagra de contra Shutter hinge	Caramelo Caramel	Bisagra Hinge	139
250329	Bisagra de contra Shutter hinge	Marrón Brown	Bisagra Hinge	139
250401	Cierre de contra Shutter lock	Blanco White	Cerradero y cerradura Strike and lock	139
250411	Cierre de contra Shutter lock	Negro Black	Cerradero y cerradura Strike and lock	139
250423	Cierre de contra Shutter lock	Color Colour	Cerradero y cerradura Strike and lock	139
250427	Cierre de contra Shutter lock	Caramelo Caramel	Cerradero y cerradura Strike and lock	139
250429	Cierre de contra Shutter lock	Marrón Brown	Cerradero y cerradura Strike and lock	139
250626	Juego tapas goterón Drip cap end plates set	Color Colour	Tapas Covers	146
258206	Juego tapas goterón Drip cap end plates set	Negro Black	Tapas Covers	146
258207	Juego tapas goterón Drip cap end plates set	Caramelo Caramel	Tapas Covers	146
258209	Juego tapas goterón Drip cap end plates set	Marrón Brown	Tapas Covers	146
258216	Juego tapas goterón Drip cap end plates set	Blanco White	Tapas Covers	146
258224	Juego tapas goterón Drip cap end plates set	Plata claro Light silver	Tapas Covers	146
258225	Juego tapas goterón Drip cap end plates set	Plata oscuro Dark silver	Tapas Covers	146
258227	Juego tapas goterón Drip cap end plates set	7016CM 7016CM	Tapas Covers	146
258228	Juego tapas goterón Drip cap end plates set	Lacado Inox Inox powder coating	Tapas Covers	146
258229	Juego tapas goterón Drip cap end plates set	9010CM 9010CM	Tapas Covers	146
258230	Juego tapas goterón Drip cap end plates set	7016TD 7016TD	Tapas Covers	146
258231	Juego tapas goterón Drip cap end plates set	9016CM 9016CM	Tapas Covers	146

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
307600	Junta umbral puerta Door threshold gasket	Negro Black	Juntas Gaskets	143
310324	Bisagra de contra Shutter hinge	Plata claro Light silver	Bisagra Hinge	139
310325	Bisagra de contra Shutter hinge	Plata oscuro Dark silver	Bisagra Hinge	139
310326	Bisagra de contra Shutter hinge	7016CM 7016CM	Bisagra Hinge	139
310327	Bisagra de contra Shutter hinge	9010CM 9010CM	Bisagra Hinge	139
310328	Bisagra de contra Shutter hinge	Lacado Inox Inox powder coating	Bisagra Hinge	139
310424	Cierre de contra Shutter lock	Plata claro Light silver	Cerradero y cerradura Strike and lock	139
310425	Cierre de contra Shutter lock	Plata oscuro Dark silver	Cerradero y cerradura Strike and lock	139
310426	Cierre de contra Shutter lock	7016CM 7016CM	Cerradero y cerradura Strike and lock	139
310427	Cierre de contra Shutter lock	9010CM 9010CM	Cerradero y cerradura Strike and lock	139
310428	Cierre de contra Shutter lock	Lacado Inox Inox powder coating	Cerradero y cerradura Strike and lock	139
317951	Aireador rejilla interior Trickle vent inner slot	Blanco White	Aireadores Trickle Vents	135
317952	Aireador rejilla interior Trickle vent inner slot	Negro Black	Aireadores Trickle Vents	135
317953	Aireador rejilla interior Trickle vent inner slot	Color Colour	Aireadores Trickle Vents	135
317954	Aireador rejilla interior Trickle vent inner slot	Lacado Inox Inox powder coating	Aireadores Trickle Vents	135
317959	Aireador rejilla interior Trickle vent inner slot	Marrón Brown	Aireadores Trickle Vents	135
317961	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Blanco White	Aireadores Trickle Vents	135
317962	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Negro Black	Aireadores Trickle Vents	135
317963	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Color Colour	Aireadores Trickle Vents	135
317964	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Lacado Inox Inox powder coating	Aireadores Trickle Vents	135
317969	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Marrón Brown	Aireadores Trickle Vents	135
317971	Tapas laterales plástico Lateral plastic covers	Blanco White	Aireadores Trickle Vents	135
317972	Tapas laterales plástico Lateral plastic covers	Negro Black	Aireadores Trickle Vents	135
317973	Tapas laterales plástico Lateral plastic covers	Plata Silver	Aireadores Trickle Vents	135
327955	Aireador rejilla interior Trickle vent inner slot	Plata claro Light silver	Aireadores Trickle Vents	135
327956	Aireador rejilla interior Trickle vent inner slot	Plata oscuro Dark silver	Aireadores Trickle Vents	135

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
327965	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Plata claro Light silver	Aireadores Trickle Vents	135
327966	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Plata oscuro Dark silver	Aireadores Trickle Vents	135
330120	Calce para vidrio 1x20 mm 1x20 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	136
330124	Calce para vidrio 1x24 mm 1x24 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	136
330130	Calce para vidrio 1x30 mm 1x30 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330134	Calce para vidrio 1x34 mm 1x34 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330140	Calce para vidrio 1x40 mm 1x40 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330319	Calce para vidrio 3x20 mm 3x20 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330324	Calce para vidrio 3x24 mm 3x24 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330330	Calce para vidrio 3x30 mm 3x30 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330334	Calce para vidrio 3x34 mm 3x34 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330340	Calce para vidrio 3x40 mm 3x40 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330420	Calce para vidrio 4x20 mm 4x20 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330424	Calce para vidrio 4x24 mm 4x24 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	137
330430	Calce para vidrio 4x30 mm 4x30 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330434	Calce para vidrio 4x34 mm 4x34 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330440	Calce para vidrio 4x40 mm 4x40 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330520	Calce para vidrio 5x20 mm 5x20 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330524	Calce para vidrio 5x24 mm 5x24 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330529	Calce para vidrio 5x30 mm 5x30 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330534	Calce para vidrio 5x34 mm 5x34 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
330540	Calce para vidrio 5x40 mm 5x40 mm glazing wedge	Sin color No colour	Asiento vidrio Glazing wedge	138
331221	Junta tapa ranura marco Frame groove cover gasket	Gris Grey	Juntas Gaskets	143
331222	Junta tapa ranura marco Frame groove cover gasket	Negro Black	Juntas Gaskets	143
331223	Junta tapa ranura marco Frame groove cover gasket	Blanco White	Juntas Gaskets	143
331224	Junta tapa ranura marco Frame groove cover gasket	Marrón Brown	Juntas Gaskets	143

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
331225	Junta tapa ranura marco Frame groove cover gasket	Caramelo Caramel	Juntas Gaskets	143
331250	Tornillo fijación vierteaguas PVC PVC drip cap attachment screw	Sin color No colour	Tornillería Screws	153
331255	Correa transporte Carrying strap	Sin color No colour	Varios Various	155
331256	Tornillo para correa transporte Carrying strap screw	Sin color No colour	Tornillería Screws	154
331310	Asiento acristalar A70 A70 glazing seat	Sin color No colour	Asiento vidrio Glazing wedge	136
331323	Escuadra soldable hoja de puerta Door sash welding cleat	Sin color No colour	Escuadra principal Main corner cleat	141
331352	Tope oculto travesaño Transom hidden stopper	Negro Black	Tope travesaño interior/exterior Internal/external transom stopper	151
331353	Tope oculto travesaño Transom hidden stopper	Blanco White	Tope travesaño interior/exterior Internal/external transom stopper	151
331354	Tope oculto travesaño Transom hidden stopper	Caramelo Caramel	Tope travesaño interior/exterior Internal/external transom stopper	151
331370	Aireador de ventana oculto Hidden window trickle vent	Blanco White	Aireadores Trickle Vents	135
331371	Regulador caudal aireador oculto Hidden trickle vent flow controller	Blanco White	Aireadores Trickle Vents	135
331390	Juego fresas travesaño Transom miller cutters kit	Sin color No colour	Fresa Milling cutter	141
341110	Tornillo SFSSP3RW-3.9x13C SFSSP3RW-3.9x13C screw	Sin color No colour	Tornillería Screws	153
341111	Tornillo SFSSP3RW-3.9x16C SFSSP3RW-3.9x16C screw	Sin color No colour	Tornillería Screws	153
341112	Tornillo SFSSP3RW-3.9x19C SFSSP3RW-3.9x19C screw	Sin color No colour	Tornillería Screws	153
341113	Tornillo SFSSP3-3.9x25C SFSSP3-3.9x25C screw	Sin color No colour	Tornillería Screws	152
341114	Tornillo SFSSP3-3.9x22C SFSSP3-3.9x22C screw	Sin color No colour	Tornillería Screws	152
341115	Tornillo SFSSP3-3.9x32C SFSSP3-3.9x32C screw	Sin color No colour	Tornillería Screws	152
341117	Tornillo SFSSP3-3.9x45C SFSSP3-3.9x45C screw	Sin color No colour	Tornillería Screws	152
341118	Tornillo SFSSP3-3.9x50C SFSSP3-3.9x50C screw	Sin color No colour	Tornillería Screws	153
341120	Tornillo ∅4.2x80 ∅4.2x80 screw	Sin color No colour	Tornillería Screws	154
341121	Tornillo SFSSPT-4.3x16C SFSSPT-4.3x16C screw	Sin color No colour	Tornillería Screws	153
341123	Tornillo SFSSPT-4,3x25C SFSSPT-4,3x25C screw	Sin color No colour	Tornillería Screws	153
341124	Tornillo SFSSPT-4,3x30C SFSSPT-4,3x30C screw	Sin color No colour	Tornillería Screws	153
341127	Tornillo SFSSPT-4,3x45C SFSSPT-4,3x45C screw	Sin color No colour	Tornillería Screws	153
341128	Tornillo SFSSPT-4.3x55C SFSSPT-4.3x55C screw	Sin color No colour	Tornillería Screws	153

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
341131	Tornillo SFSSP1-4,8x65C SFSSP1-4,8x65C screw	Sin color No colour	Tornillería Screws	152
341133	Tornillo SFSSP1-4,8x80C SFSSP1-4,8x80C screw	Sin color No colour	Tornillería Screws	152
341134	Tornillo SFSSP1-4,8x95C SFSSP1-4,8x95C screws	Sin color No colour	Tornillería Screws	152
341142	Tornillo DIN7982-4.8x32 DIN7982-4.8x32 screw	Sin color No colour	Tornillería Screws	152
341143	Tornillo DIN7982-4.8X38 DIN7982-4.8X38 screw	Sin color No colour	Tornillería Screws	152
341146	Tornillo DIN7982-4.8X60 DIN7982-4.8X60 screw	Sin color No colour	Tornillería Screws	152
341151	Capuchón tornillo fijación Ø4,8 Ø4,8 fixation screw cap	Blanco White	Varios Various	155
341152	Capuchón tornillo fijación Ø4,8 Ø4,8 fixation screw cap	Marrón Brown	Varios Various	155
341154	Capuchón tornillo fijación Ø4,8 Ø4,8 fixation screw cap	Negro Black	Varios Various	155
341248	Rotulador para retoque de folio - Marrón mate Foil retouching marker - Matte brown	Sin color No colour	Varios Various	159
341249	Rotulador para retoque de folio - Gris mate Foil retouching marker - Matte grey	Sin color No colour	Varios Various	159
341250	Rotulador para retoque de folio - Negro mate Foil retouching marker - Matte black	Sin color No colour	Varios Various	159
341252	Rotulador para retoque de folio - Marrón oscuro/chocolate Foil retouching marker - Dark/chocolate brown	Sin color No colour	Varios Various	159
341253	Rotulador para retoque de folio - Pino veteado Foil retouching marker - Veined pine wood	Sin color No colour	Varios Various	157
341254	Rotulador para retoque de folio - Roble newcastle Foil retouching marker - Newcastle oak	Sin color No colour	Varios Various	157
341255	Rotulador para retoque de folio - Verde musgo Foil retouching marker - Moss green	Sin color No colour	Varios Various	161
341256	Rotulador para retoque de folio - Azul acero Foil retouching marker - Steel blue	Sin color No colour	Varios Various	158
341257	Rotulador para retoque de folio - Azul brillante Foil retouching marker - Bright blue	Sin color No colour	Varios Various	158
341258	Rotulador para retoque de folio - Gris claro Foil retouching marker - Light grey	Sin color No colour	Varios Various	158
341259	Rotulador para retoque de folio - Gris ágata Foil retouching marker - Agate grey	Sin color No colour	Varios Various	159
341260	Rotulador para retoque de folio - Marrón claro Foil retouching marker - Light brown	Sin color No colour	Varios Various	159
341269	Adhesivo especial gomas, TRANSPARENTE Rubber special adhesive, TRANSPARENT	Sin color No colour	Varios Various	155
341270	Protector anticorrosión herraje Anti-corrosion guard hardware	Sin color No colour	Varios Various	156
341272	Pegamento perfil PVC, blanco Glue for PVC profile - White	Sin color No colour	Varios Various	156
341273	Pegamento perfil PVC, transparante Glue for PVC profile, transparent	Sin color No colour	Varios Various	156
341274	Limpiador 20 PVC blanco y color, 1L White and colour PVC 20 cleaner, 1L.	Sin color No colour	Varios Various	156

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
341276	Kit mantenimiento PVC BLANCO - Aluminio ANODIZADO Maintenance kit PVC WHITE - ANODISED Aluminium	Sin color No colour	Varios Various	155
341277	Kit mantenimiento PVC COLOR - Aluminio LACADO Maintenance kit PVC COLOUR - POWDER COATING Aluminium	Sin color No colour	Varios Various	156
341278	Rotulador para retoque de folio - Verde mate Foil retouching marker - Matte green	Sin color No colour	Varios Various	161
341279	Rotulador para retoque de folio - Oro Foil retouching marker - Gold	Sin color No colour	Varios Various	160
341280	Punta de recambio rotulador retoque Retouching marker spare tip	Sin color No colour	Varios Various	157
341281	Rotulador para retoque de folio - Roble dorado Foil retouching marker - Golden oak	Sin color No colour	Varios Various	160
341282	Rotulador para retoque de folio - Nogal Foil retouching marker - Walnut	Sin color No colour	Varios Various	159
341283	Rotulador para retoque de folio - Gris antracita/Liso Foil retouching marker - Anthracite grey/plain	Sin color No colour	Varios Various	158
341284	Rotulador para retoque de folio - Gris plata Foil retouching marker - Silver	Sin color No colour	Varios Various	159
341285	Rotulador para retoque de folio - Sapelli Foil retouching marker - Sapelly	Sin color No colour	Varios Various	160
341286	Rotulador para retoque de folio - Verde pino Foil retouching marker - Pine green	Sin color No colour	Varios Various	161
341287	Rotulador para retoque de folio - Rojo vino Foil retouching marker - Wine red	Sin color No colour	Varios Various	160
341288	Rotulador para retoque de folio - Caoba Foil retouching marker - Mahogany	Sin color No colour	Varios Various	158
341289	Rotulador para retoque de folio - Plata aluminio Foil retouching marker - Aluminium silver	Sin color No colour	Varios Various	160
341290	Rotulador para retoque de folio - Blanco Foil retouching marker - White	Sin color No colour	Varios Various	158
341291	Rotulador para retoque de folio - Blanco crema Foil retouching marker - Cream white	Sin color No colour	Varios Various	158
341292	Rotulador para retoque de folio - Bronce Foil retouching marker - Bronze	Sin color No colour	Varios Various	158
341293	Rotulador para retoque de folio - Antracita metalizado Foil retouching marker - Metallic anthracite	Sin color No colour	Varios Various	158
341294	Rotulador para retoque de folio - Ocre metalizado Foil retouching marker - Metallic ochre	Sin color No colour	Varios Various	159
341295	Rotulador para retoque de folio - Roble claro Foil retouching marker - Light oak	Sin color No colour	Varios Various	160
341296	Rotulador para retoque de folio - Roble rústico Foil retouching marker - Rustic oak	Sin color No colour	Varios Various	160
341297	Rotulador para retoque de folio - Roble oscuro Foil retouching marker - Dark oak	Sin color No colour	Varios Various	160
341298	Rotulador para retoque de folio - Walnuss-nogal Foil retouching marker - Walnuss-walnut	Sin color No colour	Varios Various	161
341299	Rotulador para retoque de folio - Abeto Foil retouching marker - Fir	Sin color No colour	Varios Various	157
341350	Tope metálico travesaño Transom metal stopper	Sin color No colour	Tope travesaño interior/exterior Internal/external transom stopper	151
350100	Tapa salida de aguas Water outlet cover	Negro Black	Tapas Covers	150

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
350101	Tapa salida de aguas Water outlet cover	Blanco White	Tapas Covers	150
350102	Tapa salida de aguas Water outlet cover	Marrón Brown	Tapas Covers	150
350103	Tapa salida de aguas Water outlet cover	Caramelo Caramel	Tapas Covers	150
351110	Cortavientos 170-15 (260+ 330 mm) 170-15 (260 + 330 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	139
351111	Cortavientos 170-15 (330+ 430 mm) 170-15 (330 + 430 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351112	Cortavientos 170-15 (430+ 530 mm) 170-15 (430 + 530 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351113	Cortavientos 170-15 (530+ 630 mm) 170-15 (530 + 630 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351114	Cortavientos 170-15 (630+ 730 mm) 170-15 (630 + 730 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351115	Cortavientos 170-15 (730+ 830 mm) 170-15 (730 + 830 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351116	Cortavientos 170-15 (830+ 930 mm) 170-15 (830 + 930 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351117	Cortavientos 170-15 (930+ 1030 mm) 170-15 (930 + 1030 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	140
351118	Cortavientos 170-15 (1030+ 1130 mm) 170-15 (1030 + 1130 mm) wind centre seal	Blanco White	Cortavientos Wind Centre Seal	139
351120	Tope activación cortavientos Wind centre seal activation stopper	Blanco White	Cortavientos Wind Centre Seal	140
351121	Tope activación cortavientos Wind centre seal activation stopper	Marrón Brown	Cortavientos Wind Centre Seal	140
351201	Junta Gasket	Gris Grey	Juntas Gaskets	142
351202	Junta Gasket	Negro Black	Juntas Gaskets	142
351221	Junta acristalar PVC PVC glazing gasket	Gris Grey	Juntas Gaskets	142
351222	Junta acristalar PVC PVC glazing gasket	Negro Black	Juntas Gaskets	142
351223	Junta acristalar PVC PVC glazing gasket	Caramelo Caramel	Juntas Gaskets	142
351240	Tapa lateral cobertor refuerzos Side cover of reinforcement covering strips	Blanco White	Tapas Covers	150
351241	Tapa lateral cobertor refuerzos Side cover of reinforcement covering strips	Marrón Brown	Tapas Covers	150
351242	Tapa lateral cobertor refuerzos Side cover of reinforcement covering strips	Caramelo Caramel	Tapas Covers	150
351243	Tapa lateral cobertor refuerzos Side cover of reinforcement covering strips	Negro Black	Tapas Covers	150
351247	Rotulador para retoque de folio - Sheffield claro Foil retouching marker - Light Sheffield	Sin color No colour	Varios Various	160
351248	Rotulador para retoque de folio - Sheffield oscuro Foil retouching marker - Dark Sheffield	Sin color No colour	Varios Various	160
351249	Rotulador para retoque de folio - Roble malta woodec Foil retouching marker - Malt woodec oak	Sin color No colour	Varios Various	160

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
351250	Fundidor a gas Gas powered soldering iron	Sin color No colour	Varios Various	155
351260	Cera dura reparaciones - Blanco Repairing hard wax - White	Sin color No colour	Varios Various	155
351268	Lana abrasiva basta Coarse abrasive wool	Sin color No colour	Varios Various	156
351269	Lana abrasiva fina Fine abrasive wool	Sin color No colour	Varios Various	156
351276	Laca de acabado semi-mate (grado 19-21) Semi-matte finishing lacquer (19-21 degree)	Sin color No colour	Varios Various	156
351277	Laca de acabado satinado grado 35-40 Glossy finishing lacquer (35-40 degree)	Sin color No colour	Varios Various	156
351280	Juego tapas laterales bandeja 90 Lateral covers set for 90 tray	Blanco White	Tapas Covers	147
351281	Juego tapas laterales bandeja 90 Lateral covers set for 90 tray	Marrón Brown	Tapas Covers	147
351282	Juego tapas laterales bandeja 90 Lateral covers set for 90 tray	Caramelo Caramel	Tapas Covers	147
351283	Juego tapas laterales bandeja 90 Lateral covers set for 90 tray	Negro Black	Tapas Covers	147
351285	Juego tapas laterales bandeja 45 Lateral covers set for 45 tray	Blanco White	Tapas Covers	147
351286	Juego tapas laterales bandeja 45 Lateral covers set for 45 tray	Marrón Brown	Tapas Covers	147
351287	Juego tapas laterales bandeja 45 Lateral covers set for 45 tray	Caramelo Caramel	Tapas Covers	147
351288	Juego tapas laterales bandeja 45 Lateral covers set for 45 tray	Negro Black	Tapas Covers	147
351290	Juego tapas laterales solera reducida Lateral covers kit for reduced cill	Negro Black	Tapas Covers	149
351291	Juego tapas laterales solera reducida Lateral covers kit for reduced cill	Gris Grey	Tapas Covers	149
351292	Junta cortavientos puerta Door wind centre seal gasket	Negro Black	Cortavientos Wind Centre Seal	140
351293	Junta cortavientos puerta Door wind centre seal gasket	Gris Grey	Cortavientos Wind Centre Seal	140
351294	Juego tapas laterales remate hoja Lateral covers kit for sash bottom finishing profile	Negro Black	Tapas Covers	149
351295	Juego tapas laterales remate hoja Lateral covers kit for sash bottom finishing profile	Blanco White	Tapas Covers	149
351296	Juego tapas laterales remate hoja Lateral covers kit for sash bottom finishing profile	Caramelo Caramel	Tapas Covers	149
351299	Troquel manual series PVC PVC series manual punch tool	Sin color No colour	Troquel Punching machine	154
351300	Asiento acristalar A70 hoja Sash A70 glazing seat	Sin color No colour	Asiento vidrio Glazing wedge	136
351322	Paleta colocación esquina soldable Installation trowel for welding corner	Sin color No colour	Escuadra principal Main corner cleat	141
351323	Esquina soldable hoja de puerta Door sash welding corner	Sin color No colour	Escuadra principal Main corner cleat	141
351334	Juego tapas inversor ventana (parte interior) Covers kit for window inverter (inner part)	Blanco White	Tapas Covers	147

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
351335	Juego tapas inversor ventana (parte interior) Covers kit for window inverter (inner part)	Marrón Brown	Tapas Covers	147
351336	Juego tapas inversor ventana (parte interior) Covers kit for window inverter (inner part)	Caramelo Caramel	Tapas Covers	147
351337	Juego tapas inversor ventana (parte interior) Covers kit for window inverter (inner part)	Negro Black	Tapas Covers	147
351340	Juego tapas inversor, parte interior Covers kit for window inverter (inner part)	Blanco White	Tapas Covers	147
351341	Juego tapas inversor, parte interior Covers kit for window inverter (inner part)	Marrón Brown	Tapas Covers	147
351342	Juego tapas inversor, parte interior Covers kit for window inverter (inner part)	Caramelo Caramel	Tapas Covers	147
351343	Juego tapas inversor, parte interior Covers kit for window inverter (inner part)	Negro Black	Tapas Covers	147
351344	Juego tapas inversor, parte exterior Covers kit for window inverter (outer part)	Blanco White	Tapas Covers	147
351345	Juego tapas inversor, parte exterior Covers kit for window inverter (outer part)	Marrón Brown	Tapas Covers	147
351346	Juego tapas inversor, parte exterior Covers kit for window inverter (outer part)	Caramelo Caramel	Tapas Covers	147
351347	Juego tapas inversor, parte exterior Covers kit for window inverter (outer part)	Negro Black	Tapas Covers	147
351350	Tope metálico en ángulo unión travesaños Angled metal stopper for transoms union	Sin color No colour	Tope travesaño interior/exterior Internal/external transom stopper	151
351354	Juego tapas perfil batiente interior Covers kit for inner jamb profile	Blanco White	Tapas Covers	150
351355	Juego tapas perfil batiente interior Covers kit for inner jamb profile	Marrón Brown	Tapas Covers	150
351356	Juego tapas perfil batiente interior Covers kit for inner jamb profile	Caramelo Caramel	Tapas Covers	150
351357	Juego tapas perfil batiente interior Covers kit for inner jamb profile	Negro Black	Tapas Covers	150
351358	Plantilla topes travesaños PVC PVC transoms stopper template	Sin color No colour	Tope travesaño interior/exterior Internal/external transom stopper	151
351370	Juego tapas laterales remate inf, Lateral covers kit for bottom finishing profile	Blanco White	Tapas Covers	149
351371	Juego tapas laterales remate inf, Lateral covers kit for bottom finishing profile	Marrón Brown	Tapas Covers	149
351372	Juego tapas laterales remate inf, Lateral covers kit for bottom finishing profile	Caramelo Caramel	Tapas Covers	149
351373	Juego tapas laterales remate inf, Lateral covers kit for bottom finishing profile	Negro Black	Tapas Covers	149
351374	Juego tapas inversor ventana (parte exterior) Covers kit for window inverter (outer part)	Blanco White	Tapas Covers	147
351375	Juego tapas inversor ventana (parte exterior) Covers kit for window inverter (outer part)	Marrón Brown	Tapas Covers	147
351376	Juego tapas inversor ventana (parte exterior) Covers kit for window inverter (outer part)	Caramelo Caramel	Tapas Covers	147
351377	Juego tapas inversor ventana (parte exterior) Covers kit for window inverter (outer part)	Negro Black	Tapas Covers	147
351380	Juego tapas laterales batiente plegable Side covers kit for bi-fold jamb	Blanco White	Tapas Covers	147

SISTEMA PVC A 70 ABISAGRADA
Relación de accesorios

PVC SYSTEM A 70 HINGED
Accessories list

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
351381	Juego tapas laterales batiente plegable Side covers kit for bi-fold jamb	Marrón Brown	Tapas Covers	147
351382	Juego tapas laterales batiente plegable Side covers kit for bi-fold jamb	Caramelo Caramel	Tapas Covers	147
351383	Juego tapas laterales batiente plegable Side covers kit for bi-fold jamb	Negro Black	Tapas Covers	147
351385	Juego espuma aislante batiente ext. Outer jamb isolating foam kit	Negro Black	Varios Various	155
361101	Junta batiente marco con hilo Frame leaf gasket with cord	Gris Grey	Juntas Gaskets	143
361102	Junta batiente marco con hilo Frame leaf gasket with cord	Negro Black	Juntas Gaskets	143
361103	Junta batiente marco con hilo Frame leaf gasket with cord	Caramelo Caramel	Juntas Gaskets	143
361111	Junta batiente hoja con hilo Sash jamb gasket with cord	Gris Grey	Juntas Gaskets	143
361112	Junta batiente hoja con hilo Sash jamb gasket with cord	Negro Black	Juntas Gaskets	143
361113	Junta batiente hoja con hilo Sash jamb gasket with cord	Caramelo Caramel	Juntas Gaskets	143
361236	Grapa para solape PVC PVC overlap clip	Blanco White	Grapa Clip	141
361240	Juego tapas vierteaguas Drip cap covers kit	Blanco White	Tapas Covers	150
361241	Juego tapas vierteaguas Drip cap covers kit	Marrón Brown	Tapas Covers	150
361242	Juego tapas vierteaguas Drip cap covers kit	Caramelo Caramel	Tapas Covers	150
361243	Juego tapas vierteaguas Drip cap covers kit	Negro Black	Tapas Covers	150
361251	Tope metálico divisor hoja Sash divider metal stopper	Sin color No colour	Tope travesaño interior/exterior Internal/external transom stopper	151
361258	Tope oculto travesaño ancho Wide transom hidden stopper	Caramelo Caramel	Tope travesaño interior/exterior Internal/external transom stopper	151
361295	Cuchillo repaso limpieza perfiles Knife for profile cleaning check	Sin color No colour	Varios Various	155
361350	Tope travesaño ancho - metálico Wide - metal transom stopper	Sin color No colour	Tope travesaño interior/exterior Internal/external transom stopper	151
361352	Tope oculto travesaño ancho Wide transom hidden stopper	Negro Black	Tope travesaño interior/exterior Internal/external transom stopper	151
361353	Tope oculto travesaño ancho Wide transom hidden stopper	Blanco White	Tope travesaño interior/exterior Internal/external transom stopper	151
364751	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Blanco White	Tapas Covers	150
364752	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Negro Black	Tapas Covers	150
364753	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Color Colour	Tapas Covers	150
364754	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Plata claro Light silver	Tapas Covers	150
364755	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Plata oscuro Dark silver	Tapas Covers	150

SISTEMA PVC A 70 ABISAGRADA
Relación de accesorios

PVC SYSTEM A 70 HINGED
Accessories list

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
364756	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Lacado Inox Inox powder coating	Tapas Covers	150
364757	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	7016TD 7016TD	Tapas Covers	150
364758	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	9016CM 9016CM	Tapas Covers	150
371238	Grapa para ángulo PVC PVC angle clip	Sin color No colour	Grapa Clip	141
371270	Pegamento para PVC (20gr) PVC glue (20 gr)	Sin color No colour	Varios Various	156
371290	Juego tapas laterales solera Cill side covers kit	Negro Black	Tapas Covers	149
371291	Juego tapas laterales solera Cill side covers kit	Gris Grey	Tapas Covers	149
381110	Grapa solape registro Register overlap clip	Sin color No colour	Grapa Clip	142
381295	Embellecedor pieza unión solera puerta Cill joint piece trim	Negro Black	Tapas Covers	146
381296	Embellecedor pieza unión solera puerta Cill joint piece trim	Gris Grey	Tapas Covers	146
381382	Refuerzo fresado hoja puerta Door sash milled reinforcement	Sin color No colour	Varios Various	157
381393	Refuerzo fresado hoja balconera AI Milled reinforcement for inwards opening balcony	Sin color No colour	Varios Various	157
381394	Refuerzo fresado hoja balconera AE Milled reinforcement for outwards opening balcony	Sin color No colour	Varios Various	157
384971	Tapón ∅ 10 mm Stopper ∅ 10 mm	Blanco White	Varios Various	161
384972	Tapón ∅ 10 mm Stopper ∅ 10 mm	Negro Black	Varios Various	161
384973	Tapón ∅ 10 mm Stopper ∅ 10 mm	Marrón Brown	Varios Various	161
391200	Camisa reductora ∅30/32 ∅30/32 adapter	Sin color No colour	Fresa Milling cutter	141
391275	Limpiador 10 PVC blanco, 1L White 10 PVC cleaner, 1L	Sin color No colour	Varios Various	156
391335	Goma drenaje oculto A 70 A70 hidden drainage gasket	Negro Black	Juntas Gaskets	142
391358	Plantilla taladros tope oculto travesaño Drill template for transom hidden stopper	Sin color No colour	Varios Various	156
391361	Tope oculto travesaño A70 A70 transom hidden stopper	Blanco White	Tope travesaño interior/exterior Internal/external transom stopper	151
391362	Tope oculto travesaño A70 A70 transom hidden stopper	Marrón Brown	Tope travesaño interior/exterior Internal/external transom stopper	151
391363	Tope oculto travesaño A70 A70 transom hidden stopper	Caramelo Caramel	Tope travesaño interior/exterior Internal/external transom stopper	151
391364	Tope oculto travesaño A70 A70 transom hidden stopper	Negro Black	Tope travesaño interior/exterior Internal/external transom stopper	151
401200	Junta estanqueidad tapas laterales solera Watertightness gasket side covers for cill	Sin color No colour	Varios Various	155
401322	Esquina soldable hoja de balconera Balcony sash welding corner	Sin color No colour	Escuadra principal Main corner cleat	141

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
401378	Refuerzo fresado hoja de balconera Balcony sash milled reinforcement	Sin color No colour	Varios Various	157
411341	Tope metálico travesaño Transom metal stopper	Blanco White	Tope travesaño interior/exterior Internal/external transom stopper	151
411342	Tope metálico travesaño Transom metal stopper	Negro Black	Tope travesaño interior/exterior Internal/external transom stopper	151
411345	Tope travesaño ancho - metálico Wide - metal transom stopper	Blanco White	Tope travesaño interior/exterior Internal/external transom stopper	151
411346	Tope travesaño ancho - metálico Wide - metal transom stopper	Negro Black	Tope travesaño interior/exterior Internal/external transom stopper	151
411350	Derivador manilla 12.5 12.5 handle bypass	Sin color No colour	Cerradero y cerradura Strike and lock	139
411360	Juego tapas inversor exterior Outer inverter covers kit	Blanco White	Tapas Covers	147
411361	Juego tapas inversor exterior Outer inverter covers kit	Marrón Brown	Tapas Covers	147
411362	Juego tapas inversor exterior Outer inverter covers kit	Caramelo Caramel	Tapas Covers	147
411363	Juego tapas inversor exterior Outer inverter covers kit	Negro Black	Tapas Covers	147
411370	Juego tapas inversor interior Inner inverter covers kit	Blanco White	Tapas Covers	147
411371	Juego tapas inversor interior Inner inverter covers kit	Marrón Brown	Tapas Covers	147
411372	Juego tapas inversor interior Inner inverter covers kit	Caramelo Caramel	Tapas Covers	147
411373	Juego tapas inversor interior Inner inverter covers kit	Negro Black	Tapas Covers	147
411379	Refuerzo fresado hoja de balconera Balcony sash milled reinforcement	Sin color No colour	Varios Various	157
411380	Juego tapas laterales tapeta interior Inner cap side covers kit	Blanco White	Tapas Covers	149
411381	Juego tapas laterales tapeta interior Inner cap side covers kit	Marrón Brown	Tapas Covers	149
411382	Juego tapas laterales tapeta interior Inner cap side covers kit	Caramelo Caramel	Tapas Covers	149
411383	Juego tapas laterales tapeta interior Inner cap side covers kit	Negro Black	Tapas Covers	149
411399	Refuerzo fresado hoja de puerta Door sash milled reinforcement	Sin color No colour	Varios Various	157
417228	Junta hoja de contra PVC Shutter sash PVC gasket	Sin color No colour	Juntas Gaskets	143
418106	Soporte de fijación en L 70x60 mm 70x60 mm L fixing bracket	Sin color No colour	Anclajes Fixing	136
418107	Soporte de fijación 100x70 mm 100x70 mm fixing bracket	Sin color No colour	Anclajes Fixing	136
418109	Soporte de fijación 100x90 mm 100x90 mm fixing bracket	Sin color No colour	Anclajes Fixing	136
418111	Soporte de fijación 100x110 mm 100x110 mm fixing bracket	Sin color No colour	Anclajes Fixing	135
418113	Soporte de fijación 100x130 mm 100x130 mm fixing bracket	Sin color No colour	Anclajes Fixing	136

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
418115	Soporte de fijación 100x150 mm 100x150 mm fixing bracket	Sin color No colour	Anclajes Fixing	136
418117	Soporte de fijación 100x170 mm 100x170 mm fixing bracket	Sin color No colour	Anclajes Fixing	136
418119	Soporte de fijación 100x190 mm 100x190 mm fixing bracket	Sin color No colour	Anclajes Fixing	136
418151	Grapa fijación de 35 mm 35 mm fixation clamp	Sin color No colour	Anclajes Fixing	135
420101	Tapa salida de aguas lateral PVC PVC side drain cover	Blanco White	Tapas Covers	150
420102	Tapa salida de aguas lateral PVC PVC side drain cover	Negro Black	Tapas Covers	150
420103	Tapa salida de aguas lateral PVC PVC side drain cover	Marrón Brown	Tapas Covers	150
420104	Tapa salida de aguas lateral PVC PVC side drain cover	Caramelo Caramel	Tapas Covers	150
420111	Juego tapas laterales alargaderas Lateral cover set for sill	Blanco White	Tapas Covers	147
420112	Juego tapas laterales alargaderas Lateral cover set for sill	Negro Black	Tapas Covers	147
420113	Juego tapas laterales alargaderas Lateral cover set for sill	Marrón Brown	Tapas Covers	147
420114	Juego tapas laterales alargaderas Lateral cover set for sill	Caramelo Caramel	Tapas Covers	147
420121	Juego tapas laterales marcos monobloc Lateral cover set for monoblock frames	Blanco White	Tapas Covers	148
420122	Juego tapas laterales marcos monobloc Lateral cover set for monoblock frames	Negro Black	Tapas Covers	148
420123	Juego tapas laterales marcos monobloc Lateral cover set for monoblock frames	Marrón Brown	Tapas Covers	148
420124	Juego tapas laterales marcos monobloc Lateral cover set for monoblock frames	Caramelo Caramel	Tapas Covers	148
420131	Juego tapas laterales tapées Lateral cover set for cap	Blanco White	Tapas Covers	149
420132	Juego tapas laterales tapées Lateral cover set for cap	Negro Black	Tapas Covers	149
420133	Juego tapas laterales tapées Lateral cover set for cap	Marrón Brown	Tapas Covers	149
420134	Juego tapas laterales tapées Lateral cover set for cap	Caramelo Caramel	Tapas Covers	149
420151	Juego tapas laterales goterón hoja Lateral cover set for drip cap sash	Blanco White	Tapas Covers	148
420152	Juego tapas laterales goterón hoja Lateral cover set for drip cap sash	Negro Black	Tapas Covers	148
420153	Juego tapas laterales goterón hoja Lateral cover set for drip cap sash	Marrón Brown	Tapas Covers	148
420154	Juego tapas laterales goterón hoja Lateral cover set for drip cap sash	Caramelo Caramel	Tapas Covers	148
420161	Juego tapas laterales goterón 2 hojas, dcha. Lateral cover set for drip cap 2 sash, right	Blanco White	Tapas Covers	148
420162	Juego tapas laterales goterón 2 hojas, dcha. Lateral cover set for drip cap 2 sash, right	Negro Black	Tapas Covers	148

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
420163	Juego tapas laterales goterón 2 hojas, dcha. Lateral cover set for drip cap 2 sash, right	Marrón Brown	Tapas Covers	148
420164	Juego tapas laterales goterón 2 hojas, dcha. Lateral cover set for drip cap 2 sash, right	Caramelo Caramel	Tapas Covers	148
420171	Juego tapas laterales goterón 2 hojas, izda. Lateral cover set for drip cap 2 sash, left	Blanco White	Tapas Covers	148
420172	Juego tapas laterales goterón 2 hojas, izda. Lateral cover set for drip cap 2 sash, left	Negro Black	Tapas Covers	148
420173	Juego tapas laterales goterón 2 hojas, izda. Lateral cover set for drip cap 2 sash, left	Marrón Brown	Tapas Covers	148
420174	Juego tapas laterales goterón 2 hojas, izda. Lateral cover set for drip cap 2 sash, left	Caramelo Caramel	Tapas Covers	148
420181	Juego tapas laterales umbral Lateral cover set for threshold	Blanco White	Tapas Covers	150
420182	Juego tapas laterales umbral Lateral cover set for threshold	Negro Black	Tapas Covers	150
420183	Juego tapas laterales umbral Lateral cover set for threshold	Marrón Brown	Tapas Covers	150
420184	Juego tapas laterales umbral Lateral cover set for threshold	Caramelo Caramel	Tapas Covers	150
420185	Juego tapas laterales umbral Lateral cover set for threshold	Gris Grey	Tapas Covers	150
420200	Garra fijación marcos Frame attachment lug	Sin color No colour	Varios Various	155
420201	Garra fijación umbral Threshold attachment lug	Sin color No colour	Varios Various	155
420202	Juego tapas laterales marcos-umbral Lateral cover set for frames-threshold	Negro Black	Tapas Covers	149
420205	Juego tapas laterales marcos-umbral Lateral cover set for frames-threshold	Gris Grey	Tapas Covers	149
420212	Juego tapas laterales complem. monobloc Lateral cover set for monoblock complements	Negro Black	Tapas Covers	148
420215	Juego tapas laterales complem. monobloc Lateral cover set for monoblock complements	Gris Grey	Tapas Covers	148
420222	Juego tapas laterales complem. tapées Lateral cover set for cap complements	Negro Black	Tapas Covers	148
420225	Juego tapas laterales complem. tapées Lateral cover set for cap complements	Gris Grey	Tapas Covers	148
420232	Juego tapas complemento umbral aper. ext. Cover set for threshold complement outward opening	Negro Black	Tapas Covers	146
420235	Juego tapas complemento umbral aper. ext. Cover set for threshold complement outward opening	Gris Grey	Tapas Covers	146
420242	Tapa travesaño con umbral Transom cover with threshold	Negro Black	Tapas Covers	151
420245	Tapa travesaño con umbral Transom cover with threshold	Gris Grey	Tapas Covers	151
420252	Tapa travesaño ancho con umbral Wide transom cover with threshold	Negro Black	Tapas Covers	150
420255	Tapa travesaño ancho con umbral Wide transom cover with threshold	Gris Grey	Tapas Covers	150
420272	Unión piezas de emboque entre marcos Joint cover union between frames	Negro Black	Tapas Covers	151

SISTEMA PVC A 70 ABISAGRADA
Relación de accesorios

PVC SYSTEM A 70 HINGED
Accessories list

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
420275	Unión piezas de emboque entre marcos Joint cover union between frames	Gris Grey	Tapas Covers	151
420301	Kit estanqueidad unión alargaderas 100-140 Water-tightness kit for sill joint 100-140	Blanco White	Juntas Gaskets	144
420302	Kit estanqueidad unión alargaderas 100-140 Water-tightness kit for sill joint 100-140	Negro Black	Juntas Gaskets	144
420311	Kit estanqueidad unión tapées Water-tightness kit for cap joint	Blanco White	Juntas Gaskets	145
420312	Kit estanqueidad unión tapées Water-tightness kit for cap joint	Negro Black	Juntas Gaskets	145
420315	Kit estanqueidad unión umbral tapées Water-tightness kit for cap joint	Blanco White	Juntas Gaskets	145
420316	Kit estanqueidad unión umbral tapées Water-tightness kit for cap joint	Negro Black	Juntas Gaskets	145
420321	Kit estanqueidad unión marcos Water-tightness kit for frame joint	Blanco White	Juntas Gaskets	145
420322	Kit estanqueidad unión marcos Water-tightness kit for frame joint	Negro Black	Juntas Gaskets	145
420325	Kit estanqueidad unión marco umbral Water-tightness kit for frame threshold	Blanco White	Juntas Gaskets	144
420326	Kit estanqueidad unión marco umbral Water-tightness kit for frame threshold	Negro Black	Juntas Gaskets	144
420331	Kit estanqueidad unión complemento monobloc Water-tightness kit for monoblock complement joint	Blanco White	Juntas Gaskets	144
420332	Kit estanqueidad unión complemento monobloc Water-tightness kit for monoblock complement joint	Negro Black	Juntas Gaskets	144
420335	Kit estanqueidad unión umbral monobloc Water-tightness kit for monoblock threshold	Blanco White	Juntas Gaskets	145
420336	Kit estanqueidad unión umbral monobloc Water-tightness kit for monoblock threshold	Negro Black	Juntas Gaskets	145
420341	Kit estanqueidad unión complemento travesaño Water-tightness kit for transom complement joint	Blanco White	Juntas Gaskets	144
420342	Kit estanqueidad unión complemento travesaño Water-tightness kit for transom complement joint	Negro Black	Juntas Gaskets	144
420345	Kit estanqueidad unión travesaño umbral Water-tightness kit for transom threshold	Blanco White	Juntas Gaskets	145
420346	Kit estanqueidad unión travesaño umbral Water-tightness kit for transom threshold	Negro Black	Juntas Gaskets	145
420351	Kit estanqueidad unión complemento travesaño ancho Water-tightness kit for wide transom complement joint	Blanco White	Juntas Gaskets	144
420352	Kit estanqueidad unión complemento travesaño ancho Water-tightness kit for wide transom complement joint	Negro Black	Juntas Gaskets	144
420355	Kit estanqueidad unión travesaño ancho umbral Water-tightness kit for wide transom threshold	Blanco White	Juntas Gaskets	145
420356	Kit estanqueidad unión travesaño ancho umbral Water-tightness kit for wide transom threshold	Negro Black	Juntas Gaskets	145
420361	Kit estanqueidad unión marcos Watertightness kit for frame joint	Blanco White	Juntas Gaskets	145
420362	Kit estanqueidad unión marcos Watertightness kit for frame joint	Negro Black	Juntas Gaskets	145
420365	Kit estanqueidad unión marco umbral A70 Watertightness kit for frame threshold A70	Blanco White	Juntas Gaskets	144

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
420366	Kit estanqueidad unión marco umbral A70 Watertightness kit for frame threshold A70	Negro Black	Juntas Gaskets	144
420371	Kit estanqueidad unión marcos puerta Watertightness kit for door frame joint	Blanco White	Juntas Gaskets	145
420372	Kit estanqueidad unión marcos puerta Watertightness kit for door frame joint	Negro Black	Juntas Gaskets	145
420375	Kit estanqueidad unión marco umbral A70 puerta Watertightness kit for door frame threshold A70	Blanco White	Juntas Gaskets	145
420376	Kit estanqueidad unión marco umbral A70 puerta Watertightness kit for door frame threshold A70	Negro Black	Juntas Gaskets	145
420391	Kit estanqueidad unión umbral Water-tightness kit for threshold joint	Blanco White	Juntas Gaskets	145
420392	Kit estanqueidad unión umbral Water-tightness kit for threshold joint	Negro Black	Juntas Gaskets	145
420401	Kit estanqueidad complementos Complements for water tightness kit	Blanco White	Juntas Gaskets	143
420402	Kit estanqueidad complementos Complements for water tightness kit	Negro Black	Juntas Gaskets	143
420411	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Blanco White	Juntas Gaskets	144
420412	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black	Juntas Gaskets	144
420421	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Blanco White	Juntas Gaskets	144
420422	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black	Juntas Gaskets	144
420431	Kit estanqueidad guía doble Double guide water tightness kit	Blanco White	Juntas Gaskets	143
420432	Kit estanqueidad guía doble Double guide water tightness kit	Negro Black	Juntas Gaskets	143
420441	Kit estanqueidad guía lateral Lateral guide water tightness kit	Blanco White	Juntas Gaskets	144
420442	Kit estanqueidad guía lateral Lateral guide water tightness kit	Negro Black	Juntas Gaskets	144
420451	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Blanco White	Juntas Gaskets	144
420452	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black	Juntas Gaskets	144
420461	Kit estanqueidad guía doble Water-tightness kit for double guide	Blanco White	Juntas Gaskets	143
420462	Kit estanqueidad guía doble Water-tightness kit for double guide	Negro Black	Juntas Gaskets	143
420502	Juego tapas laterales compl. umbral Lateral cover set for threshold complements	Negro Black	Tapas Covers	148
420505	Juego tapas laterales compl. umbral Lateral cover set for threshold complements	Gris Grey	Tapas Covers	148
420512	Juego tapas laterales complem. monobloc sin umbral Lateral cover set for monoblock complement without threshold	Negro Black	Tapas Covers	148
420515	Juego tapas laterales complem. monobloc sin umbral Lateral cover set for monoblock complement without threshold	Gris Grey	Tapas Covers	148
420522	Juego tapas laterales complem. tapées sin umbral Lateral cover set for caps complements without threshold	Negro Black	Tapas Covers	148

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
420525	Juego tapas laterales complem. tapées sin umbral Lateral cover set for caps complements without threshold	Gris Grey	Tapas Covers	148
420532	Juego tapas laterales marco-umbral Lateral cover set fot frame threshold	Negro Black	Tapas Covers	148
420535	Juego tapas laterales marco-umbral Lateral cover set fot frame threshold	Gris Grey	Tapas Covers	148
420542	Juego tapas laterales marcos-umbral puerta Lateral cover set fot door frame threshold	Negro Black	Tapas Covers	149
420545	Juego tapas laterales marcos-umbral puerta Lateral cover set fot door frame threshold	Gris Grey	Tapas Covers	149
420552	Juego tapas complemento umbral apert. ext. Cover set for threshold complement exterior opening	Negro Black	Tapas Covers	146
420555	Juego tapas complemento umbral apert. ext. Cover set for threshold complement exterior opening	Gris Grey	Tapas Covers	146
420582	Juego complemento emboque solape 20 mm Cover complement set for 20 mm overlap	Negro Black	Tapas Covers	146
420584	Juego complemento emboque solape 40 mm Cover complement set for 40 mm overlap	Negro Black	Tapas Covers	146
420585	Juego complemento emboque solape 20 mm Cover complement set for 20 mm overlap	Gris Grey	Tapas Covers	146
420586	Juego complemento emboque solape 65 mm Cover complement set for 65 mm overlap	Negro Black	Tapas Covers	146
420587	Juego complemento emboque solape 40 mm Cover complement set for 40 mm overlap	Gris Grey	Tapas Covers	146
420589	Juego complemento emboque solape 65 mm Cover complement set for 65 mm overlap	Gris Grey	Tapas Covers	146
420602	Juego de embellecedores pieza unión solera puerta Sill union piece trim set	Negro Black	Tapas Covers	146
420605	Juego de embellecedores pieza unión solera puerta Sill union piece trim set	Gris Grey	Tapas Covers	146
420610	Junta estanqueidad tapas laterales solera Water-tightness gasket side covers for sill	Sin color No colour	Varios Various	155
421260	Rotulador para retoque de folio - Kitami oscuro Foil retouching marker - Dark kitami	Sin color No colour	Varios Various	159
421261	Rotulador para retoque de folio - Roble toffee woodec Foil retouching marker - Toffee woodec oak	Sin color No colour	Varios Various	160
421262	Rotulador para retoque de folio - Blanco ultra mate Foil retouching marker - Ultra matt white	Sin color No colour	Varios Various	158
421263	Rotulador para retoque de folio - Cuarzo ultra mate Foil retouching marker - Ultra matt quartz	Sin color No colour	Varios Various	158
421264	Rotulador para retoque de folio - Marrón ultra mate Foil retouching marker - Ultra matt brown	Sin color No colour	Varios Various	159
421265	Rotulador para retoque de folio - Gris antracita ultra mate Foil retouching marker - Ultra matt anthracite grey	Sin color No colour	Varios Various	158
421266	Rotulador para retoque de folio - Negro ultra mate Foil retouching marker - Ultra matt black	Sin color No colour	Varios Various	159
421320	Cepillo goterón hoja puerta Wool pile for door sash drip	Negro Black	Juntas Gaskets	142
421321	Cepillo goterón hoja puerta Wool pile for door sash drip	Gris Grey	Juntas Gaskets	142
421322	Cepillo goterón hoja puerta AE Wool pile for door sash drip outward opening	Negro Black	Juntas Gaskets	142

SISTEMA PVC A 70 ABISAGRADA
Relación de accesorios

PVC SYSTEM A 70 HINGED
Accessories list

REFERENCIA REFERENCE	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR	TIPO TYPE	PÁG PAG
421323	Cepillo goterón hoja puerta AE Wool pile for door sash drip outward opening	Gris Grey	Juntas Gaskets	142
424438	Tornillo SPE3/DB-Ø4.4x38-GSS SPE3/DB-Ø4.4x38-GSS screw	Sin color No colour	Tornillería Screws	153
822995	Tornillos DIN7982 Ø2,9x9,5 DIN7982 Ø2,9x9,5 screws	Sin color No colour	Tornillería Screws	154
823525	Tornillos DIN7982 Ø3,50x25,4 DIN7982 Ø3,5x25,4 screws	Sin color No colour	Tornillería Screws	154
823909	Tornillos DIN7982 Ø3,9x9,5 DIN7982 Ø3,9x9,5 screws	Sin color No colour	Tornillería Screws	154
823919	Tornillos DIN7982 Ø3,9x19 DIN7982 Ø3,9x19 screws	Sin color No colour	Tornillería Screws	154
823925	Tornillos DIN7982 Ø3.9x25.4 DIN7982 Ø3.9x25.4 screws	Sin color No colour	Tornillería Screws	154
950022	Cepillo 7X6 Polybond Wool pile 7x6 mm Polybond	Gris Grey	Juntas Gaskets	142
950023	Cepillo 7X6 Polybond Wool pile 7x6 mm Polybond	Negro Black	Juntas Gaskets	142
950100	Cepillo 7x10 mm Fin-seal Wool pile 7x10 mm Fin-seal	Negro Black	Juntas Gaskets	142

A 70 ABISAGRADA
A 70 HINGED

4. ACCESORIOS
4. ACCESSORIES

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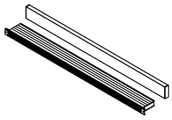
AIREADORES TRICKLE VENTS



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331370	Aireador de ventana oculto Hidden window trickle vent	Blanco White



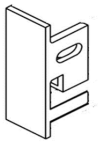
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
317952	Aireador rejilla interior Trickle vent inner slot	Negro Black
317951		Blanco White
317953		Color Colour
317954		Lacado Inox Inox powder coating
327955		Plata claro Light silver
327956		Plata oscuro Dark silver
317959		Marrón Brown



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
317962	Aireador rejilla interior con remate exterior Trickle vent inner slot with outer finishing profile	Negro Black
317961		Blanco White
317963		Color Colour
317964		Lacado Inox Inox powder coating
327965		Plata claro Light silver
327966		Plata oscuro Dark silver
317969		Marrón Brown

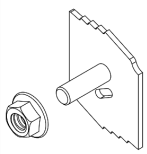


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331371	Regulador caudal aireador oculto Hidden trickle vent flow controller	Blanco White

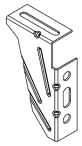


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
317972	Tapas laterales plástico Lateral plastic covers	Negro Black
317971		Blanco White
317973		Plata Silver

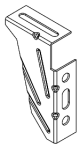
ANCLAJES FIXING



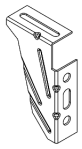
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418151	Grapa fijación de 35 mm 35 mm fixation clamp	Sin color No colour



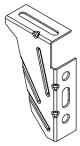
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418111	Soporte de fijación 100x110 mm 100x110 mm fixing bracket	Sin color No colour



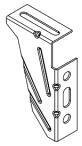
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418113	Soporte de fijación 100x130 mm 100x130 mm fixing bracket	Sin color No colour



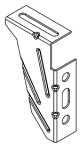
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418115	Soporte de fijación 100x150 mm 100x150 mm fixing bracket	Sin color No colour



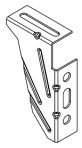
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418117	Soporte de fijación 100x170 mm 100x170 mm fixing bracket	Sin color No colour



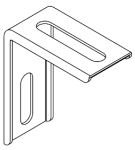
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418119	Soporte de fijación 100x190 mm 100x190 mm fixing bracket	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418107	Soporte de fijación 100x70 mm 100x70 mm fixing bracket	Sin color No colour

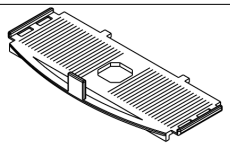


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418109	Soporte de fijación 100x90 mm 100x90 mm fixing bracket	Sin color No colour

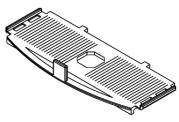


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
418106	Soporte de fijación en L 70x60 mm 70x60 mm L fixing bracket	Sin color No colour

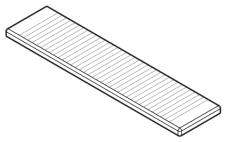
ASIENTO VIDRIO GLAZING WEDGE



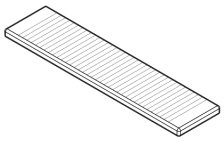
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331310	Asiento acristalar A70 A70 glazing seat	Sin color No colour



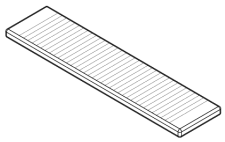
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351300	Asiento acristalar A70 hoja Sash A70 glazing seat	Sin color No colour
OBS.	Válido para hojas 13191, 13132 y 13281 Valid for sashes 13191, 13132 and 13281	



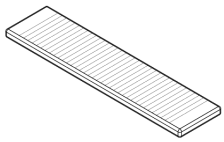
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330120	Calce para vidrio 1x20 mm 1x20 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



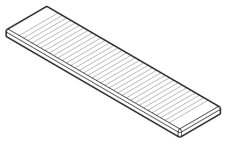
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330124	Calce para vidrio 1x24 mm 1x24 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



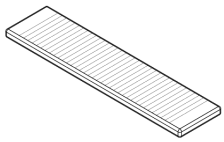
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330130	Calce para vidrio 1x30 mm 1x30 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



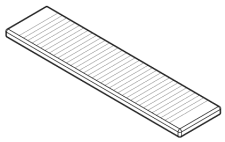
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330134	Calce para vidrio 1x34 mm 1x34 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



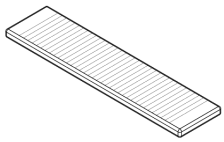
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330140	Calce para vidrio 1x40 mm 1x40 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



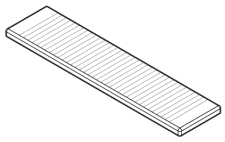
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330319	Calce para vidrio 3x20 mm 3x20 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



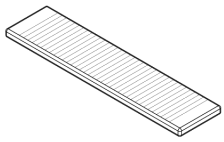
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330324	Calce para vidrio 3x24 mm 3x24 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



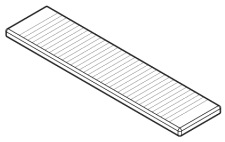
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330330	Calce para vidrio 3x30 mm 3x30 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



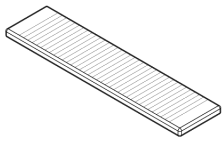
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330334	Calce para vidrio 3x34 mm 3x34 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



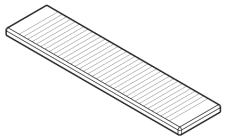
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330340	Calce para vidrio 3x40 mm 3x40 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



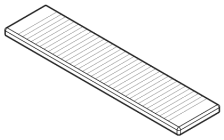
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330420	Calce para vidrio 4x20 mm 4x20 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



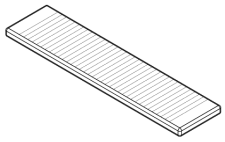
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330424	Calce para vidrio 4x24 mm 4x24 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



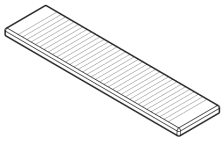
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330430	Calce para vidrio 4x30 mm 4x30 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



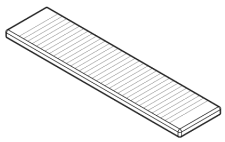
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330434	Calce para vidrio 4x34 mm 4x34 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



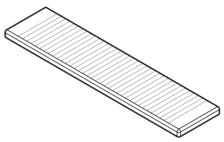
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330440	Calce para vidrio 4x40 mm 4x40 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



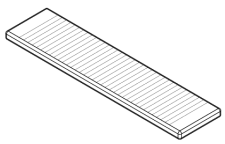
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330520	Calce para vidrio 5x20 mm 5x20 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



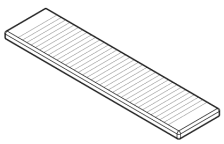
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330524	Calce para vidrio 5x24 mm 5x24 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce100 mm Wedge length 100 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330529	Calce para vidrio 5x30 mm 5x30 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	

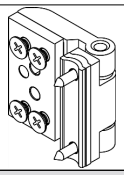


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330534	Calce para vidrio 5x34 mm 5x34 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
330540	Calce para vidrio 5x40 mm 5x40 mm glazing wedge	Sin color No colour
OBS.	Longitud de calce 100 mm Wedge length 100 mm	

BISAGRA HINGE

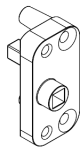


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
250311	Bisagra de contra Shutter hinge	Negro Black
250301		Blanco White
250323		Color Colour
310328		Lacado Inox Inox powder coating
310324		Plata claro Light silver
310325		Plata oscuro Dark silver
310326		7016CM 7016CM
310327		9010CM 9010CM
250327		Caramelo Caramel
250329		Marrón Brown

CERRADERO Y CERRADURA STRIKE AND LOCK

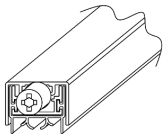


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
250411	Cierre de contra Shutter lock	Negro Black
250401		Blanco White
250423		Color Colour
310428		Lacado Inox Inox powder coating
310424		Plata claro Light silver
310425		Plata oscuro Dark silver
310426		7016CM 7016CM
310427		9010CM 9010CM
250427		Caramelo Caramel
250429		Marrón Brown

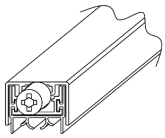


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411350	Derivador manilla 12.5 12.5 handle bypass	Sin color No colour

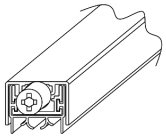
CORTAVIENTOS WIND CENTRE SEAL



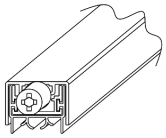
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351118	Cortavientos 170-15 (1030+ 1130 mm) 170-15 (1030 + 1130 mm) wind centre seal	Blanco White



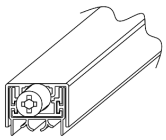
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351110	Cortavientos 170-15 (260+ 330 mm) 170-15 (260 + 330 mm) wind centre seal	Blanco White



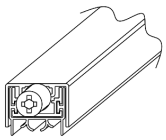
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351111	Cortavientos 170-15 (330+ 430 mm) 170-15 (330 + 430 mm) wind centre seal	Blanco White



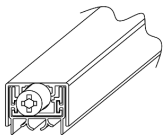
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351112	Cortavientos 170-15 (430+ 530 mm) 170-15 (430 + 530 mm) wind centre seal	Blanco White



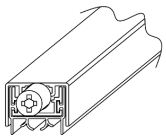
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351113	Cortavientos 170-15 (530+ 630 mm) 170-15 (530 + 630 mm) wind centre seal	Blanco White



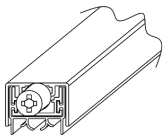
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351114	Cortavientos 170-15 (630+ 730 mm) 170-15 (630 + 730 mm) wind centre seal	Blanco White



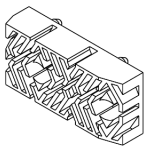
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351115	Cortavientos 170-15 (730+ 830 mm) 170-15 (730 + 830 mm) wind centre seal	Blanco White



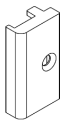
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351116	Cortavientos 170-15 (830+ 930 mm) 170-15 (830 + 930 mm) wind centre seal	Blanco White



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351117	Cortavientos 170-15 (930+ 1030 mm) 170-15 (930 + 1030 mm) wind centre seal	Blanco White

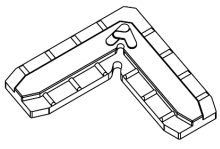


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351292	Junta cortavientos puerta Door wind centre seal gasket	Negro Black
351293		Gris Grey



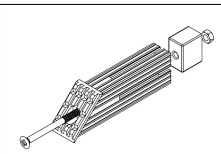
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351120	Tope activación cortavientos Wind centre seal activation stopper	Blanco White
351121		Marrón Brown

ESCUADRA ALINEAMIENTO ALIGNMENT CORNER CLEAT

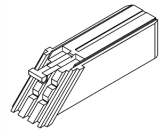


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
207004	Escuadra alineamiento Alignment corner cleat	Sin color No colour
OBS.	Para solapes o tapajuntas For overlaps or cover strips	

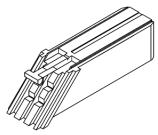
ESCUADRA PRINCIPAL MAIN CORNER CLEAT



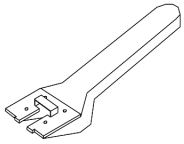
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331323	Escuadra soldable hoja de puerta Door sash welding cleat	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
401322	Esquina soldable hoja de balconera Balcony sash welding corner	Sin color No colour

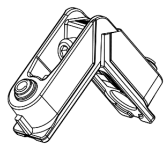


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351323	Esquina soldable hoja de puerta Door sash welding corner	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351322	Paleta colocación esquina soldable Installation trowel for welding corner	Sin color No colour

ESCUADRA PRINCIPAL/SECUNDARIA MAIN/SECONDARY CLEAT

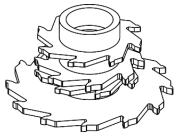


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
247230	Escuadra inyección Injection cleat	Sin color No colour

FRESA MILLING CUTTER

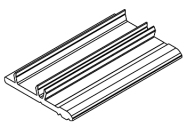


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
391200	Camisa reductora Ø30/32 Ø30/32 adapter	Sin color No colour
OBS.	Casquillo de L90 para adaptar juegos fresas (eje Ø32 mm) a máquina con eje de Ø30 mm L90 bushing to adapt the milling cutter kits (Ø32 mm axe) to a machine with Ø30 mm axe	

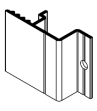


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331390	Juego fresas travesaño Transom miller cutters kit	Sin color No colour
OBS.	Retestado de travesaños Transom end trimming	

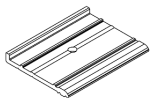
GRAPA CLIP



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361236	Grapa para solape PVC PVC overlap clip	Blanco White



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
371238	Grapa para ángulo PVC PVC angle clip	Sin color No colour
OBS.	Del perfil 1238; cortada a 30 mm "From the 1238 profile; cut at 30 mm"	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
381110	Grapa solape registro Register overlap clip	Sin color No colour

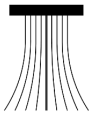
JUNTAS GASKETS



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
207003	Burlete puerta apertura interior Inward opening door brush gasket	Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
950023	Cepillo 7X6 Polybond Wool pile 7x6 mm Polybond	Negro Black
950022		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
950100	Cepillo 7x10 mm Fin-seal Wool pile 7x10 mm Fin-seal	Negro Black



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421320	Cepillo goterón hoja puerta Wool pile for door sash drip	Negro Black
421321		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421322	Cepillo goterón hoja puerta AE Wool pile for door sash drip outward opening	Negro Black
421323		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
391335	Goma drenaje oculto A 70 A70 hidden drainage gasket	Negro Black
OBS.	Incompatible con silicona estructural. Emplear selladores neutros Incompatible with structural silicone. Use only neutral sealants.	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351202	Junta Gasket	Negro Black
351201		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351222	Junta acristalar PVC PVC glazing gasket	Negro Black
351223		Caramelo Caramel
351221		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361112	Junta batiente hoja con hilo Sash jamb gasket with cord	Negro Black
361113		Caramelo Caramel
361111		Gris Grey



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361102	Junta batiente marco con hilo Frame leaf gasket with cord	Negro Black
361103		Caramelo Caramel
361101		Gris Grey
OBS.	También junta de acristalar exterior. Bobina de 200 ml. Also outer glazing gasket. 200 ml coil.	



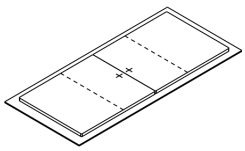
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
417228	Junta hoja de contra PVC Shutter sash PVC gasket	Sin color No colour



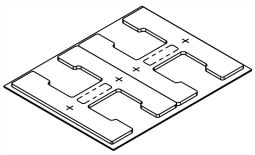
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331222	Junta tapa ranura marco Frame groove cover gasket	Negro Black
331223		Blanco White
331225		Caramelo Caramel
331224		Marrón Brown
331221		Gris Grey
OBS.	EPDM EPDM	



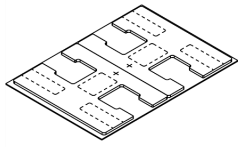
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
307600	Junta umbral puerta Door threshold gasket	Negro Black



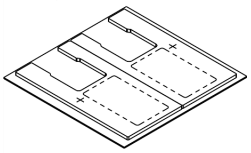
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420402	Kit estanqueidad complementos Complements for water tightness kit	Negro Black
420401		Blanco White
OBS.	Válido para perfiles 12671 y 12661 Valid for profiles 12671 and 12661	



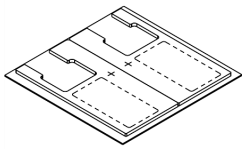
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420432	Kit estanqueidad guía doble Double guide water tightness kit	Negro Black
420431		Blanco White
OBS.	Válido para perfiles 12611 y COR-1463 Valid for profiles 12611 and COR-1463	



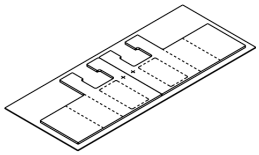
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420462	Kit estanqueidad guía doble Water-tightness kit for double guide	Negro Black
420461		Blanco White
OBS.	Válido para perfiles 10851 y 10861 Valid for profiles 10851 and 10861	



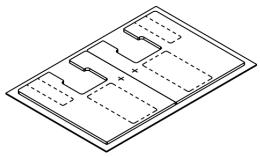
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420412	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black
420411		Blanco White
OBS.	Válido para perfil 12581 Valid for profile 12581	



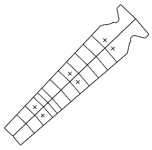
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420422	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black
420421		Blanco White
OBS.	Válido para perfil 12591 Valid for profile 12591	



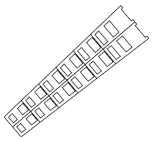
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420442	Kit estanqueidad guía lateral Lateral guide water tightness kit	Negro Black
420441		Blanco White
OBS.	Válido para perfiles 12601, 12621 y 12641 Valid for profiles 12601, 12621 and 12641	



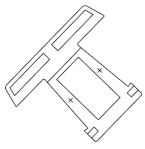
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420452	Kit estanqueidad guía lateral Water-tightness kit for lateral guide	Negro Black
420451		Blanco White
OBS.	Válido para perfiles 10831 y 10841 Valid for profiles 10831 and 10841	



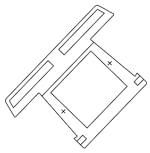
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420302	Kit estanqueidad unión alargaderas 100-140 Water-tightness kit for sill joint 100-140	Negro Black
420301		Blanco White



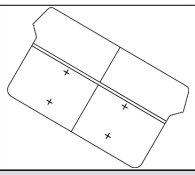
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420332	Kit estanqueidad unión complemento monobloc Water-tightness kit for monoblock complement joint	Negro Black
420331		Blanco White



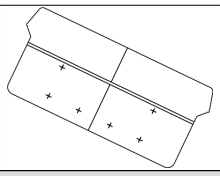
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420342	Kit estanqueidad unión complemento travesaño Water-tightness kit for transom complement joint	Negro Black
420341		Blanco White



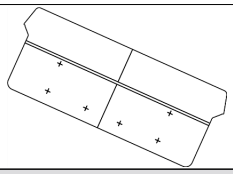
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420352	Kit estanqueidad unión complemento travesaño ancho Water-tightness kit for wide transom complement joint	Negro Black
420351		Blanco White



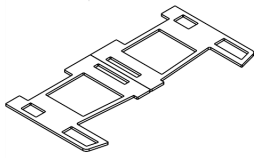
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420326	Kit estanqueidad unión marco umbral Water-tightness kit for frame threshold	Negro Black
420325		Blanco White



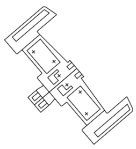
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420366	Kit estanqueidad unión marco umbral A70 Watertightness kit for frame threshold A70	Negro Black
420365		Blanco White



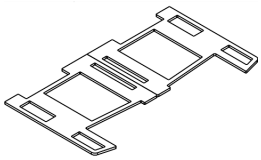
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420376	Kit estanqueidad unión marco umbral A70 puerta Watertightness kit for door frame threshold A70	Negro Black
420375		Blanco White



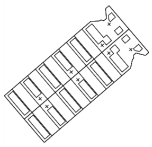
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420362	Kit estanqueidad unión marcos Watertightness kit for frame joint	Negro Black
420361		Blanco White
OBS.	Válido para marco 13301 Valid for frame 13301	



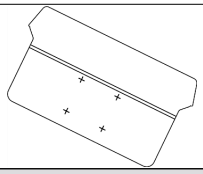
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420322	Kit estanqueidad unión marcos Water-tightness kit for frame joint	Negro Black
420321		Blanco White



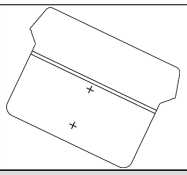
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420372	Kit estanqueidad unión marcos puerta Watertightness kit for door frame joint	Negro Black
420371		Blanco White
OBS.	Válido para marco 13331 Valid for frame 13331	



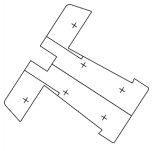
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420312	Kit estanqueidad unión tapées Water-tightness kit for cap joint	Negro Black
420311		Blanco White



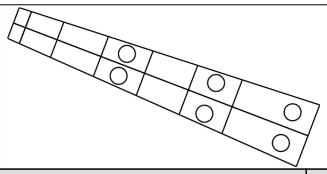
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420356	Kit estanqueidad unión travesaño ancho umbral Water-tightness kit for wide transom threshold	Negro Black
420355		Blanco White



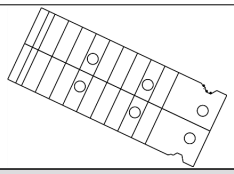
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420346	Kit estanqueidad unión travesaño umbral Water-tightness kit for transom threshold	Negro Black
420345		Blanco White



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420392	Kit estanqueidad unión umbral Water-tightness kit for threshold joint	Negro Black
420391		Blanco White

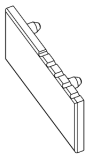


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420336	Kit estanqueidad unión umbral monobloc Water-tightness kit for monoblock threshold	Negro Black
420335		Blanco White

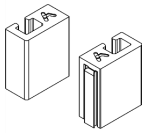


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420316	Kit estanqueidad unión umbral tapées Water-tightness kit for cap joint	Negro Black
420315		Blanco White

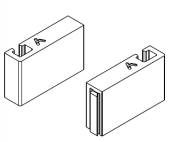
TAPAS COVERS



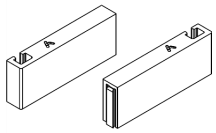
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
381295	Embellecedor pieza unión solera puerta Cill joint piece trim	Negro Black
381296		Gris Grey
OBS.	Válido para tapas 351290 y 371290 Valid for covers 351290 and 371290	



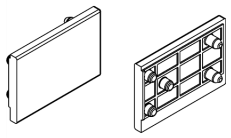
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420582	Juego complemento emboque solape 20 mm Cover complement set for 20 mm overlap	Negro Black
420585		Gris Grey



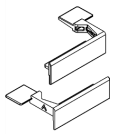
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420584	Juego complemento emboque solape 40 mm Cover complement set for 40 mm overlap	Negro Black
420587		Gris Grey



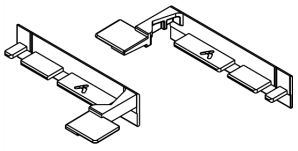
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420586	Juego complemento emboque solape 65 mm Cover complement set for 65 mm overlap	Negro Black
420589		Gris Grey



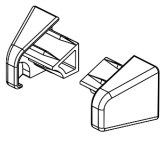
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420602	Juego de embellecedores pieza unión solera puerta Sill union piece trim set	Negro Black
420605		Gris Grey



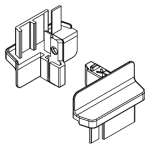
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420232	Juego tapas complemento umbral aper. ext. Cover set for threshold complement outward opening	Negro Black
420235		Gris Grey



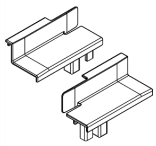
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420552	Juego tapas complemento umbral apert. ext. Cover set for threshold complement exterior opening	Negro Black
420555		Gris Grey
OBS.	Válido para encuentro con marcos 13301 y 1331 Valid for union with frames 13301 and 1331	



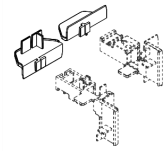
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
258206	Juego tapas goterón Drip cap end plates set	Negro Black
258216		Blanco White
250626		Color Colour
258228		Lacado Inox Inox powder coating
258224		Plata claro Light silver
258225		Plata oscuro Dark silver
258227		7016CM 7016CM
258229		9010CM 9010CM
258230		7016TD 7016TD
258231		9016CM 9016CM
258207		Caramelo Caramel
258209		Marrón Brown



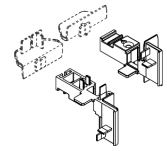
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411363	Juego tapas inversor exterior Outer inverter covers kit	Negro Black
411360		Blanco White
411362		Caramelo Caramel
411361		Marrón Brown



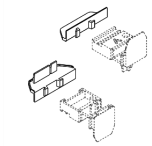
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411373	Juego tapas inversor interior Inner inverter covers kit	Negro Black
411370		Blanco White
411372		Caramelo Caramel
411371		Marrón Brown



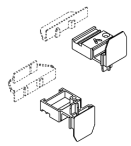
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351377	Juego tapas inversor ventana (parte exterior) Covers kit for window inverter (outer part)	Negro Black
351374		Blanco White
351376		Caramelo Caramel
351375		Marrón Brown



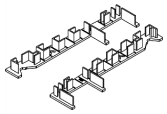
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351337	Juego tapas inversor ventana (parte interior) Covers kit for window inverter (inner part)	Negro Black
351334		Blanco White
351336		Caramelo Caramel
351335		Marrón Brown



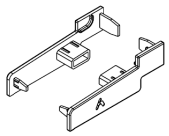
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351347	Juego tapas inversor, parte exterior Covers kit for window inverter (outer part)	Negro Black
351344		Blanco White
351346		Caramelo Caramel
351345		Marrón Brown



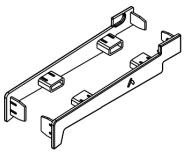
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351343	Juego tapas inversor, parte interior Covers kit for window inverter (inner part)	Negro Black
351340		Blanco White
351342		Caramelo Caramel
351341		Marrón Brown



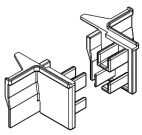
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420112	Juego tapas laterales alargaderas Lateral cover set for sill	Negro Black
420111		Blanco White
420114		Caramelo Caramel
420113		Marrón Brown



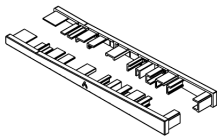
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351288	Juego tapas laterales bandeja 45 Lateral covers set for 45 tray	Negro Black
351285		Blanco White
351287		Caramelo Caramel
351286		Marrón Brown



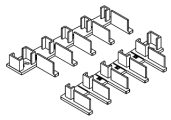
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351283	Juego tapas laterales bandeja 90 Lateral covers set for 90 tray	Negro Black
351280		Blanco White
351282		Caramelo Caramel
351281		Marrón Brown



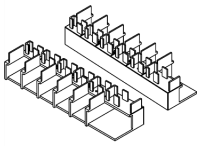
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351383	Juego tapas laterales batiente plegable Side covers kit for bi-fold jamb	Negro Black
351380		Blanco White
351382		Caramelo Caramel
351381		Marrón Brown



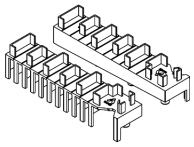
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420502	Juego tapas laterales compl. umbral Lateral cover set for threshold complements	Negro Black
420505		Gris Grey



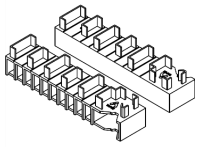
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420212	Juego tapas laterales complem. monobloc Lateral cover set for monoblock complements	Negro Black
420215		Gris Grey



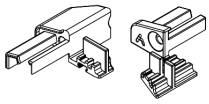
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420512	Juego tapas laterales complem. monobloc sin umbral Lateral cover set for monoblock complement without threshold	Negro Black
420515		Gris Grey



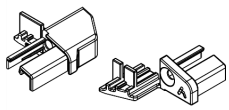
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420222	Juego tapas laterales complem. tapées Lateral cover set for cap complements	Negro Black
420225		Gris Grey



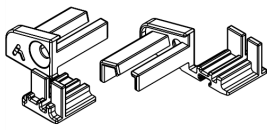
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420522	Juego tapas laterales complem. tapées sin umbral Lateral cover set for caps complements without threshold	Negro Black
420525		Gris Grey



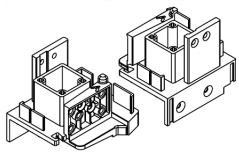
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420162	Juego tapas laterales goterón 2 hojas, dcha. Lateral cover set for drip cap 2 sash, right	Negro Black
420161		Blanco White
420164		Caramelo Caramel
420163		Marrón Brown



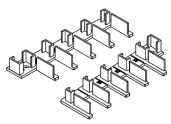
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420172	Juego tapas laterales goterón 2 hojas, izda. Lateral cover set for drip cap 2 sash, left	Negro Black
420171		Blanco White
420174		Caramelo Caramel
420173		Marrón Brown



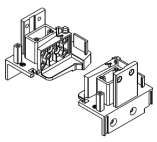
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420152	Juego tapas laterales goterón hoja Lateral cover set for drip cap sash	Negro Black
420151		Blanco White
420154		Caramelo Caramel
420153		Marrón Brown



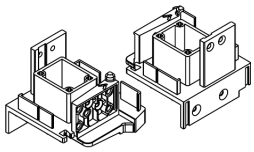
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420532	Juego tapas laterales marco-umbral Lateral cover set fot frame threshold	Negro Black
420535		Gris Grey
OBS.	Válido para marco 13301 Valid for frame 13301	



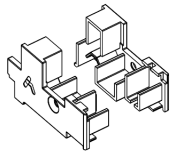
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420122	Juego tapas laterales marcos monobloc Lateral cover set for monoblock frames	Negro Black
420121		Blanco White
420124		Caramelo Caramel
420123		Marrón Brown



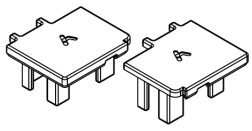
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420202	Juego tapas laterales marcos-umbral Lateral cover set for frames-threshold	Negro Black
420205		Gris Grey



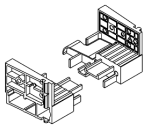
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420542	Juego tapas laterales marcos-umbral puerta Lateral cover set fot door frame threshold	Negro Black
420545		Gris Grey
OBS.	Válido para marco 13331 Valid for frame 13331	



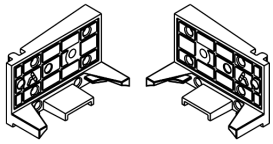
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351294	Juego tapas laterales remate hoja Lateral covers kit for sash bottom finishing profile	Negro Black
351295		Blanco White
351296		Caramelo Caramel
OBS.	Para remate hoja puerta 1315 Door sash bottom finishing profile 1315	



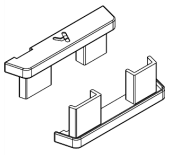
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351373	Juego tapas laterales remate inf, Lateral covers kit for bottom finishing profile	Negro Black
351370		Blanco White
351372		Caramelo Caramel
351371		Marrón Brown



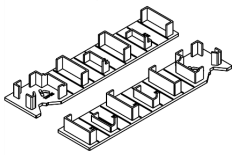
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
371290	Juego tapas laterales solera Cill side covers kit	Negro Black
371291		Gris Grey
OBS.	Para solera umbral 1366 For threshold cill 1366	



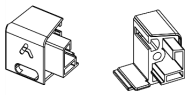
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351290	Juego tapas laterales solera reducida Lateral covers kit for reduced cill	Negro Black
351291		Gris Grey
OBS.	Para solera reducida Cor-1369 For reduced cill Cor-1369	



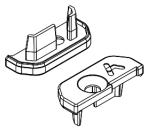
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411383	Juego tapas laterales tapeta interior Inner cap side covers kit	Negro Black
411380		Blanco White
411382		Caramelo Caramel
411381		Marrón Brown



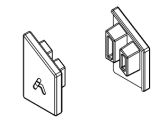
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420132	Juego tapas laterales tapées Lateral cover set for cap	Negro Black
420131		Blanco White
420134		Caramelo Caramel
420133		Marrón Brown



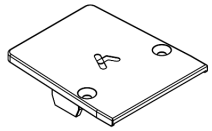
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420182	Juego tapas laterales umbral Lateral cover set for threshold	Negro Black
420181		Blanco White
420184		Caramelo Caramel
420183		Marrón Brown
420185		Gris Grey



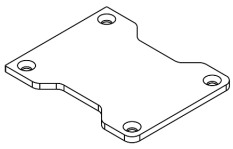
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351357	Juego tapas perfil batiente interior Covers kit for inner jamb profile	Negro Black
351354		Blanco White
351356		Caramelo Caramel
351355		Marrón Brown



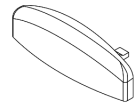
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361243	Juego tapas vierteaguas Drip cap covers kit	Negro Black
361240		Blanco White
361242		Caramelo Caramel
361241		Marrón Brown
OBS.	Para goterón 12151 For drip cap 12151	



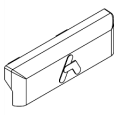
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351243	Tapa lateral cobertor refuerzos Side cover of reinforcement covering strips	Negro Black
351240		Blanco White
351242		Caramelo Caramel
351241		Marrón Brown



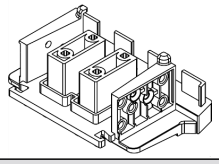
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
364752	Tapa refuerzo COR-4750 Reinforcement cover COR-4750	Negro Black
364751		Blanco White
364753		Color Colour
364756		Lacado Inox Inox powder coating
364754		Plata claro Light silver
364755		Plata oscuro Dark silver
364757		7016TD 7016TD
364758		9016CM 9016CM



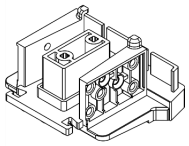
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
350100	Tapa salida de aguas Water outlet cover	Negro Black
350101		Blanco White
350103		Caramelo Caramel
350102		Marrón Brown



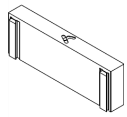
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420102	Tapa salida de aguas lateral PVC PVC side drain cover	Negro Black
420101		Blanco White
420104		Caramelo Caramel
420103		Marrón Brown



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420252	Tapa travesaño ancho con umbral Wide transom cover with threshold	Negro Black
420255		Gris Grey

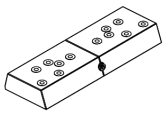


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420242	Tapa travesaño con umbral Transom cover with threshold	Negro Black
420245		Gris Grey

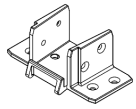


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420272	Unión piezas de emboque entre marcos Joint cover union between frames	Negro Black
420275		Gris Grey

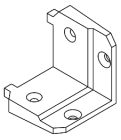
TOPE TRAVESAÑO INTERIOR/EXTERIOR INTERNAL/EXTERNAL TRANSOM STOPPER



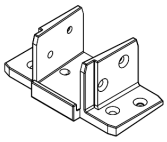
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351358	Plantilla topes travesaños PVC PVC transoms stopper template	Sin color No colour



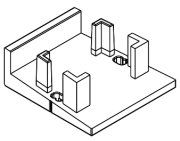
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361251	Tope metálico divisor hoja Sash divider metal stopper	Sin color No colour
OBS.	Para divisor ref.:13501 For divider ref.: 13501	



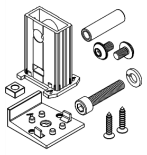
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351350	Tope metálico en ángulo unión travesaños Angled metal stopper for transoms union	Sin color No colour
OBS.	Tope en ángulo. Unión travesaño sin canal Angled stopper. Transom joint without groove	



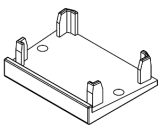
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411342	Tope metálico travesaño Transom metal stopper	Negro Black
411341		Blanco White
341350		Sin color No colour



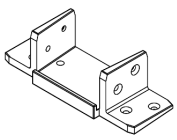
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331352	Tope oculto travesaño Transom hidden stopper	Negro Black
331353		Blanco White
331354		Caramelo Caramel



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
391364	Tope oculto travesaño A70 A70 transom hidden stopper	Negro Black
391361		Blanco White
391363		Caramelo Caramel
391362		Marrón Brown



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361352	Tope oculto travesaño ancho Wide transom hidden stopper	Negro Black
361353		Blanco White
361258		Caramelo Caramel



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411346	Tope travesaño ancho - metálico Wide - metal transom stopper	Negro Black
411345		Blanco White
361350		Sin color No colour

TORNILLERÍA SCREWS



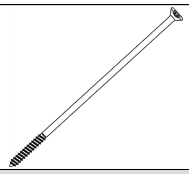
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341143	Tornillo DIN7982-4.8X38 DIN7982-4.8X38 screw	Sin color No colour
OBS.	Fijación herraje y cierra-puertas. Hardware and door closers fixation	



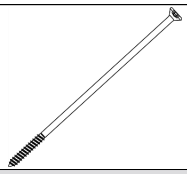
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341146	Tornillo DIN7982-4.8X60 DIN7982-4.8X60 screw	Sin color No colour
OBS.	Fijación travesaños fijos y cierra-puertas Fixed transoms and door closers fixation	



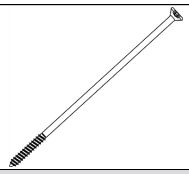
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341142	Tornillo DIN7982-4.8x32 DIN7982-4.8x32 screw	Sin color No colour
OBS.	Fijación acoples laterales, marco fijos y cierra-puertas. Fixation for side couplings, fixed frame and door closers	



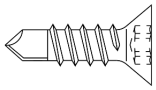
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341131	Tornillo SFSSP1-4,8x65C SFSSP1-4,8x65C screw	Sin color No colour
OBS.	Unión de perfiles Profiles joint	



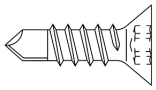
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341133	Tornillo SFSSP1-4,8x80C SFSSP1-4,8x80C screw	Sin color No colour
OBS.	Unión de perfiles Profiles joint	



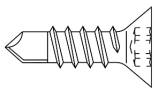
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341134	Tornillo SFSSP1-4,8x95C SFSSP1-4,8x95C screws	Sin color No colour
OBS.	Unión de perfiles Profiles joint	



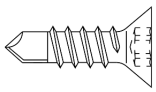
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341114	Tornillo SFSSP3-3.9x22C SFSSP3-3.9x22C screw	Sin color No colour
OBS.	Fijación de refuerzos marcos laterales Reinforcements fixation for lateral frames	



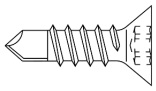
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341113	Tornillo SFSSP3-3.9x25C SFSSP3-3.9x25C screw	Sin color No colour
OBS.	Fijación de topes metálicos (travesaño 13521) Metal stoppers fixation (transom 13521)	



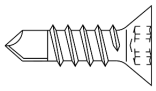
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341115	Tornillo SFSSP3-3.9x32C SFSSP3-3.9x32C screw	Sin color No colour
OBS.	Fijación herraje (bisagras en marco) y cortavientos Hardware attachment (hinges on frame) and wind centre seal	



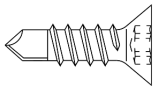
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341117	Tornillo SFSSP3-3.9x45C SFSSP3-3.9x45C screw	Sin color No colour
OBS.	Fijación topes metálicos (ancho) y engatillado tipo WK2 Metal stoppers fixation (wide) and type WK2 crimp	



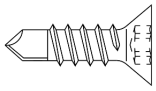
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341118	Tornillo SFSSP3-3.9x50C SFSSP3-3.9x50C screw	Sin color No colour
OBS.	Fijación de refuerzos de acero y otros Steel and other reinforcements fixation	



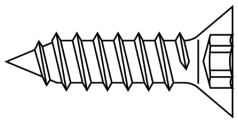
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341110	Tornillo SFSSP3RW-3.9x13C SFSSP3RW-3.9x13C screw	Sin color No colour
OBS.	Fijación de refuerzos de acero y otros Steel and other reinforcements fixation	



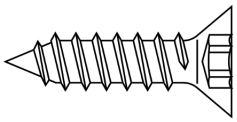
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341111	Tornillo SFSSP3RW-3.9x16C SFSSP3RW-3.9x16C screw	Sin color No colour
OBS.	Fijación de refuerzos de acero Steel reinforcements fixation	



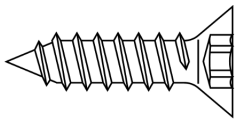
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341112	Tornillo SFSSP3RW-3.9x19C SFSSP3RW-3.9x19C screw	Sin color No colour
OBS.	Fijación de refuerzos de acero Steel reinforcements fixation	



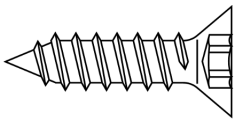
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341123	Tornillo SFSSPT-4,3x25C SFSSPT-4,3x25C screw	Sin color No colour



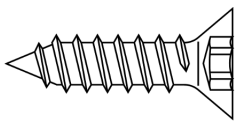
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341124	Tornillo SFSSPT-4,3x30C SFSSPT-4,3x30C screw	Sin color No colour



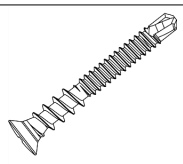
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341127	Tornillo SFSSPT-4,3x45C SFSSPT-4,3x45C screw	Sin color No colour



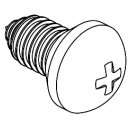
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341121	Tornillo SFSSPT-4.3x16C SFSSPT-4.3x16C screw	Sin color No colour



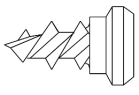
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341128	Tornillo SFSSPT-4.3x55C SFSSPT-4.3x55C screw	Sin color No colour



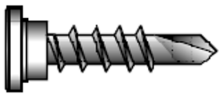
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
424438	Tornillo SPE3/DB-Ø4.4x38-GSS SPE3/DB-Ø4.4x38-GSS screw	Sin color No colour



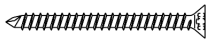
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
238297	Tornillo fijación goterón Drip cap fixation screw	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331250	Tornillo fijación vierteaguas PVC PVC drip cap attachment screw	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331256	Tornillo para correa transporte Carrying strap screw	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341120	Tornillo Ø4.2x80 Ø4.2x80 screw	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
822995	Tornillos DIN7982 Ø2,9x9,5 DIN7982 Ø2,9x9,5 screws	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
823525	Tornillos DIN7982 Ø3,50x25,4 DIN7982 Ø3,5x25,4 screws	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
823919	Tornillos DIN7982 Ø3,9x19 DIN7982 Ø3,9x19 screws	Sin color No colour

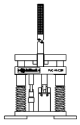


REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
823909	Tornillos DIN7982 Ø3,9x9,5 DIN7982 Ø3,9x9,5 screws	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
823925	Tornillos DIN7982 Ø3.9x25.4 DIN7982 Ø3.9x25.4 screws	Sin color No colour

TROQUEL PUNCHING MACHINE



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351299	Troquel manual series PVC PVC series manual punch tool	Sin color No colour

VARIOS VARIOUS



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341269	Adhesivo especial gomas, TRANSPARENTE Rubber special adhesive, TRANSPARENT	Sin color No colour
OBS.	Base de cianocrilato Cyanoacrylate based	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341154	Capuchón tornillo fijación Ø4,8 Ø4,8 fixation screw cap	Negro Black
341151		Blanco White
341152		Marrón Brown
OBS.	Válido para tornillos 341131-33-34 Valid for 341131-33-34 screws	



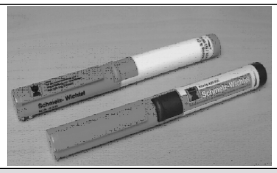
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351260	Cera dura reparaciones - Blanco Repairing hard wax - White	Sin color No colour



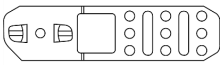
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
331255	Correa transporte Carrying strap	Sin color No colour



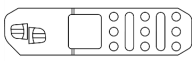
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
361295	Cuchillo repaso limpieza perfiles Knife for profile cleaning check	Sin color No colour



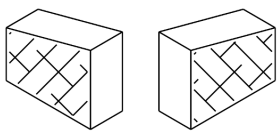
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351250	Fundidor a gas Gas powered soldering iron	Sin color No colour



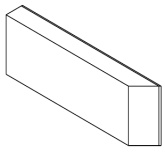
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420200	Garra fijación marcos Frame attachment lug	Sin color No colour



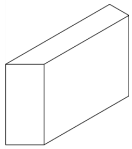
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420201	Garra fijación umbral Threshold attachment lug	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351385	Juego espuma aislante batiente ext. Outer jamb isolating foam kit	Negro Black



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
401200	Junta estanqueidad tapas laterales solera Watertightness gasket side covers for cill	Sin color No colour
OBS.	Válido con tapas 381295 y 381695 Valid with 381295 and 381695 covers	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
420610	Junta estanqueidad tapas laterales solera Water-tightness gasket side covers for sill	Sin color No colour
OBS.	Válido con tapas 420602 Valid with 420602 covers	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341276	Kit mantenimiento PVC BLANCO - Aluminio ANODIZADO Maintenance kit PVC WHITE - ANODISED Aluminium	Sin color No colour



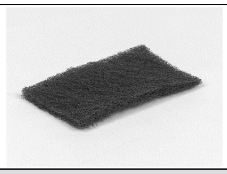
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341277	Kit mantenimiento PVC COLOR - Aluminio LACADO Maintenance kit PVC COLOUR - POWDER COATING Aluminium	Sin color No colour



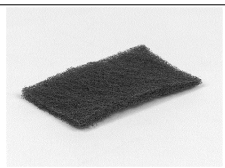
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351277	Laca de acabado satinado grado 35-40 Glossy finishing lacquer (35-40 degree)	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351276	Laca de acabado semi-mate (grado 19-21) Semi-matte finishing lacquer (19-21 degree)	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351268	Lana abrasiva basta Coarse abrasive wool	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
351269	Lana abrasiva fina Fine abrasive wool	Sin color No colour



SOLO PERFILES EN BLANCO.
NOTA IMPORTANTE:
SEGUIR INSTRUCCIONES DE APLICACIÓN DE PRODUCTO.

REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
391275	Limpiador 10 PVC blanco, 1L White 10 PVC cleaner, 1L	Sin color No colour
OBS.	IMPORTANTE: Seguir instrucciones de aplicación de producto IMPORTANT: Follow the product´s application instructions	



SOLO PERFILES EN BLANCO Y COLOR
NOTA IMPORTANTE:
SEGUIR INSTRUCCIONES DE APLICACIÓN DE PRODUCTO.

REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341274	Limpiador 20 PVC blanco y color, 1L White and colour PVC 20 cleaner, 1L.	Sin color No colour
OBS.	IMPORTANTE: Seguir instrucciones de aplicación de producto IMPORTANT: Follow the product´s application instructions	



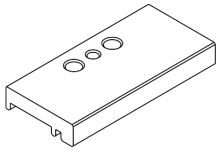
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
371270	Pegamento para PVC (20gr) PVC glue (20 gr)	Sin color No colour
OBS.	Pegado taco inversor, tope oculto y diferentes materiales plásticos Glued inverter cover, hidden stopper and different plastic materials	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341272	Pegamento perfil PVC, blanco Glue for PVC profile - White	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341273	Pegamento perfil PVC, transparante Glue for PVC profile, transparent	Sin color No colour



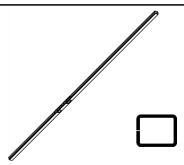
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
391358	Plantilla taladros tope oculto travesaño Drill template for transom hidden stopper	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341270	Protector anticorrosión herraje Anti-corrosion guard hardware	Sin color No colour
OBS.	Bote de 0,5 l 0,5 l can	



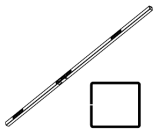
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341280	Punta de recambio rotulador retoque Retouching marker spare tip	Sin color No colour



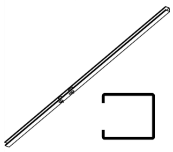
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
381394	Refuerzo fresado hoja balconera AE Milled reinforcement for outwards opening balcony	Sin color No colour
OBS.	Perfil de acero ref.: 1394 con fresados para cierre cremona con o sin cerradura (entrada= 35 mm). L=2350 mm) Steel profile ref.: 1394 with millings for cremone closing with or without a lock (entrance= 35 mm). L=2350 mm	



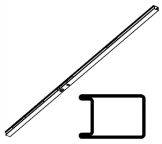
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
381393	Refuerzo fresado hoja balconera AI Milled reinforcement for inwards opening balcony	Sin color No colour
OBS.	Perfil de acero ref.: 1393 con fresados para cierre cremona con o sin cerradura (entrada= 35 mm). L=2350 mm Steel profile ref.: 1393 with millings for cremone closing with or without a lock (entrance= 35 mm). L=2350 mm	



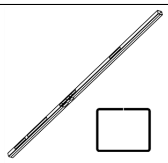
REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
401378	Refuerzo fresado hoja de balconera Balcony sash milled reinforcement	Sin color No colour
OBS.	Perfil de acero ref.:1378 con fresados para acoger las cerraduras. L= 2350 mm Steel profile ref.: 1378 with millings for the use of the locks. L= 2350 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411379	Refuerzo fresado hoja de balconera Balcony sash milled reinforcement	Sin color No colour
OBS.	Perfil de acero ref.: 1379 con fresados para cierre cremona con o sin cerradura (entrada= 35 mm). L=2350 mm Steel profile ref.: 1379 with millings for cremone closing with or without a lock (entrance= 35 mm). L=2350 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
411399	Refuerzo fresado hoja de puerta Door sash milled reinforcement	Sin color No colour
OBS.	Perfil de acero ref.:1399 con fresados para acoger las cerraduras. L= 2350 mm Steel profile ref.: 1399 with millings for the use of the locks. L=2350 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
381382	Refuerzo fresado hoja puerta Door sash milled reinforcement	Sin color No colour
OBS.	Perfil de acero ref.: 1382 con fresados para acoger cualquier cerradura, incluso motorizada. L=2350 mm Steel profile ref.: 1382 with millings for the use of any lock, even a motorised one. L=2350 mm	



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341253	Rotulador para retoque de folio - Pino veteado Foil retouching marker - Veined pine wood	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341254	Rotulador para retoque de folio - Roble newcastle Foil retouching marker - Newcastle oak	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341299	Rotulador para retoque de folio - Abeto Foil retouching marker - Fir	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341293	Rotulador para retoque de folio - Antracita metalizado Foil retouching marker - Metallic anthracite	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341256	Rotulador para retoque de folio - Azul acero Foil retouching marker - Steel blue	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341257	Rotulador para retoque de folio - Azul brillante Foil retouching marker - Bright blue	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341290	Rotulador para retoque de folio - Blanco Foil retouching marker - White	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341291	Rotulador para retoque de folio - Blanco crema Foil retouching marker - Cream white	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421262	Rotulador para retoque de folio - Blanco ultra mate Foil retouching marker - Ultra matt white	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341292	Rotulador para retoque de folio - Bronce Foil retouching marker - Bronze	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341288	Rotulador para retoque de folio - Caoba Foil retouching marker - Mahogany	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421263	Rotulador para retoque de folio - Cuarzo ultra mate Foil retouching marker - Ultra matt quartz	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421265	Rotulador para retoque de folio - Gris antracita ultra mate Foil retouching marker - Ultra matt anthracite grey	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341283	Rotulador para retoque de folio - Gris antracita/Liso Foil retouching marker - Anthracite grey/plain	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341258	Rotulador para retoque de folio - Gris claro Foil retouching marker - Light grey	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341249	Rotulador para retoque de folio - Gris mate Foil retouching marker - Matte grey	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341284	Rotulador para retoque de folio - Gris plata Foil retouching marker - Silver	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341259	Rotulador para retoque de folio - Gris ágata Foil retouching marker - Agate grey	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421260	Rotulador para retoque de folio - Kitami oscuro Foil retouching marker - Dark kitami	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341260	Rotulador para retoque de folio - Marrón claro Foil retouching marker - Light brown	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341248	Rotulador para retoque de folio - Marrón mate Foil retouching marker - Matte brown	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341252	Rotulador para retoque de folio - Marrón oscuro/chocolate Foil retouching marker - Dark/chocolate brown	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421264	Rotulador para retoque de folio - Marrón ultra mate Foil retouching marker - Ultra matt brown	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341250	Rotulador para retoque de folio - Negro mate Foil retouching marker - Matte black	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
421266	Rotulador para retoque de folio - Negro ultra mate Foil retouching marker - Ultra matt black	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341282	Rotulador para retoque de folio - Nogal Foil retouching marker - Walnut	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341294	Rotulador para retoque de folio - Ocre metalizado Foil retouching marker - Metallic ochre	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
341279	Rotulador para retoque de folio - Oro Foil retouching marker - Gold	Sin color No colour	341289	Rotulador para retoque de folio - Plata aluminio Foil retouching marker - Aluminium silver	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
341295	Rotulador para retoque de folio - Roble claro Foil retouching marker - Light oak	Sin color No colour	341281	Rotulador para retoque de folio - Roble dorado Foil retouching marker - Golden oak	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
351249	Rotulador para retoque de folio - Roble malta woodec Foil retouching marker - Malt woodec oak	Sin color No colour	341297	Rotulador para retoque de folio - Roble oscuro Foil retouching marker - Dark oak	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
341296	Rotulador para retoque de folio - Roble rústico Foil retouching marker - Rustic oak	Sin color No colour	421261	Rotulador para retoque de folio - Roble toffee woodec Foil retouching marker - Toffee woodec oak	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
341287	Rotulador para retoque de folio - Rojo vino Foil retouching marker - Wine red	Sin color No colour	341285	Rotulador para retoque de folio - Sapelli Foil retouching marker - Sapelly	Sin color No colour

					
REF.	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**	**REF.**	**DESCRIPCIÓN DESCRIPTION**	**COLOR COLOUR**
351247	Rotulador para retoque de folio - Sheffield claro Foil retouching marker - Light Sheffield	Sin color No colour	351248	Rotulador para retoque de folio - Sheffield oscuro Foil retouching marker - Dark Sheffield	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341278	Rotulador para retoque de folio - Verde mate Foil retouching marker - Matte green	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341255	Rotulador para retoque de folio - Verde musgo Foil retouching marker - Moss green	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341286	Rotulador para retoque de folio - Verde pino Foil retouching marker - Pine green	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
341298	Rotulador para retoque de folio - Walnuss-nogal Foil retouching marker - Walnuss-walnut	Sin color No colour



REF.	DESCRIPCIÓN DESCRIPTION	COLOR COLOUR
384972	Tapón ∅ 10 mm Stopper ∅ 10 mm	Negro Black
384971		Blanco White
384973		Marrón Brown

A 70 ABISAGRADA
A 70 HINGED

5. NUDOS CONSTRUCTIVOS
5. CONSTRUCTIVE SECTIONS

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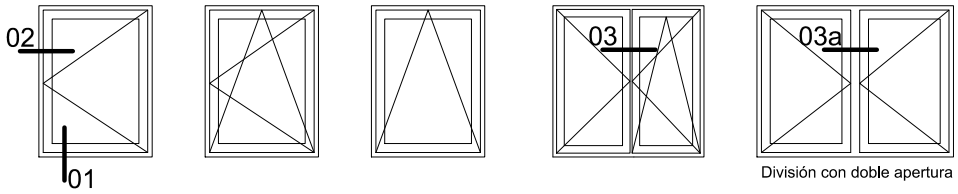
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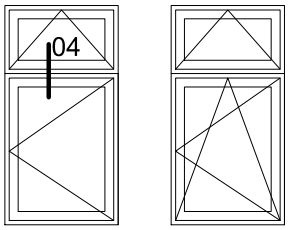
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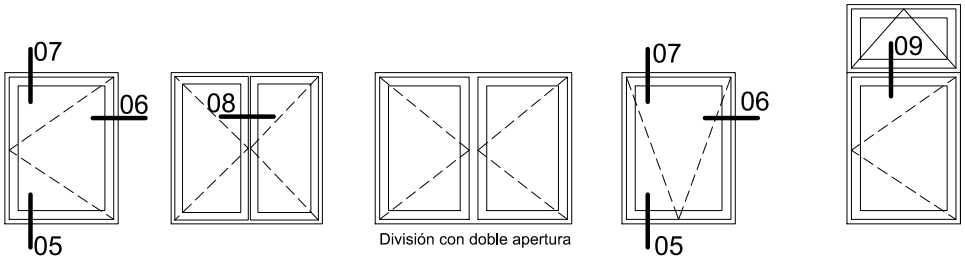
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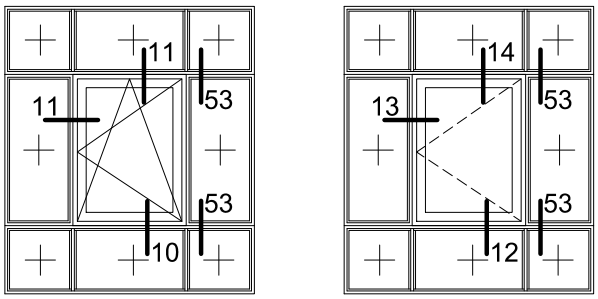
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INWARD / OUTWARD OPENING - WINDOW

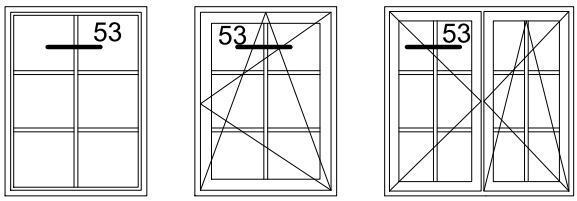




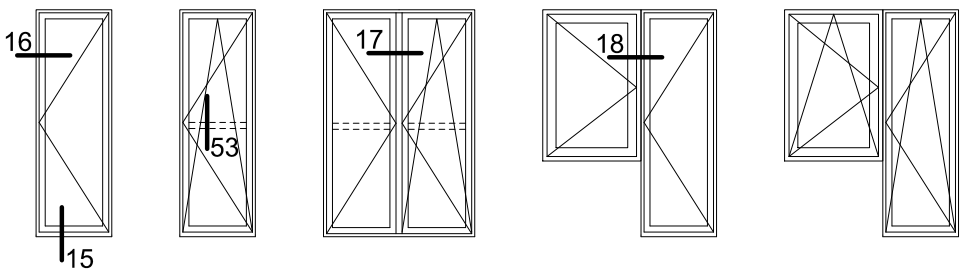




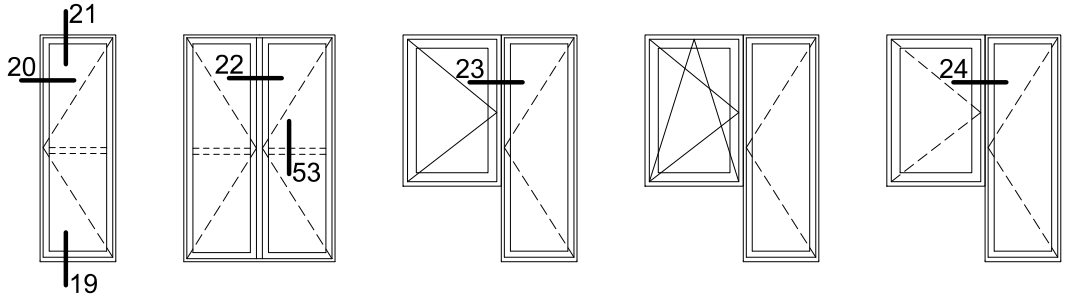
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DIVISION WITH DOBLE OPENING

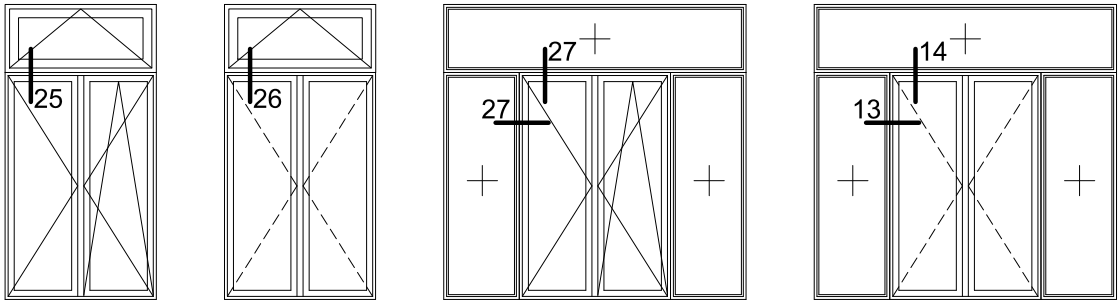


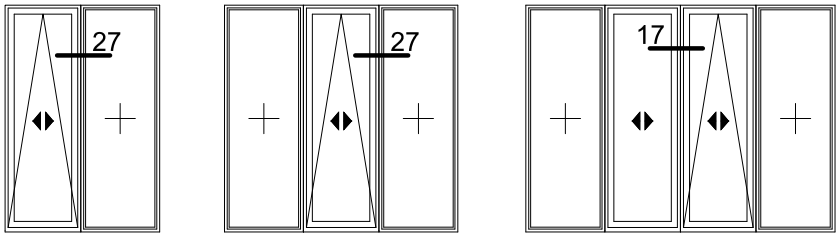
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INWARD / OUTWARD OPENING - BALCONY



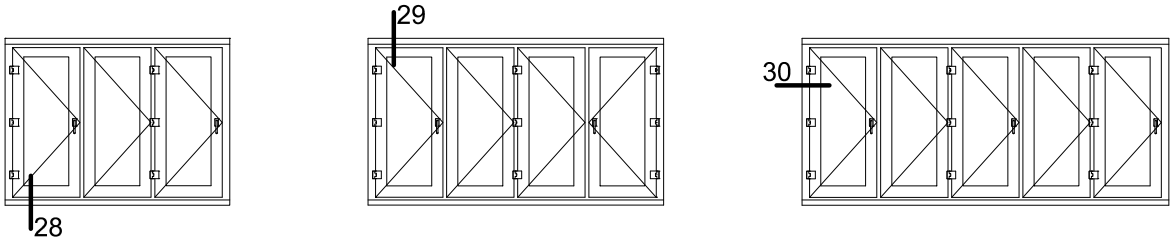
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INWARD / OUTWARD OPENING - BALCONY

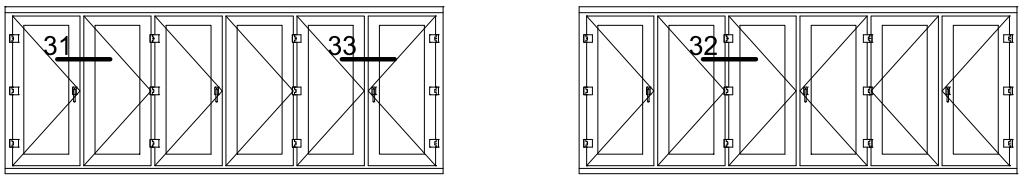




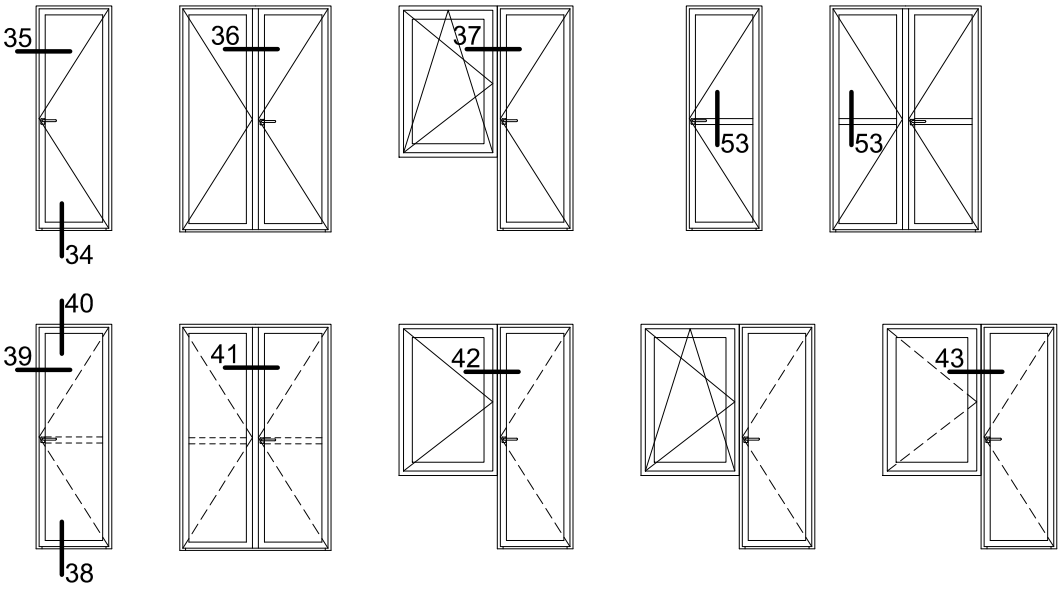


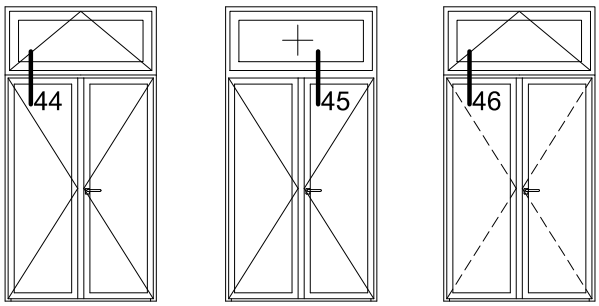
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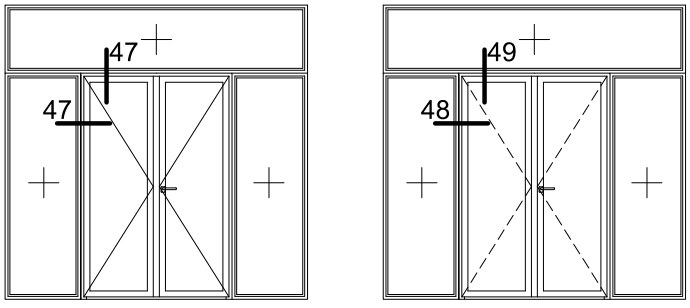




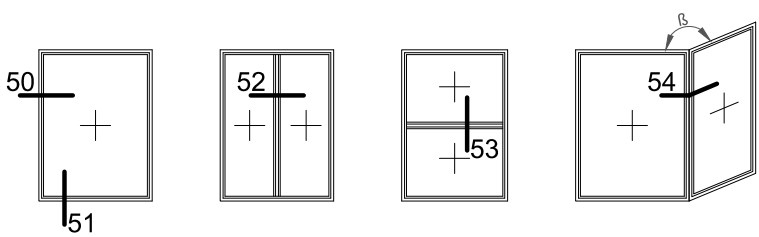
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INWARD / OUTWARD OPENING - DOOR



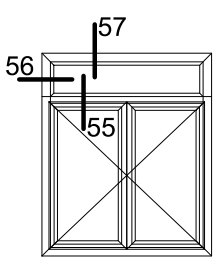




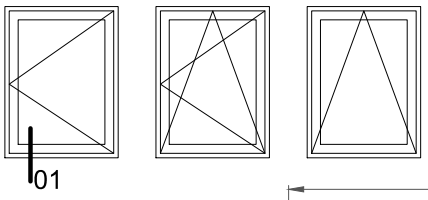
FIJO / FIXED

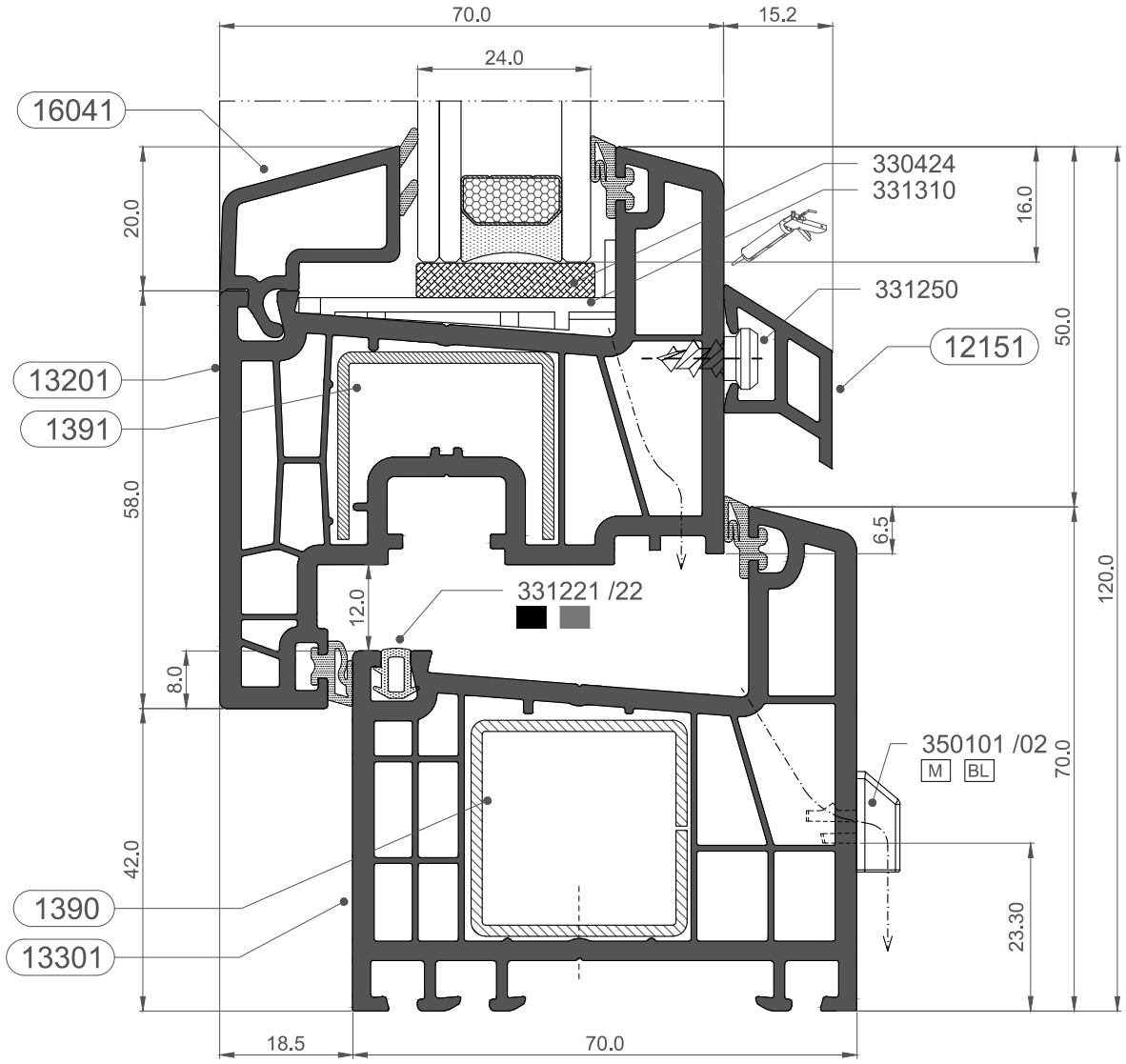


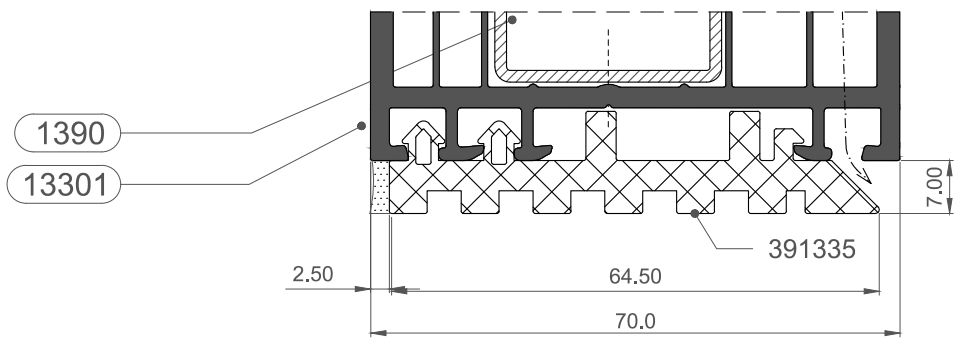
REGISTRO CAJÓN DE OBRA / SHUTTER BOX



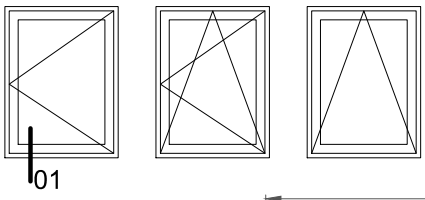
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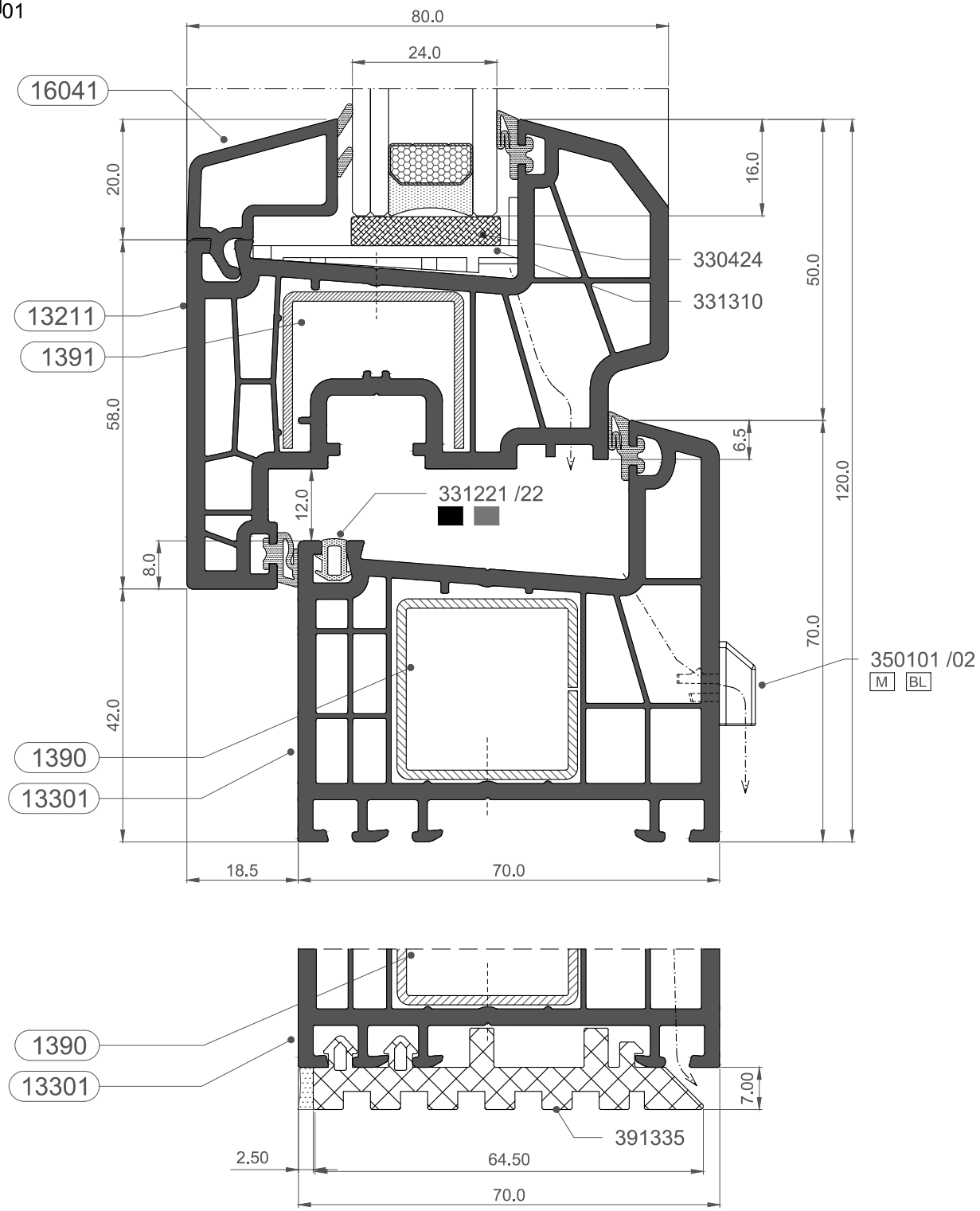

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12151
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1391
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350101 /02
M
BL
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13301
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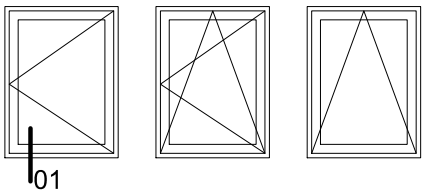

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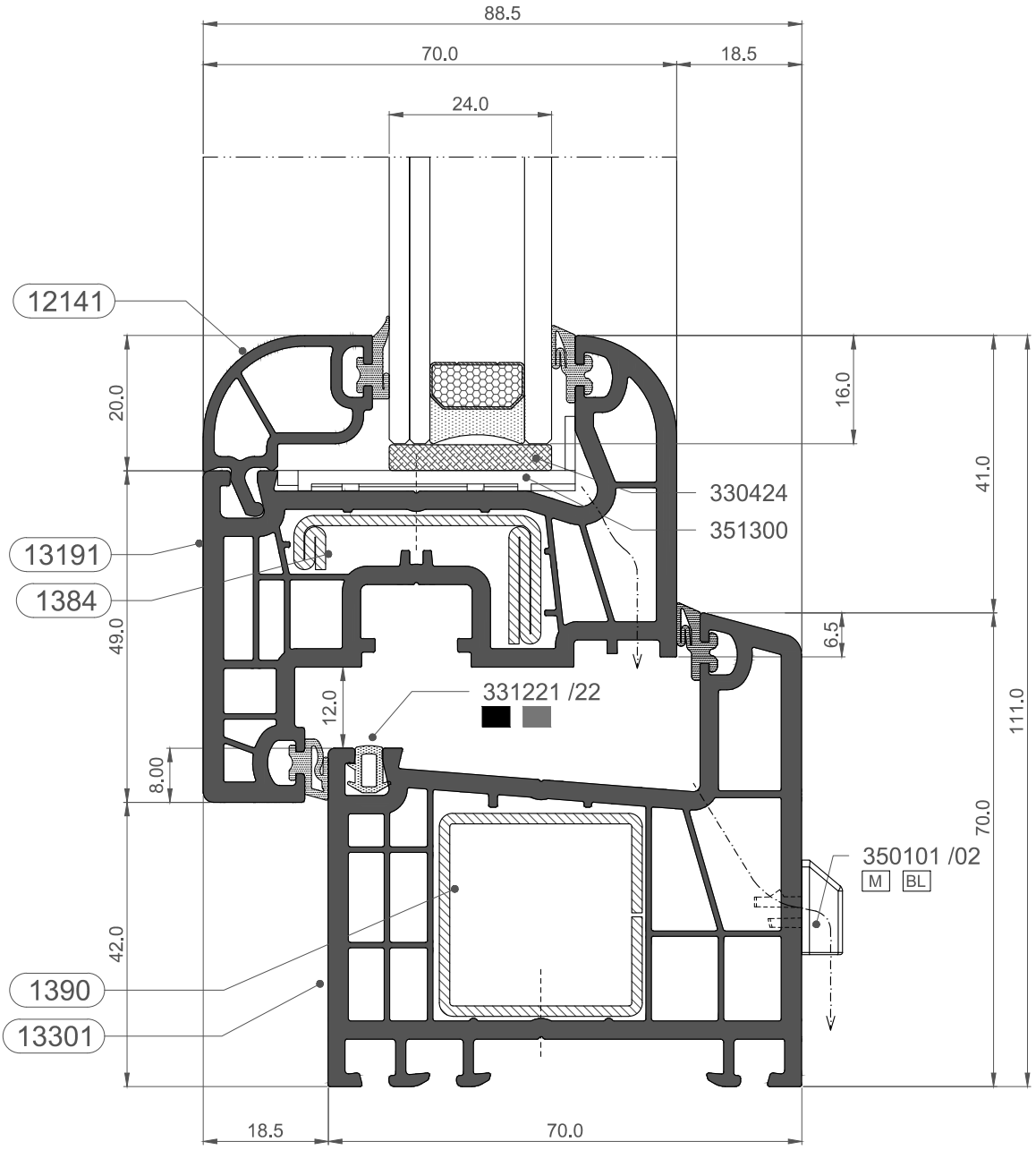
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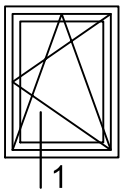

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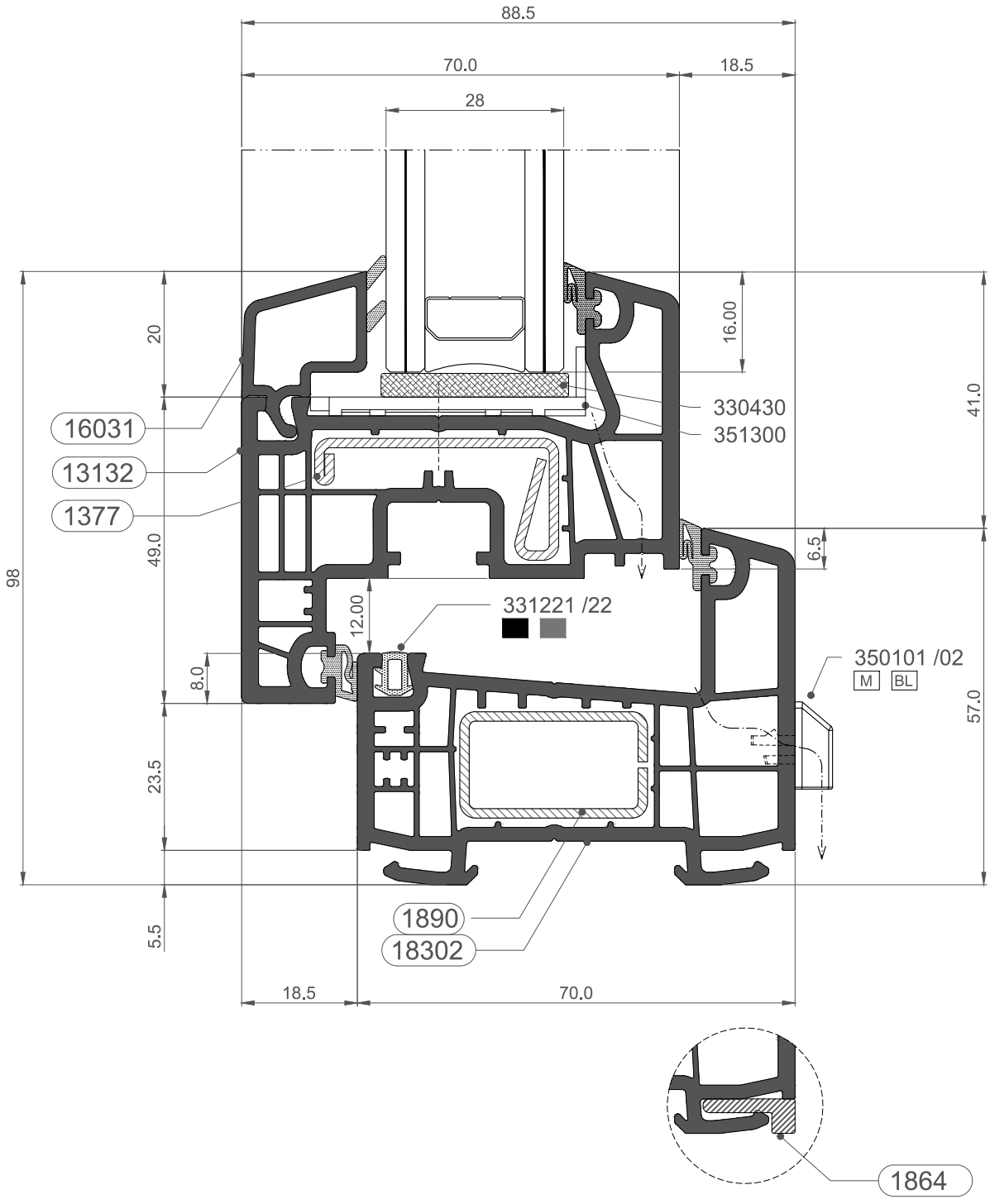
1:1 Versión **Balconera** / Balcony version



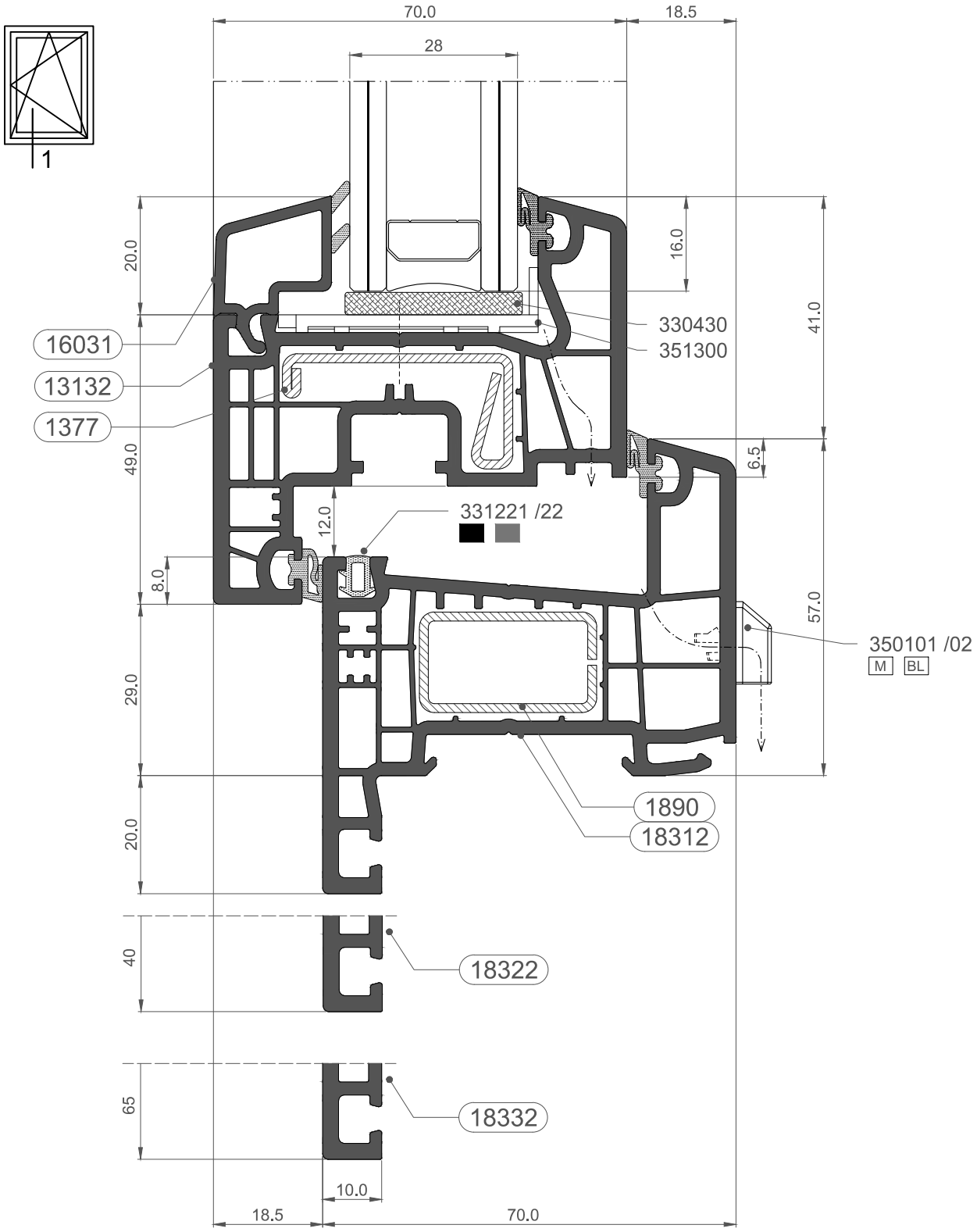


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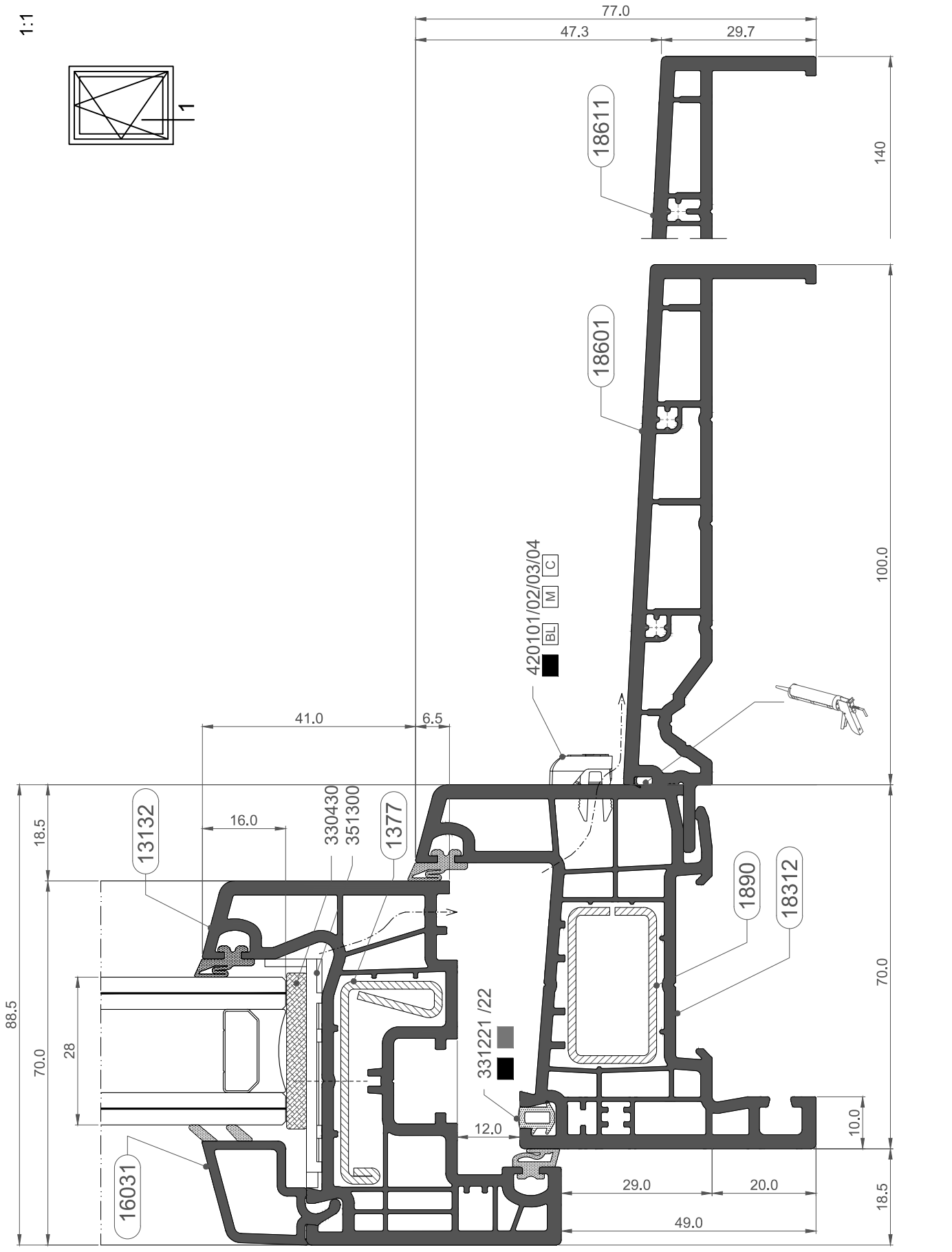

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331221 /22
350101 /02
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1:1


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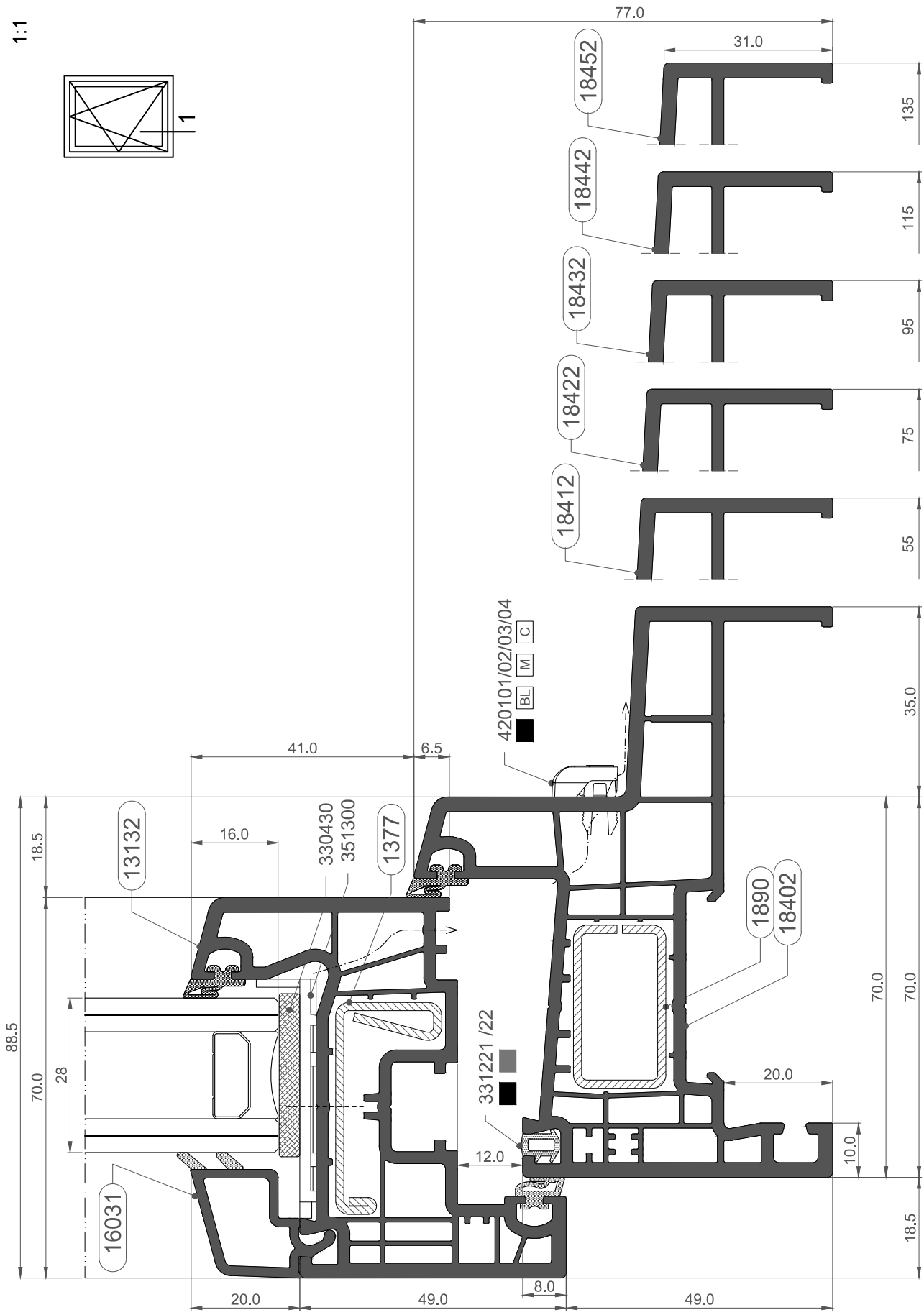
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Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

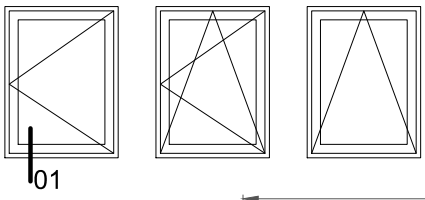


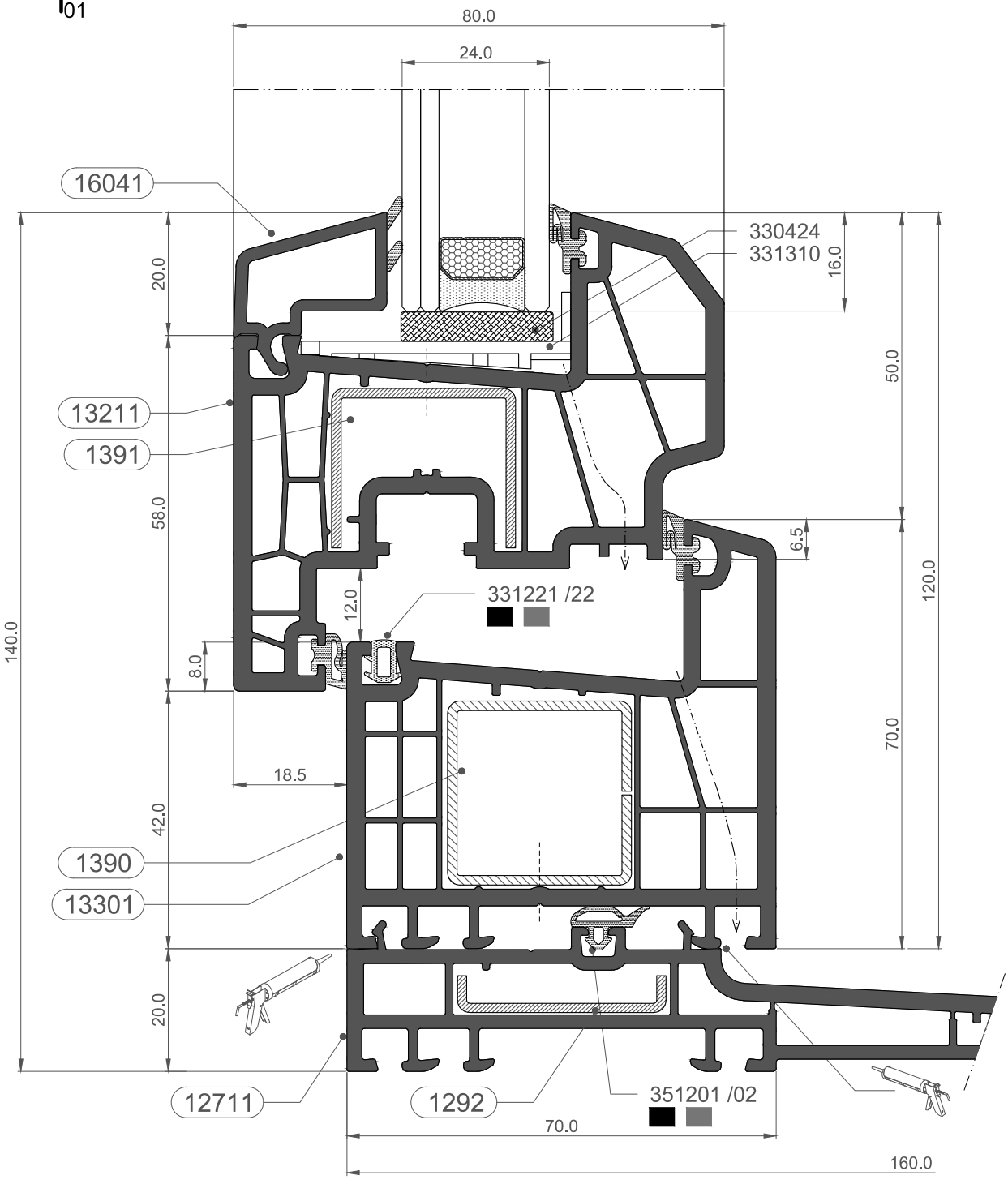
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

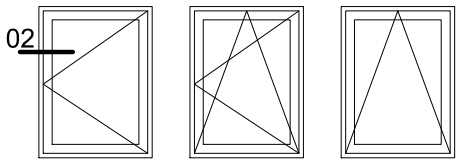


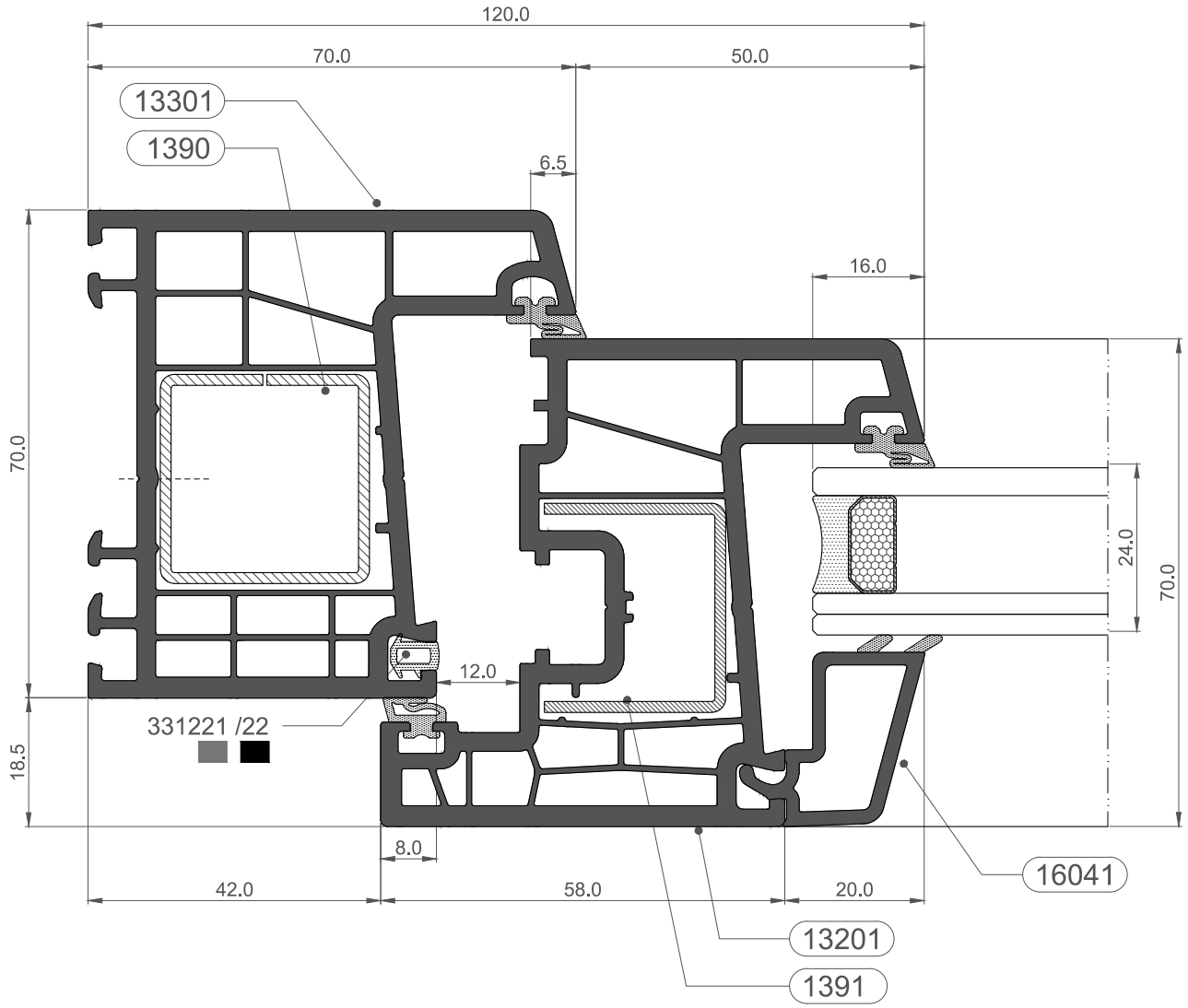
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01

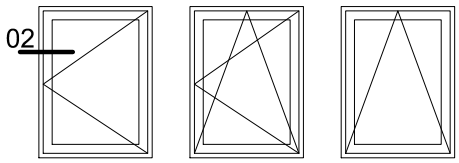

80.0
24.0
16041
330424
331310
16.0
20.0
50.0
13211
1391
58.0
6.5
120.0
331221 /22
12.0
140.0
8.0
70.0
18.5
42.0
1390
13301
20.0
12711
1292
351201 /02
70.0
160.0

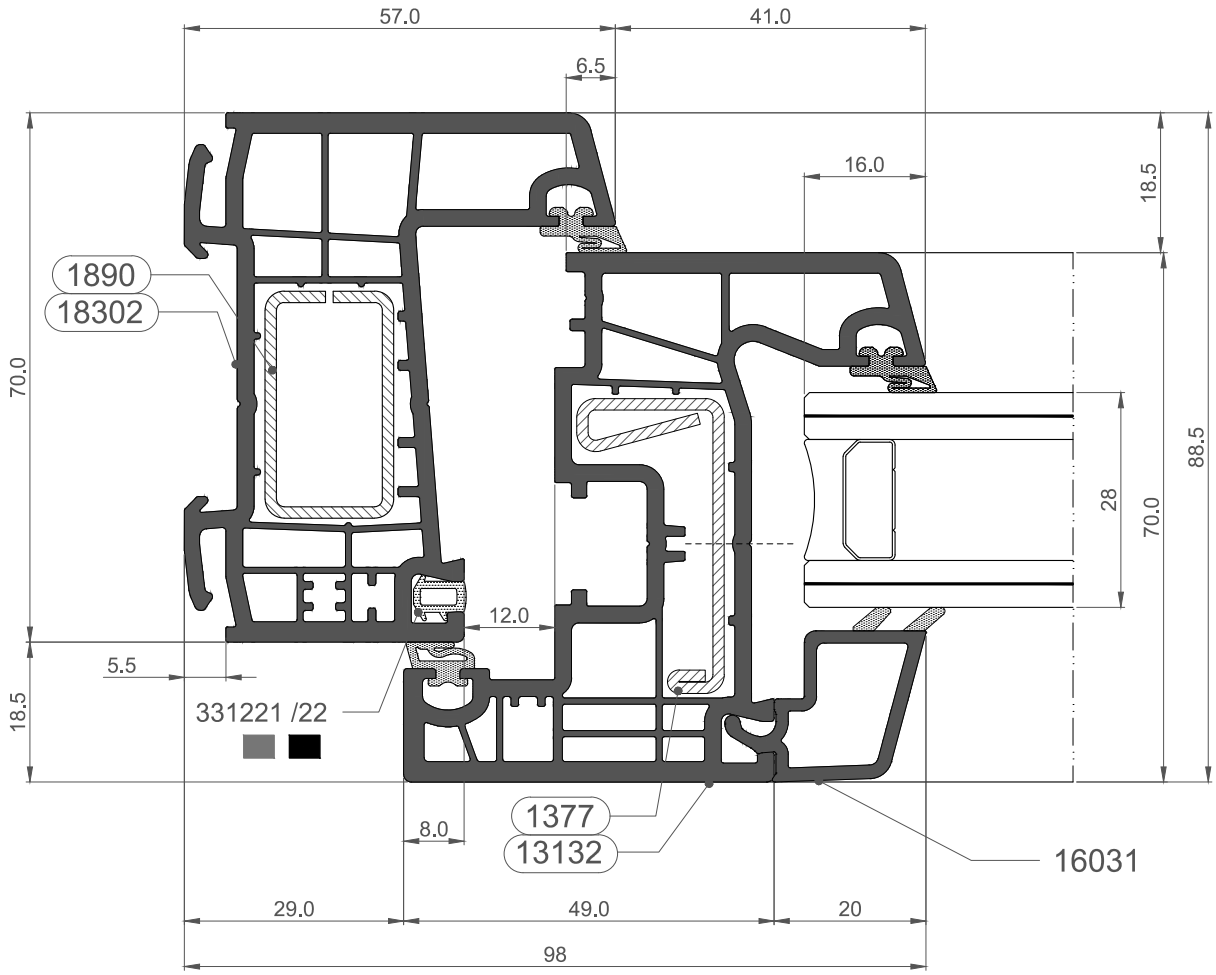
1:1

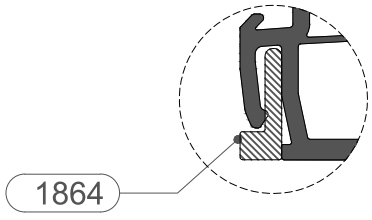

02


120.0
70.0
50.0
13301
1390
6.5
16.0
70.0
24.0
70.0
12.0
331221 /22
18.5
8.0
42.0
58.0
20.0
16041
13201
1391

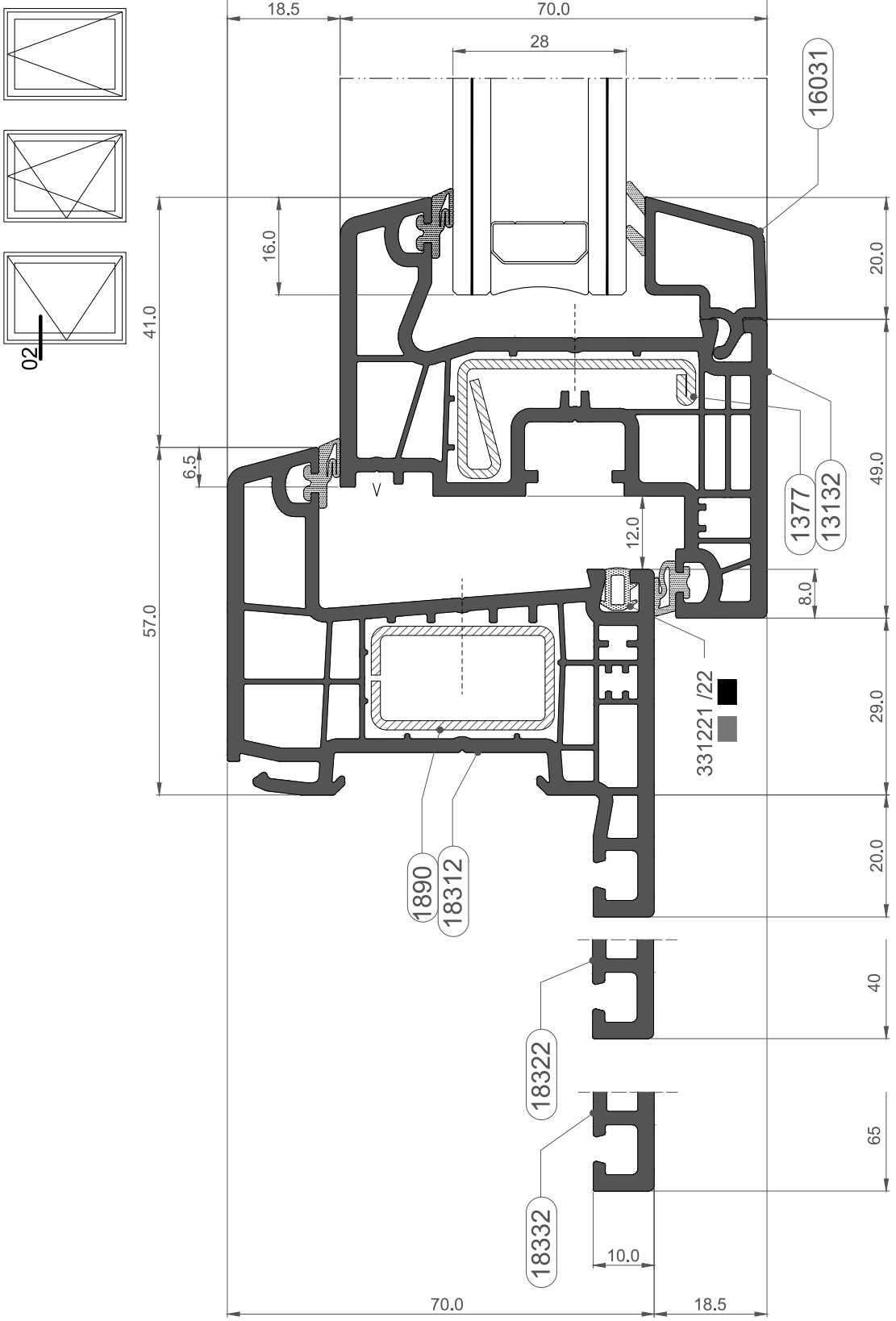
1:1


02


57.0
41.0
6.5
16.0
18.5
1890
18302
70.0
88.5
28
70.0
12.0
5.5
18.5
331221 /22
1377
13132
8.0
16031
29.0
49.0
20
98

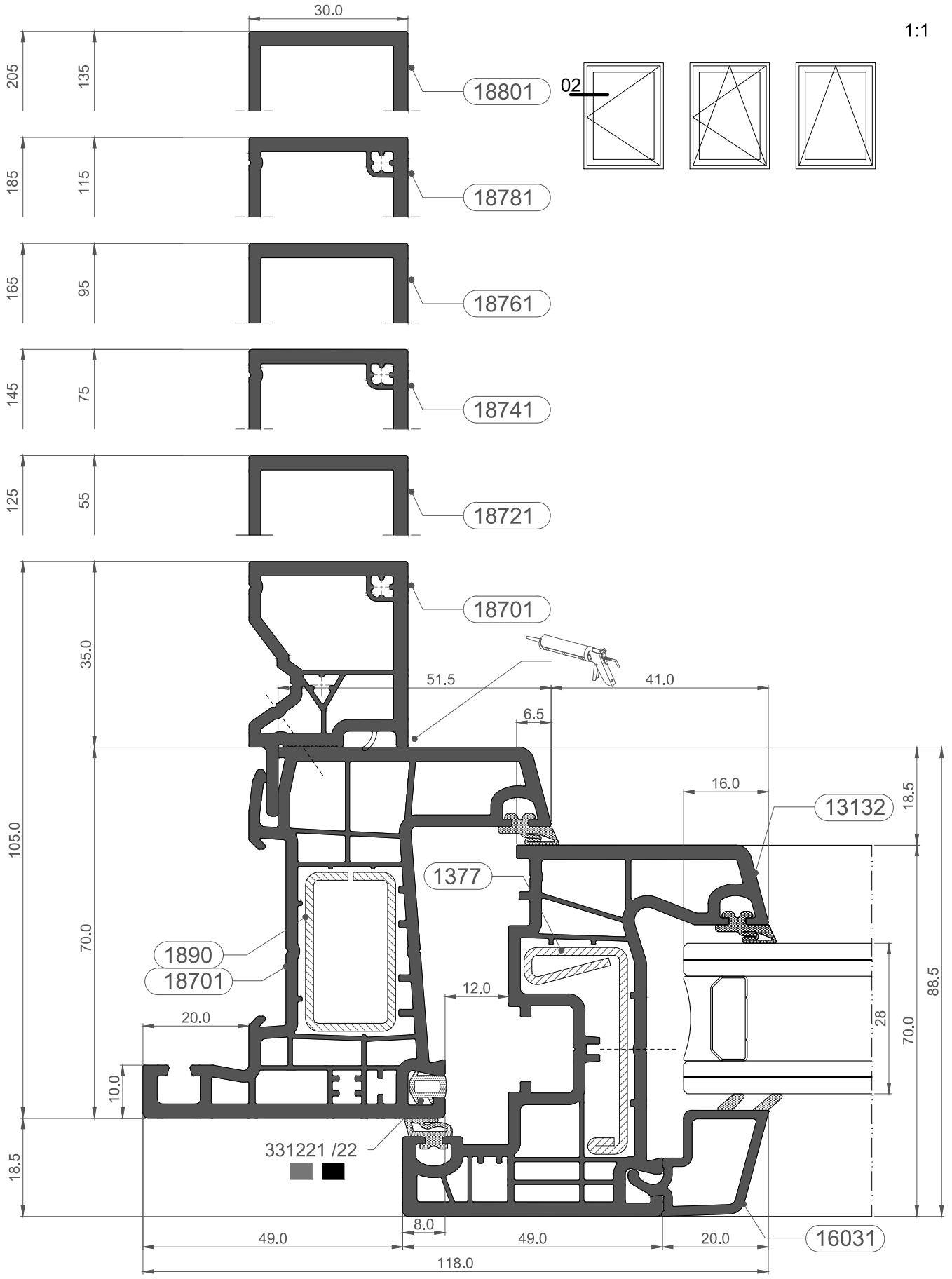

1864

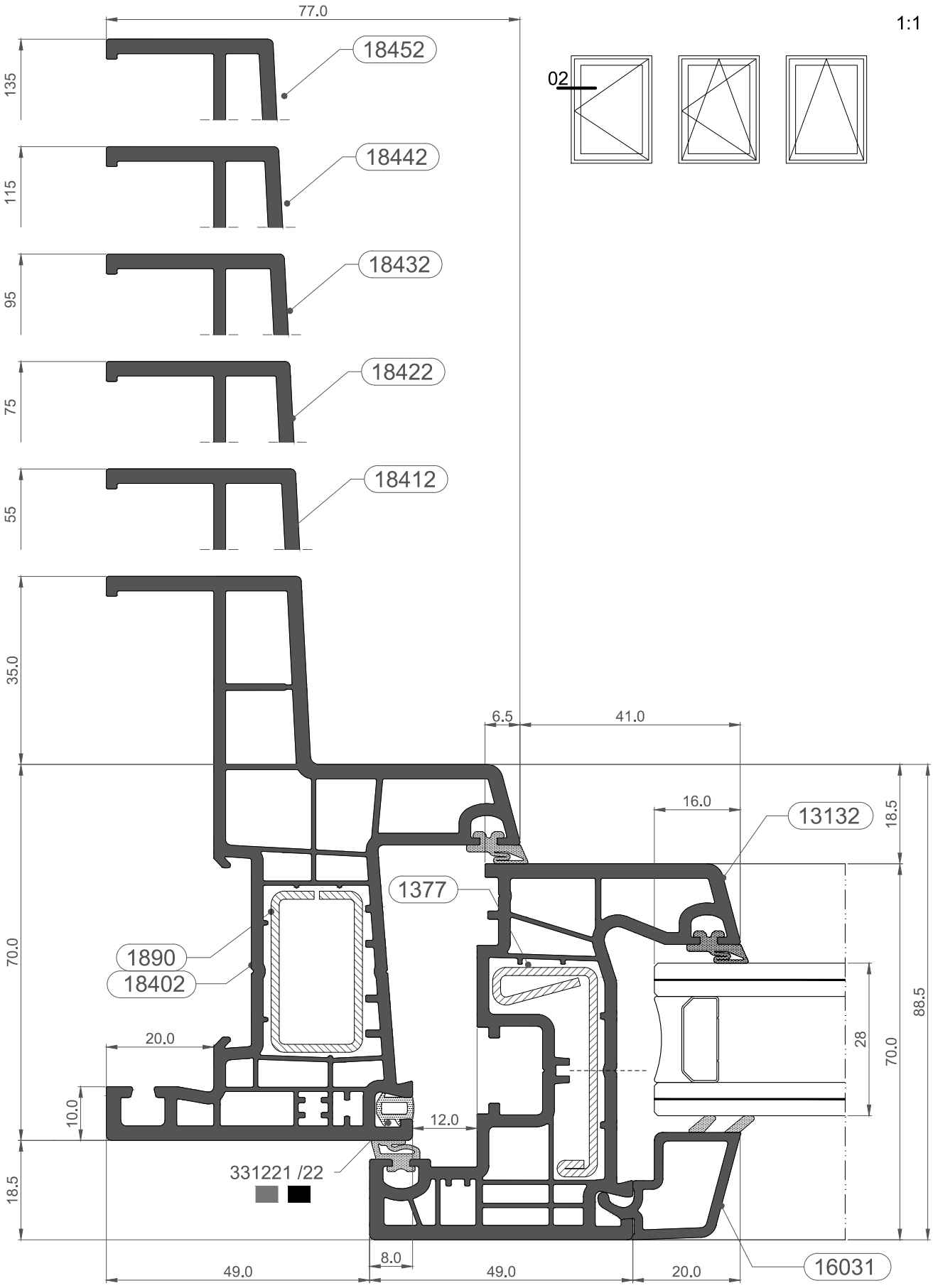
1:1


88.5
18.5
70.0
28
16031
16.0
20.0
41.0
6.5
49.0
1377
13132
12.0
8.0
57.0
331221 /22
29.0
1890
18312
20.0
40
18322
65
18332
10.0
70.0
18.5
02

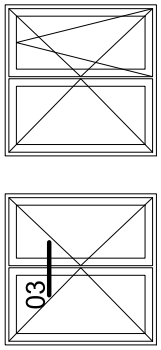
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

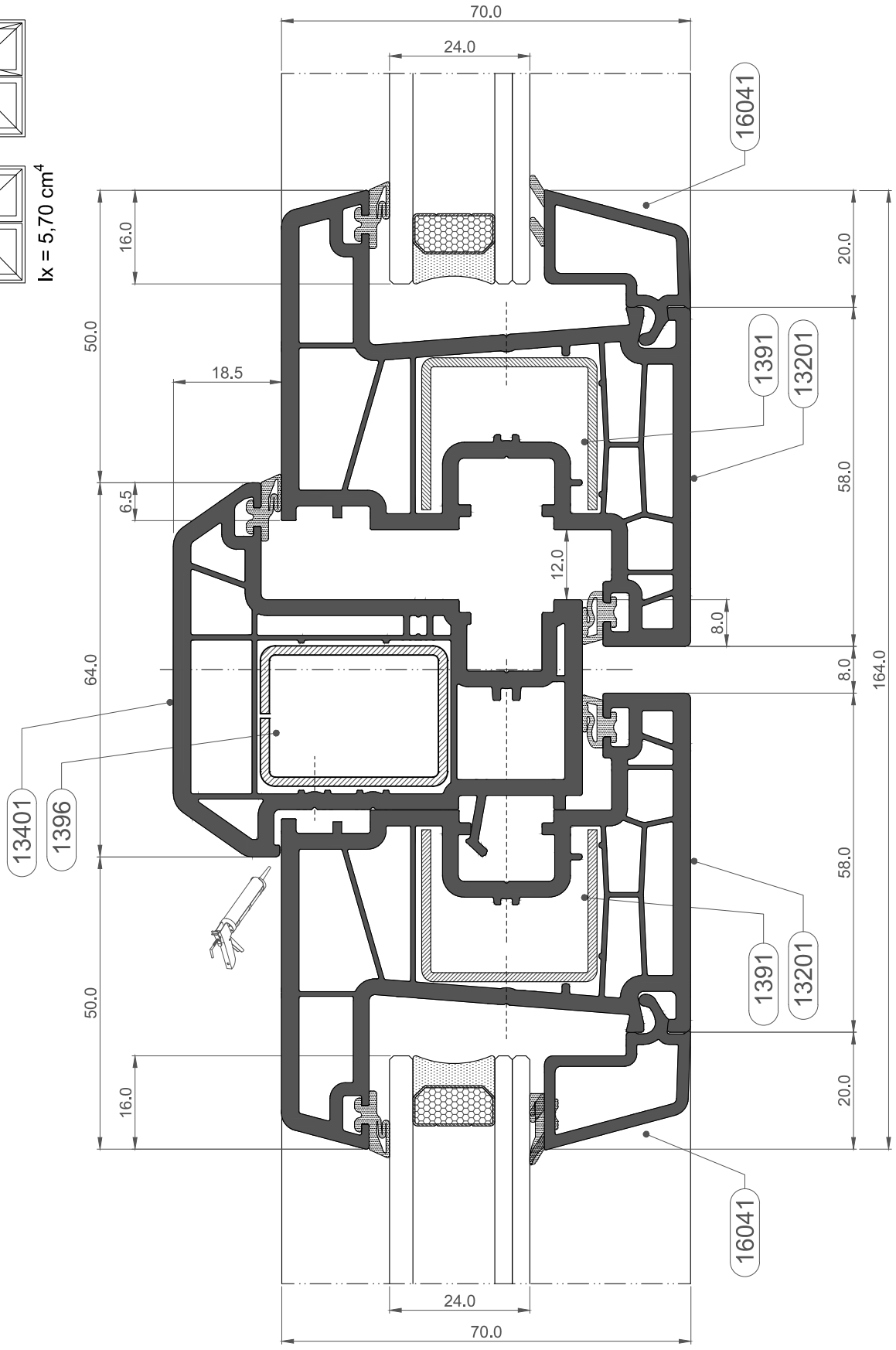



77.0
18452
18442
18432
18422
18412
135
115
95
75
55
35.0
70.0
18.5
1:1
02
6.5
41.0
16.0
13132
18.5
1377
1890
18402
20.0
10.0
12.0
331221 /22
28
70.0
88.5
8.0
49.0
49.0
20.0
16031

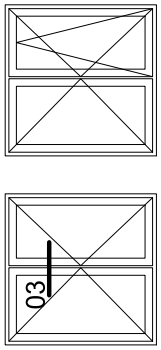
1:1


03

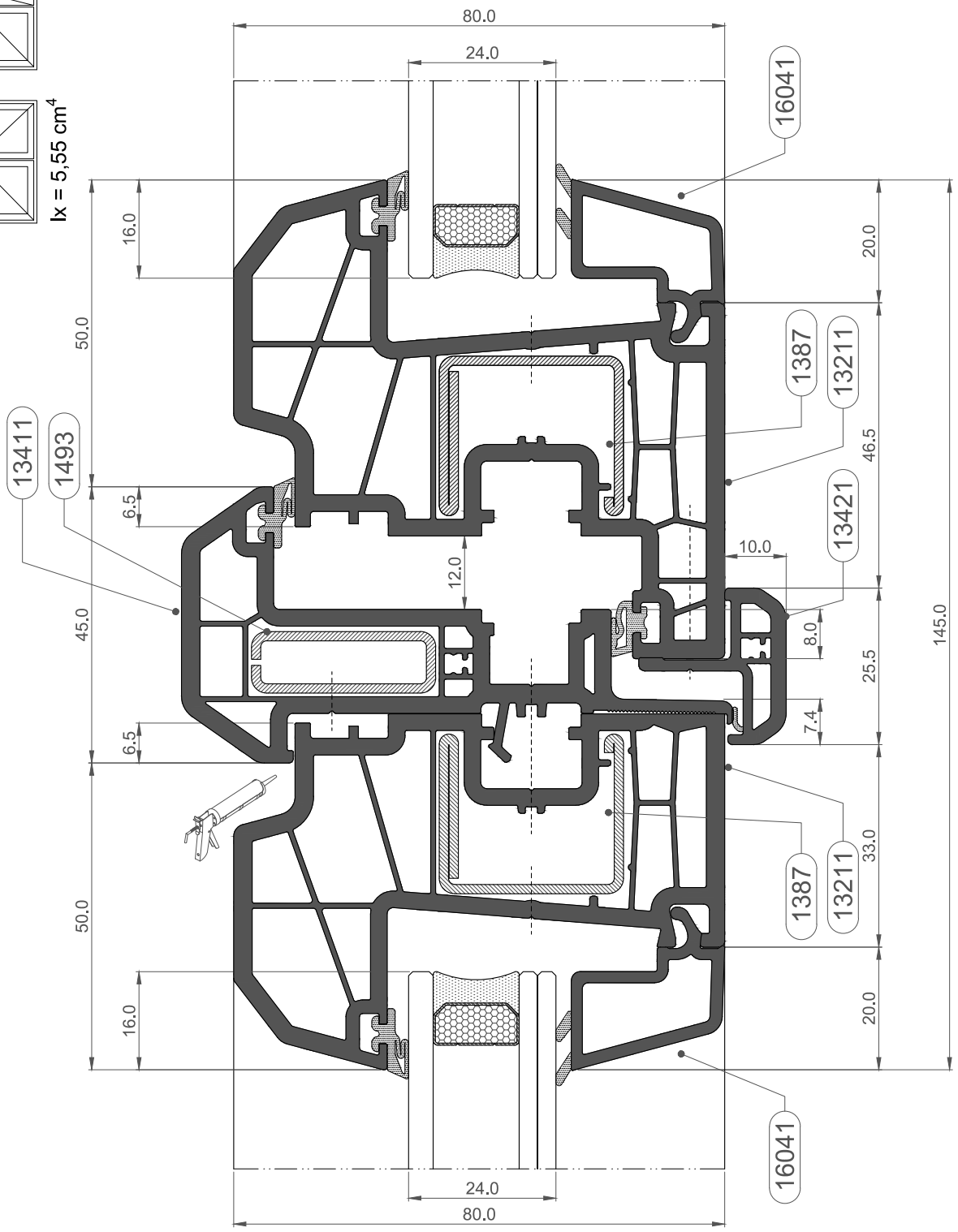
Ix = 5,70 cm^4


70.0
24.0
16041
16.0
20.0
50.0
18.5
1391
13201
6.5
58.0
12.0
8.0
64.0
8.0
164.0
13401
1396
58.0
50.0
1391
13201
16.0
20.0
16041
24.0
70.0

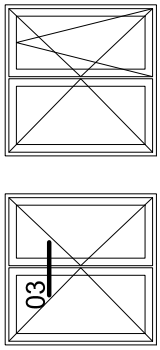
1:1


03

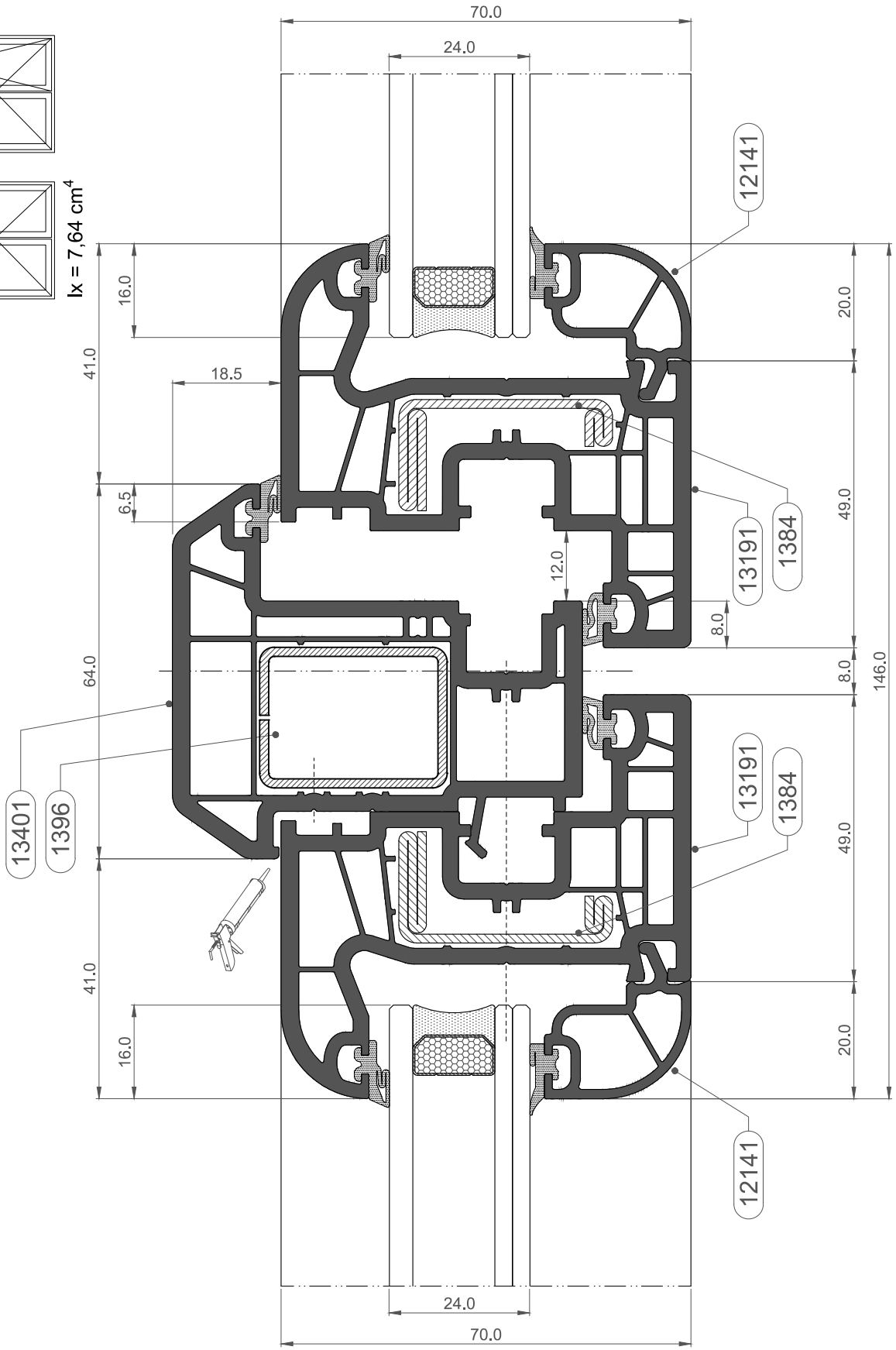
Ix = 5,55 cm^4


80.0
24.0
16041
16.0
20.0
50.0
1387
13211
46.5
13411
1493
6.5
13421
10.0
12.0
45.0
8.0
25.5
145.0
7.4
6.5
33.0
1387
13211
50.0
16.0
20.0
16041
24.0
80.0

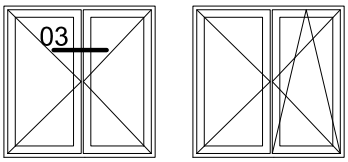
1:1 Versión **Balconera** / Balcony version



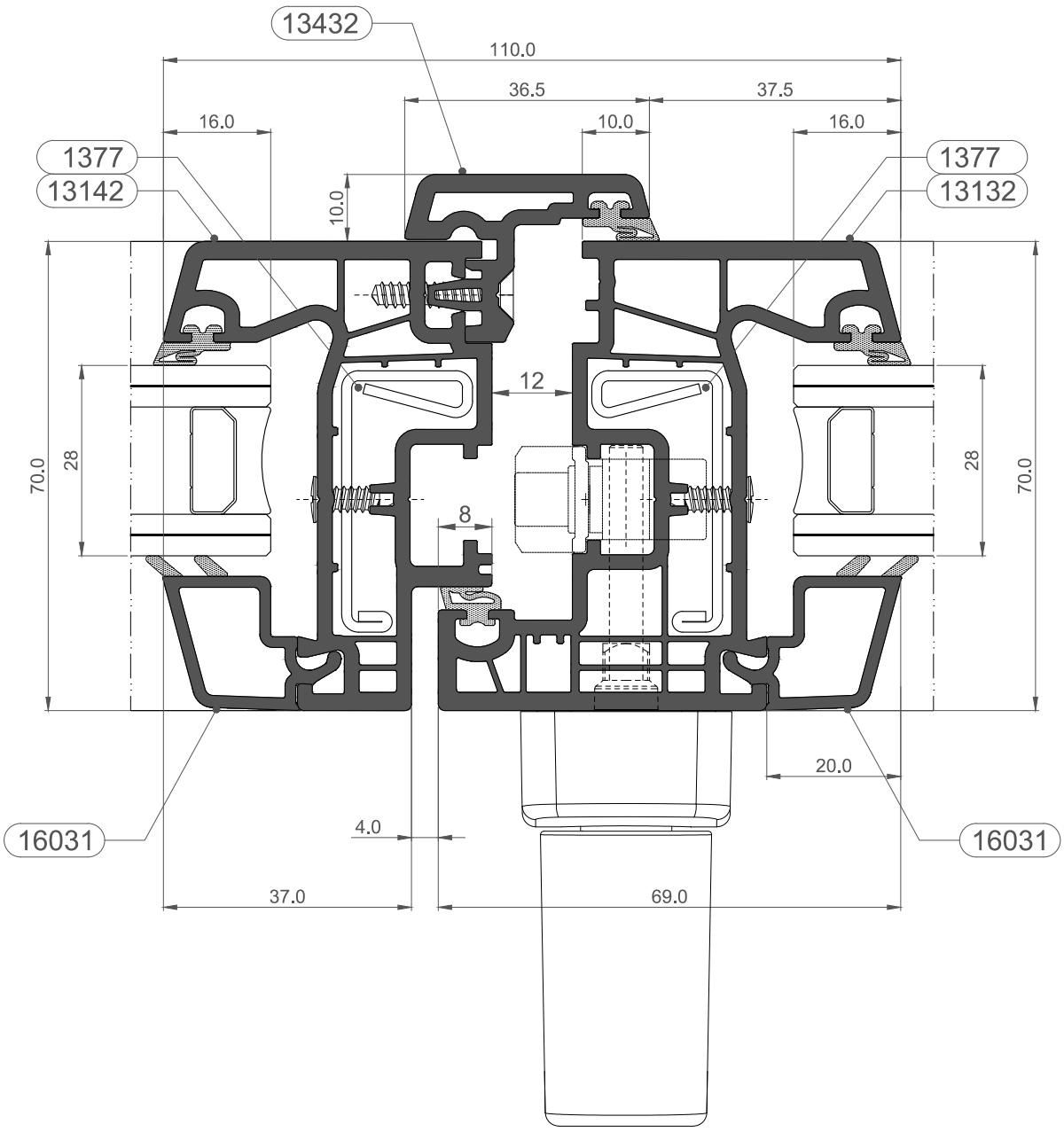
Ix = 7,64 cm^4



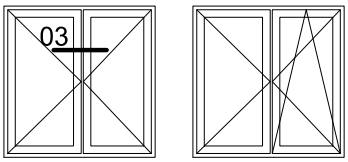
1:1


03

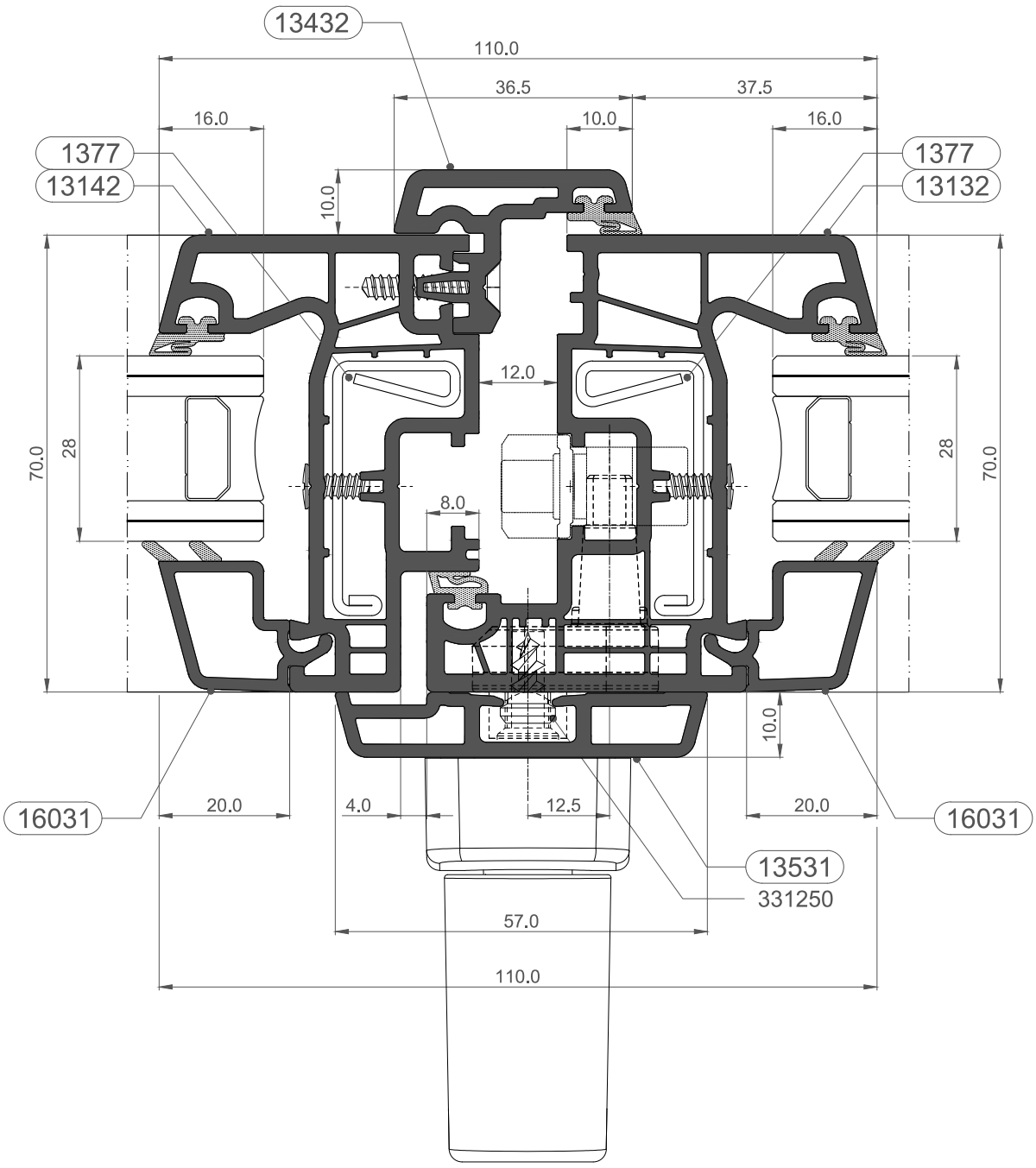
Ix = 4,84 cm^4

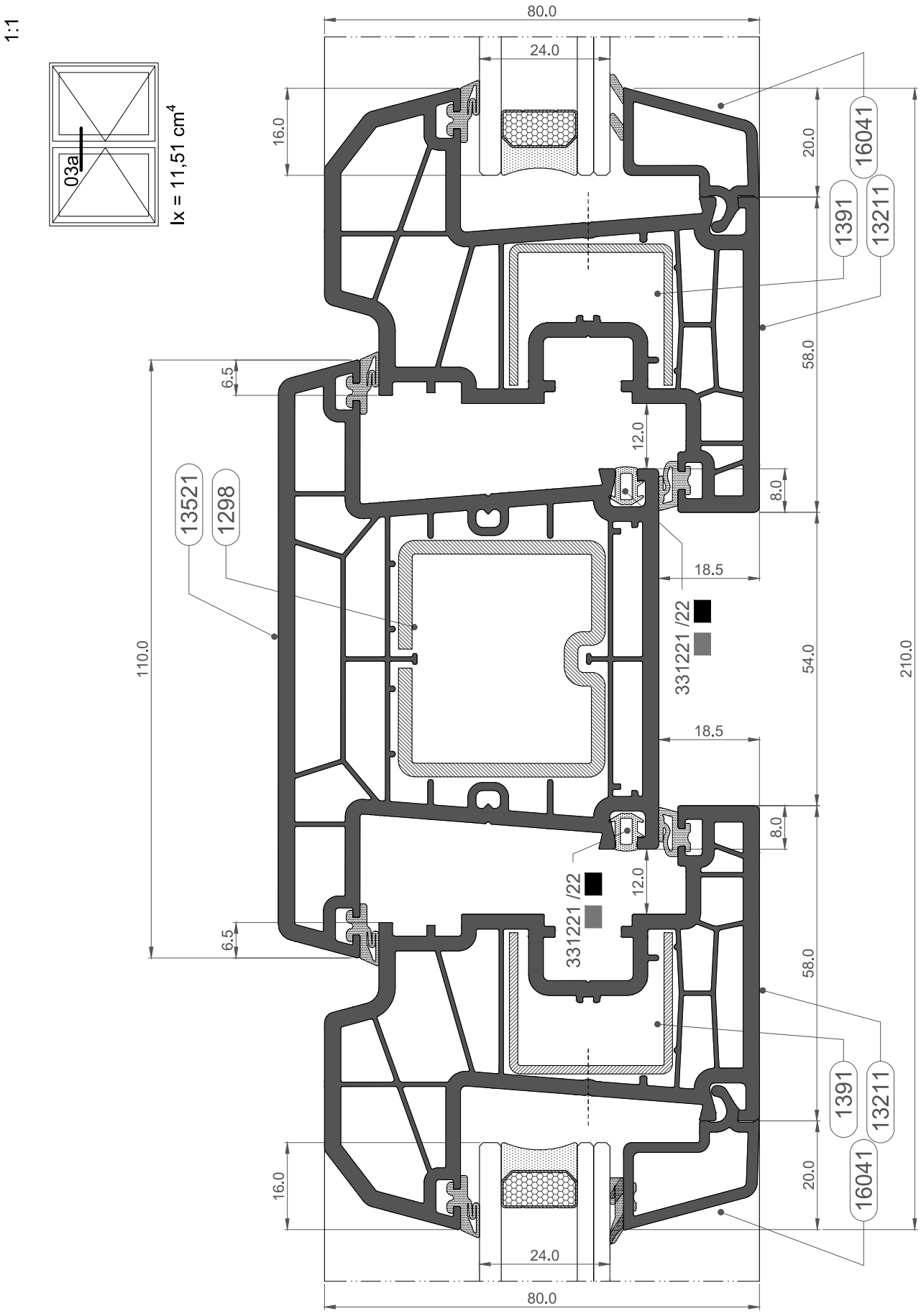

13432
110.0
36.5
37.5
16.0
10.0
16.0
1377
13142
1377
13132
10.0
12
70.0
28
28
70.0
8
20.0
16031
4.0
16031
37.0
69.0

1:1

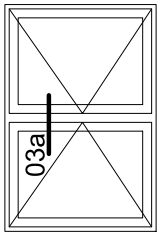

03

Ix = 4,84 cm^4

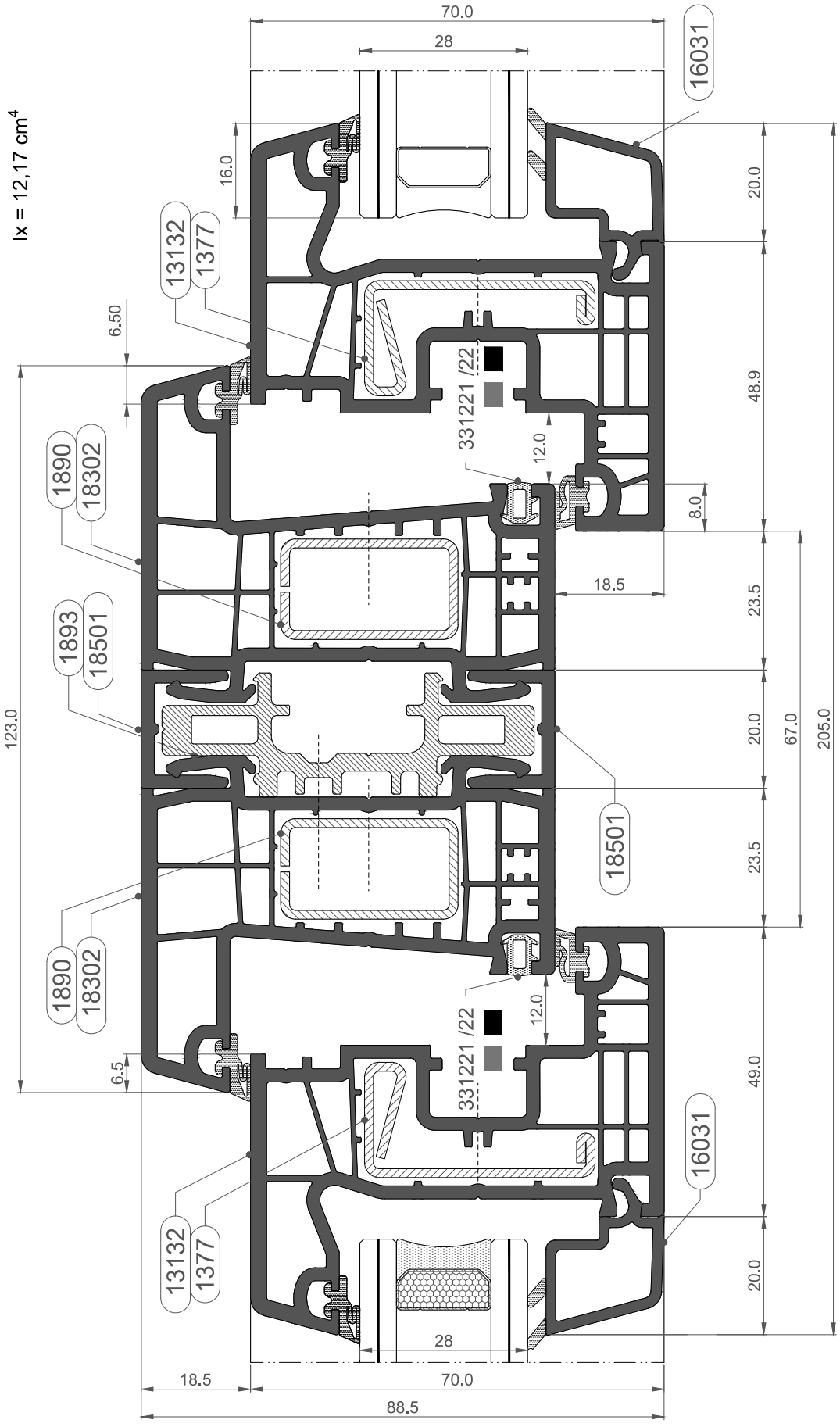

13432
110.0
36.5
37.5
16.0
10.0
16.0
1377
13142
1377
13132
10.0
12.0
70.0
28
28
70.0
8.0
10.0
16031
20.0
4.0
12.5
20.0
16031
13531
331250
57.0
110.0


1:1
03a
Ix = 11,51 cm4
80.0
24.0
16.0
20.0
16041
1391
13211
58.0
6.5
12.0
8.0
13521
1298
18.5
331221 /22
110.0
54.0
210.0
18.5
8.0
12.0
331221 /22
6.5
58.0
1391
13211
16041
20.0
16.0
24.0
80.0

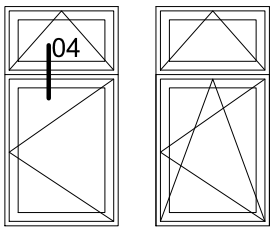
1:1



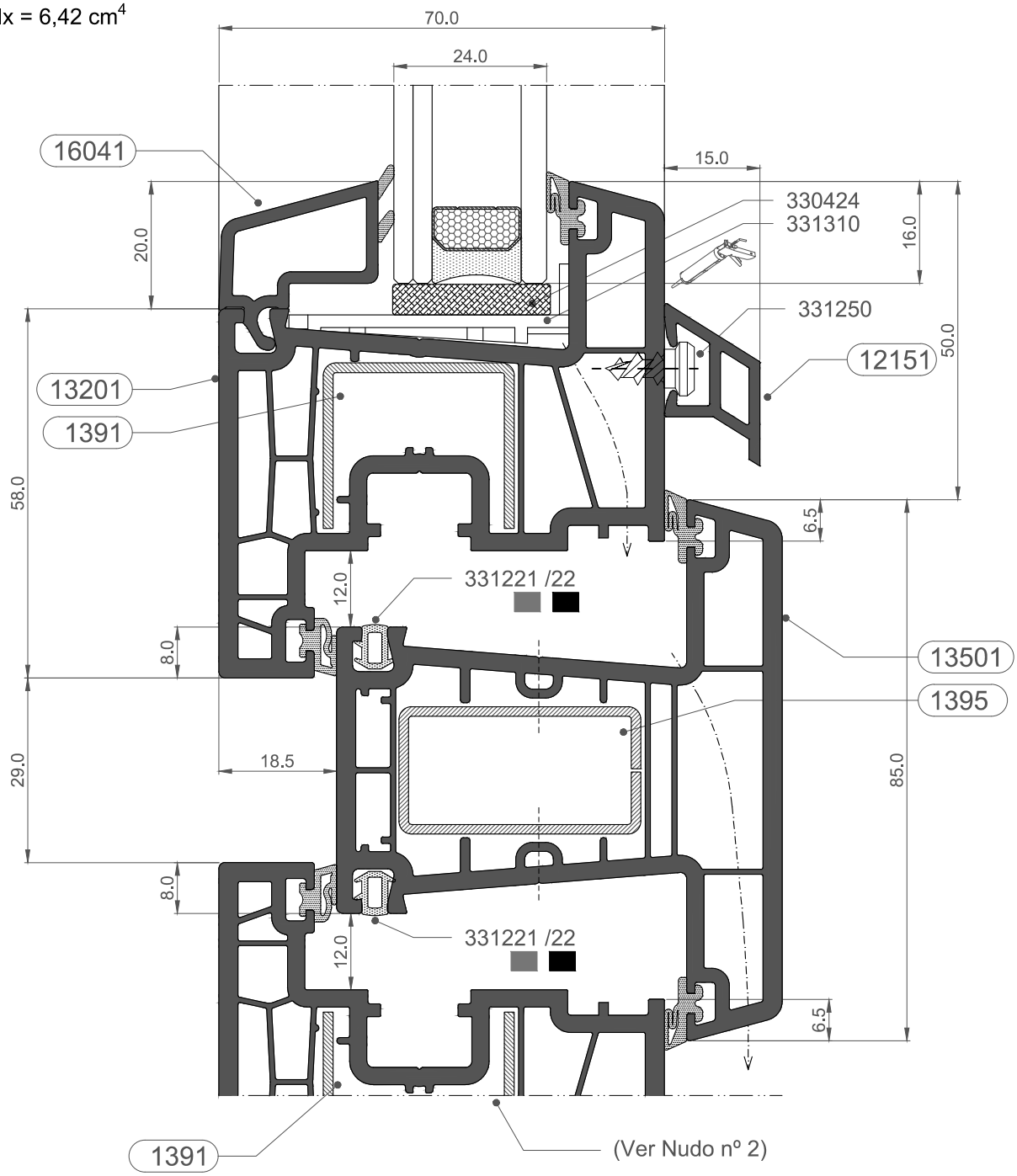
Ix = 12,17 cm^4



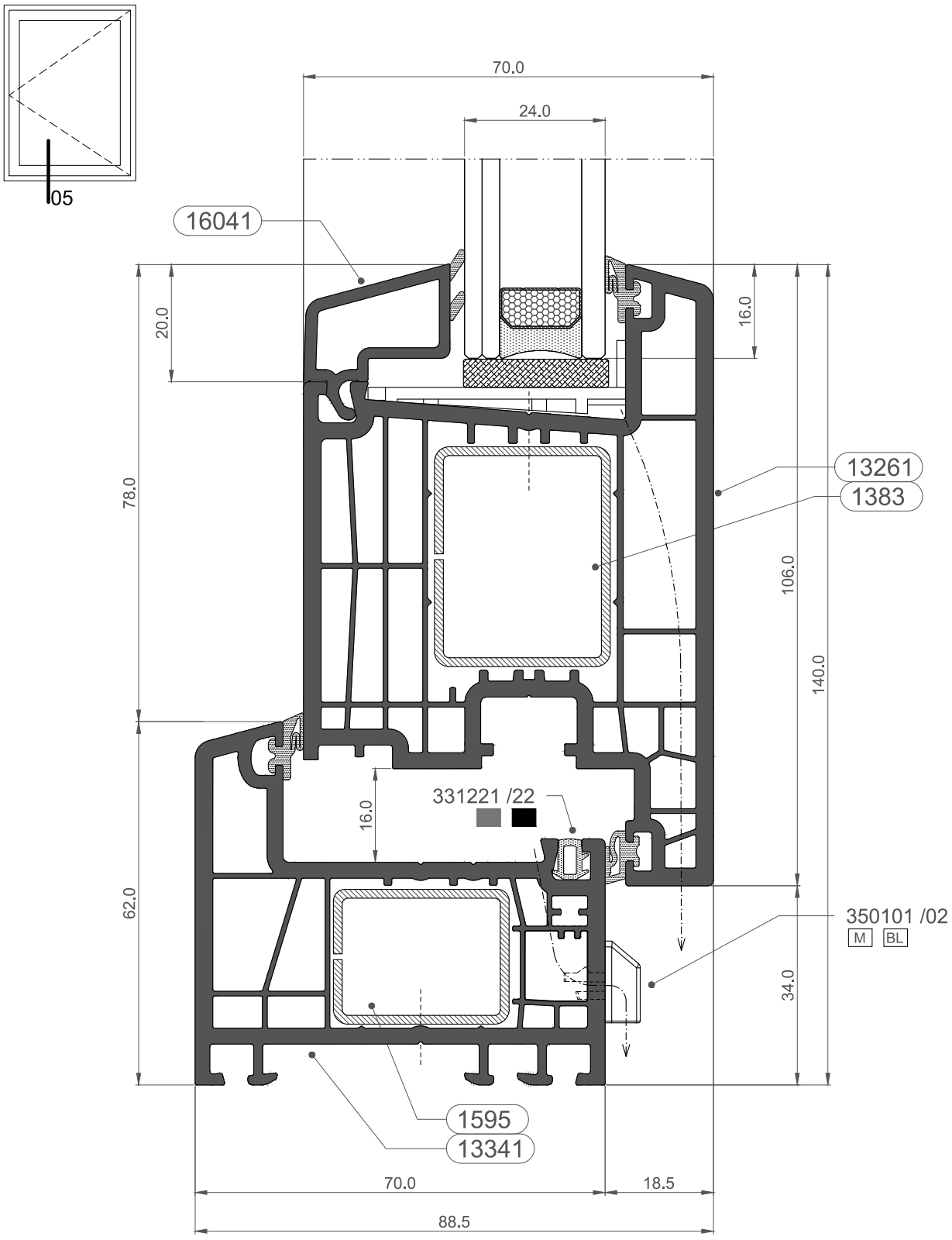
1:1


04

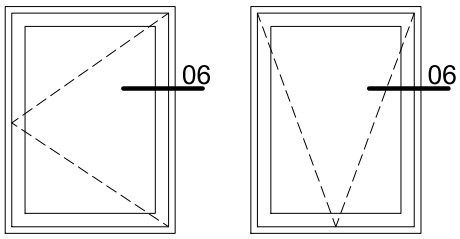
Ix = 6,42 cm^4

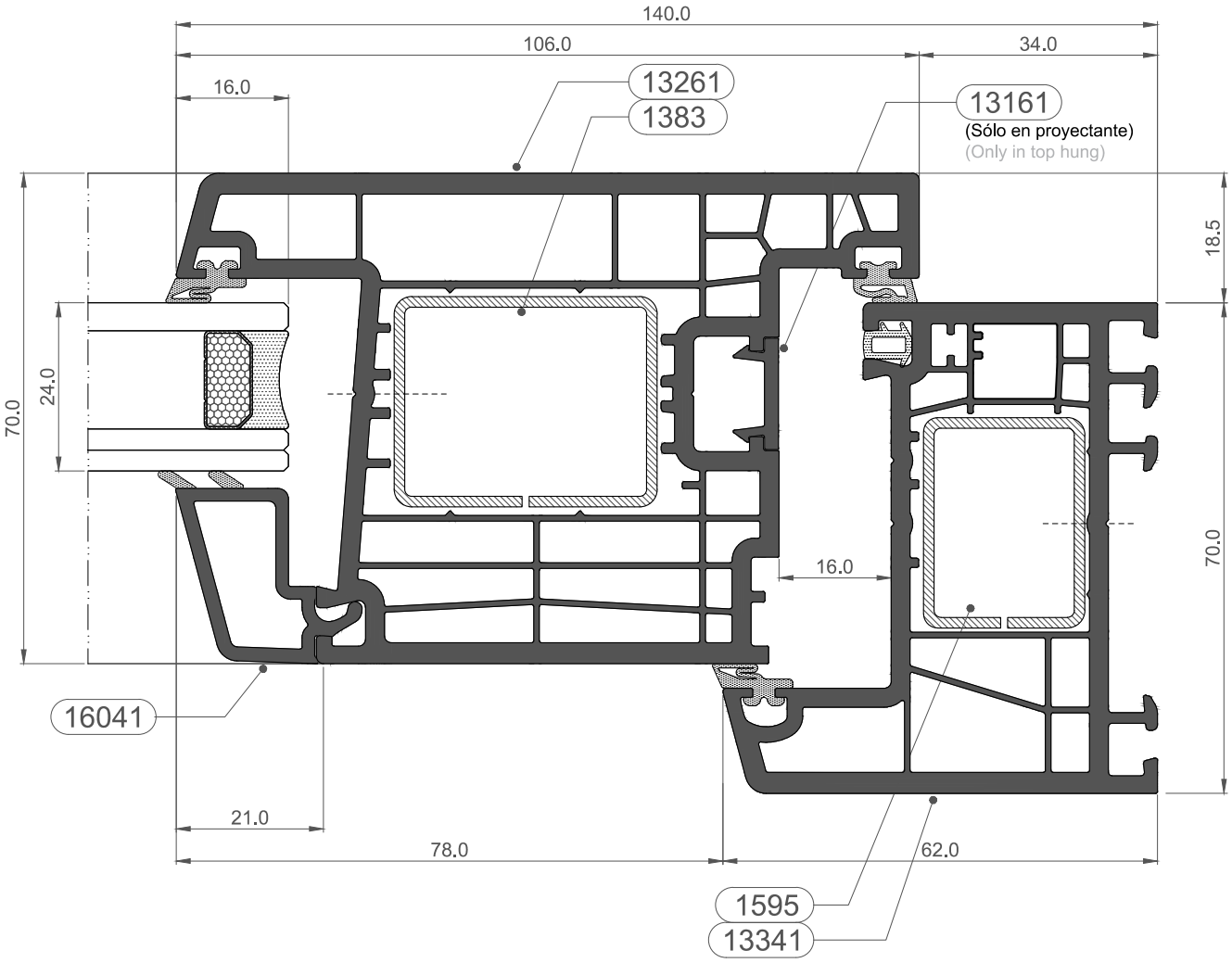

70.0
24.0
16041
15.0
330424
331310
16.0
20.0
331250
12151
50.0
13201
1391
58.0
6.5
12.0
331221 /22
8.0
13501
1395
29.0
18.5
85.0
8.0
12.0
331221 /22
6.5
1391
(Ver Nudo nº 2)

1:1

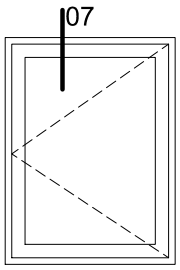

05
70.0
24.0
16041
20.0
16.0
78.0
13261
1383
106.0
140.0
16.0
331221 /22
62.0
350101 /02
M
BL
34.0
1595
13341
70.0
18.5
88.5

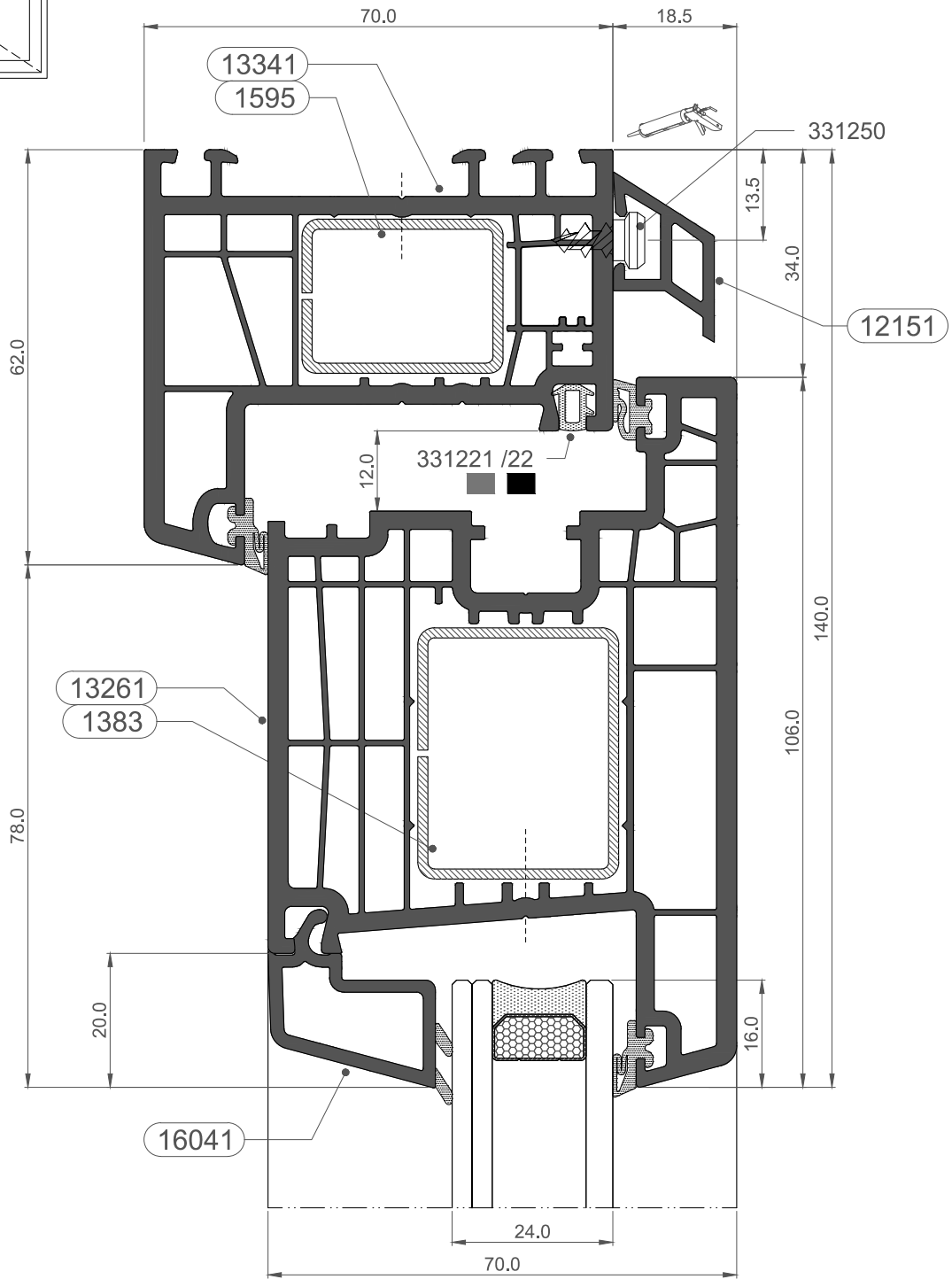
1:1


06
06

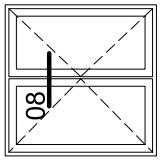

140.0
106.0
34.0
16.0
13261
1383
13161
(Sólo en proyectante)
(Only in top hung)
18.5
70.0
24.0
70.0
16.0
16041
21.0
78.0
62.0
1595
13341

1:1

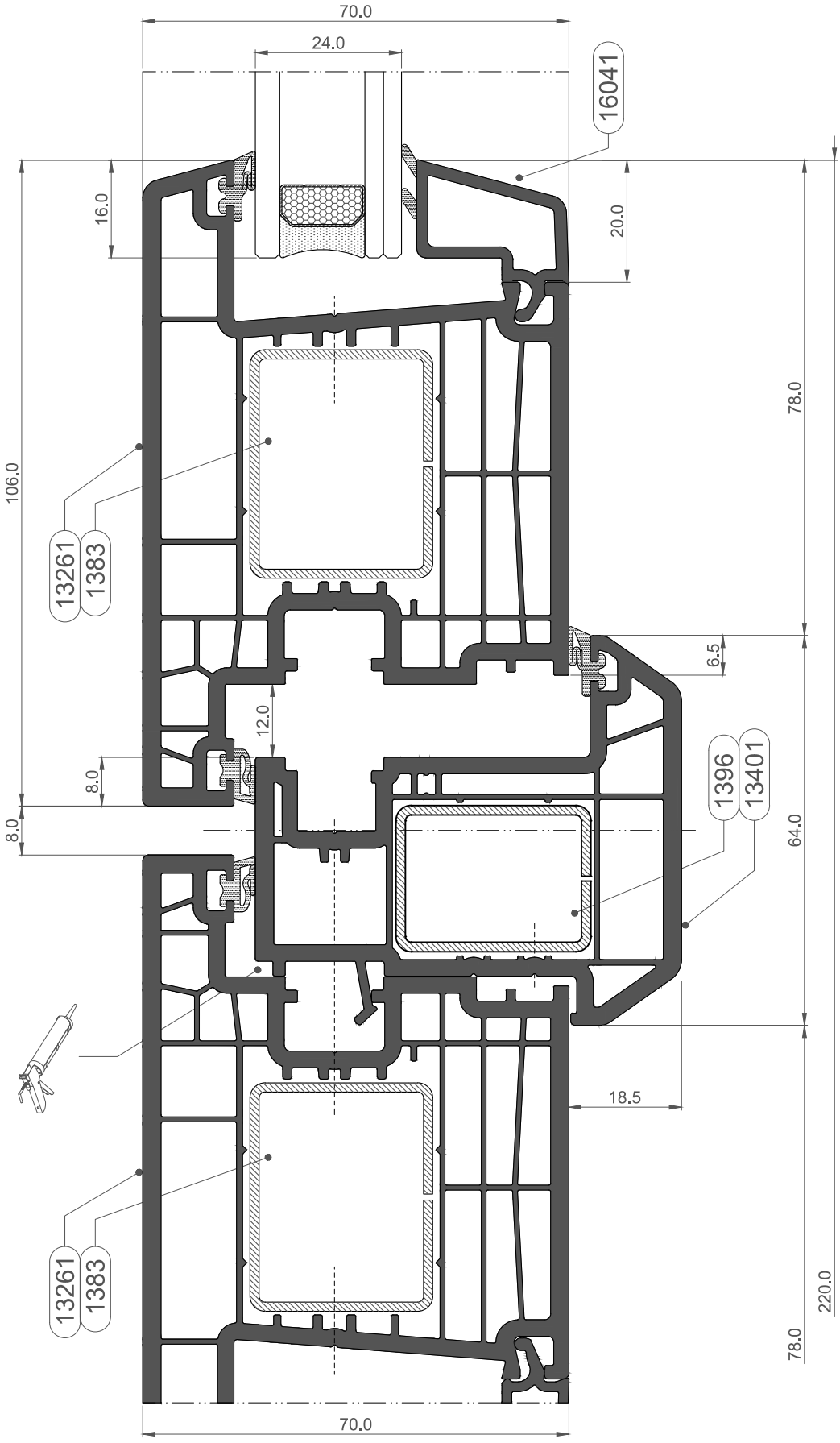

07

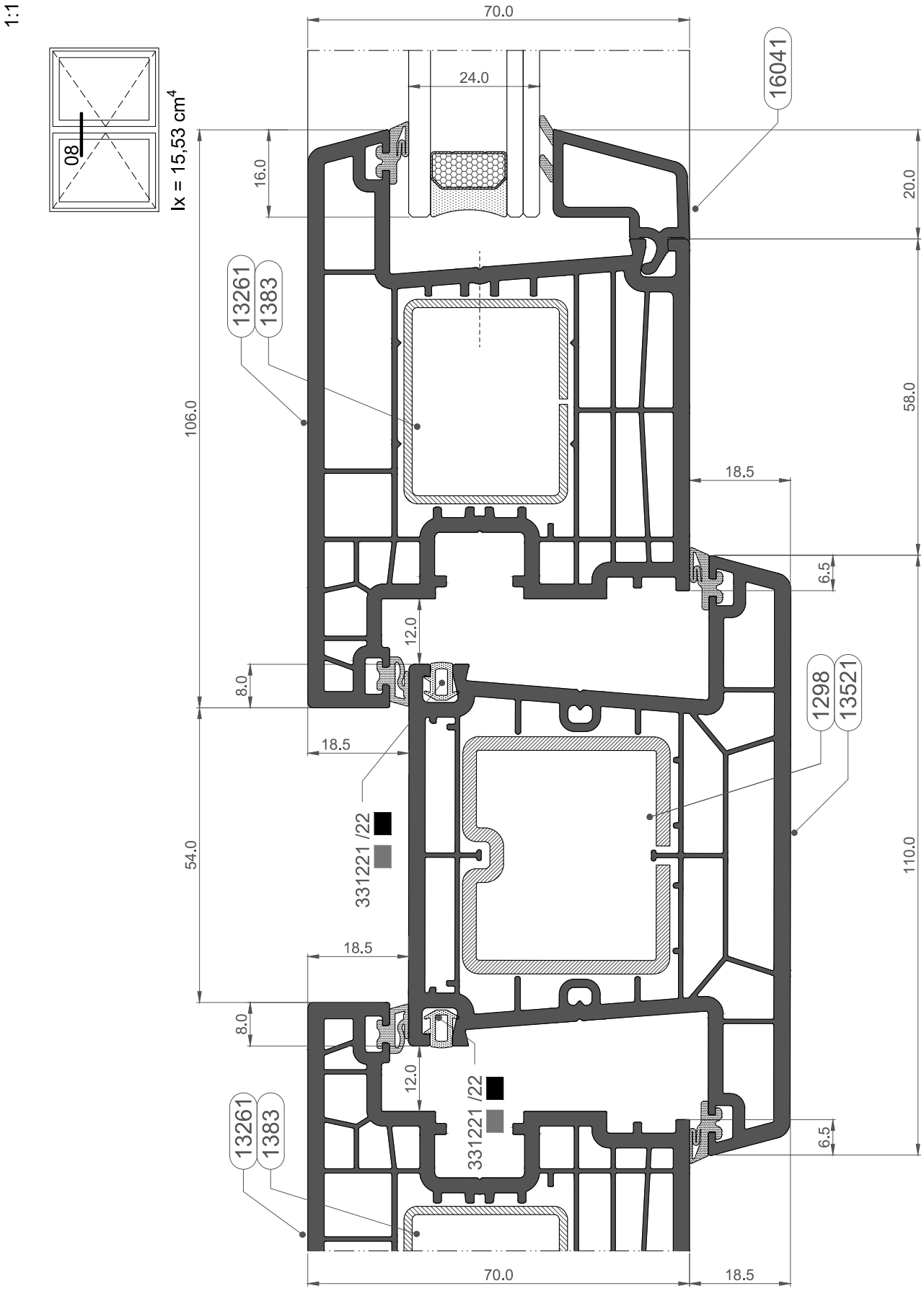

70.0
18.5
13341
1595
331250
13.5
34.0
12151
62.0
12.0
331221 /22
140.0
106.0
13261
1383
78.0
20.0
16.0
16041
24.0
70.0

1:1

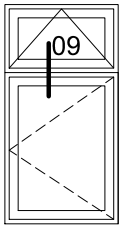

08

Ix = 9,72 cm^4


70.0
24.0
16041
16.0
20.0
106.0
78.0
13261
1383
6.5
12.0
8.0
8.0
1396
13401
64.0
18.5
13261
1383
220.0
78.0
70.0


1:1
08
Ix = 15,53 cm4
70.0
24.0
16041
16.0
20.0
13261
1383
106.0
58.0
18.5
6.5
12.0
8.0
1298
13521
18.5
331221 /22
54.0
110.0
18.5
8.0
12.0
331221 /22
13261
1383
6.5
70.0
18.5

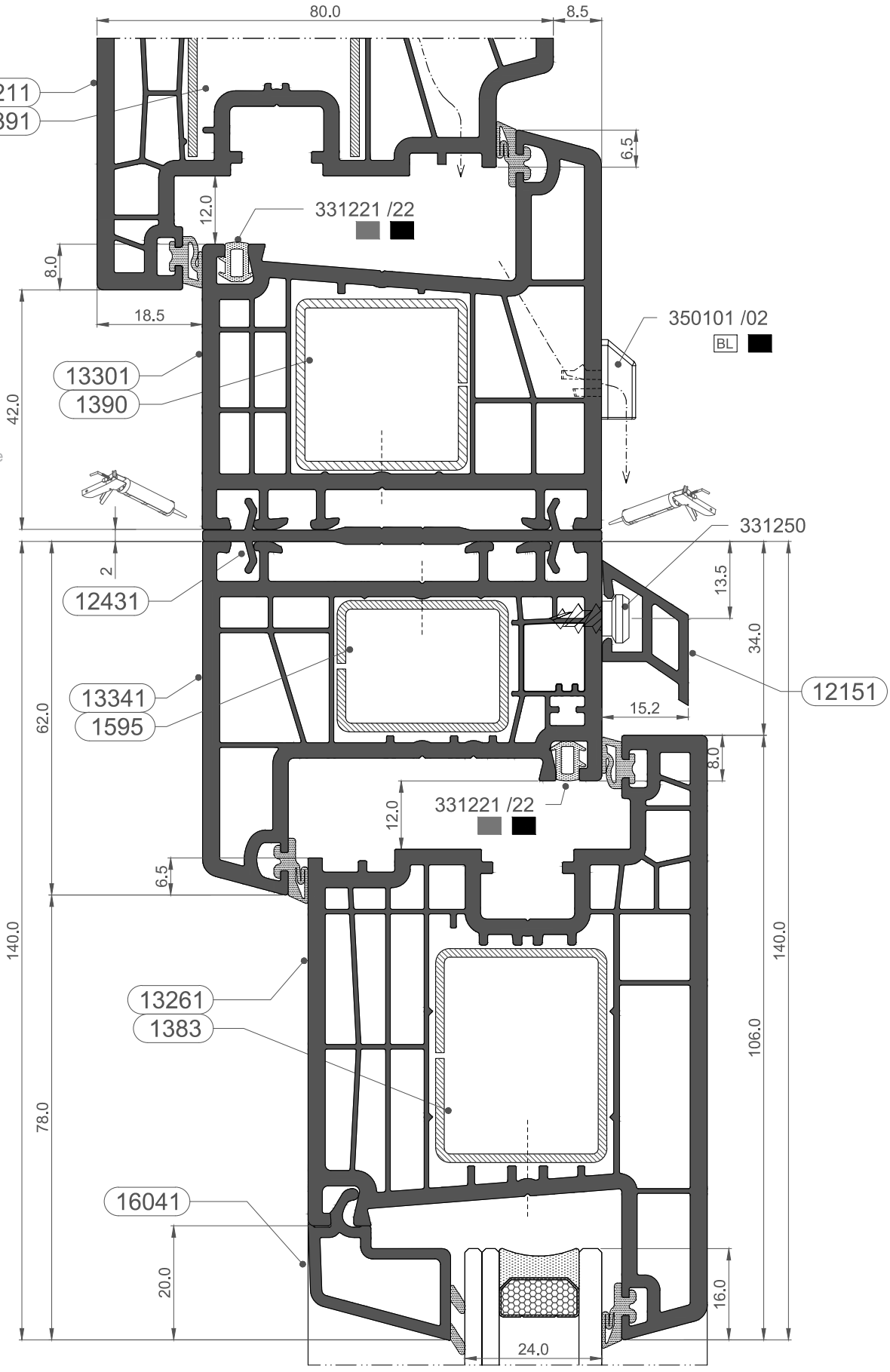
1:1



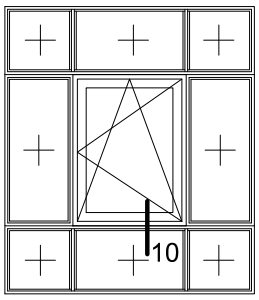
Ix = 8,37 cm^4

(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

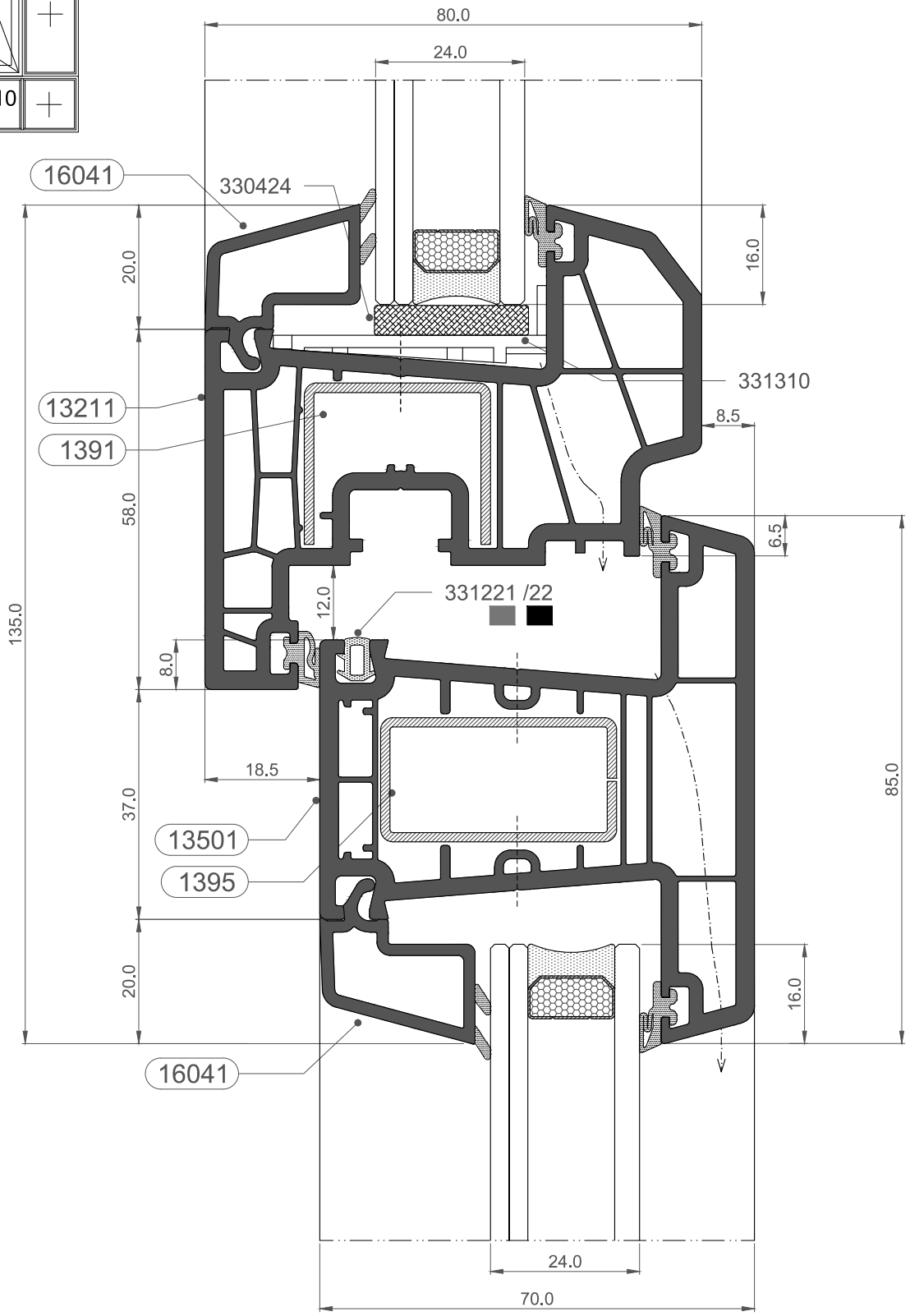
NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)



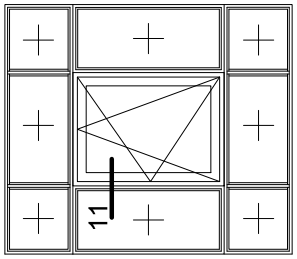
1:1


10

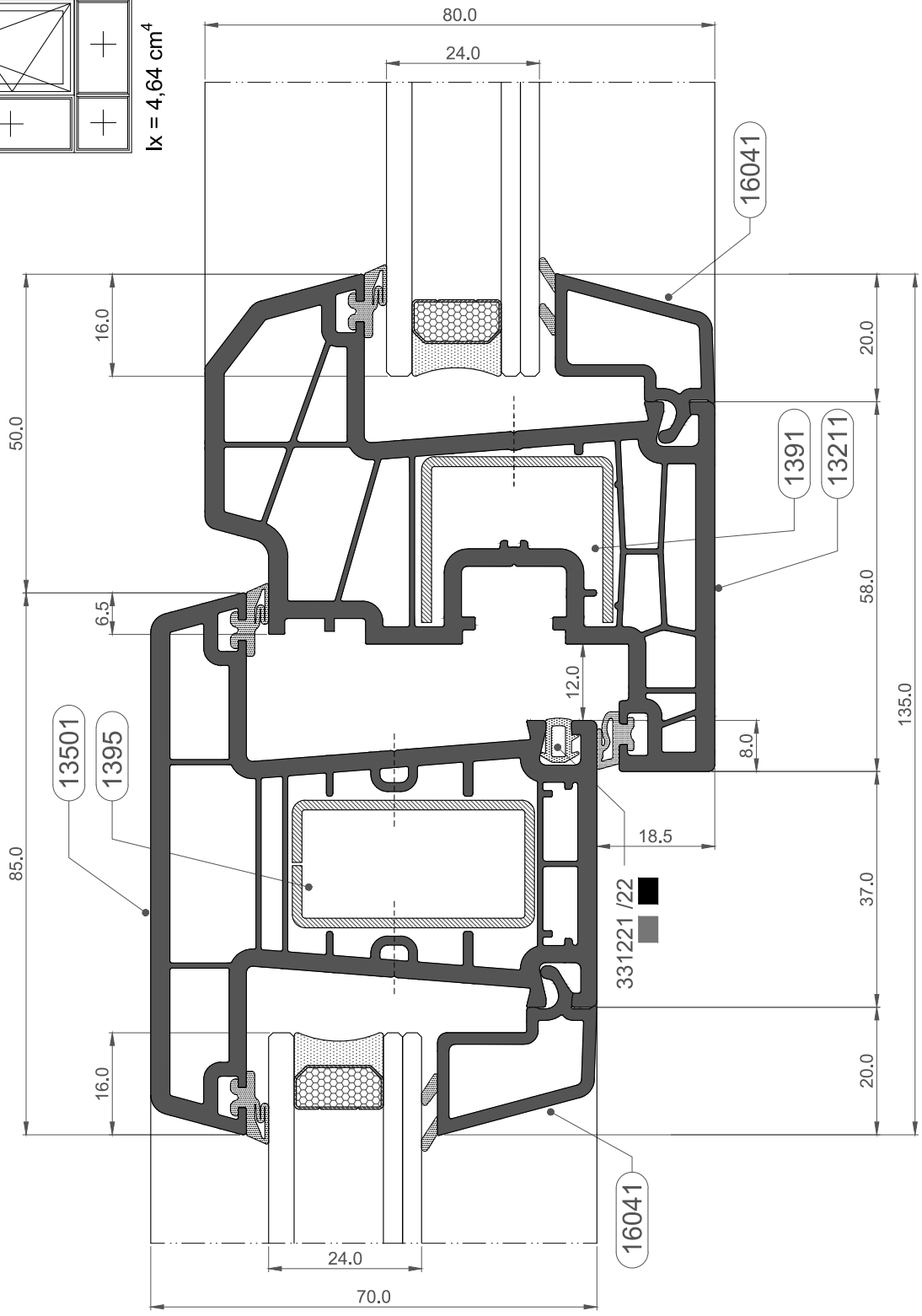
Ix = 4,64 cm^4


80.0
24.0
16041
330424
20.0
16.0
331310
13211
1391
8.5
58.0
6.5
331221 /22
12.0
135.0
8.0
18.5
85.0
37.0
13501
1395
20.0
16.0
16041
24.0
70.0

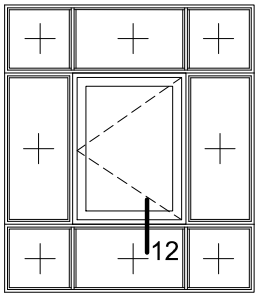
1:1


11

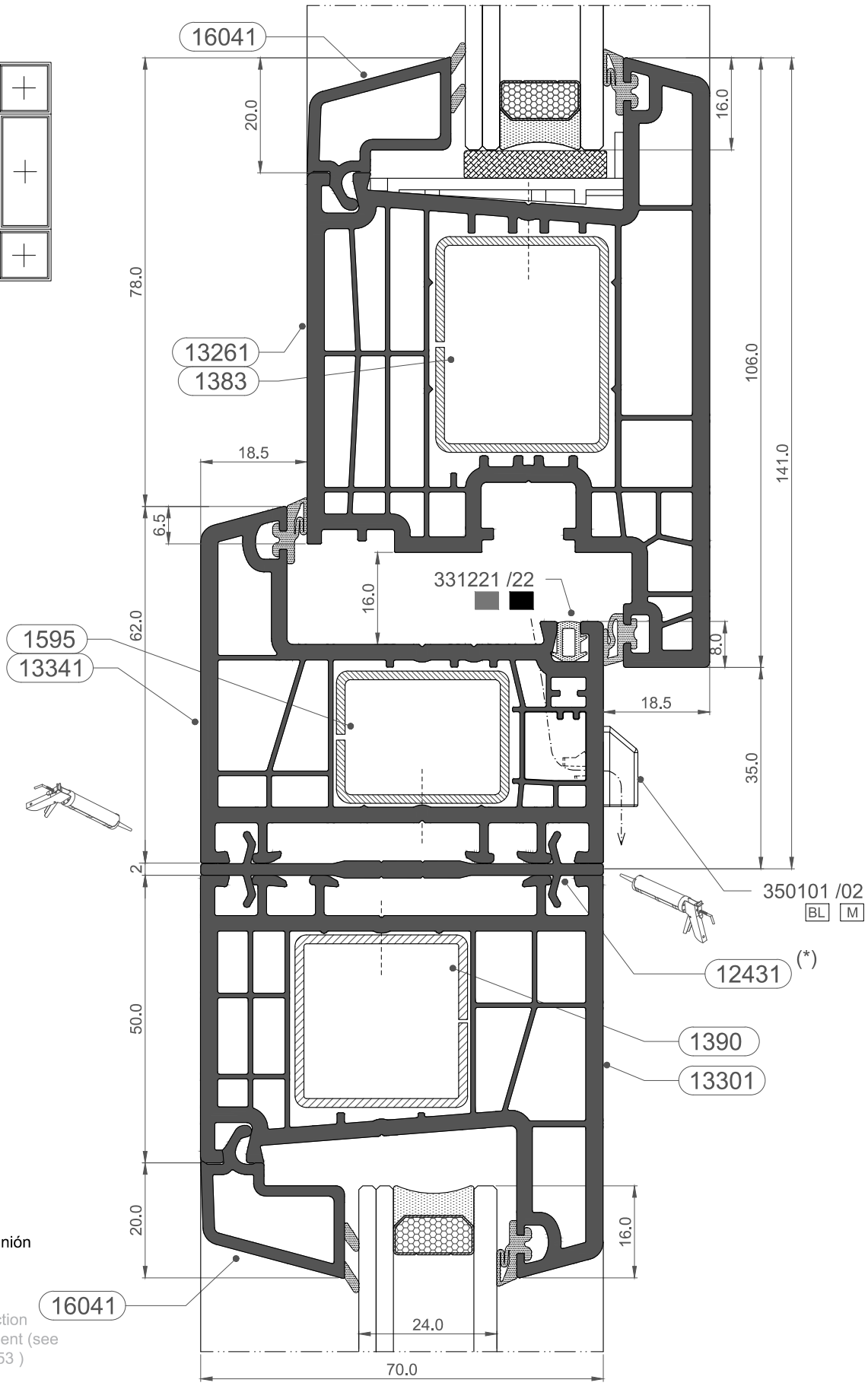
Ix = 4,64 cm⁴


80.0
24.0
16041
16.0
20.0
50.0
1391
13211
58.0
6.5
12.0
135.0
13501
1395
8.0
18.5
85.0
331221 /22
37.0
16.0
20.0
16041
24.0
70.0

1:1

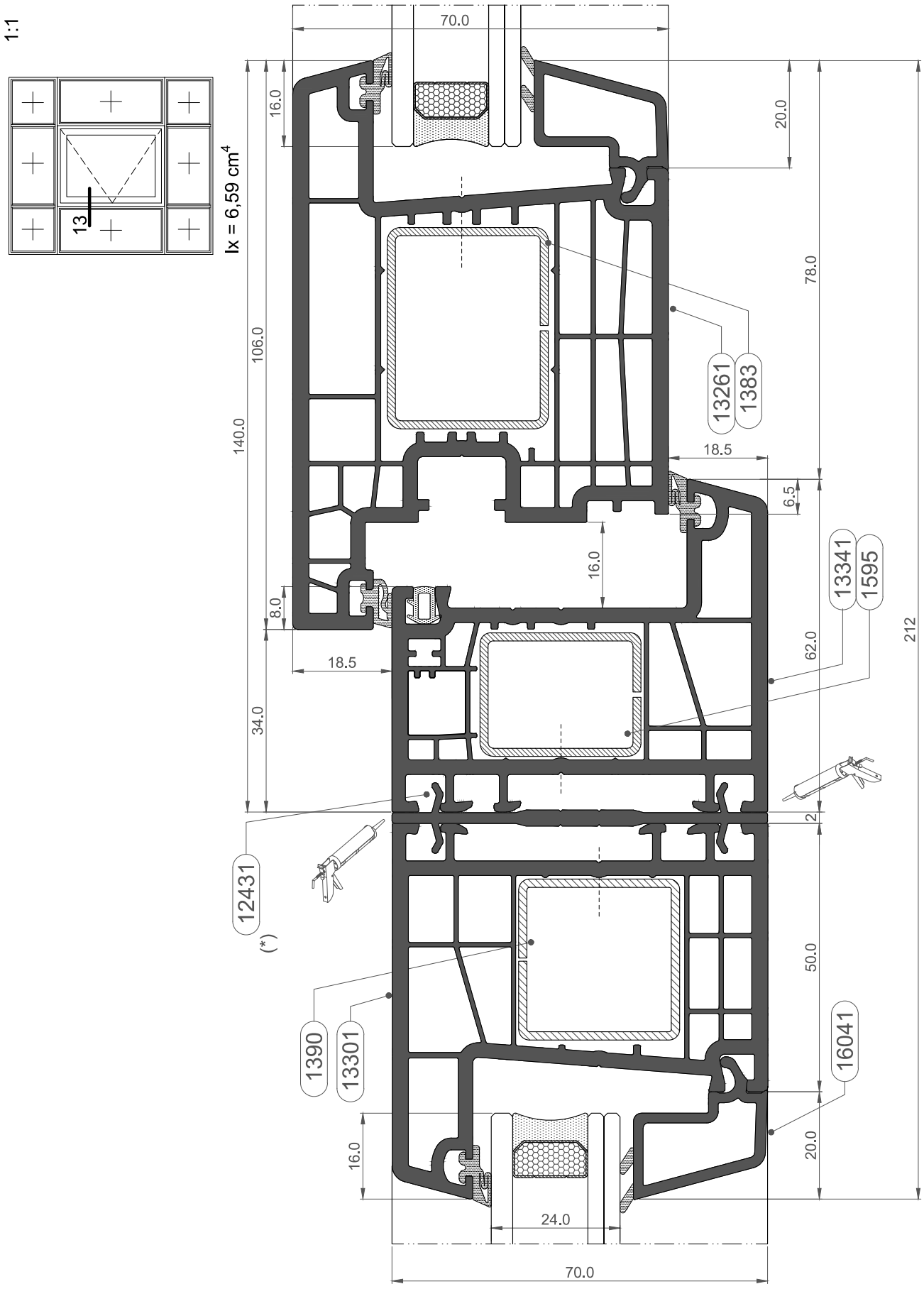


Ix = 6,59 cm^4

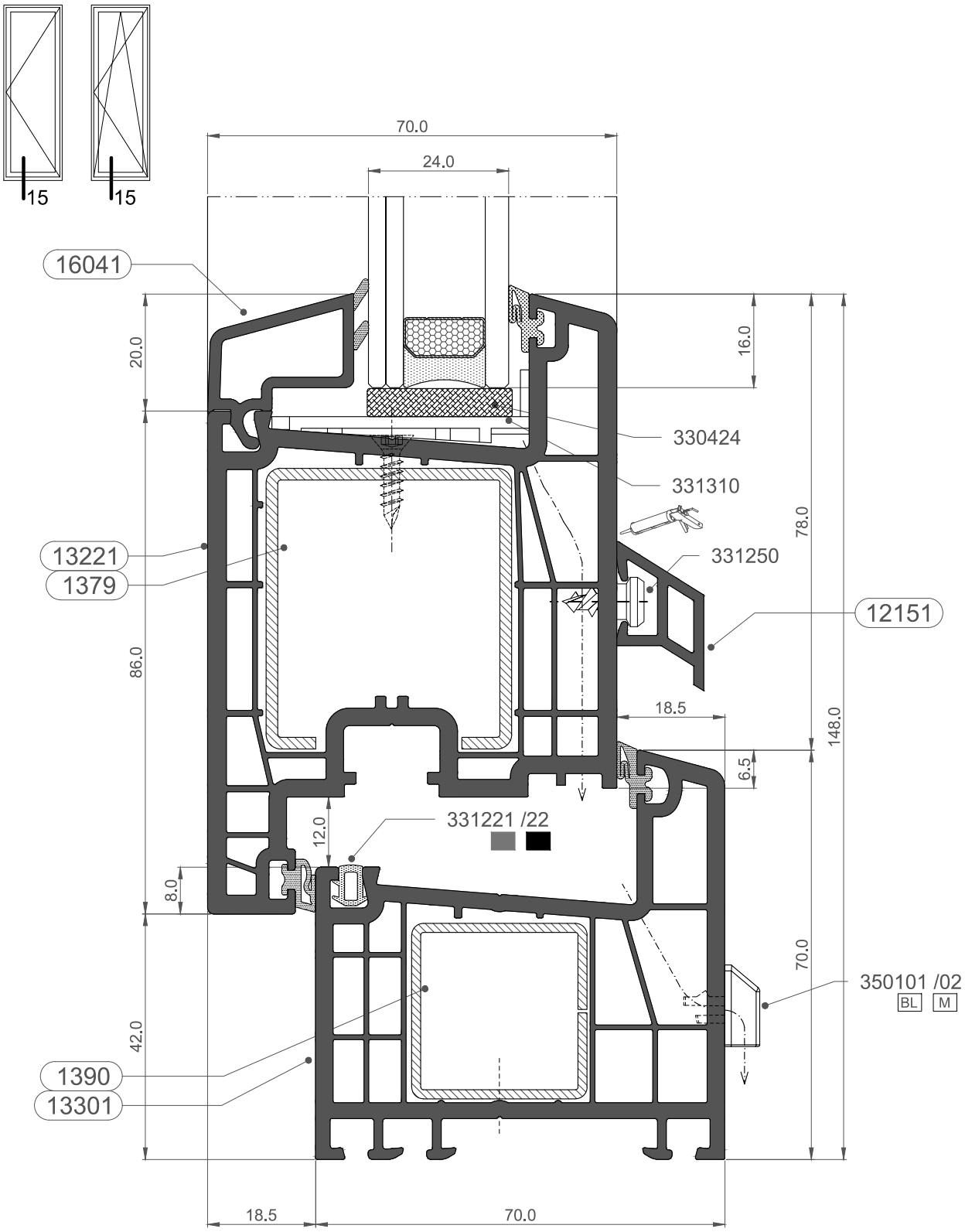


(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

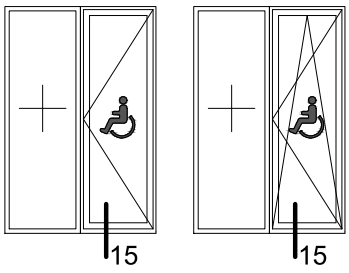
NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)

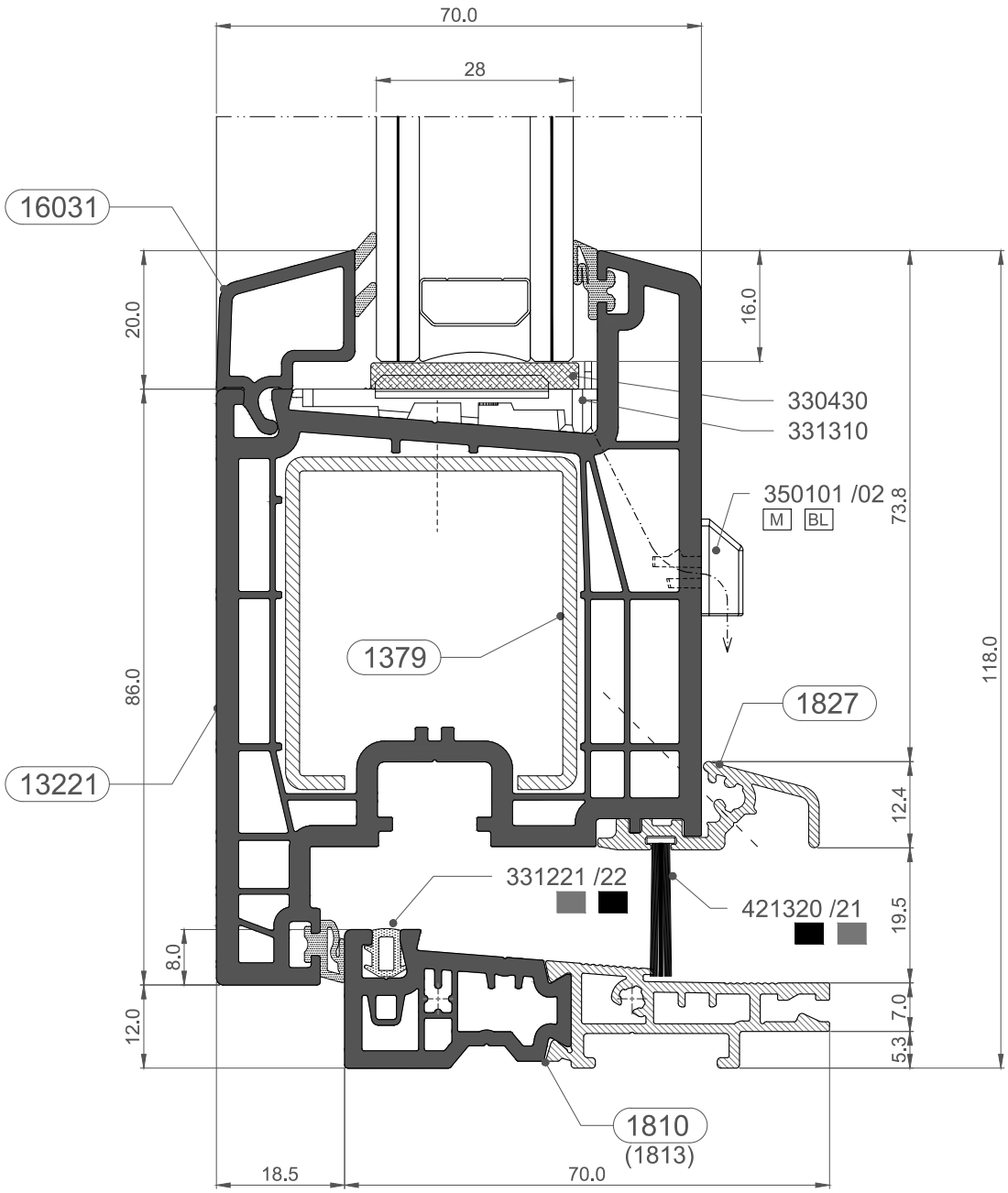

1:1
13
Ix = 6,59 cm4
70.0
16.0
106.0
140.0
20.0
78.0
13261
1383
18.5
6.5
16.0
13341
1595
8.0
18.5
62.0
212
34.0
2
12431
(*)
50.0
1390
13301
16041
16.0
20.0
24.0
70.0

1:1

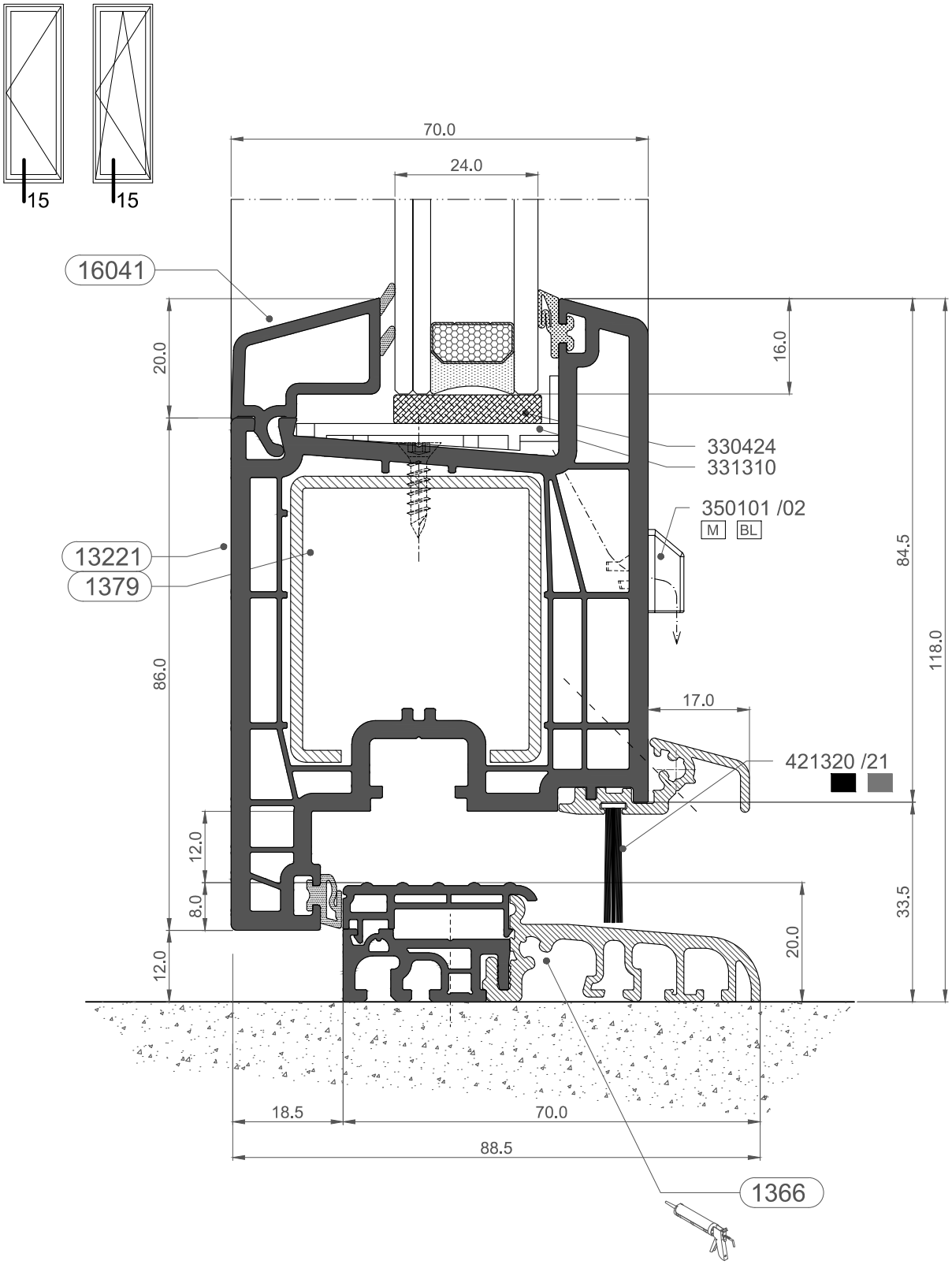

15
15
70.0
24.0
16041
20.0
16.0
330424
331310
78.0
13221
1379
331250
12151
86.0
18.5
148.0
6.5
331221 /22
12.0
8.0
70.0
350101 /02
BL M
42.0
1390
13301
18.5
70.0

1:1

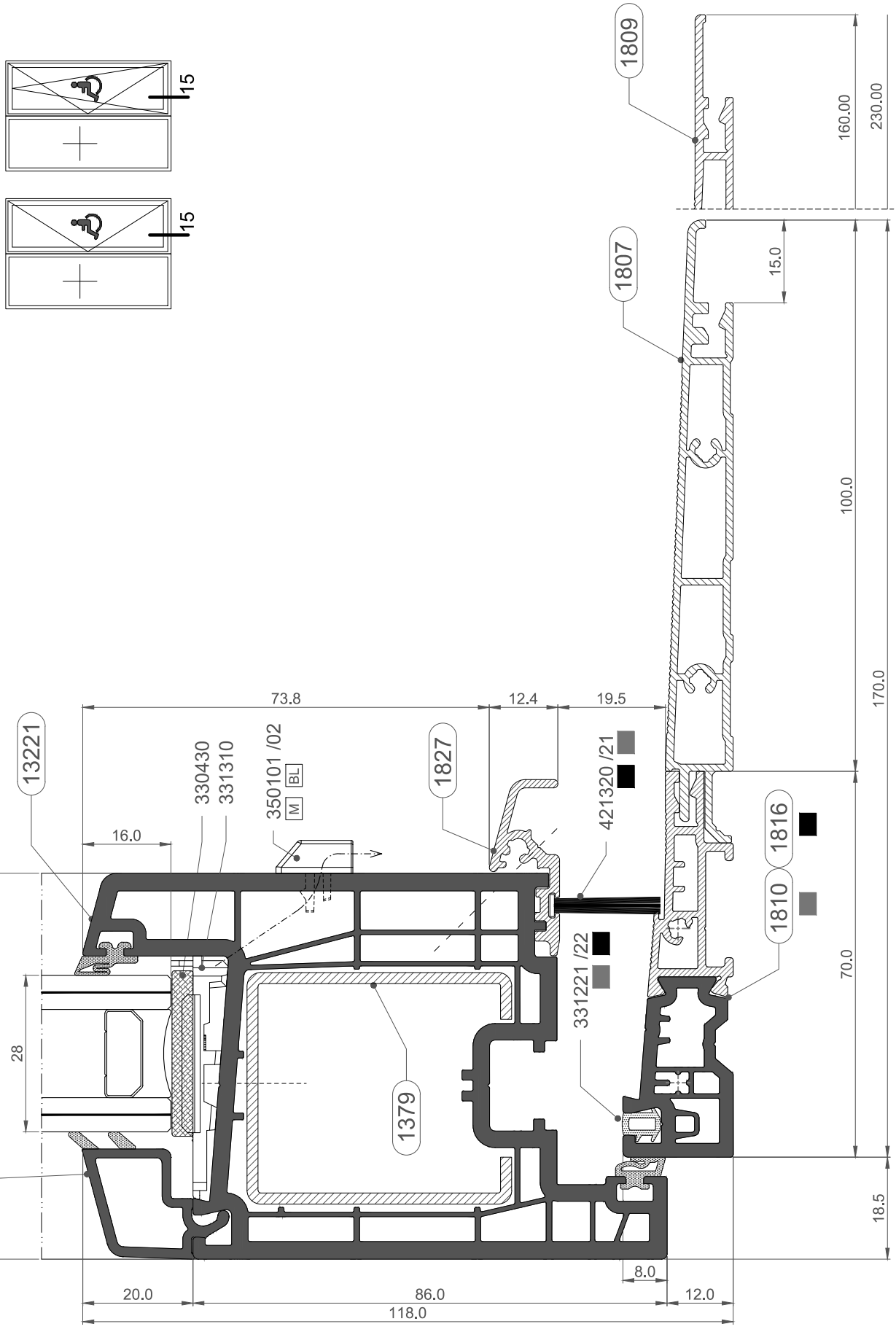

15
15


70.0
28
16031
20.0
16.0
330430
331310
350101 /02
M
BL
73.8
1379
86.0
118.0
1827
13221
12.4
331221 /22
421320 /21
19.5
8.0
12.0
7.0
5.3
1810
(1813)
18.5
70.0

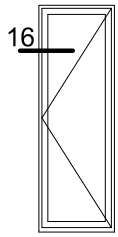
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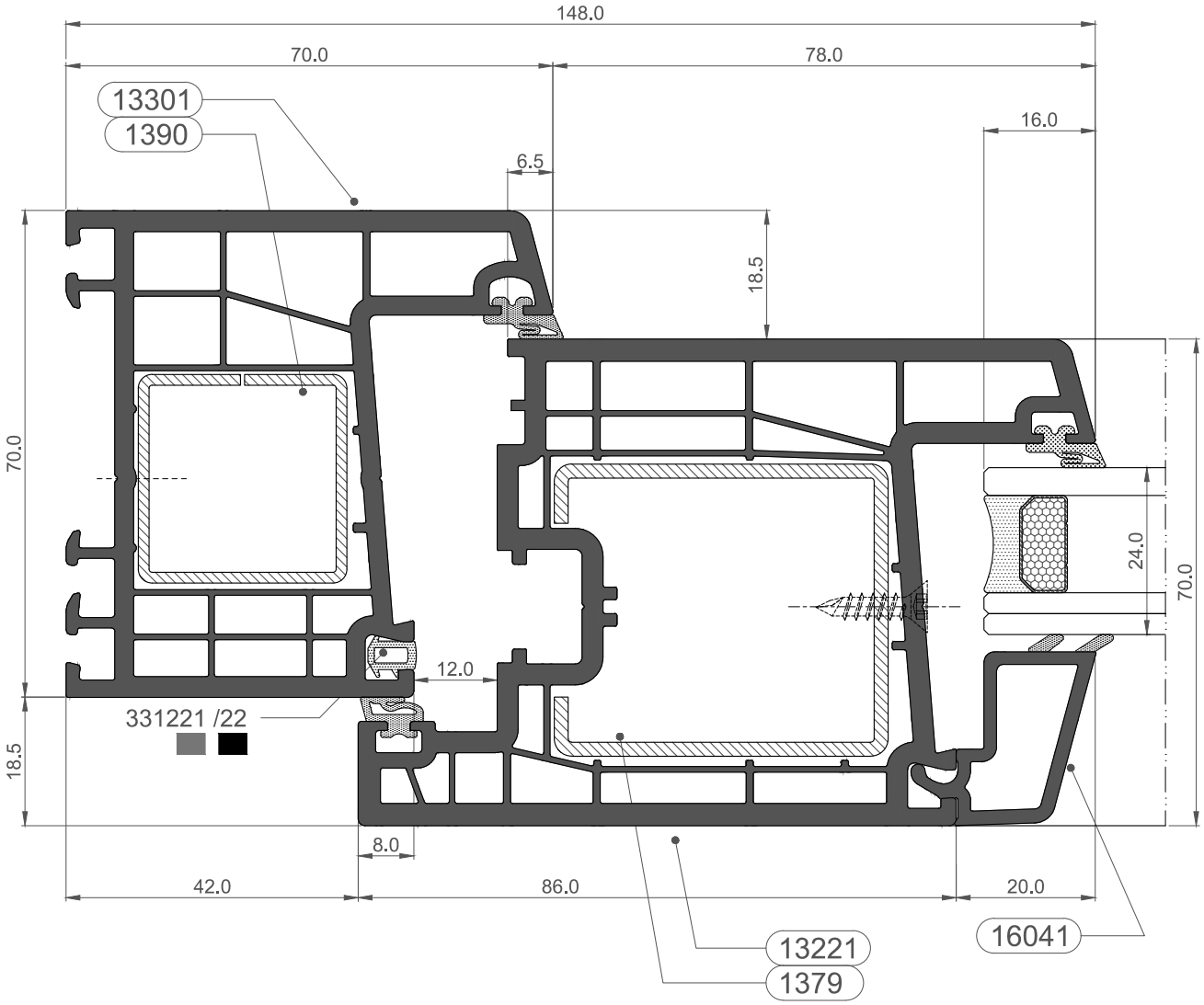

15
15
70.0
24.0
16041
20.0
16.0
330424
331310
350101 /02
M
BL
13221
1379
86.0
84.5
118.0
17.0
421320 /21
12.0
8.0
12.0
33.5
20.0
18.5
70.0
88.5
1366

1:1


15
15
1809
160.00
230.00
1807
15.0
100.0
170.0
73.8
12.4
19.5
13221
330430
331310
350101 /02
M
BL
1827
421320 /21
16.0
1816
1810
331221 /22
70.0
28
70.0
1379
18.5
16031
8.0
20.0
86.0
12.0
118.0

1:1

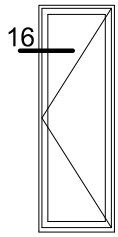

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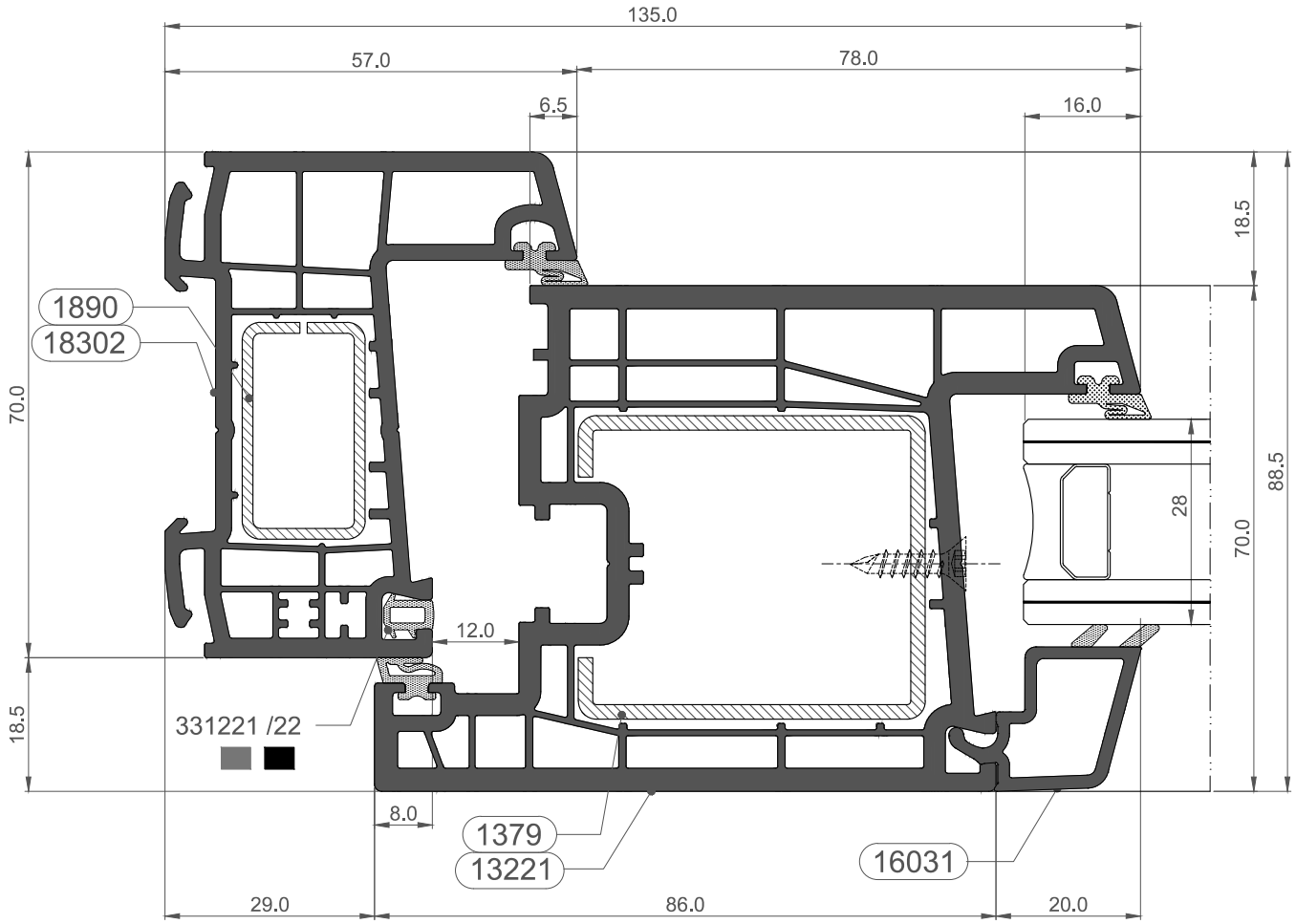

148.0
70.0
78.0
13301
1390
16.0
6.5
18.5
70.0
24.0
70.0
12.0
331221 /22
18.5
8.0
42.0
86.0
20.0
13221
1379
16041

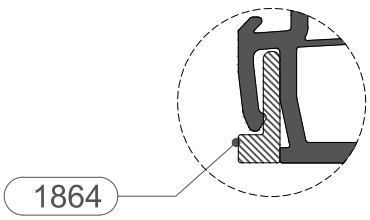
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

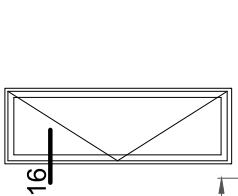
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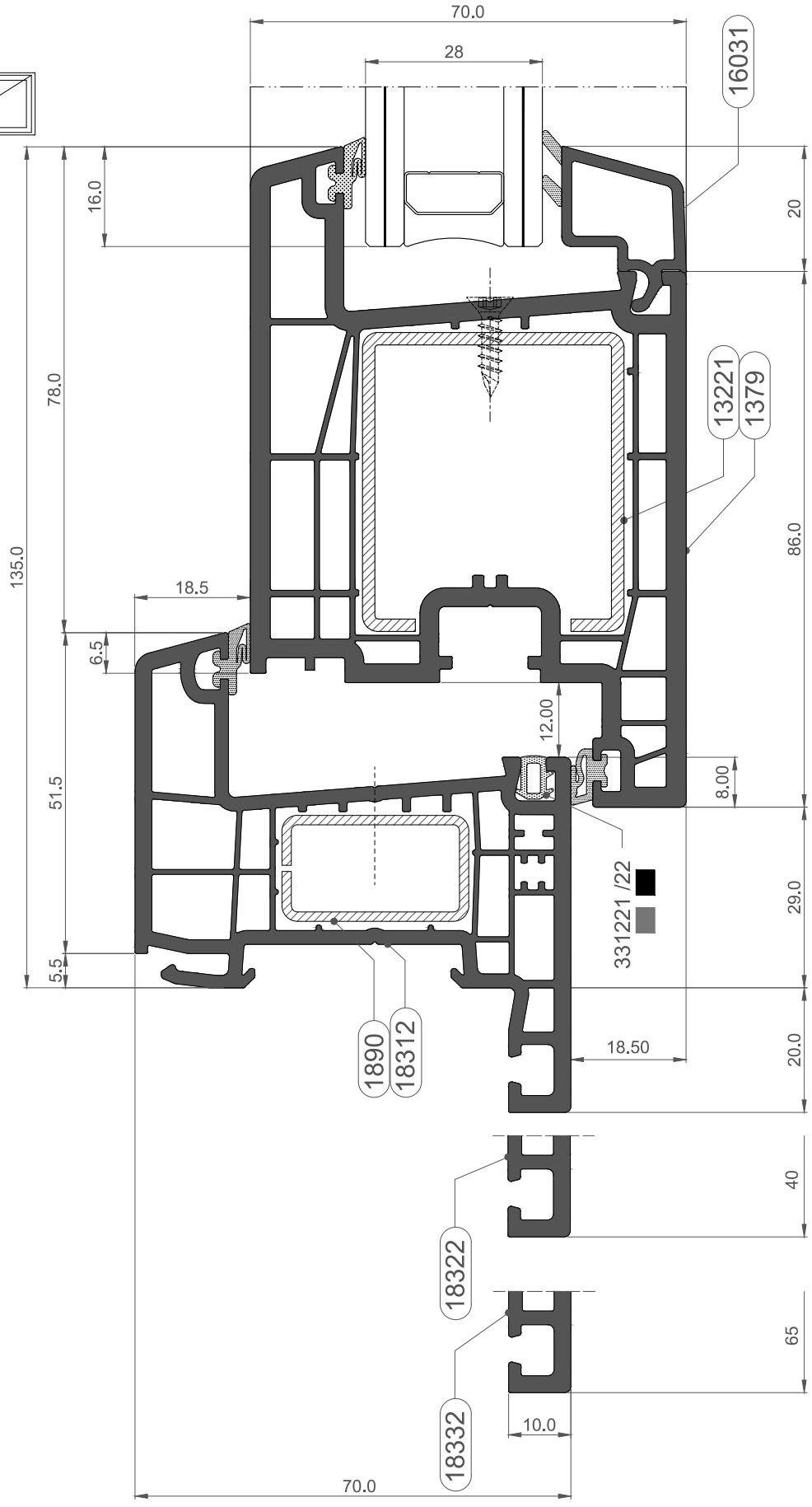




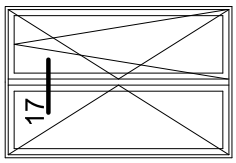


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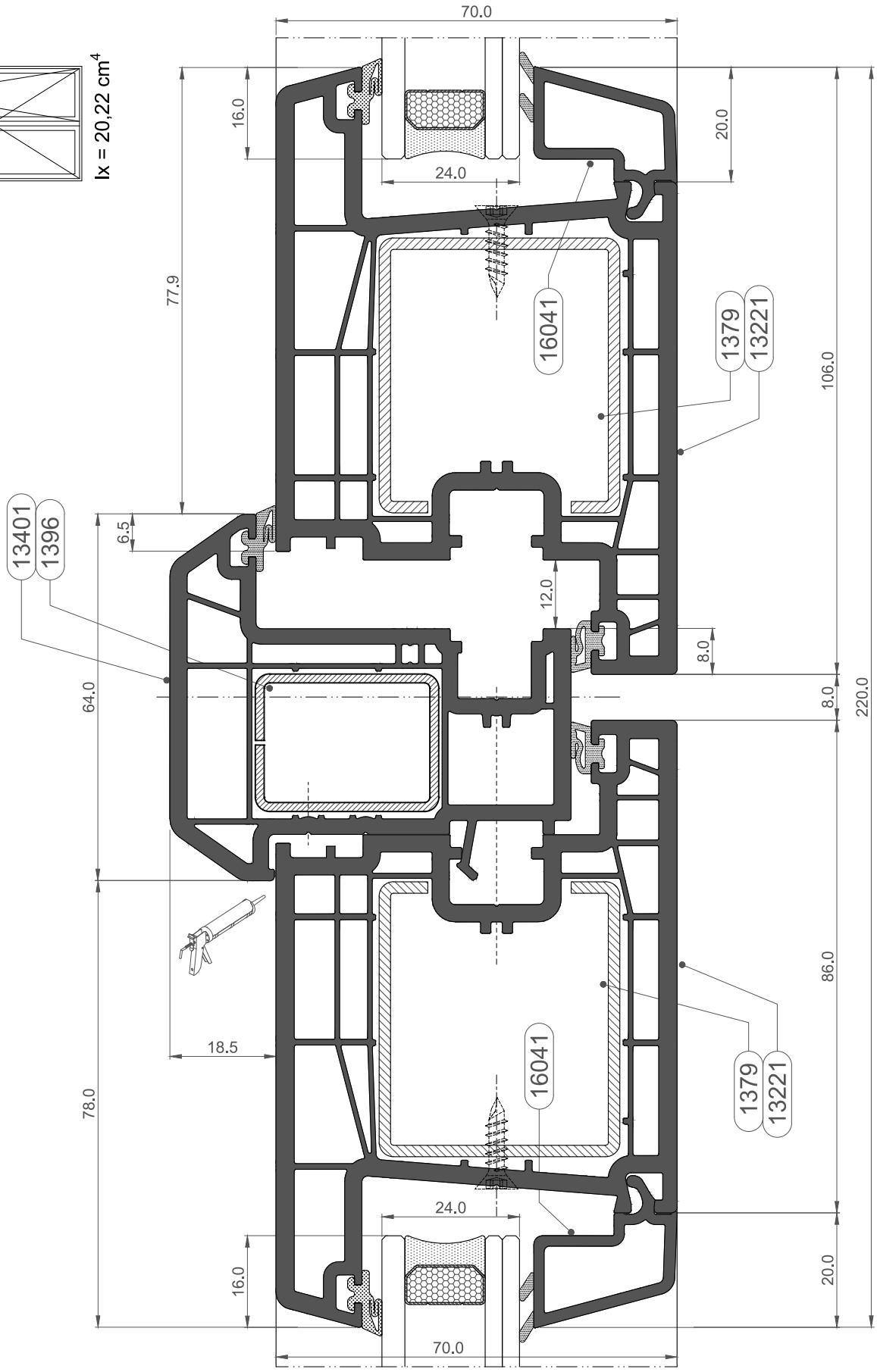

16

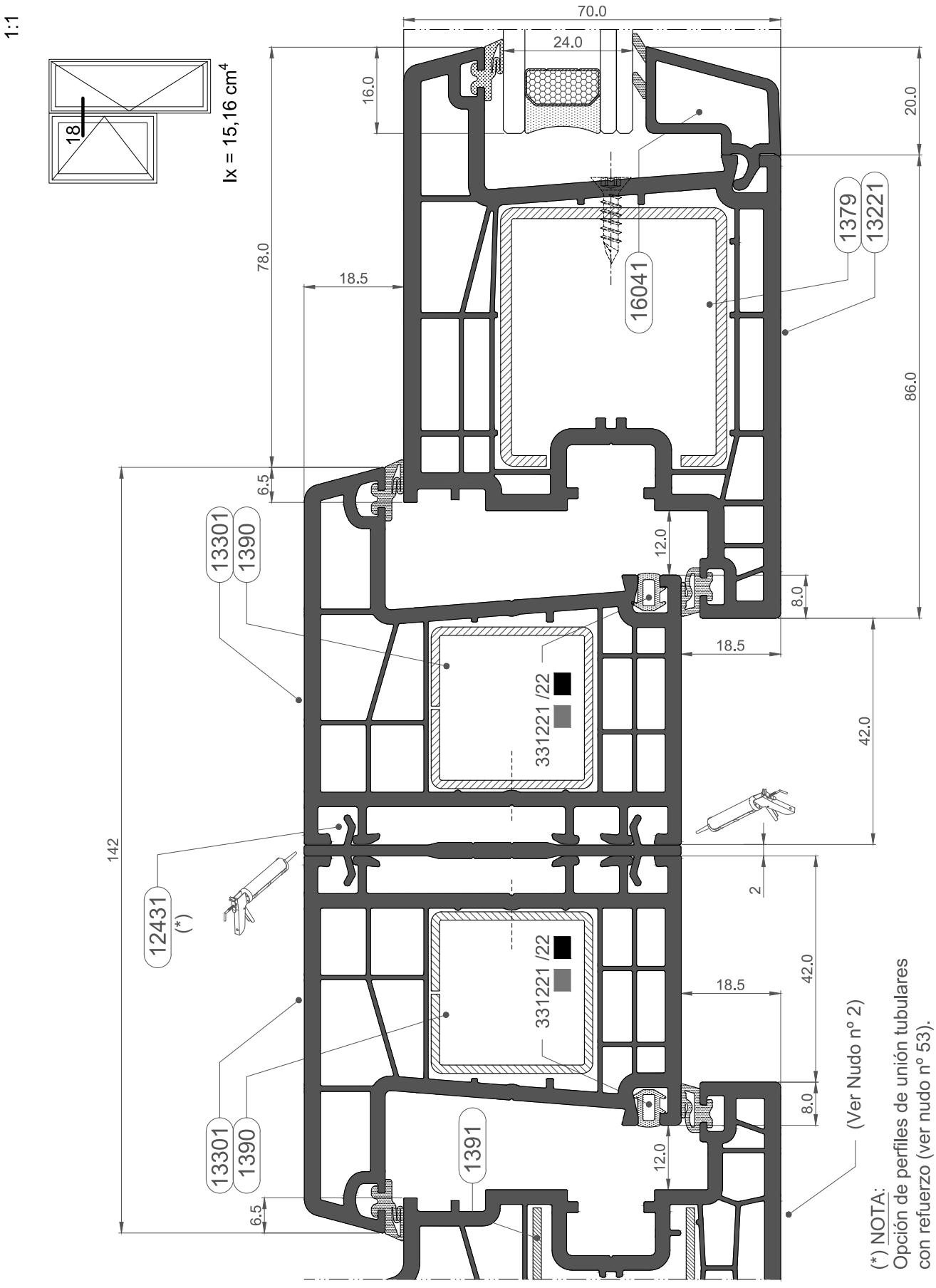

70.0
28
16031
16.0
20
78.0
135.0
13221
1379
86.0
18.5
6.5
12.00
8.00
51.5
331221 /22
29.0
5.5
1890
18312
18.50
20.0
40
18322
65
18332
10.0
70.0

1:1

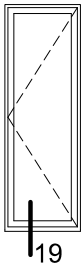


Ix = 20,22 cm^4



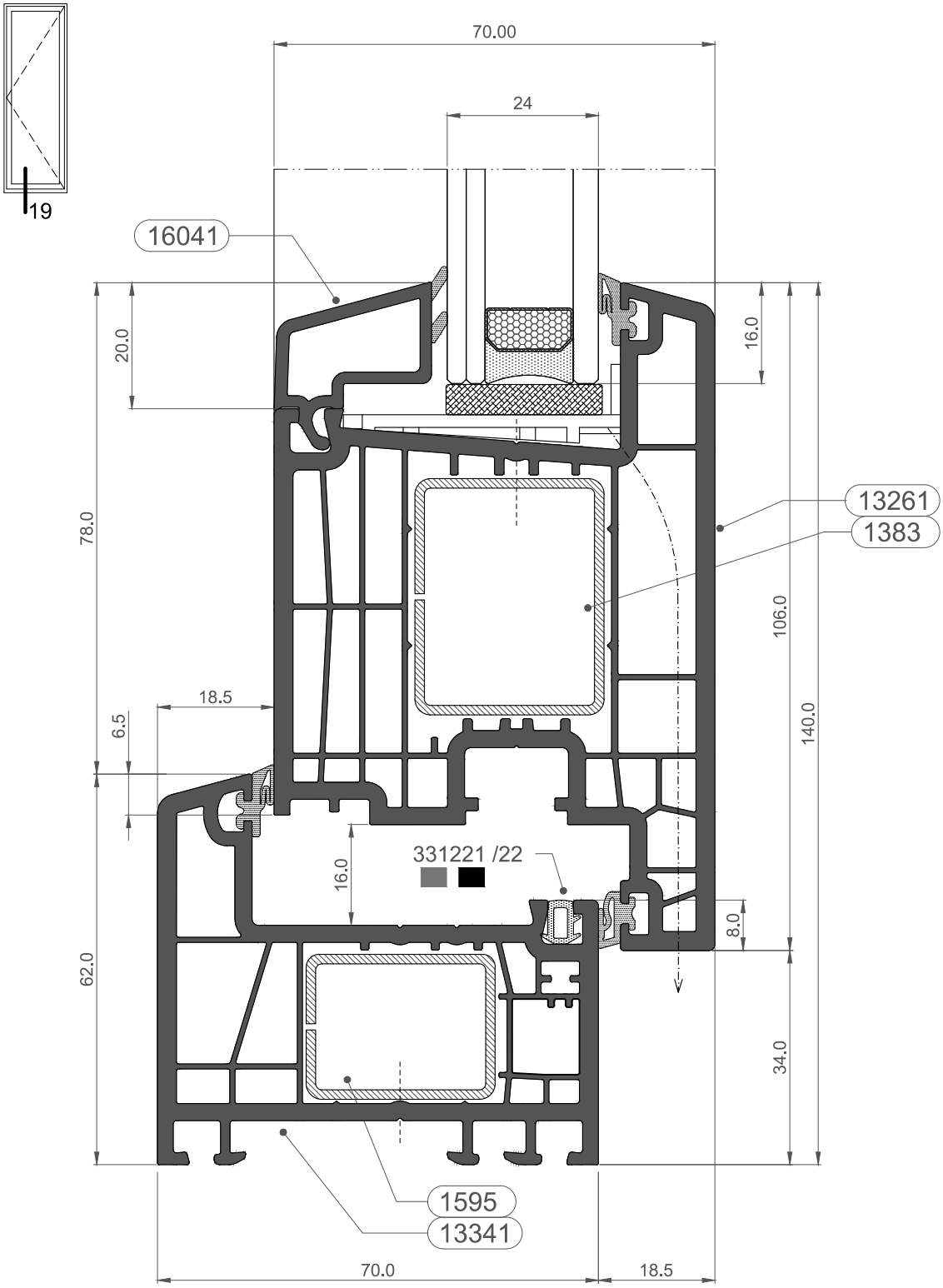

1:1
18
Ix = 15,16 cm4
70.0
24.0
16.0
20.0
78.0
18.5
16041
1379
13221
86.0
6.5
13301
1390
12.0
8.0
18.5
331221 /22
42.0
142
12431
(*)
2
42.0
18.5
331221 /22
8.0
1391
12.0
13301
1390
6.5
(Ver Nudo nº 2)
(*) NOTA:
Opción de perfiles de unión tubulares
con refuerzo (ver nudo nº 53).

1:1

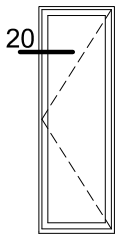

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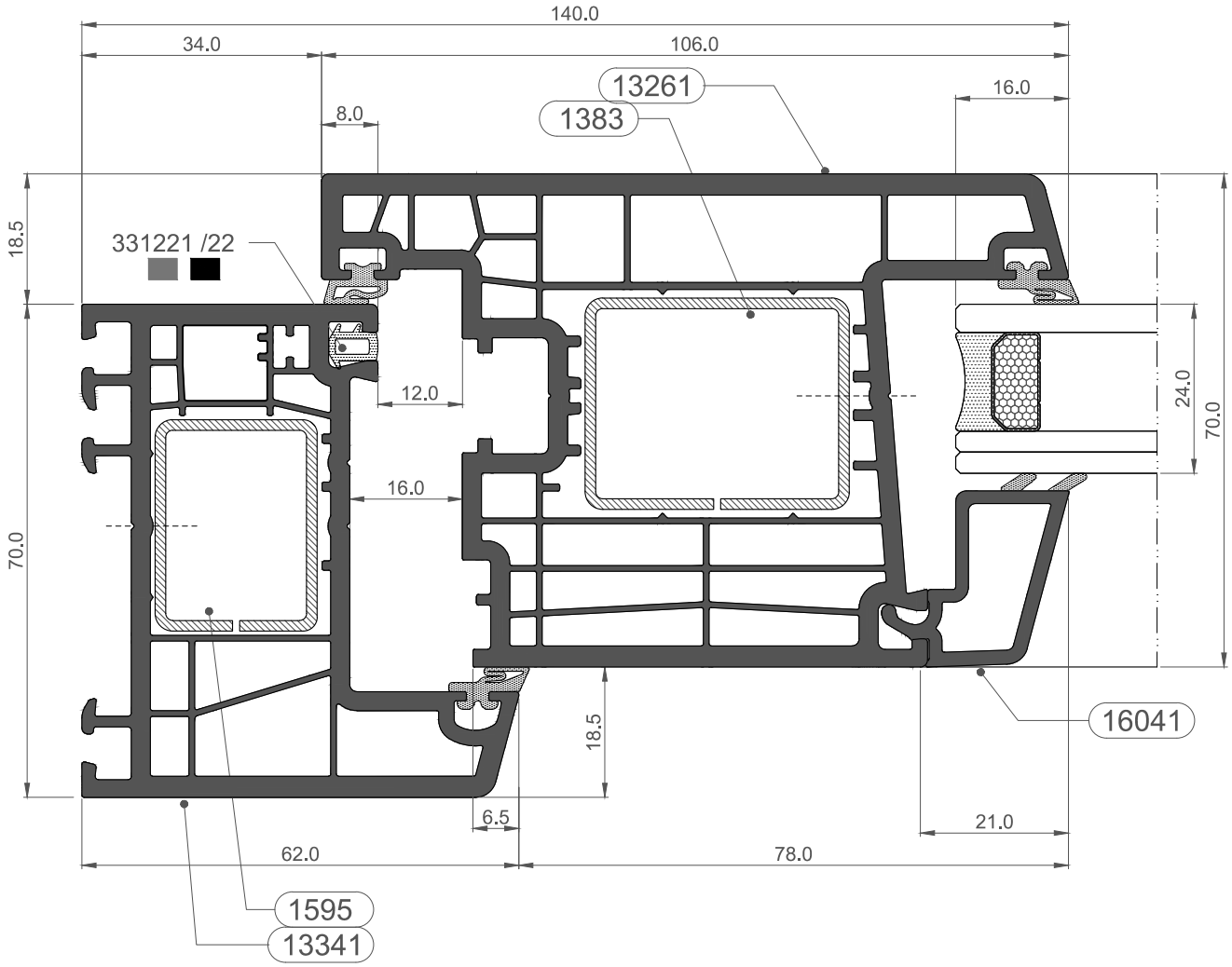
70.00
28
16031
20.00
16.00
330430
331310
13261
1383
86.00
106.00
118.00
17.0
1827
1814
421322 /23
331221 /22
16.0
31.5
8.00
12.00
1816
1810
72.0
18.5
90.5

1:1

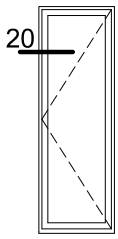

19
70.00
24
16041
20.0
16.0
78.0
13261
1383
106.0
140.0
18.5
6.5
331221 /22
16.0
8.0
62.0
34.0
1595
13341
70.0
18.5

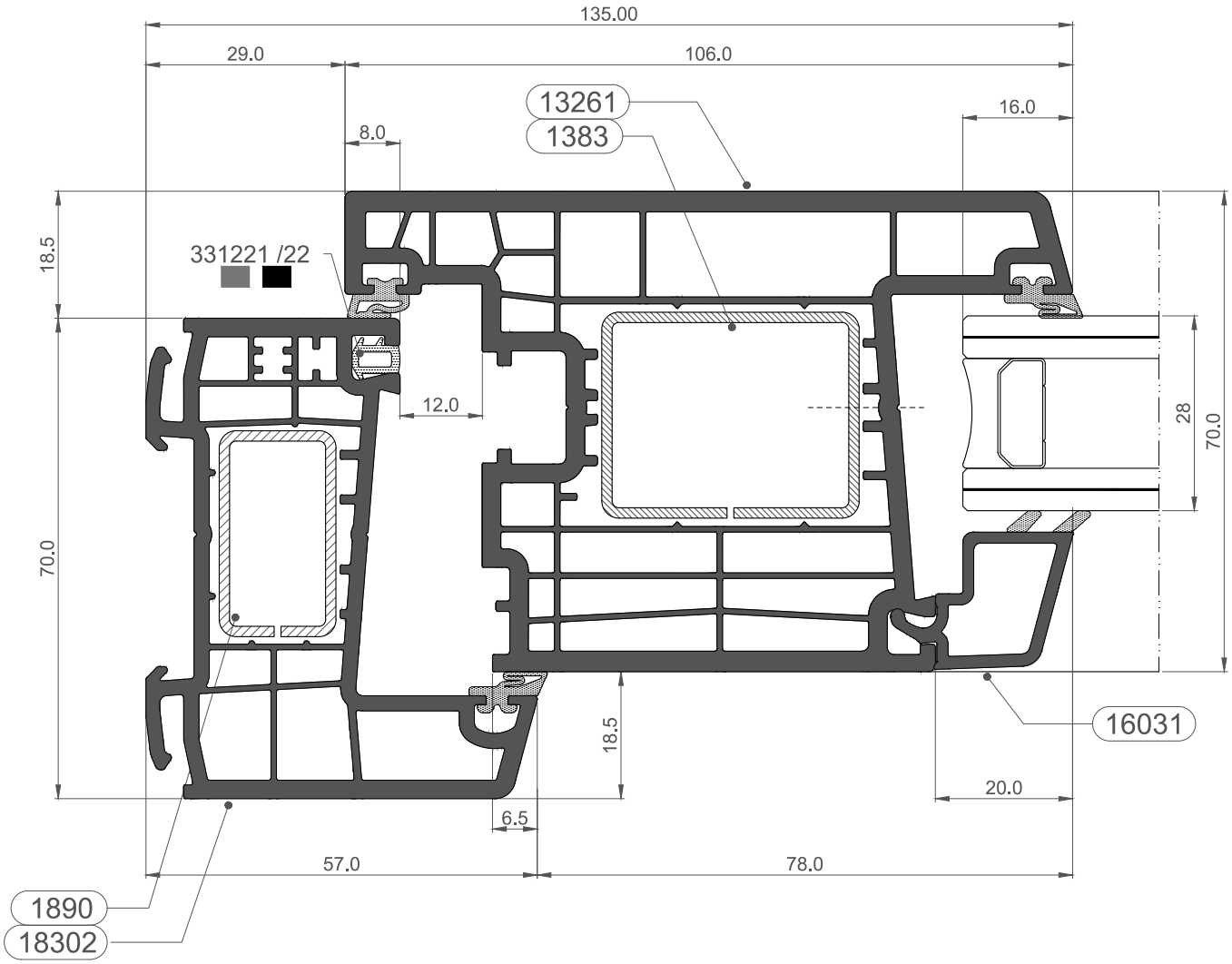
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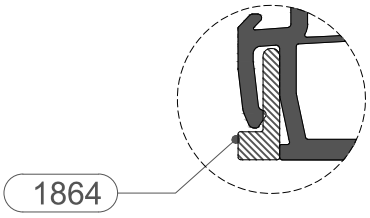

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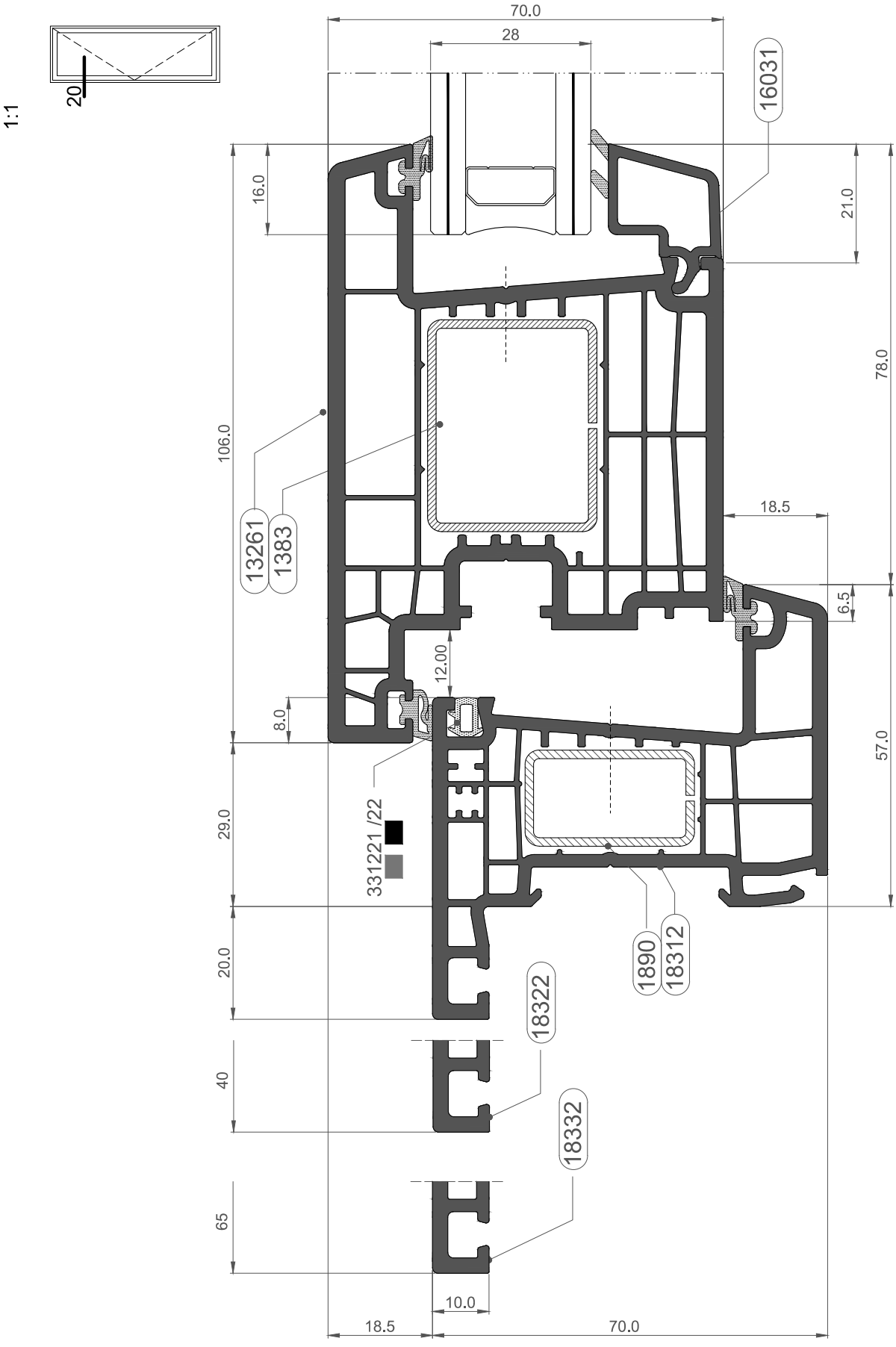

140.0
34.0
106.0
13261
1383
16.0
8.0
18.5
331221 /22
12.0
24.0
70.0
16.0
70.0
16041
18.5
6.5
21.0
62.0
78.0
1595
13341

1:1

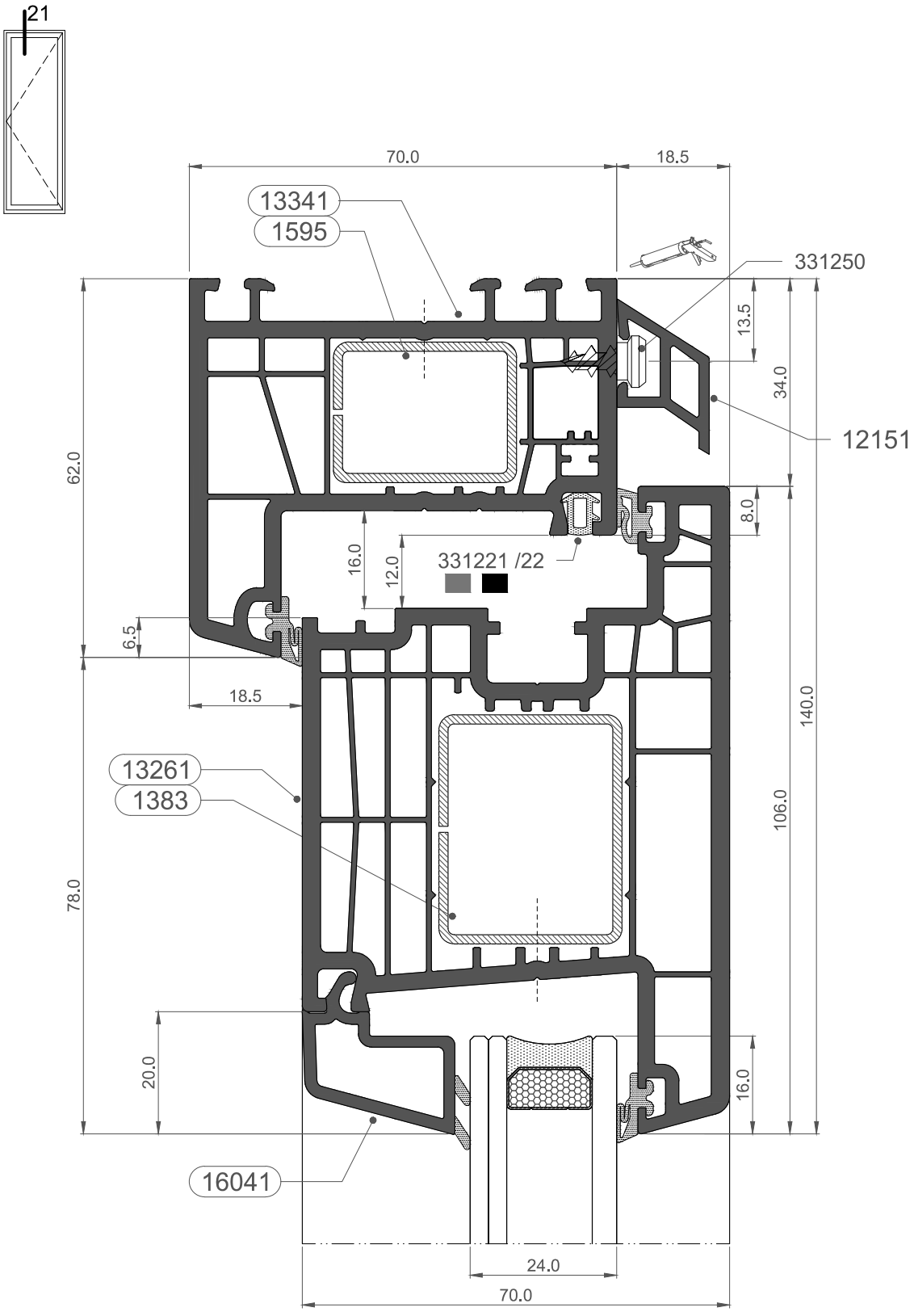

20


135.00
29.0
106.0
13261
1383
16.0
8.0
18.5
331221 /22
12.0
28
70.0
70.0
16031
18.5
20.0
6.5
57.0
78.0
1890
18302


1864


1:1
20
70.0
28
16031
16.0
21.0
78.0
106.0
13261
1383
18.5
6.5
12.00
8.0
57.0
29.0
331221 /22
1890
18312
20.0
18322
40
18332
65
10.0
18.5
70.0

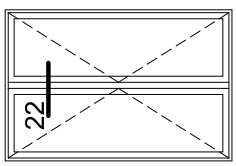
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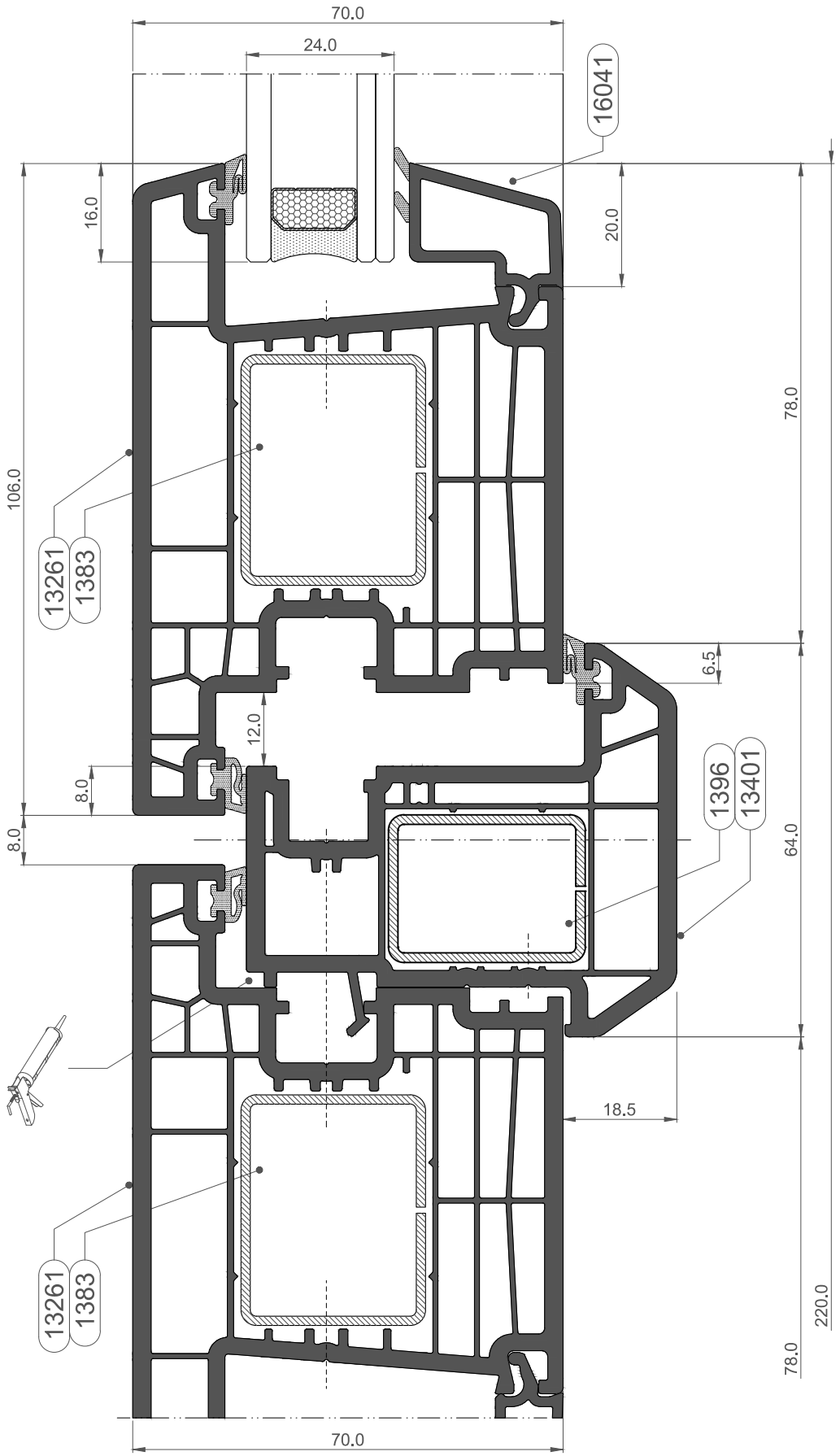

21
70.0
18.5
13341
1595
331250
13.5
34.0
12151
62.0
8.0
16.0
12.0
331221 /22
6.5
18.5
140.0
13261
1383
106.0
78.0
20.0
16.0
16041
24.0
70.0

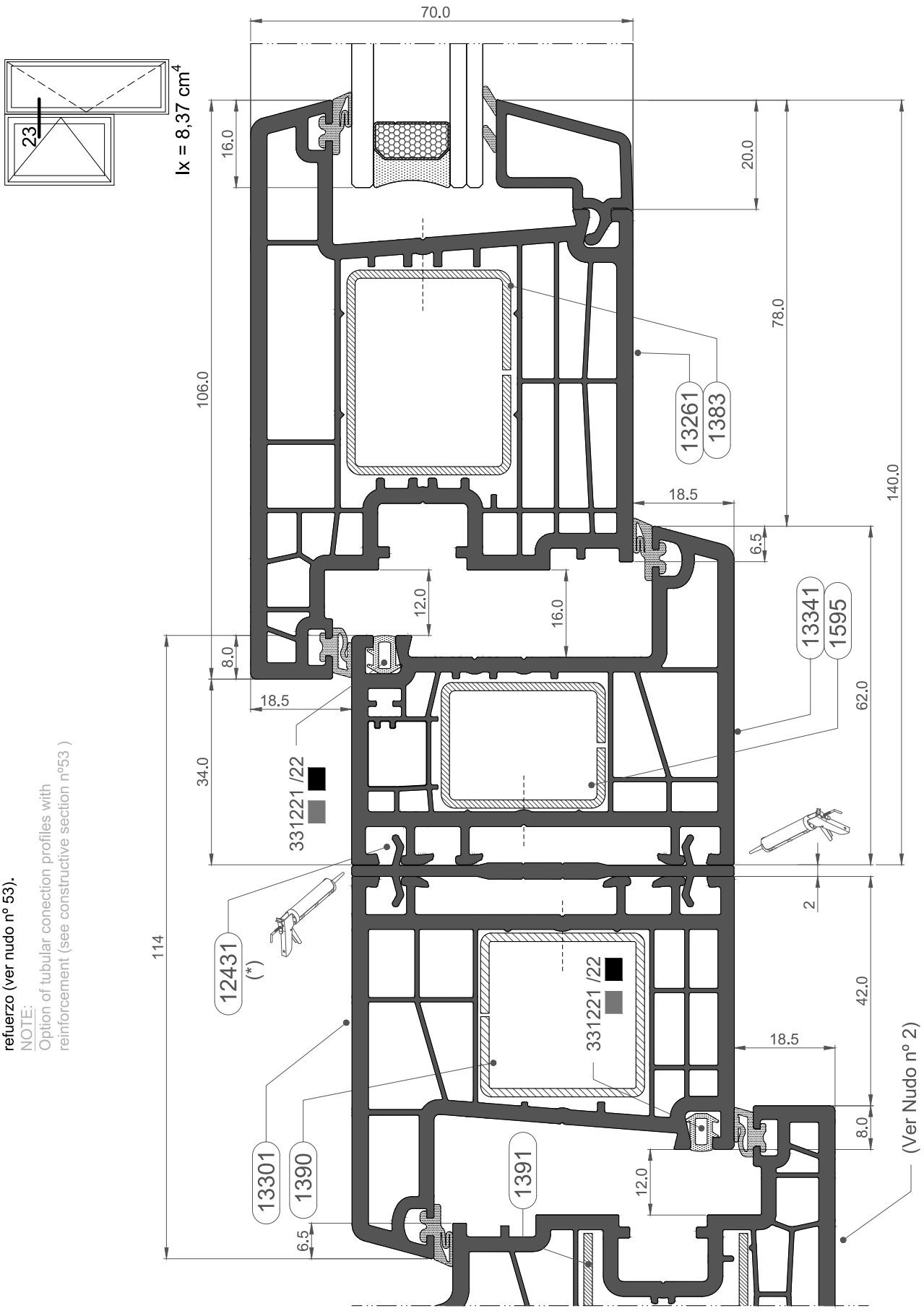
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

1:1

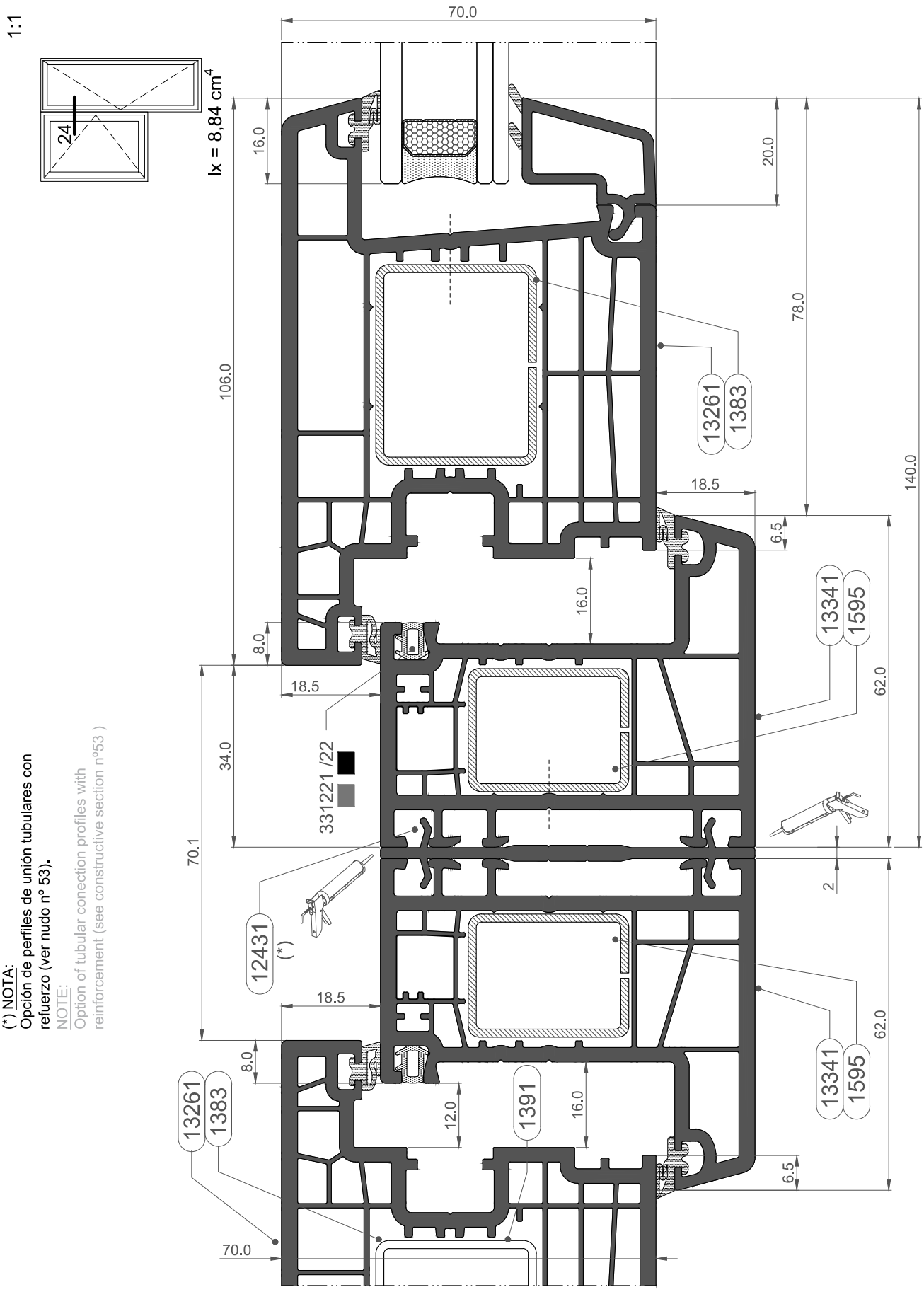






(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

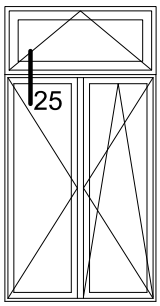
NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)



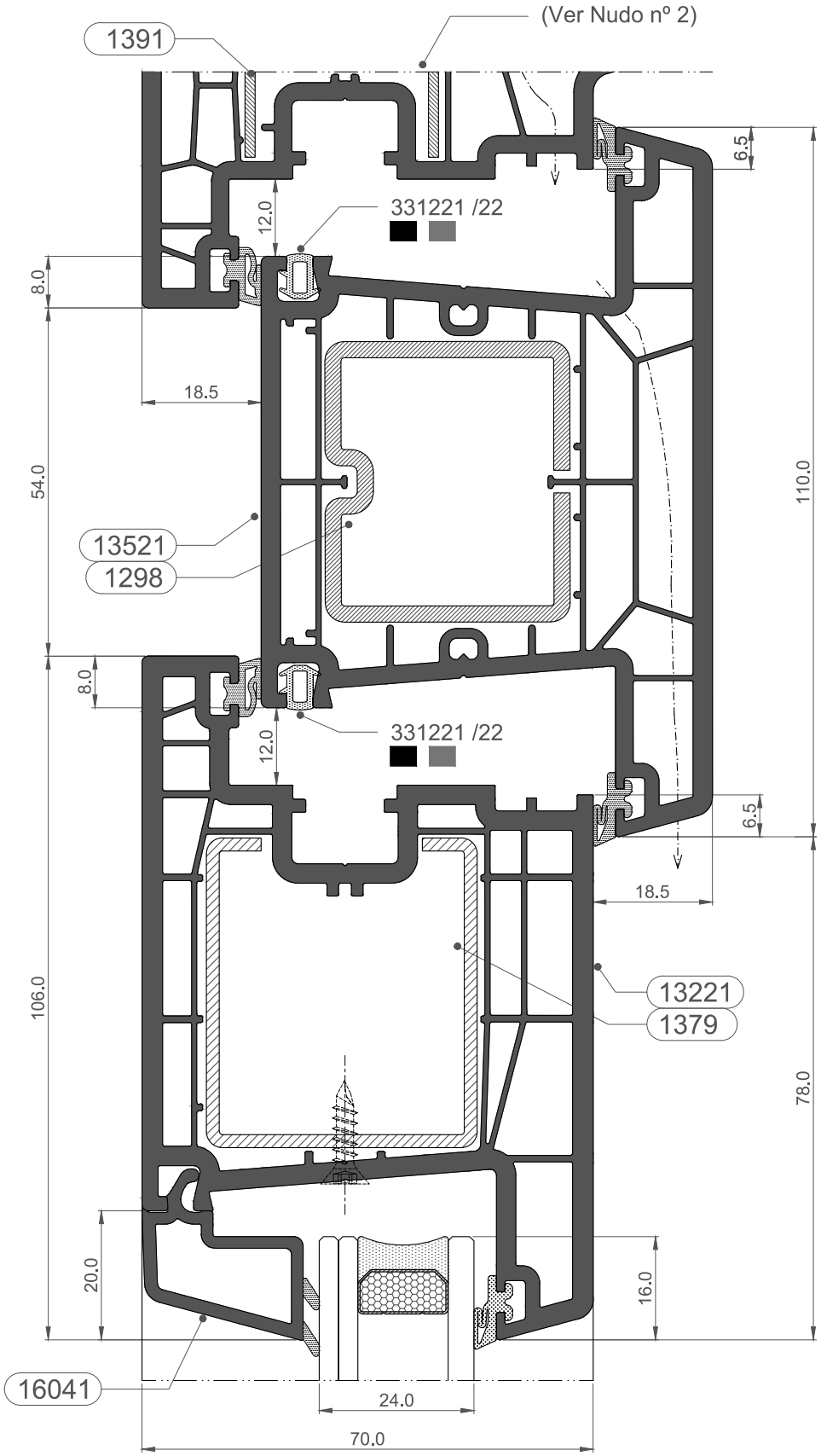
(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)

1:1



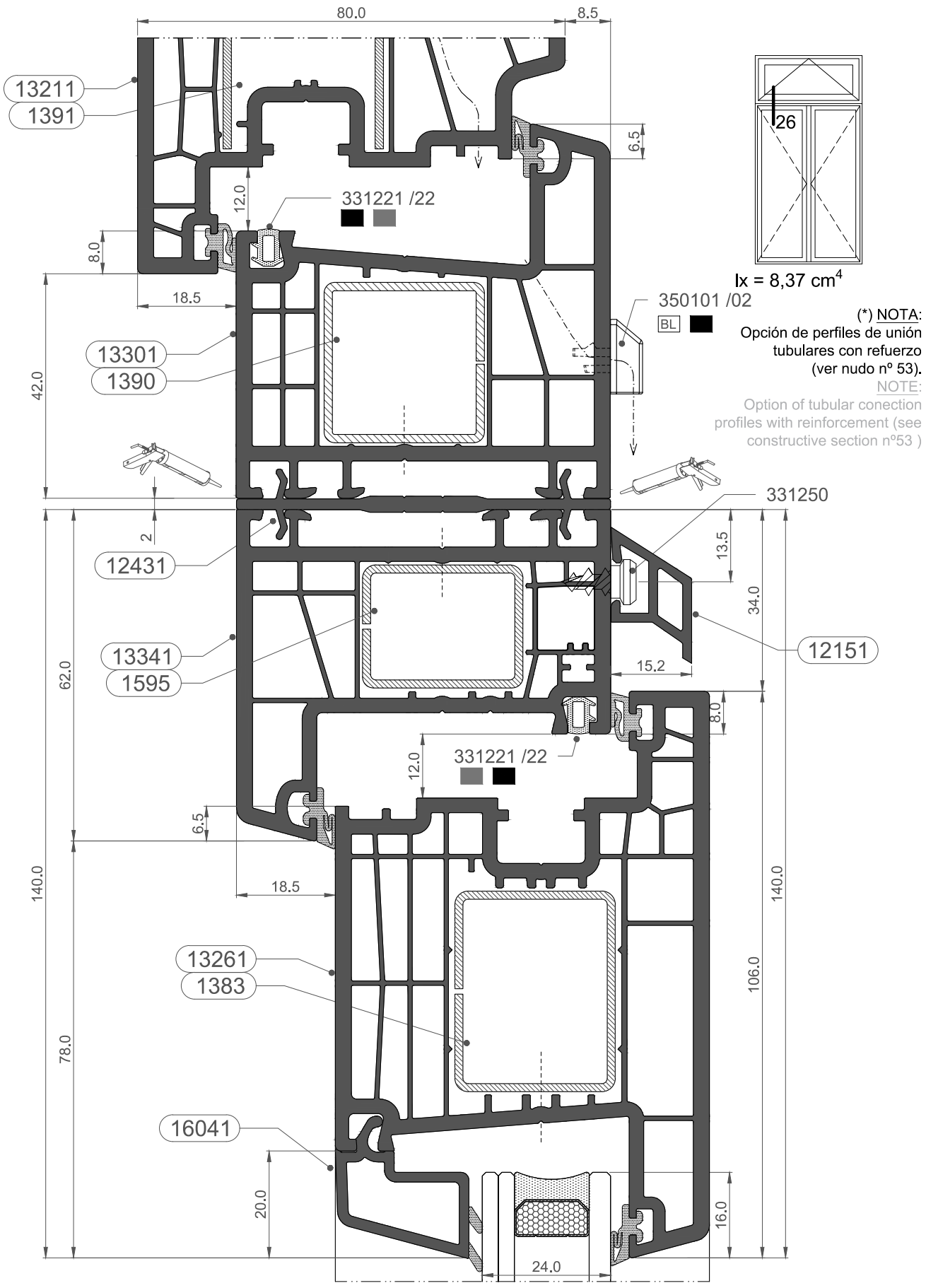
Ix = 18,77 cm^4



SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

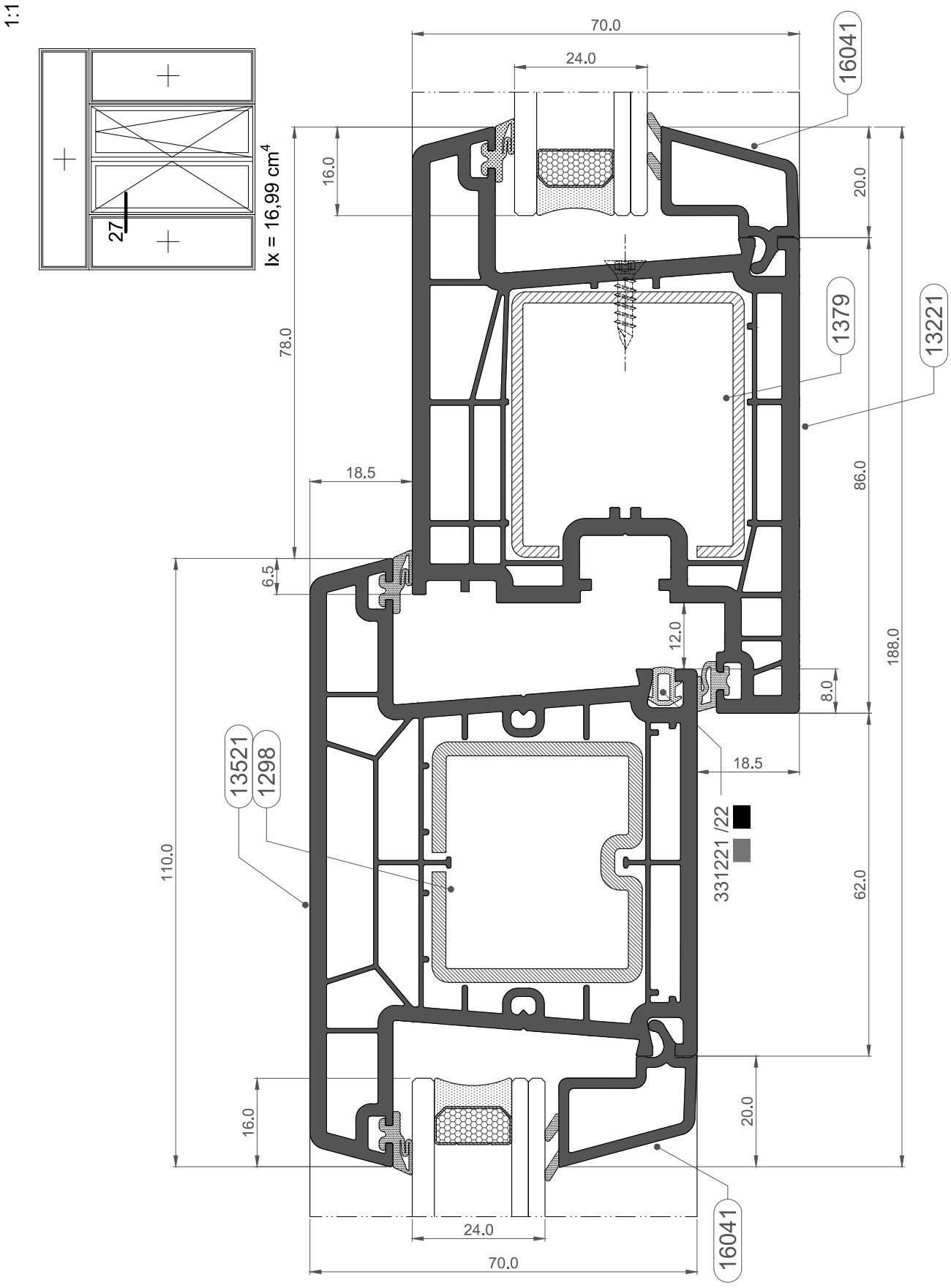
PVC SYSTEM A 70 HINGED
Constructives sections

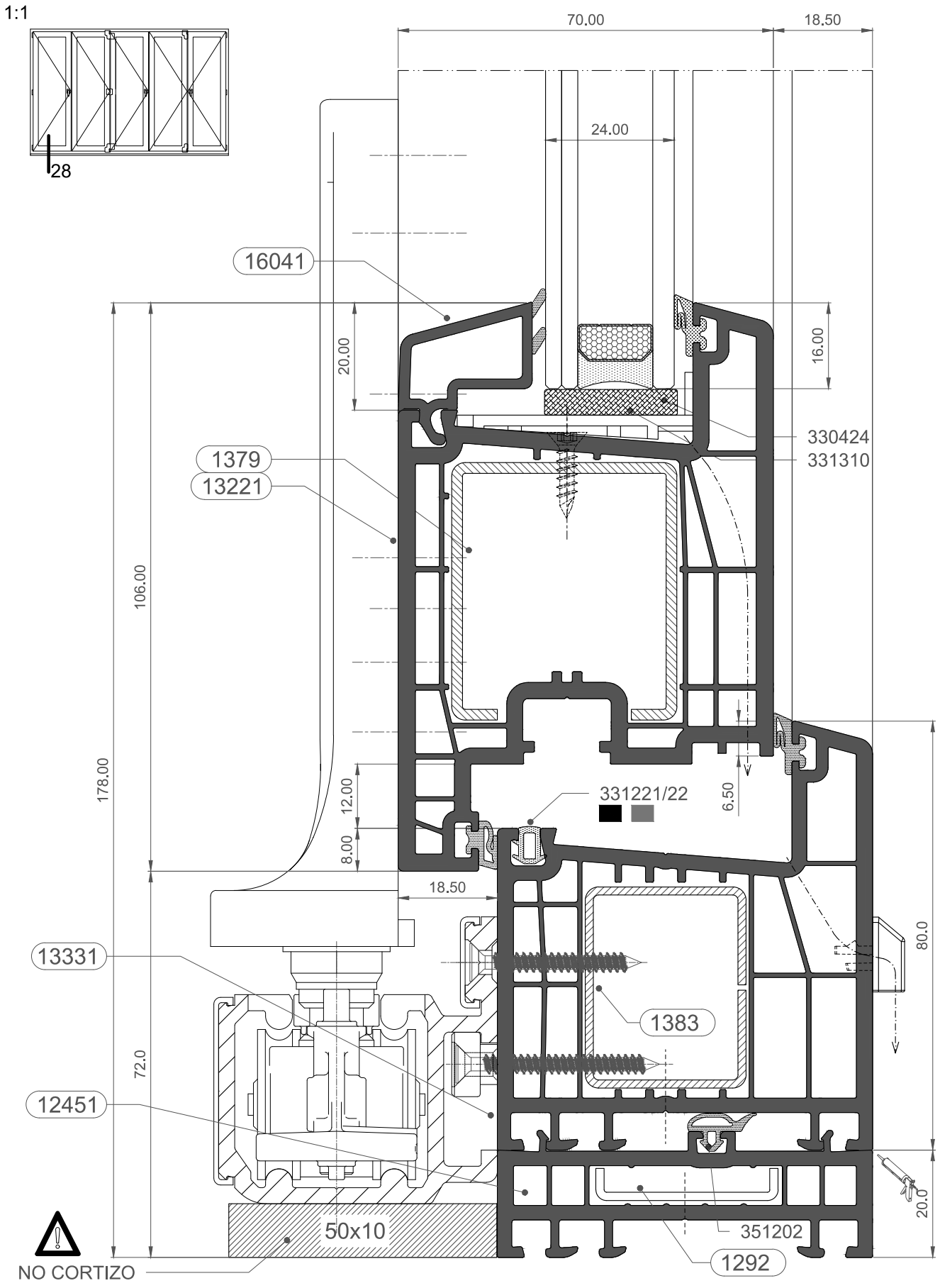
1:1



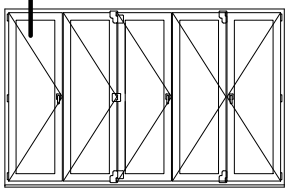
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

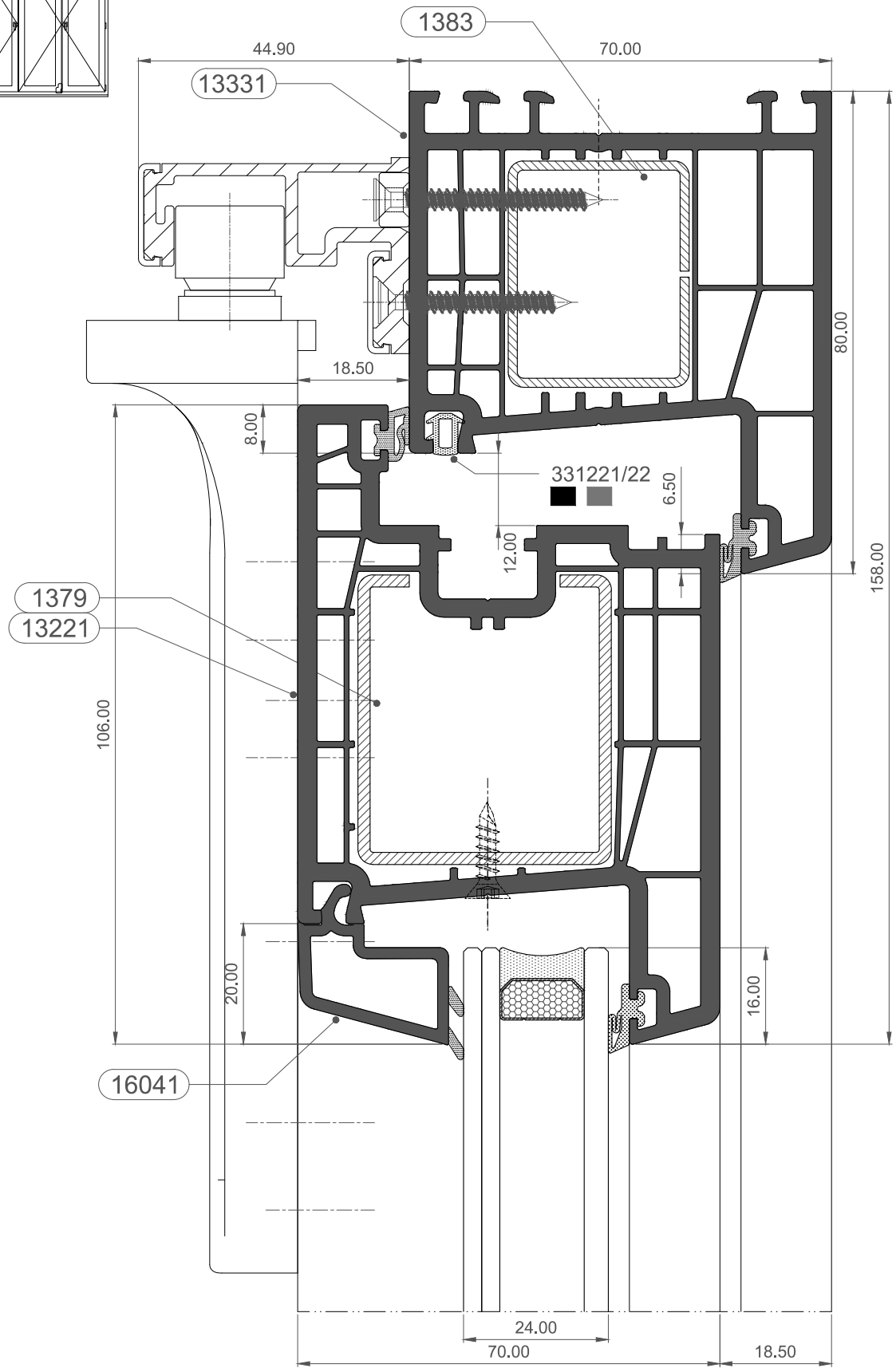
PVC SYSTEM A 70 HINGED
Constructives sections



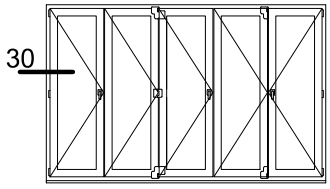

1:1
28
70.00
18.50
24.00
16041
20.00
16.00
330424
331310
1379
13221
106.00
178.00
331221/22
6.50
12.00
8.00
18.50
80.0
13331
1383
72.0
12451
50x10
351202
20.0
1292
NO CORTIZO

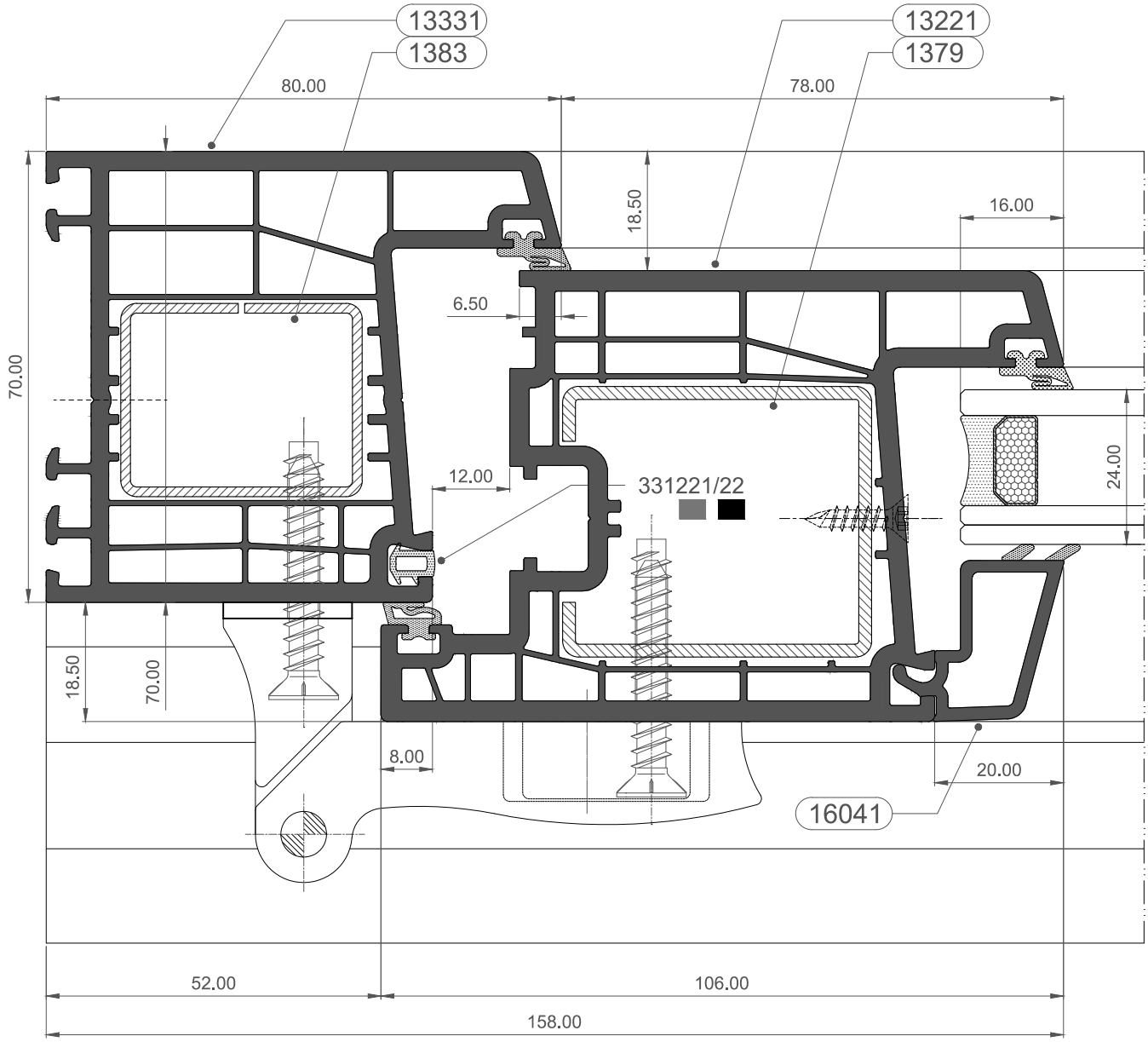
1:1 29




1383
44.90
70.00
13331
80.00
18.50
8.00
331221/22
6.50
12.00
158.00
1379
13221
106.00
20.00
16.00
16041
24.00
70.00
18.50

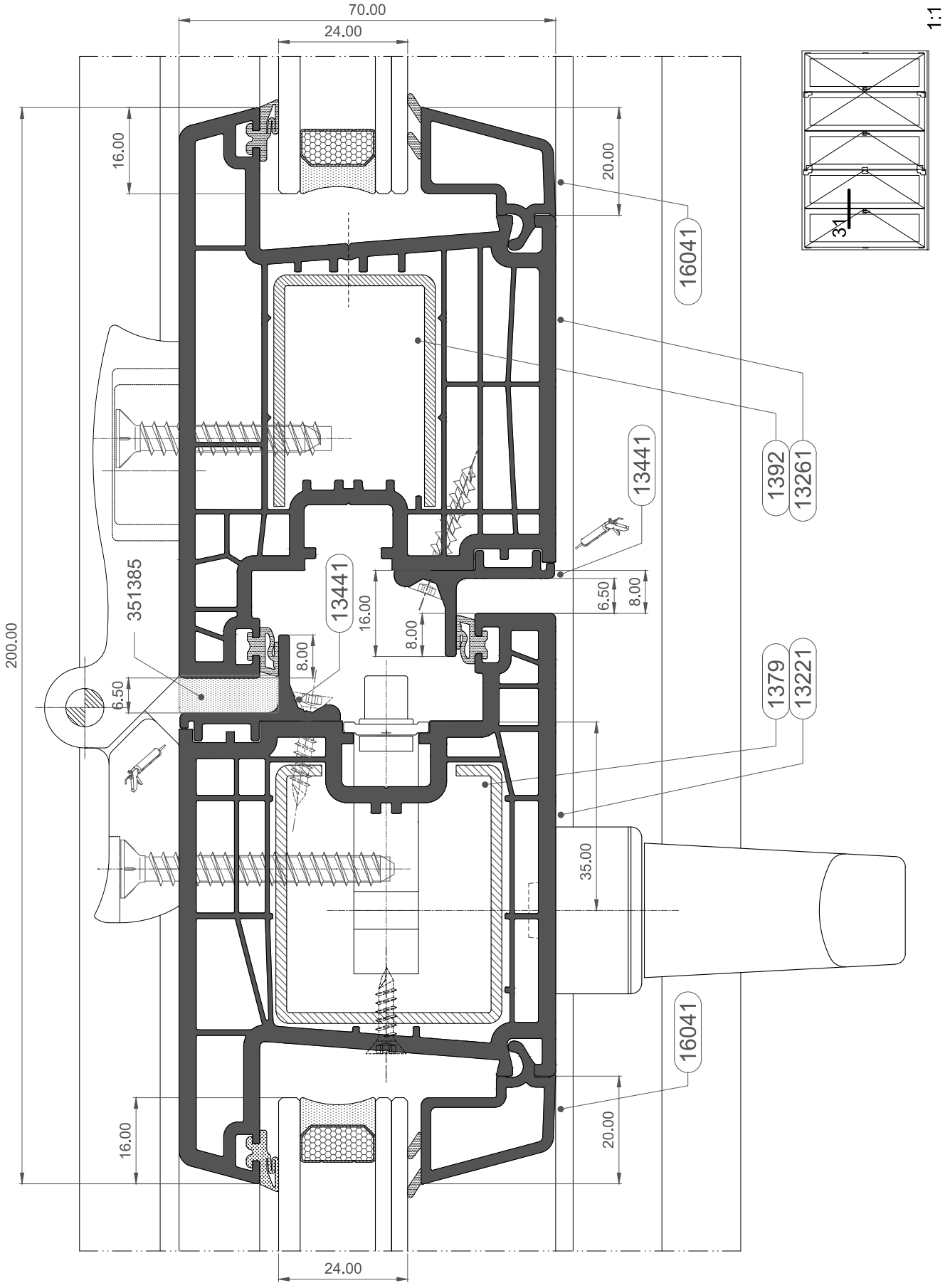
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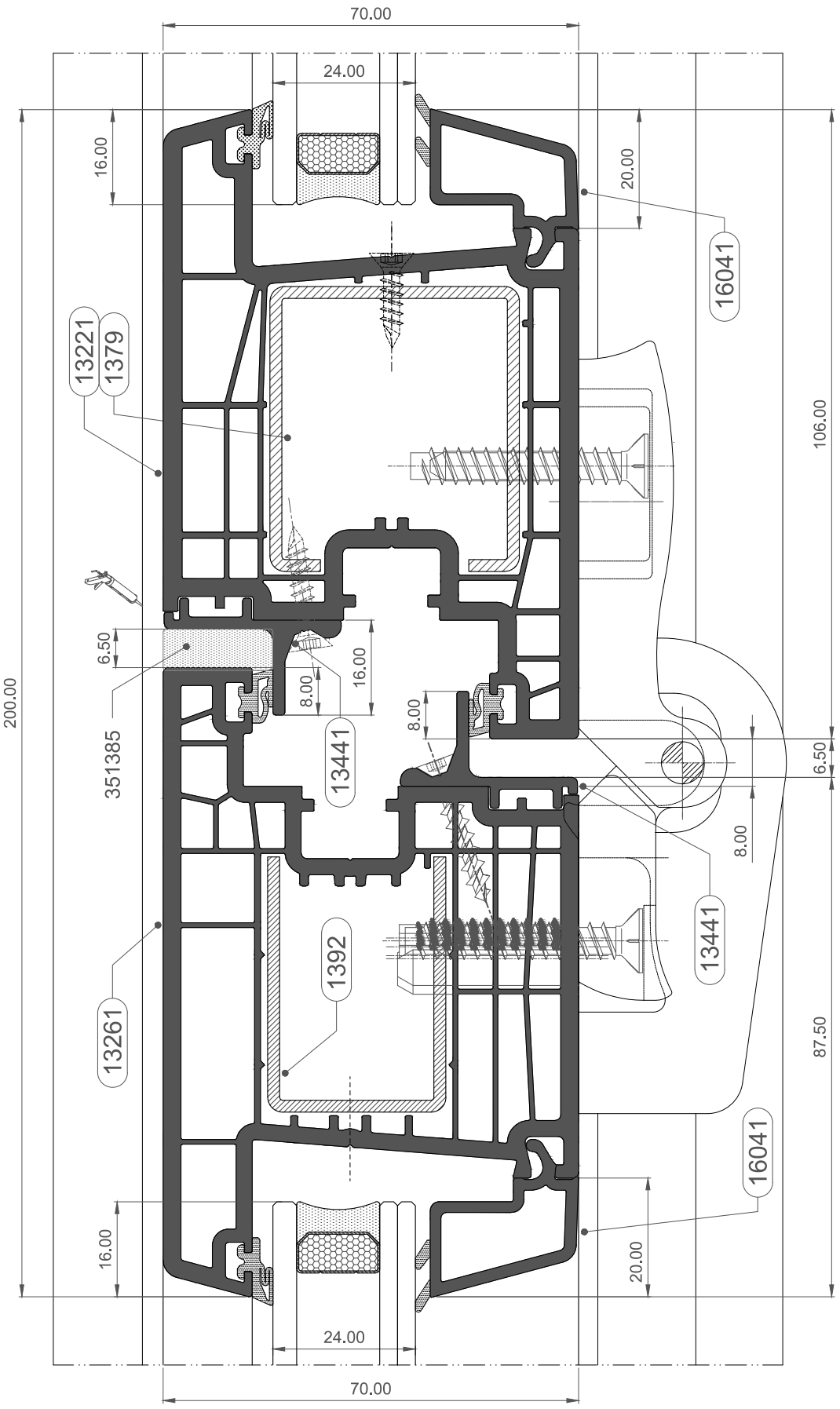

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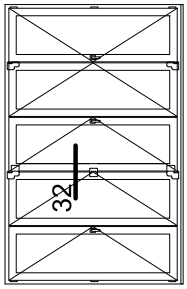

13331
1383
13221
1379
80.00
78.00
18.50
16.00
6.50
70.00
12.00
331221/22
24.00
18.50
70.00
8.00
20.00
16041
52.00
106.00
158.00

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

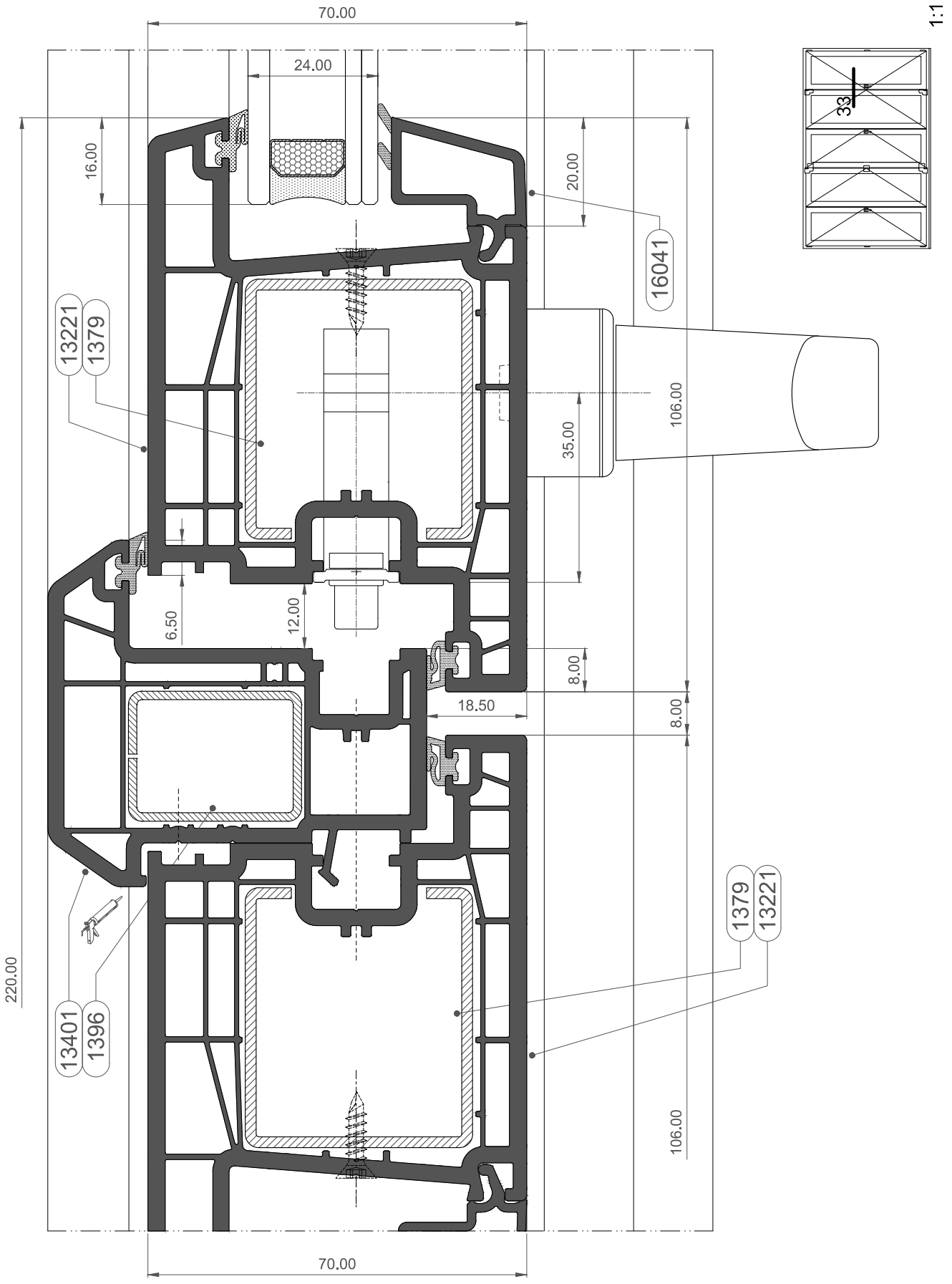
PVC SYSTEM A 70 HINGED
Constructives sections



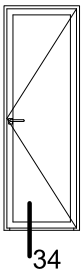

70.00
24.00
16.00
20.00
16041
13221
1379
106.00
200.00
6.50
16.00
8.00
8.00
351385
13441
6.50
8.00
13441
1392
13261
87.50
16041
16.00
20.00
24.00
70.00

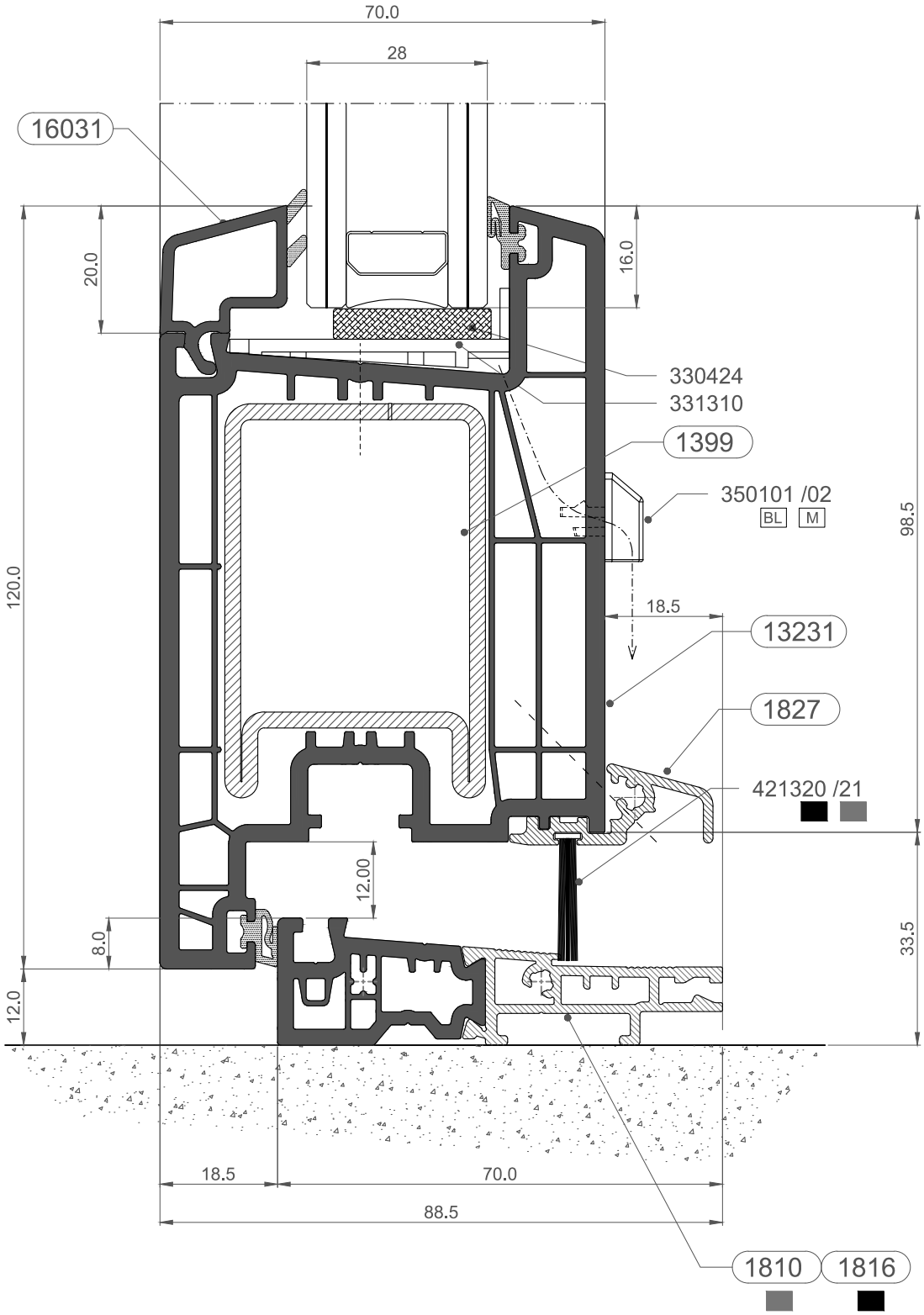

32

1:1

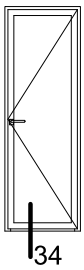

70.00
24.00
16.00
20.00
16041
13221
1379
106.00
35.00
6.50
12.00
8.00
18.50
8.00
1379
13221
220.00
13401
1396
106.00
70.00
1:1
33

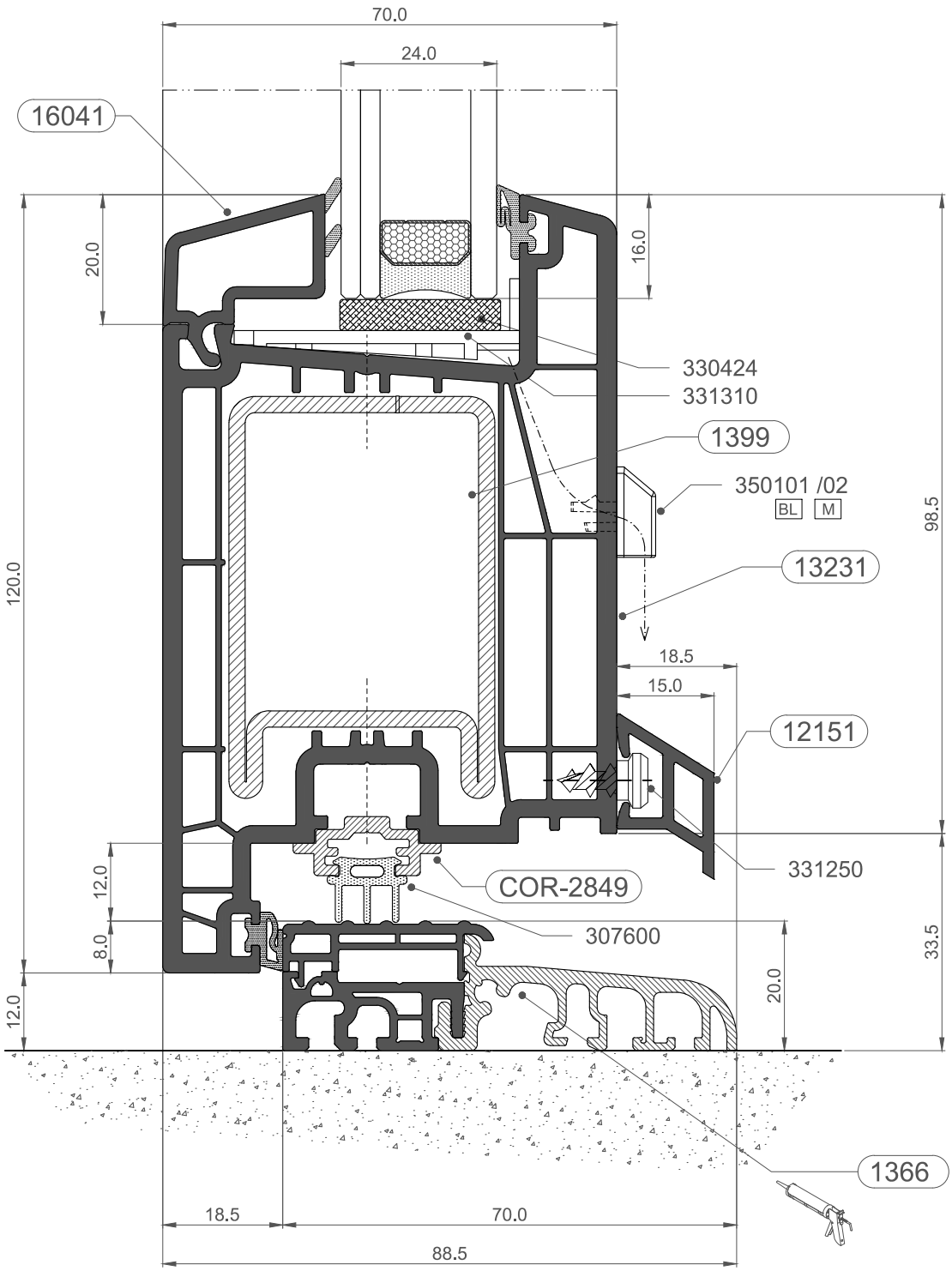
1:1


34


70.0
28
16031
20.0
16.0
330424
331310
1399
350101 /02
BL
M
98.5
120.0
18.5
13231
1827
421320 /21
12.00
8.0
33.5
12.0
18.5
70.0
88.5
1810
1816

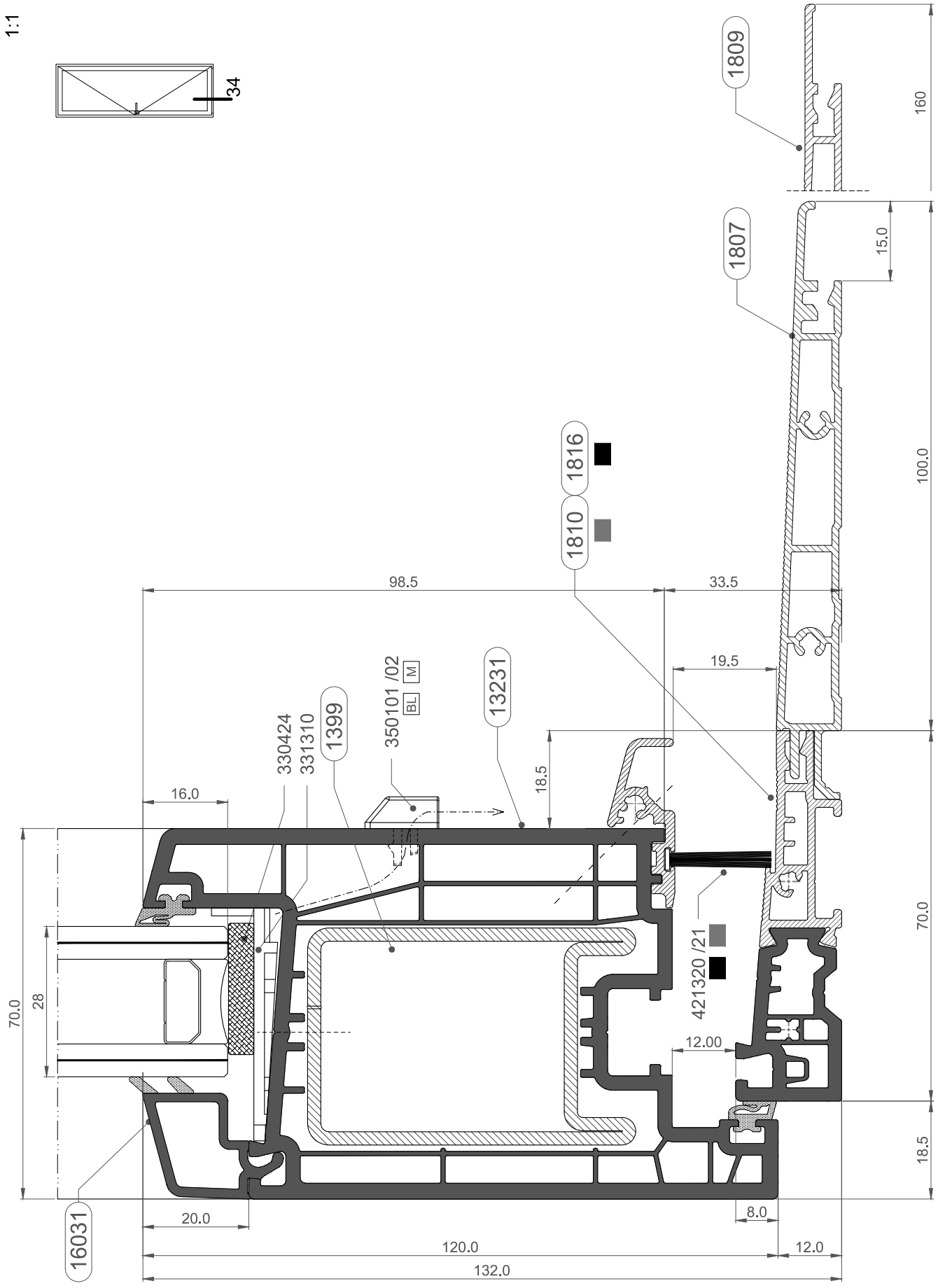
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34

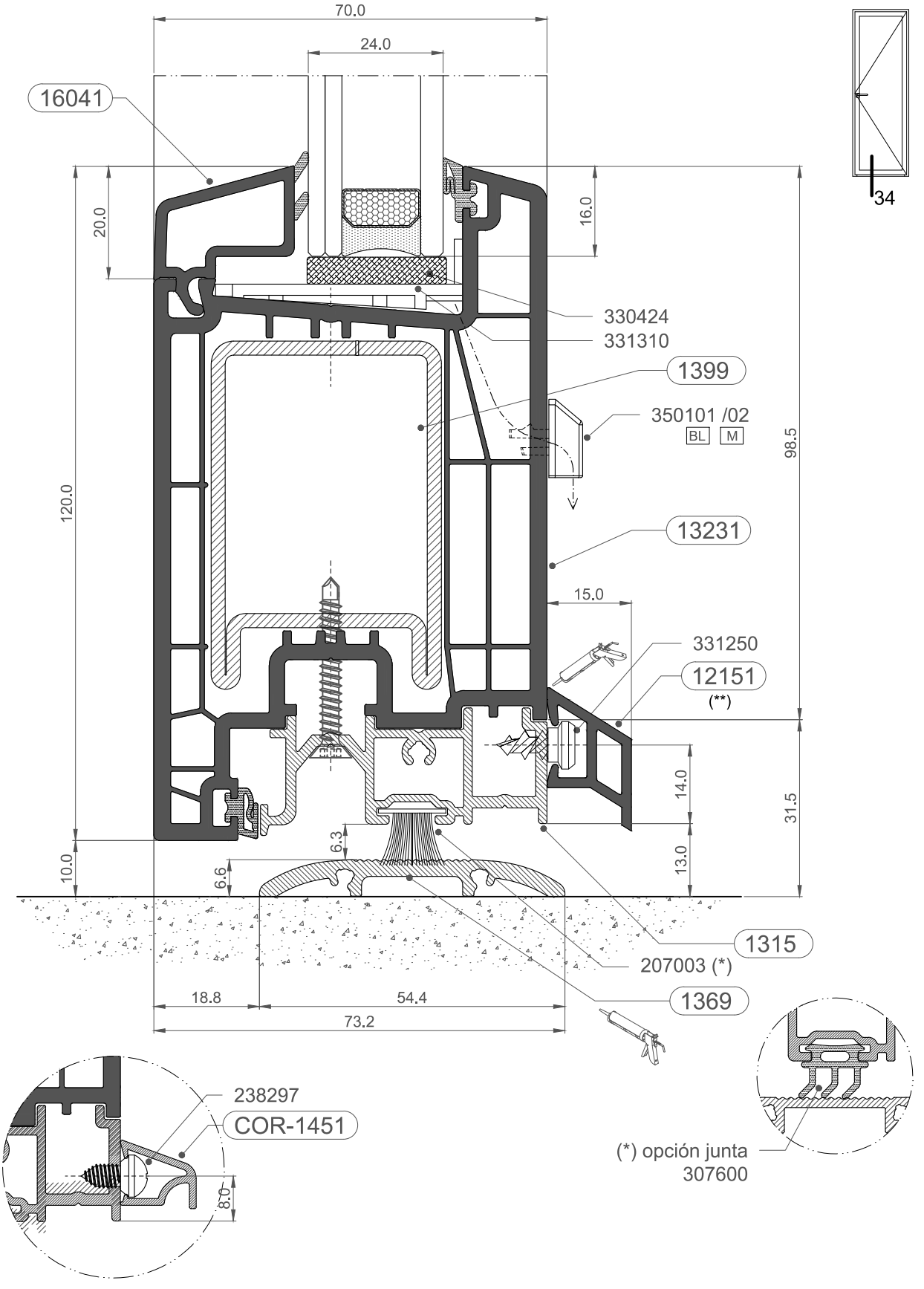

70.0
24.0
16041
20.0
16.0
330424
331310
1399
350101 /02
BL
M
98.5
120.0
13231
18.5
15.0
12151
331250
COR-2849
12.0
307600
8.0
33.5
20.0
12.0
1366
18.5
70.0
88.5

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

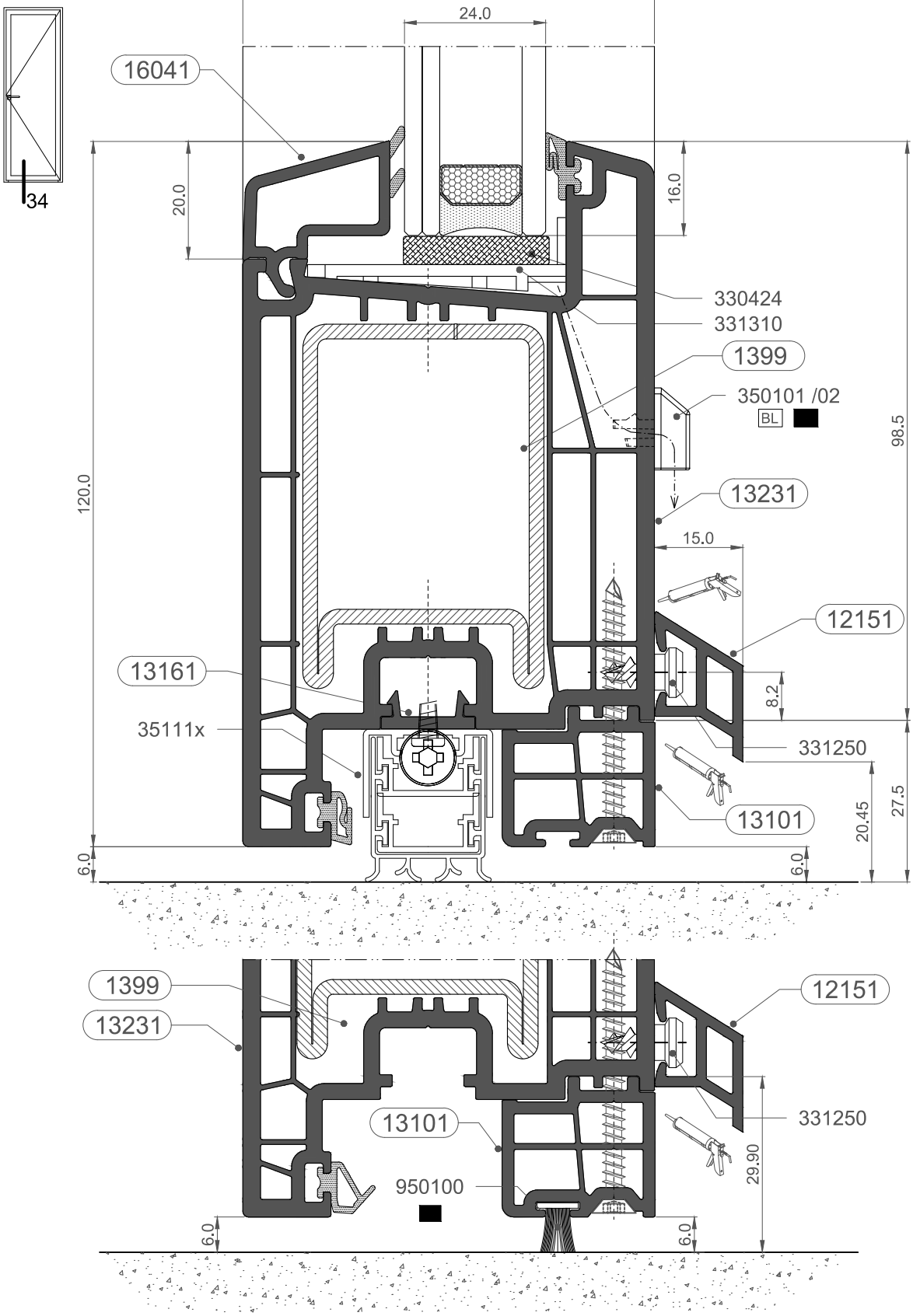
PVC SYSTEM A 70 HINGED
Constructives sections



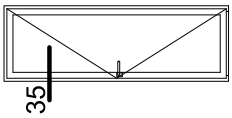
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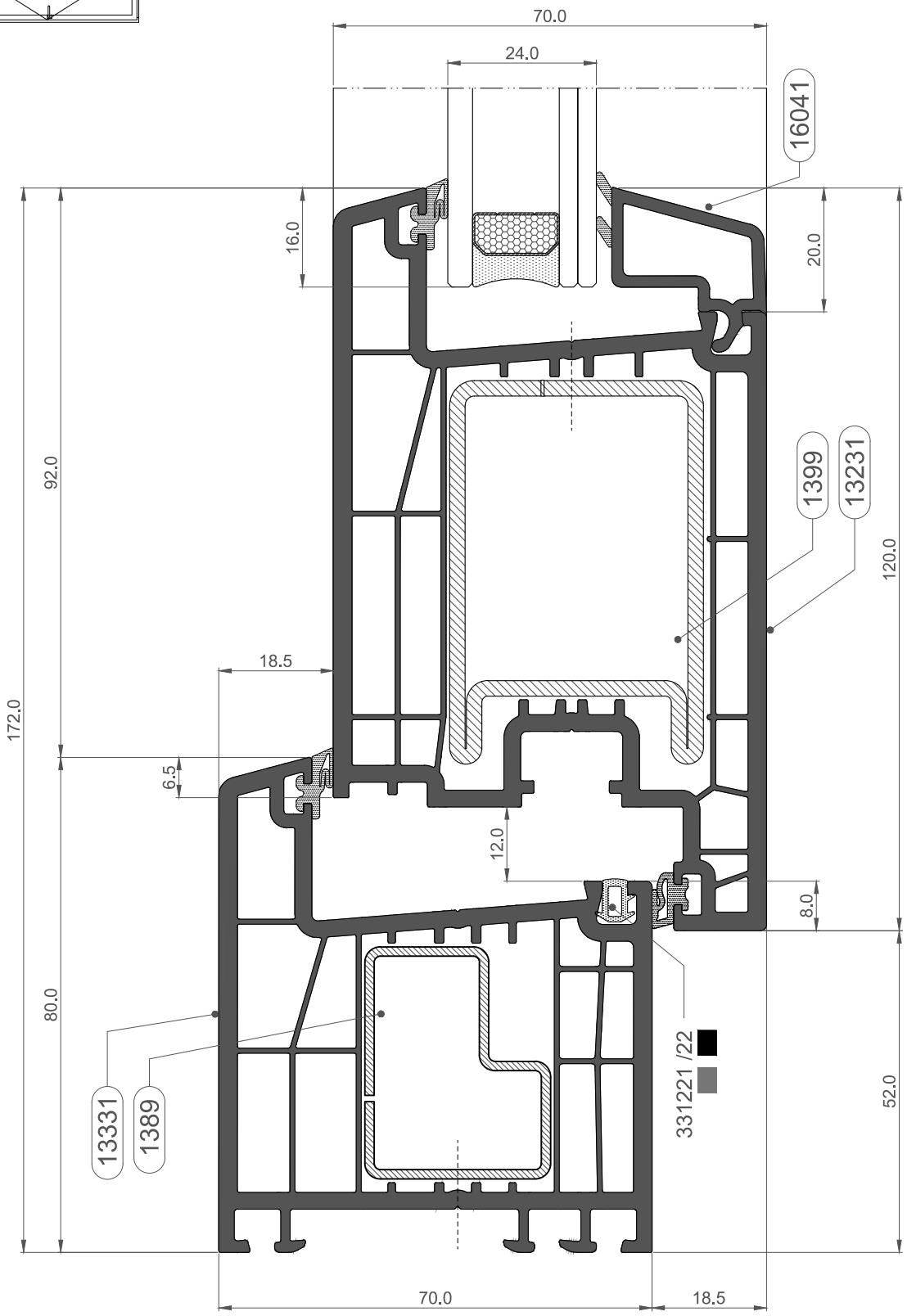

70.0
24.0
16041
20.0
16.0
330424
331310
1399
350101 /02
BL
M
98.5
120.0
13231
15.0
331250
12151
(**)
14.0
31.5
6.3
13.0
10.0
6.6
1315
207003 (*)
1369
18.8
54.4
73.2
238297
COR-1451
8.0
(*) opción junta
307600
34

1:1

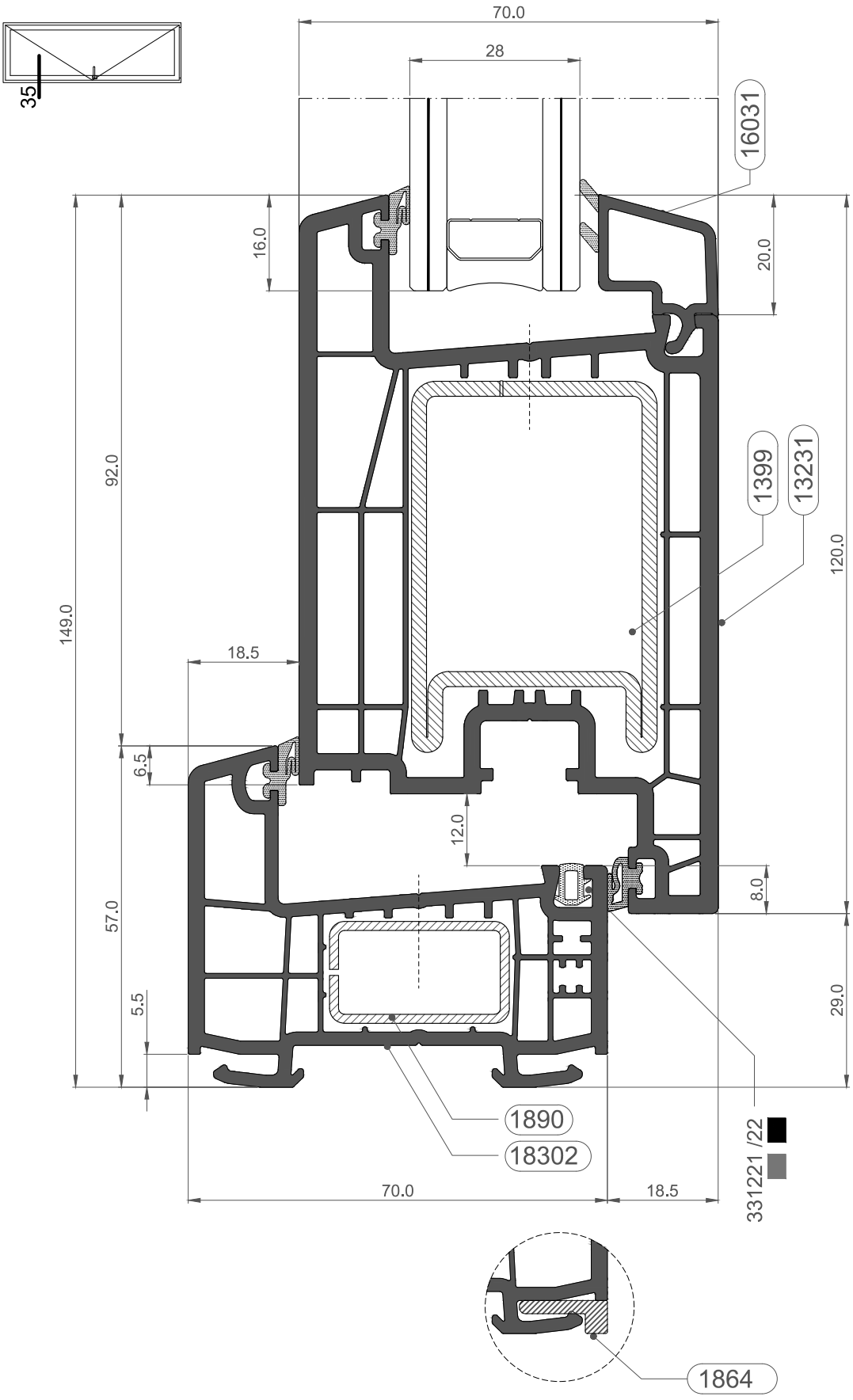

70.0
24.0
16041
20.0
16.0
34
330424
331310
1399
350101 /02
BL
98.5
120.0
13231
15.0
12151
13161
8.2
35111x
331250
20.45
27.5
13101
6.0
6.0
1399
13231
12151
13101
331250
29.90
950100
6.0
6.0

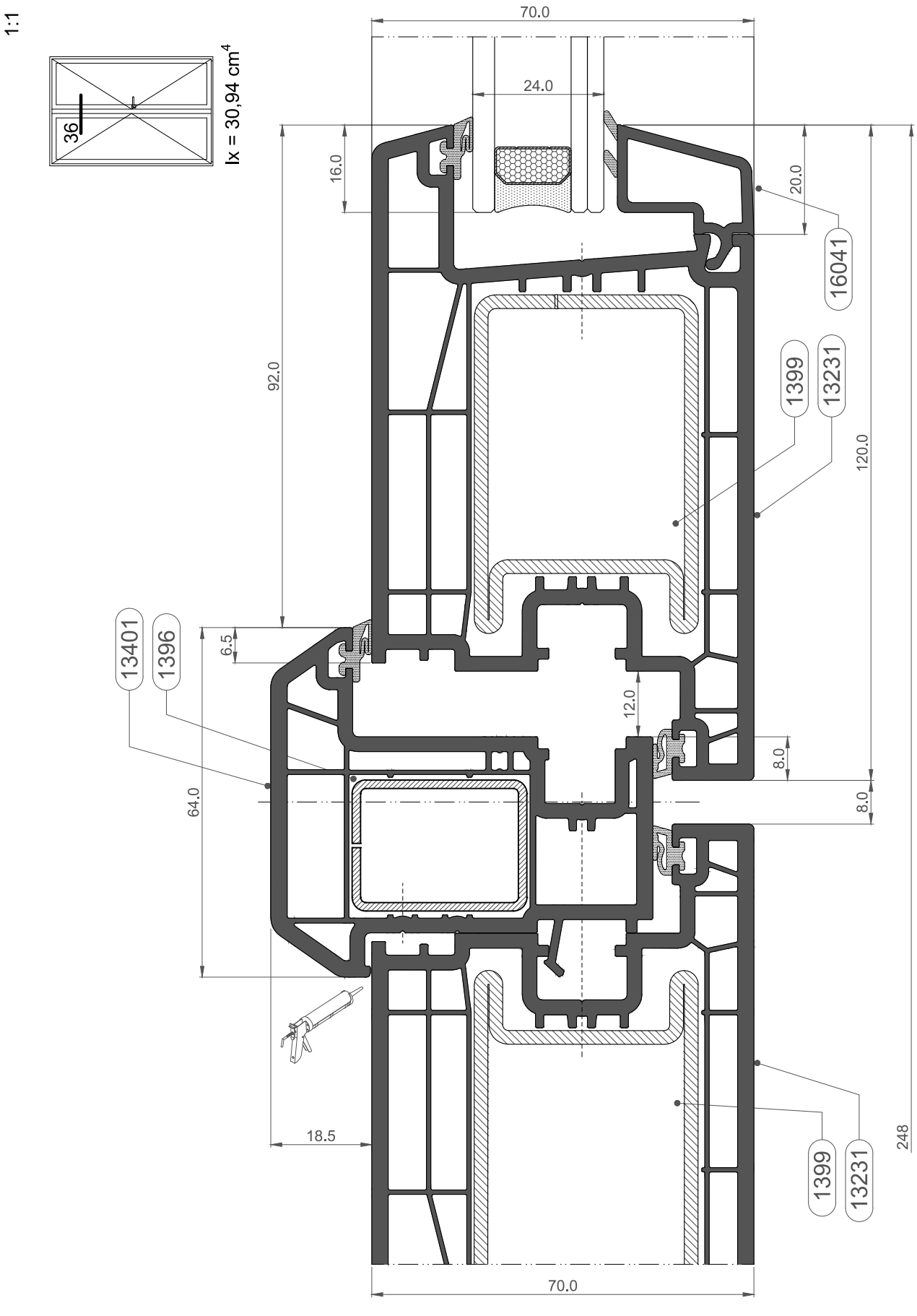
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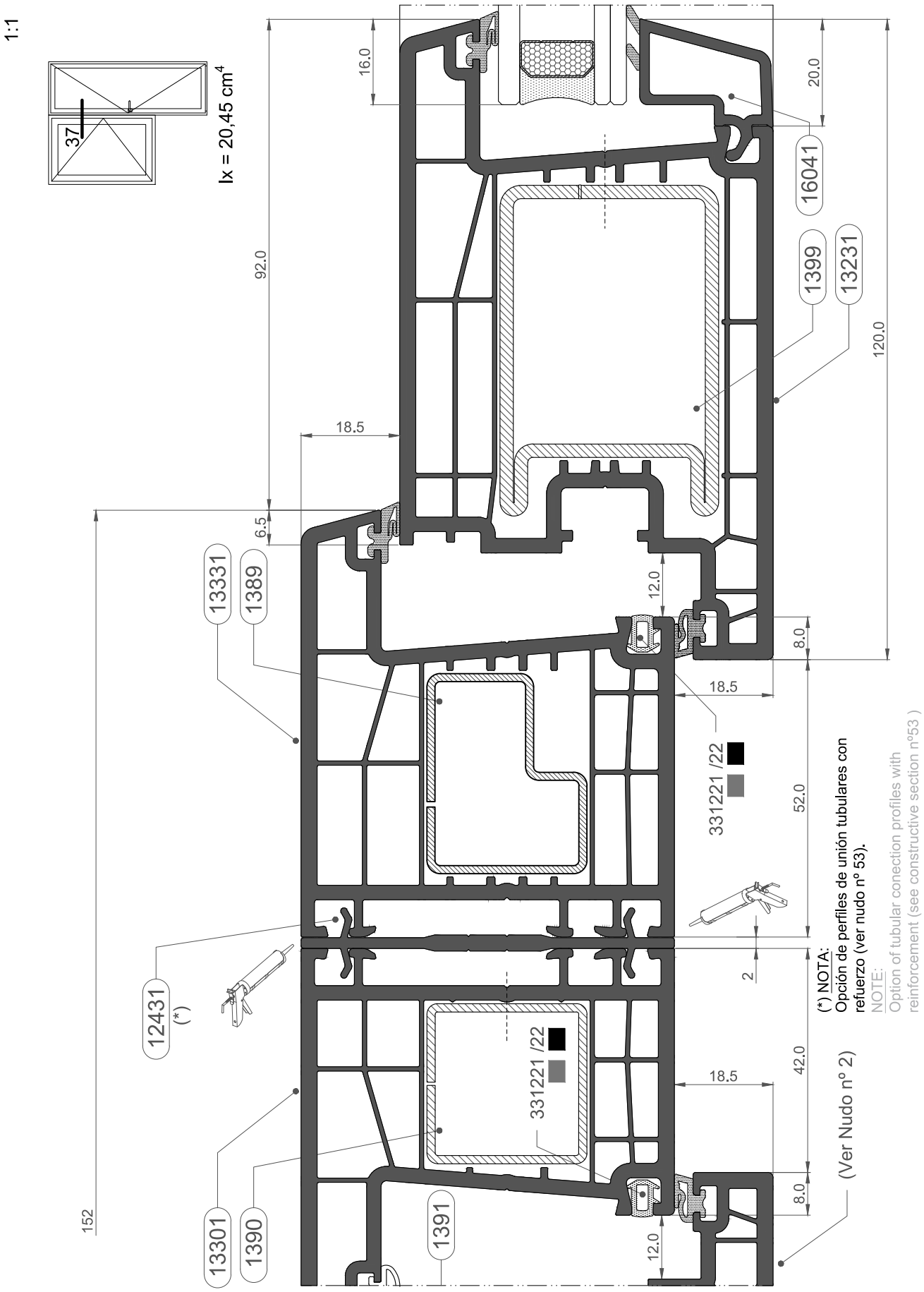

35


70.0
24.0
16041
16.0
20.0
92.0
1399
13231
120.0
18.5
172.0
6.5
12.0
8.0
80.0
13331
1389
331221 /22
52.0
70.0
18.5

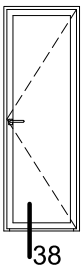
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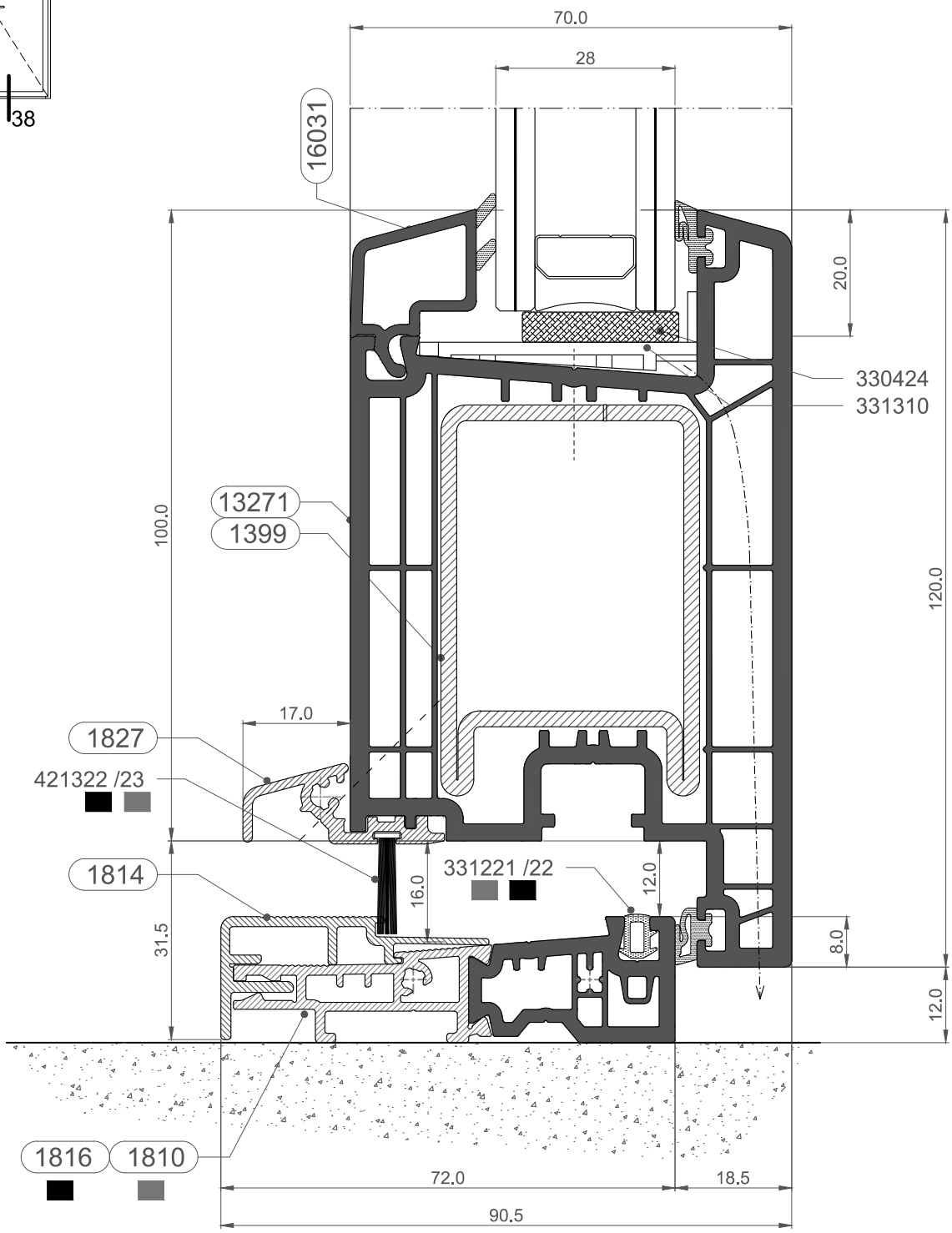

35
70.0
28
16031
16.0
20.0
92.0
149.0
1399
13231
120.0
18.5
6.5
12.0
8.0
57.0
29.0
5.5
1890
18302
331221 /22
70.0
18.5
1864


1:1
36
Ix = 30,94 cm4
70.0
24.0
16.0
20.0
16041
92.0
1399
13231
120.0
13401
1396
6.5
12.0
8.0
64.0
8.0
18.5
248
1399
13231
70.0


1:1
37
Ix = 20,45 cm4
92.0
16.0
20.0
16041
1399
13231
120.0
18.5
6.5
13331
1389
12.0
8.0
18.5
331221 /22
52.0
12431
(*)
2
331221 /22
18.5
42.0
8.0
13301
1390
1391
12.0
152
(Ver Nudo nº 2)
(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).
NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)

1:1

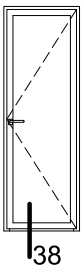

38

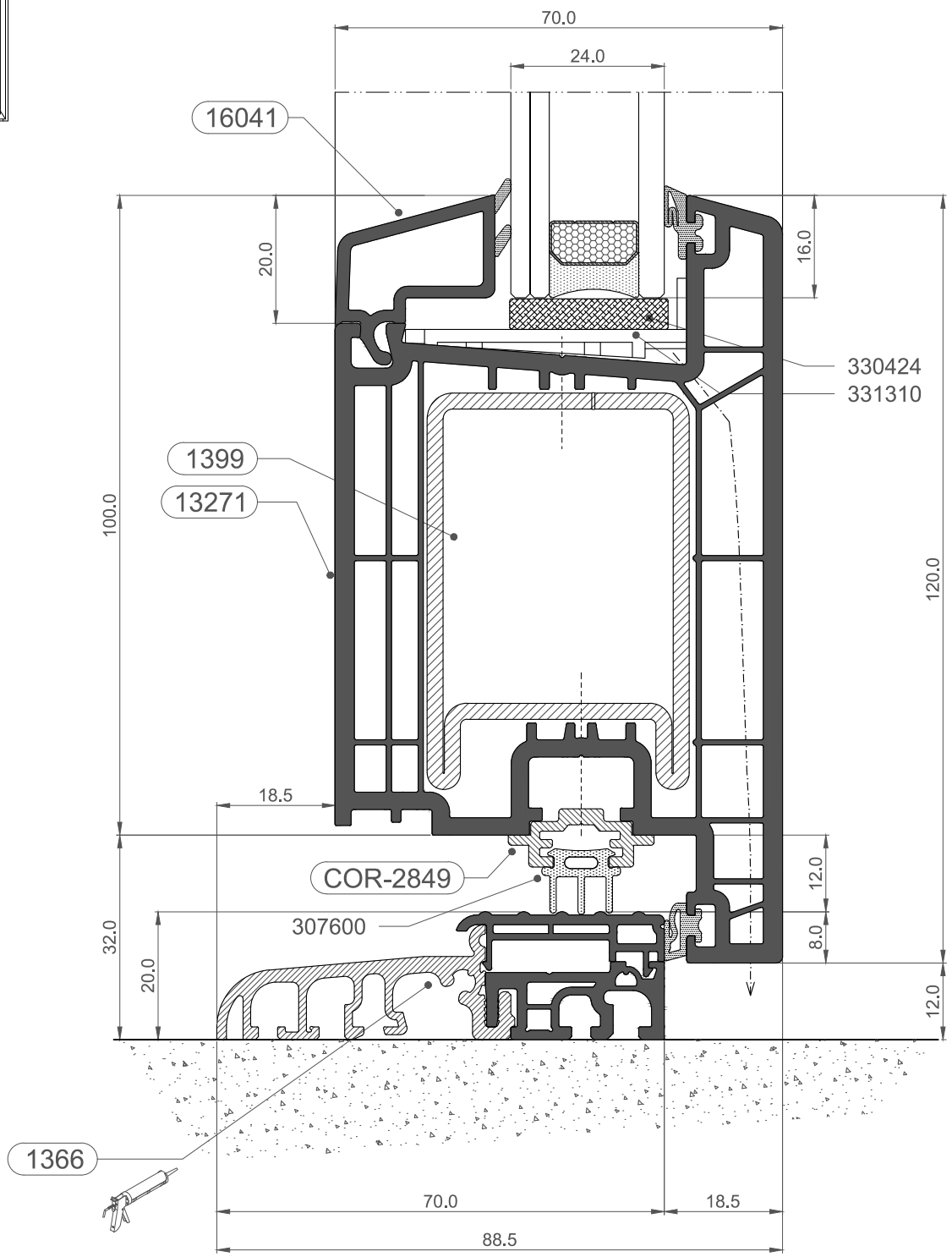

70.0
28
16031
20.0
330424
331310
13271
1399
100.0
120.0
17.0
1827
421322 /23
1814
331221 /22
16.0
12.0
31.5
8.0
12.0
1816
1810
72.0
18.5
90.5

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

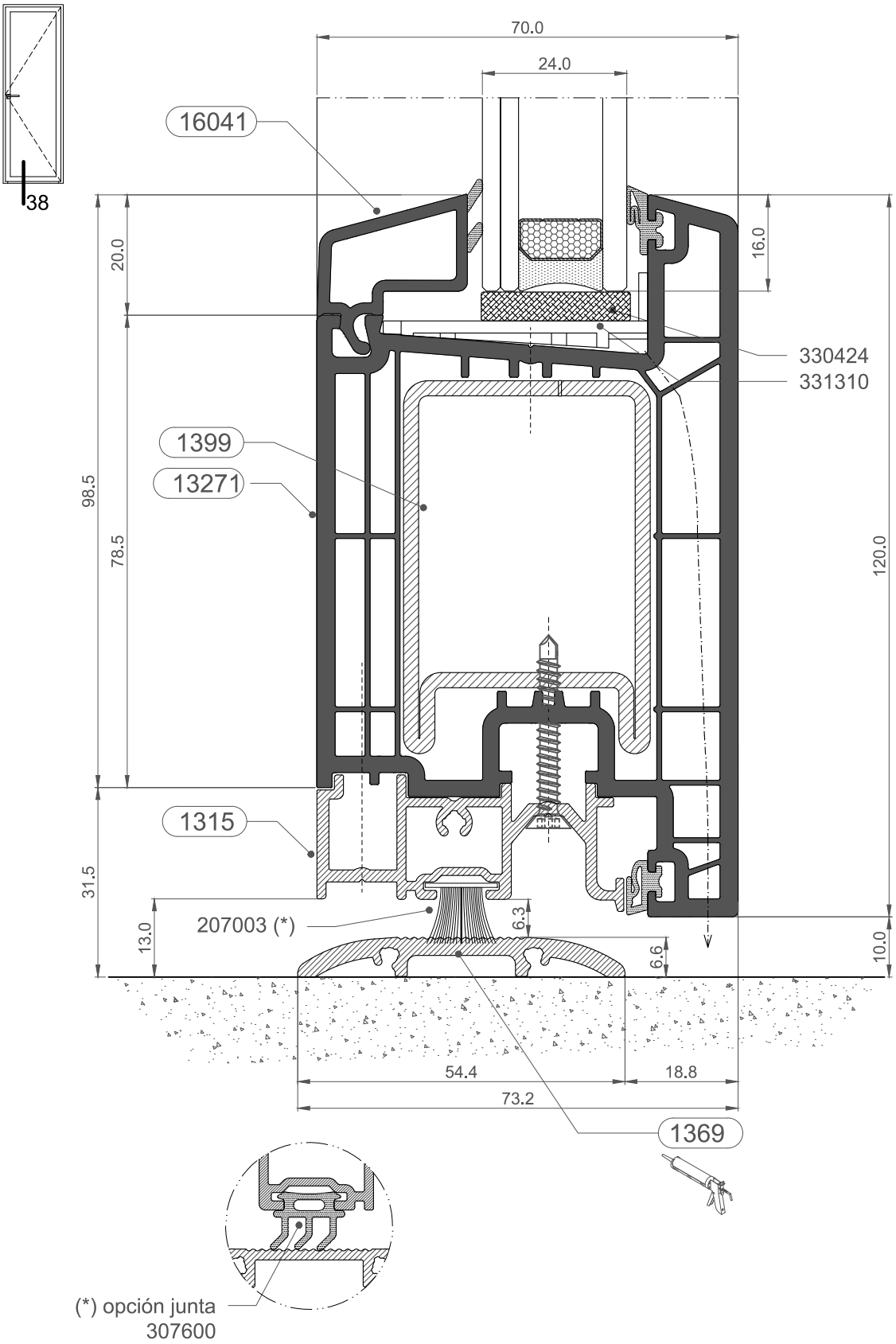
PVC SYSTEM A 70 HINGED
Constructives sections

1:1





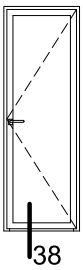
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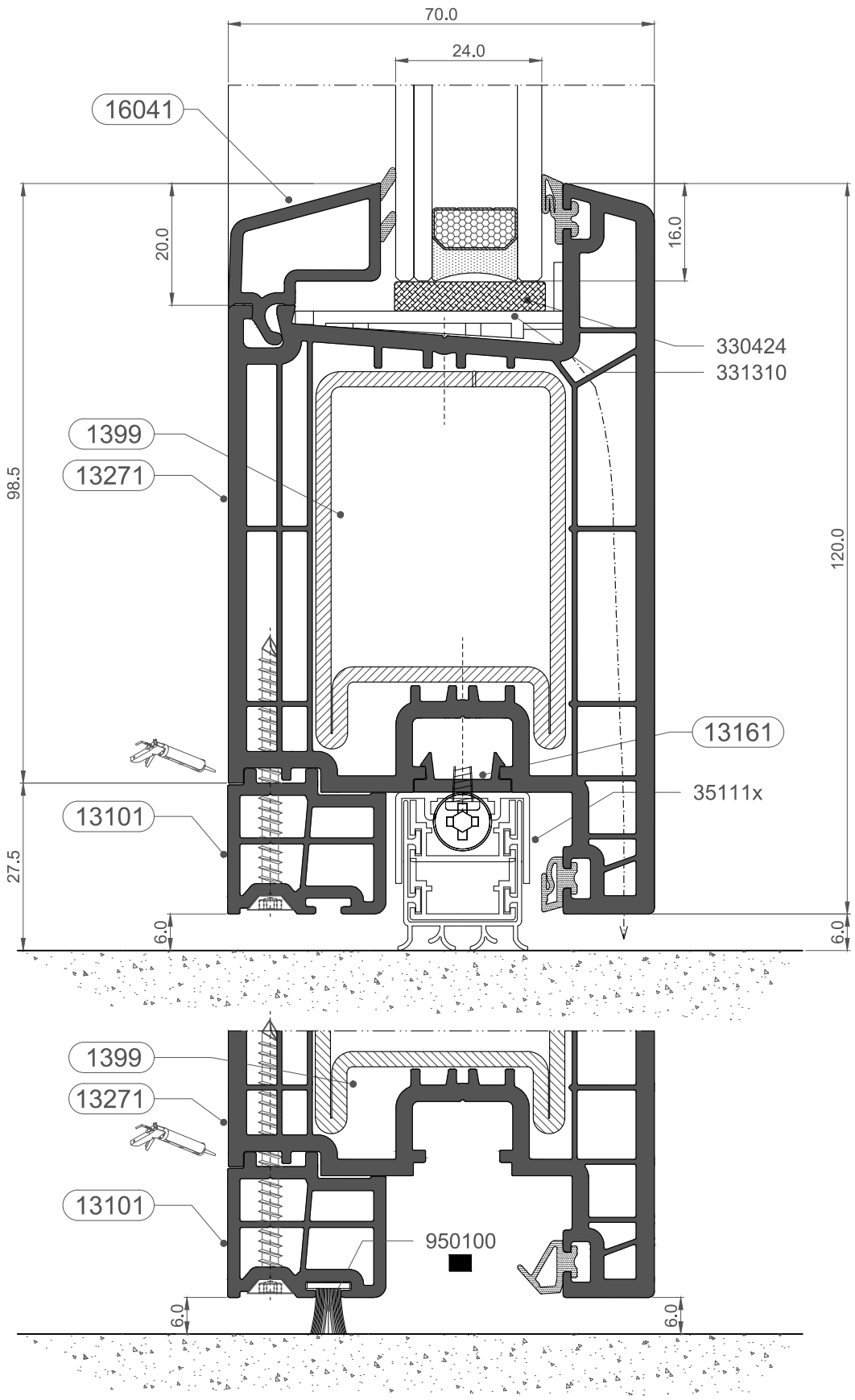

38
70.0
24.0
16041
20.0
16.0
330424
331310
1399
13271
98.5
78.5
120.0
1315
31.5
13.0
207003 (*)
6.3
6.6
10.0
54.4
18.8
73.2
1369
(*) opción junta
307600

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

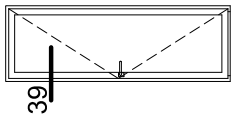
PVC SYSTEM A 70 HINGED
Constructives sections

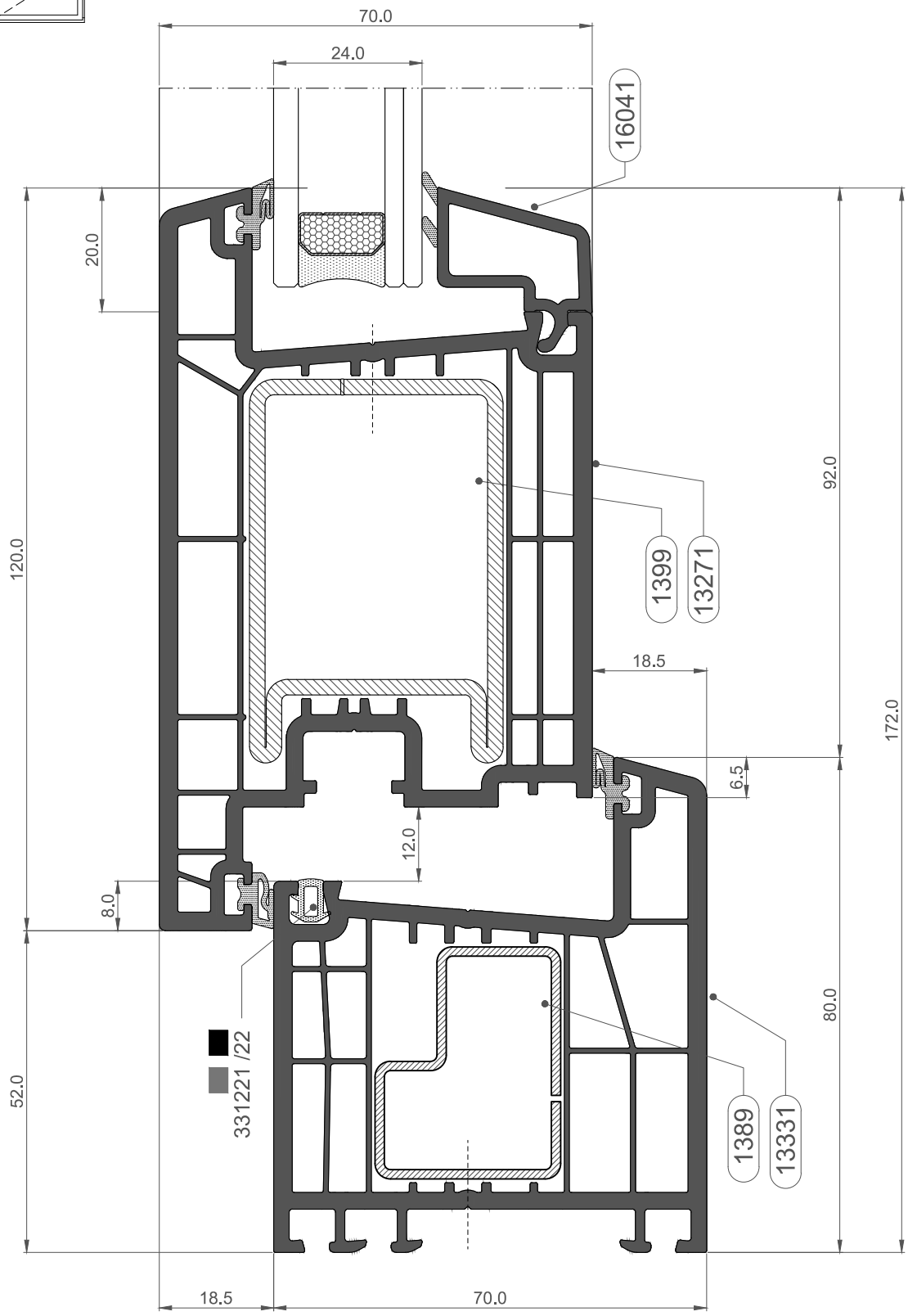
1:1

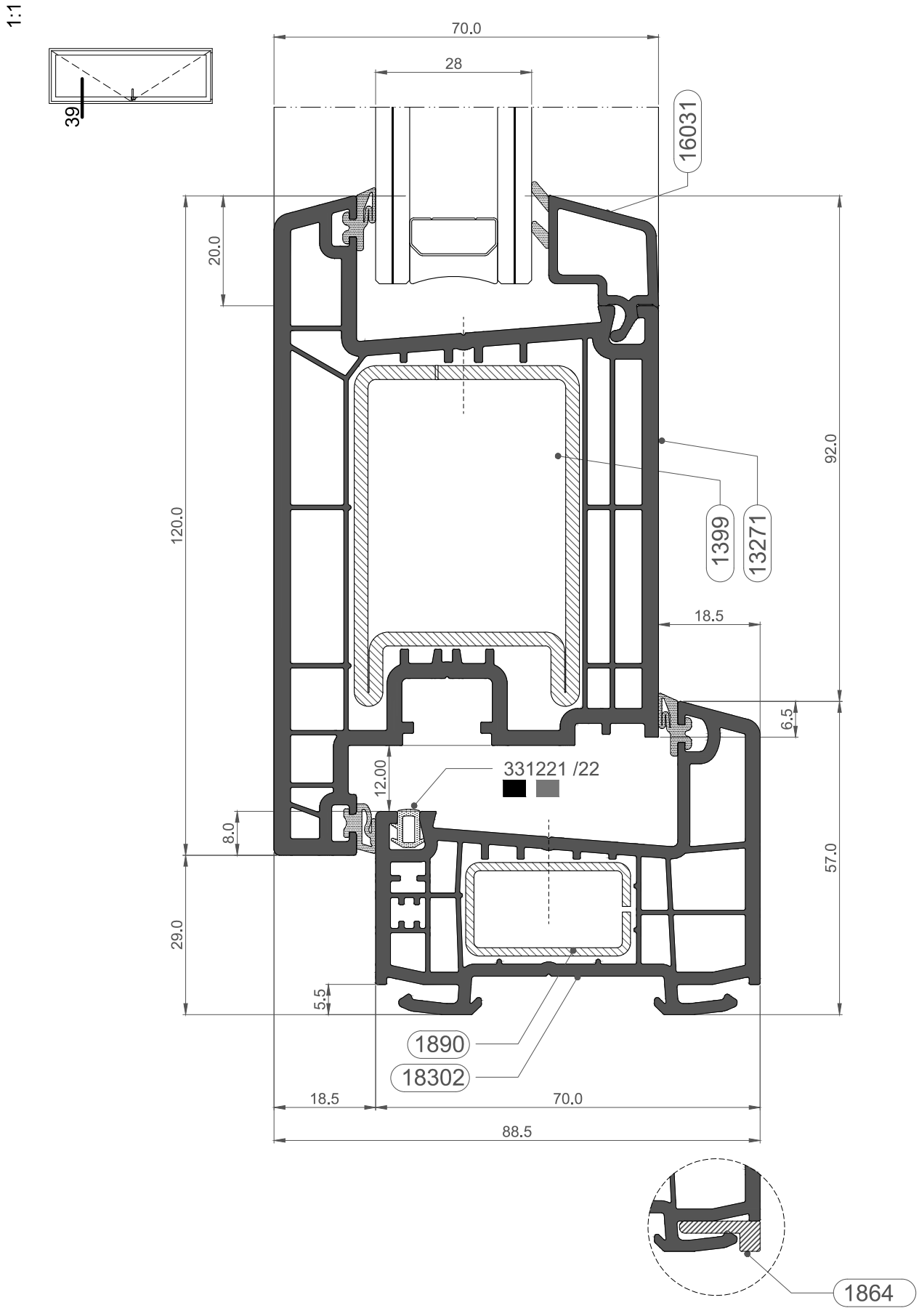




1:1


39

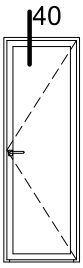

70.0
24.0
16041
20.0
120.0
92.0
172.0
1399
13271
18.5
6.5
12.0
8.0
52.0
80.0
331221 /22
1389
13331
18.5
70.0

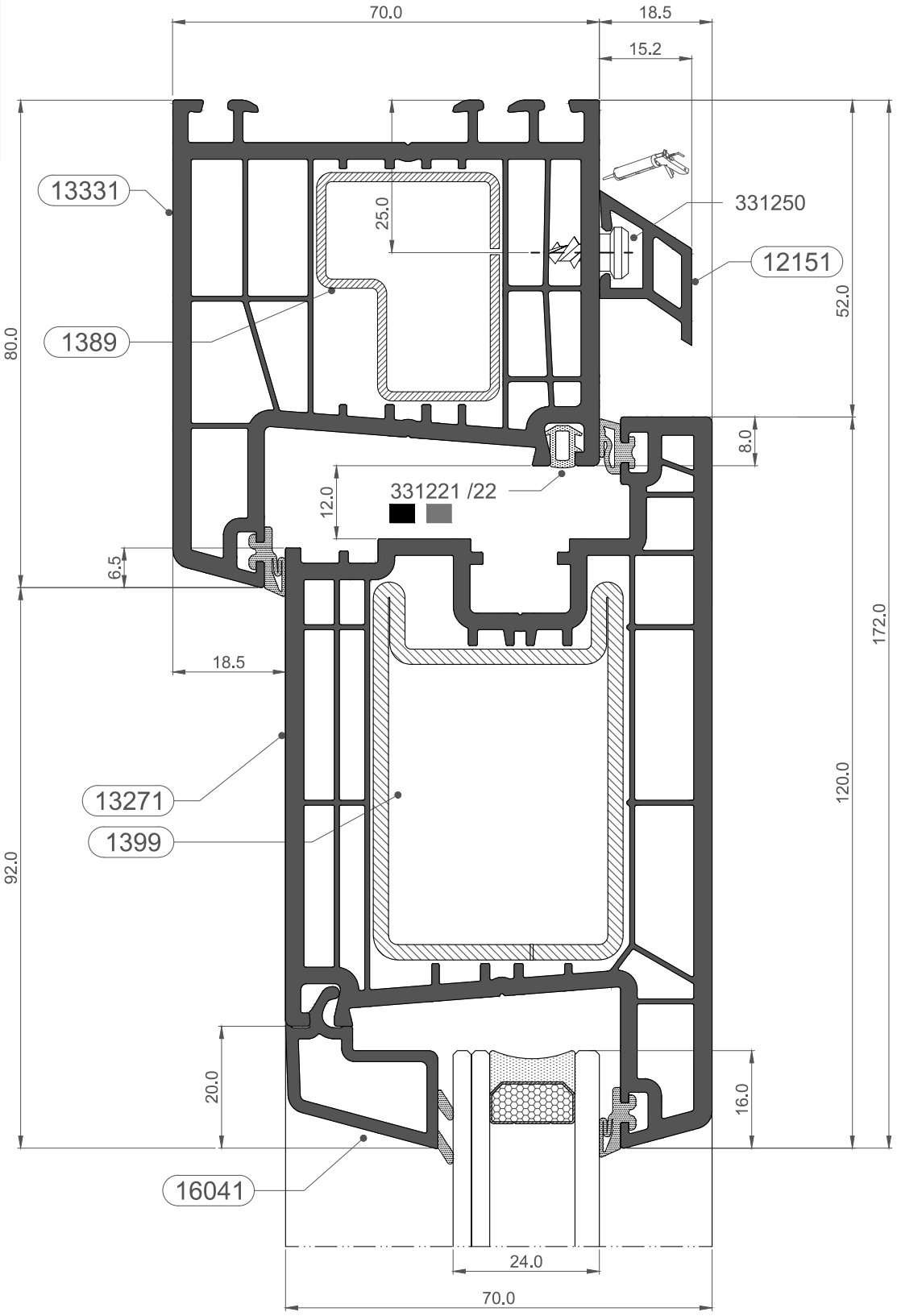

1:1
39
70.0
28
16031
20.0
120.0
92.0
1399
13271
18.5
6.5
331221 /22
12.00
8.0
57.0
29.0
5.5
1890
18302
18.5
70.0
88.5
1864

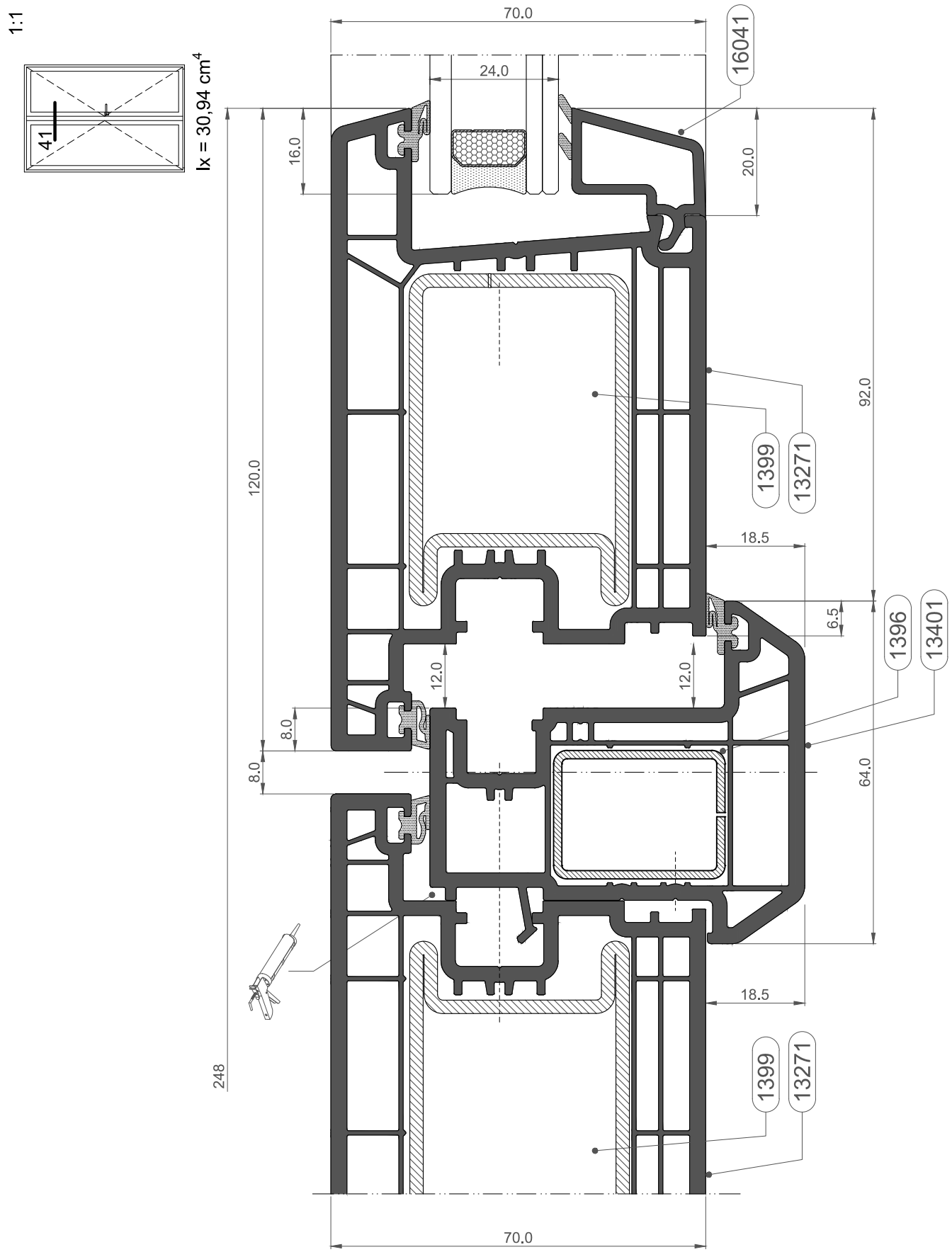
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

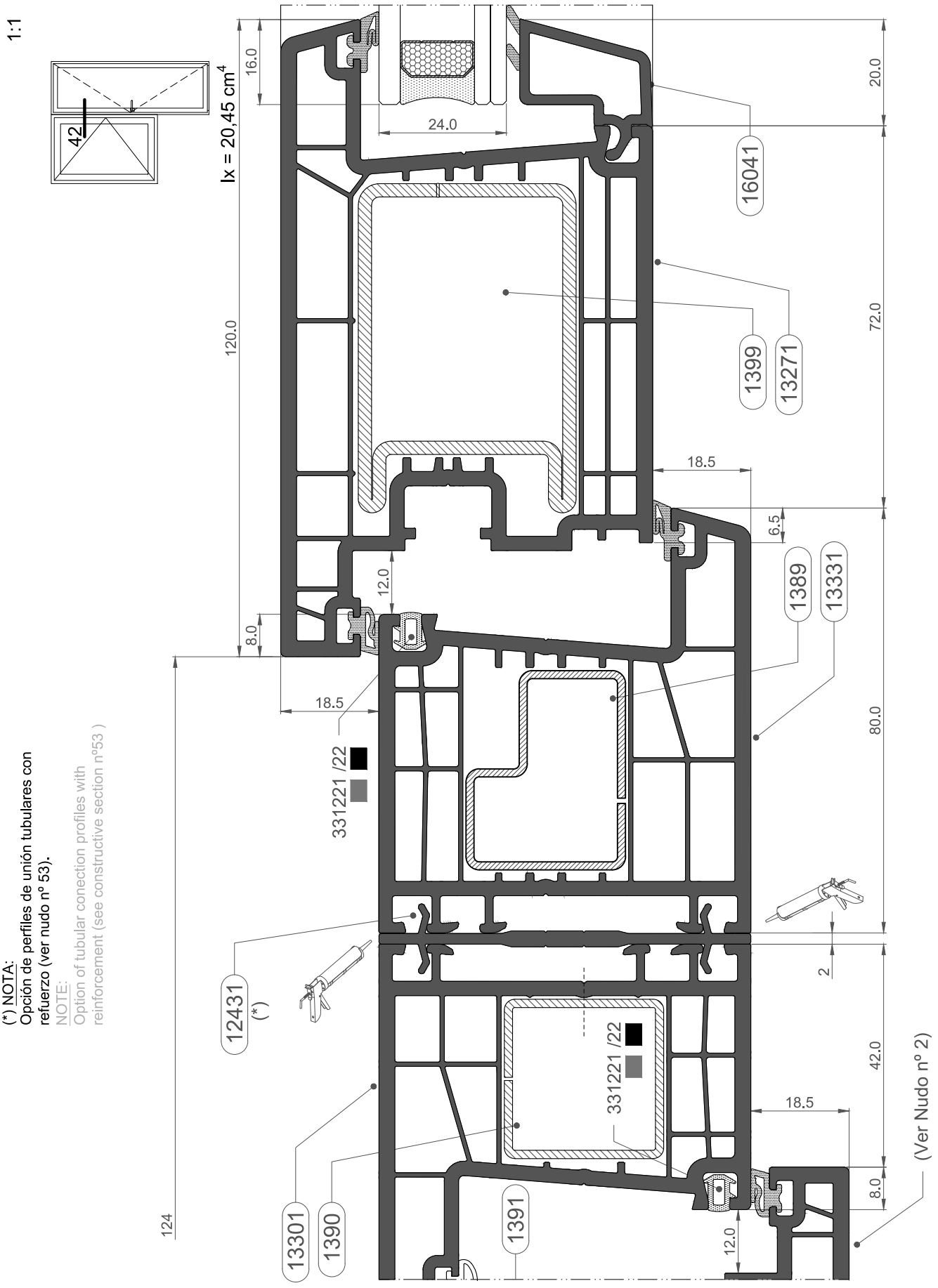
PVC SYSTEM A 70 HINGED
Constructives sections

1:1



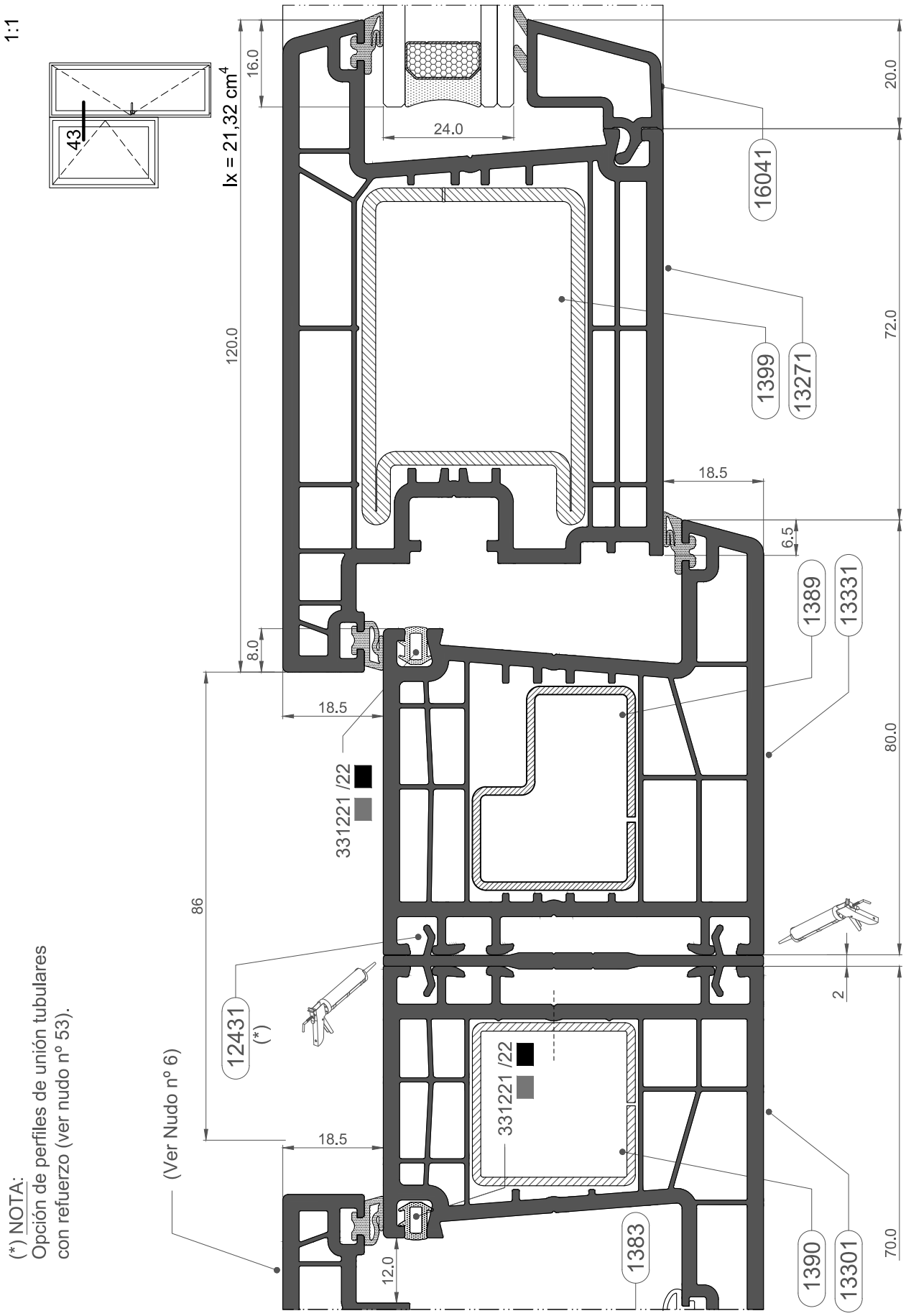



1:1
41
Ix = 30,94 cm4
70.0
24.0
16041
16.0
20.0
92.0
120.0
1399
13271
18.5
6.5
1396
13401
12.0
12.0
8.0
8.0
64.0
18.5
1399
13271
248
70.0



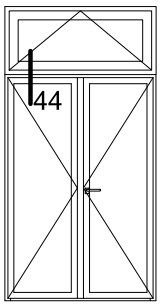
(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)

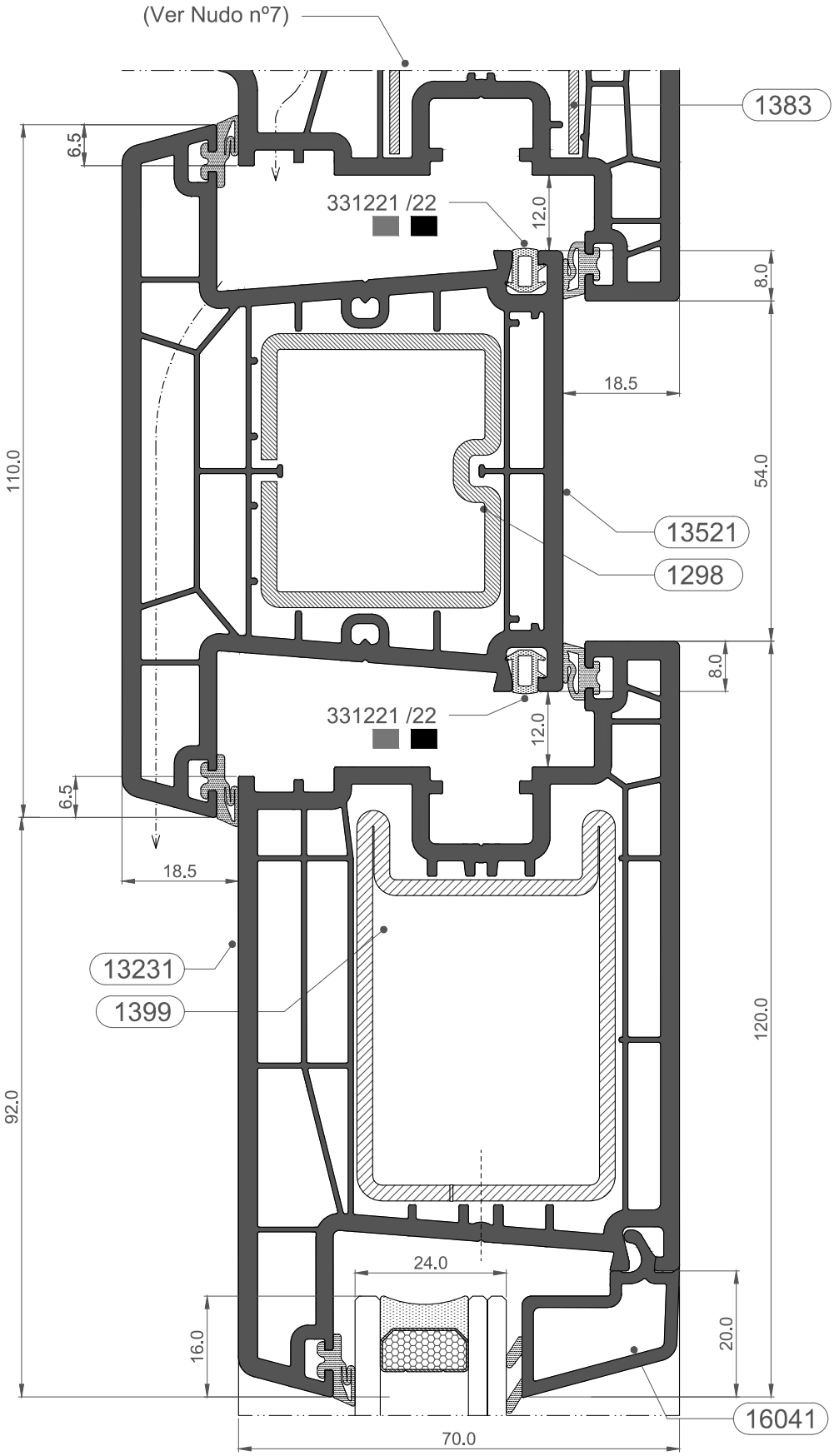


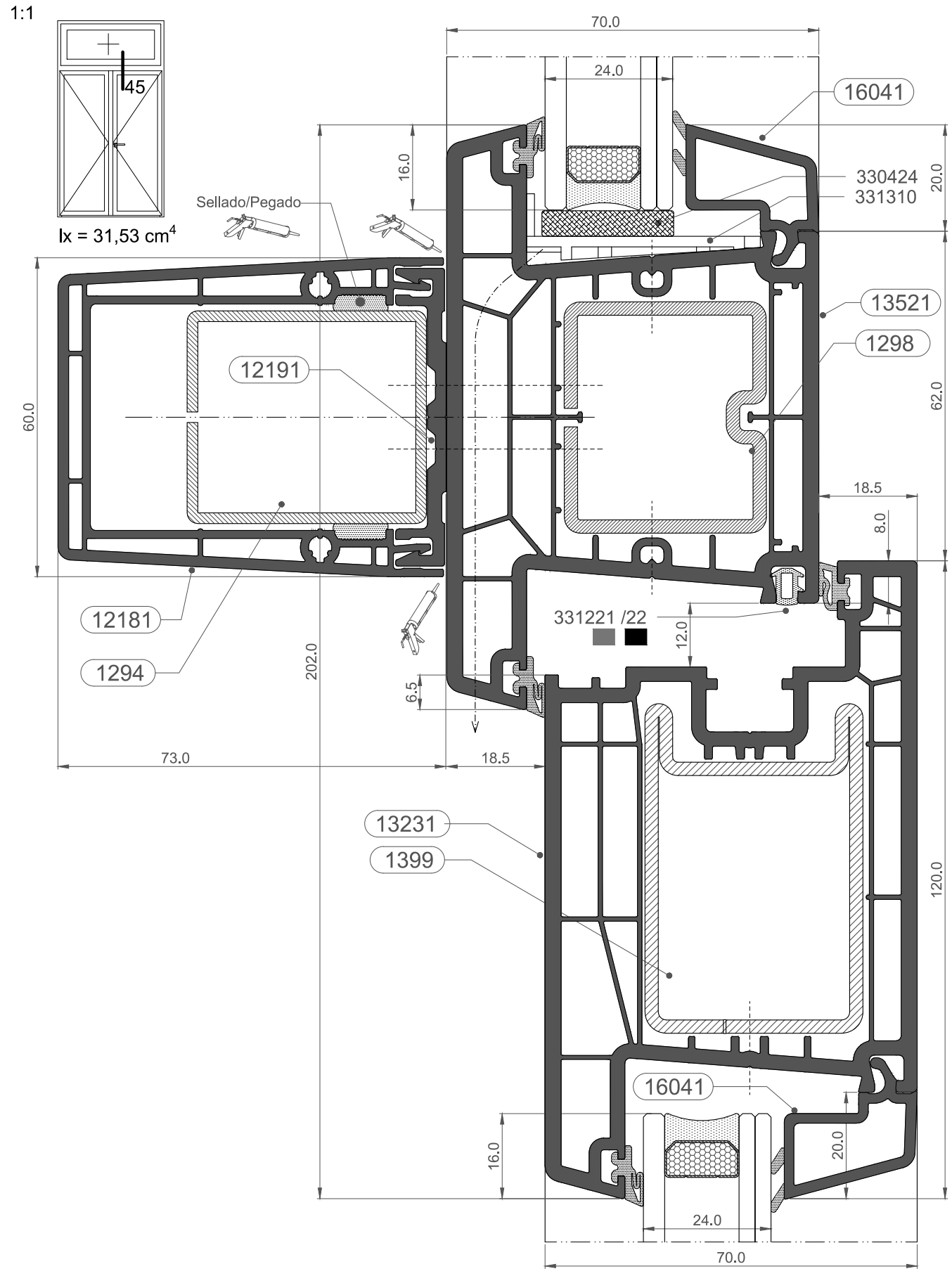
(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

1:1

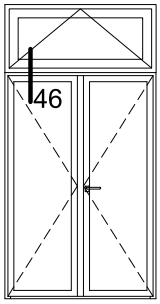


Ix = 25,00 cm^4




1:1
45
Ix = 31,53 cm4
Sellado/Pegado
70.0
24.0
16041
16.0
20.0
330424
331310
13521
1298
12191
60.0
62.0
18.5
8.0
331221 /22
12.0
12181
1294
202.0
6.5
73.0
18.5
13231
1399
120.0
16041
16.0
20.0
24.0
70.0

1:1



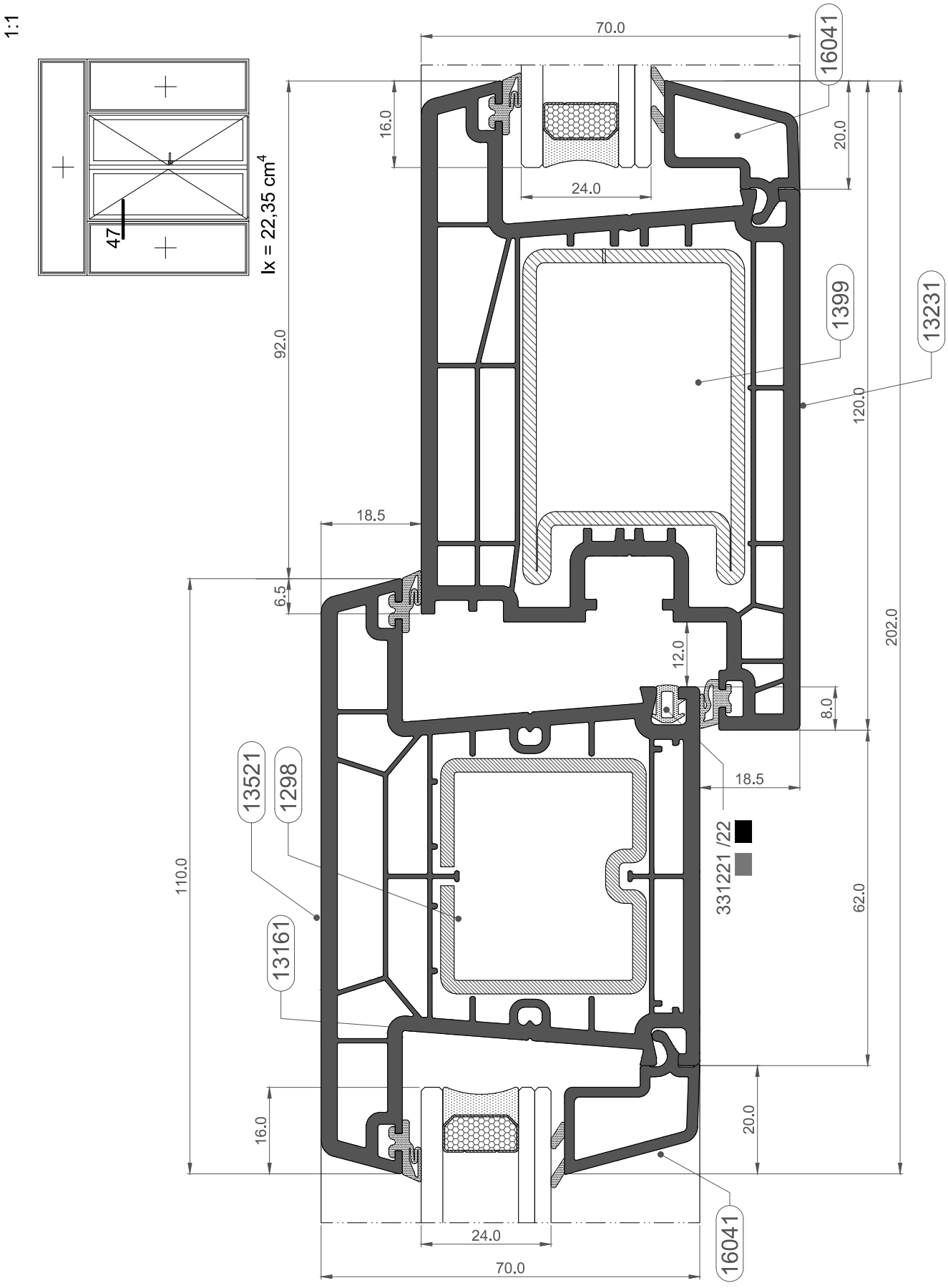
Ix = 20,45 cm^4

(*) NOTA:
Opción de perfiles de unión tubulares con refuerzo (ver nudo nº 53).

NOTE:
Option of tubular conection profiles with reinforcement (see constructive section nº53)

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

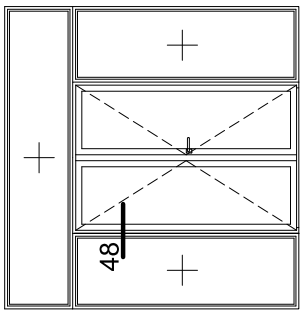
PVC SYSTEM A 70 HINGED
Constructives sections



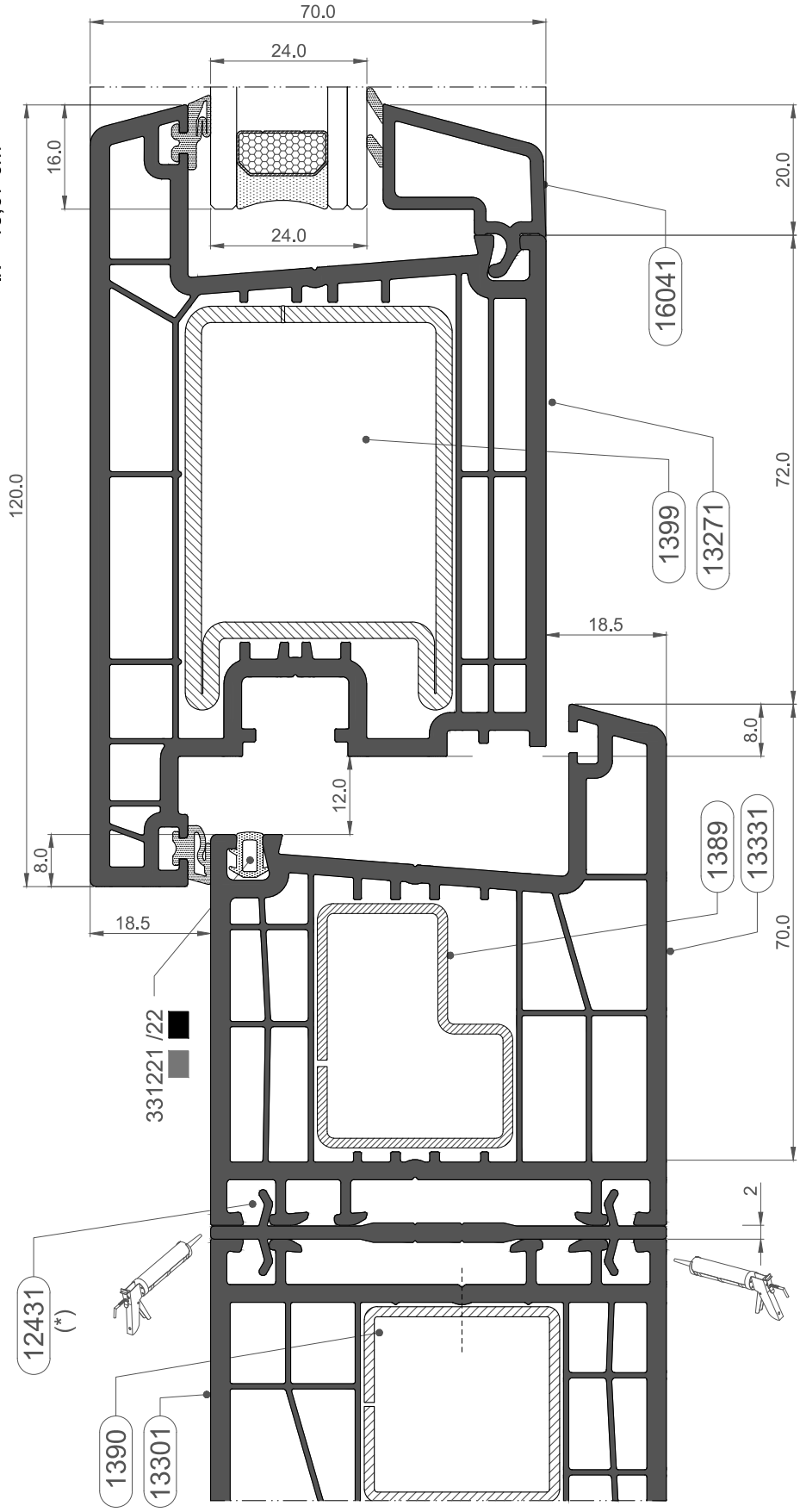
SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

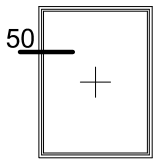
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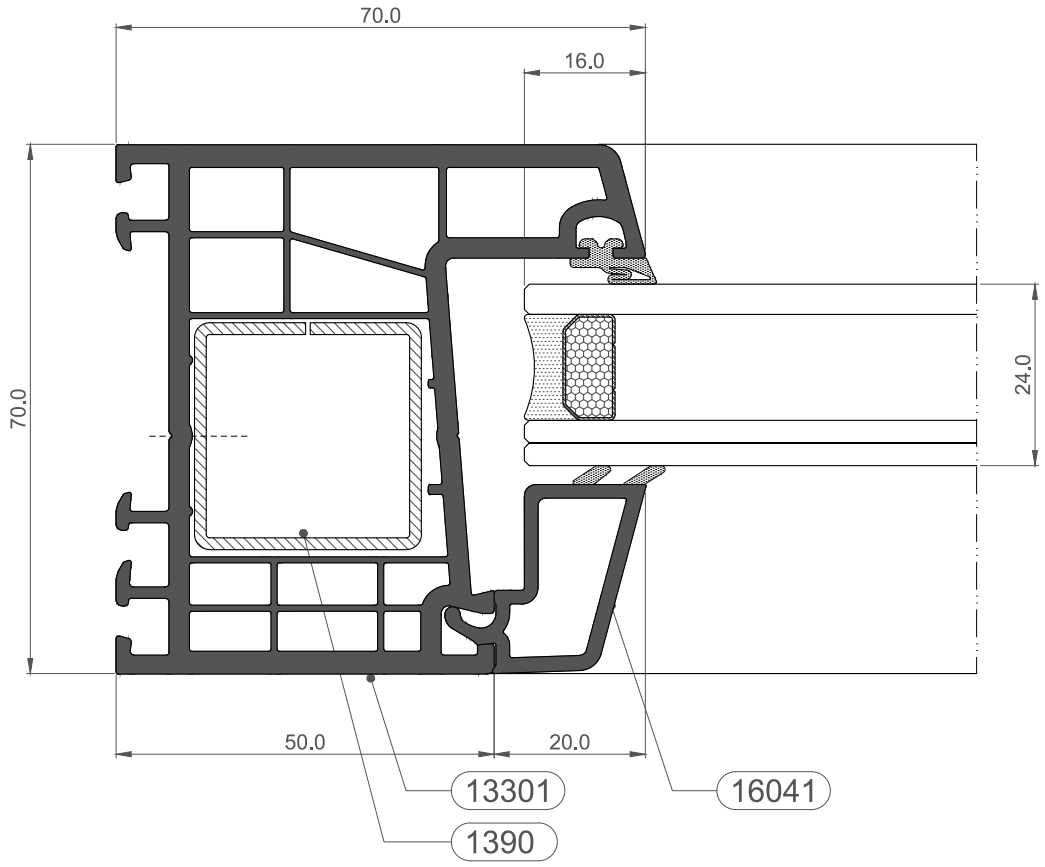


Ix = 18,67 cm^4

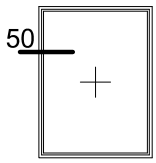


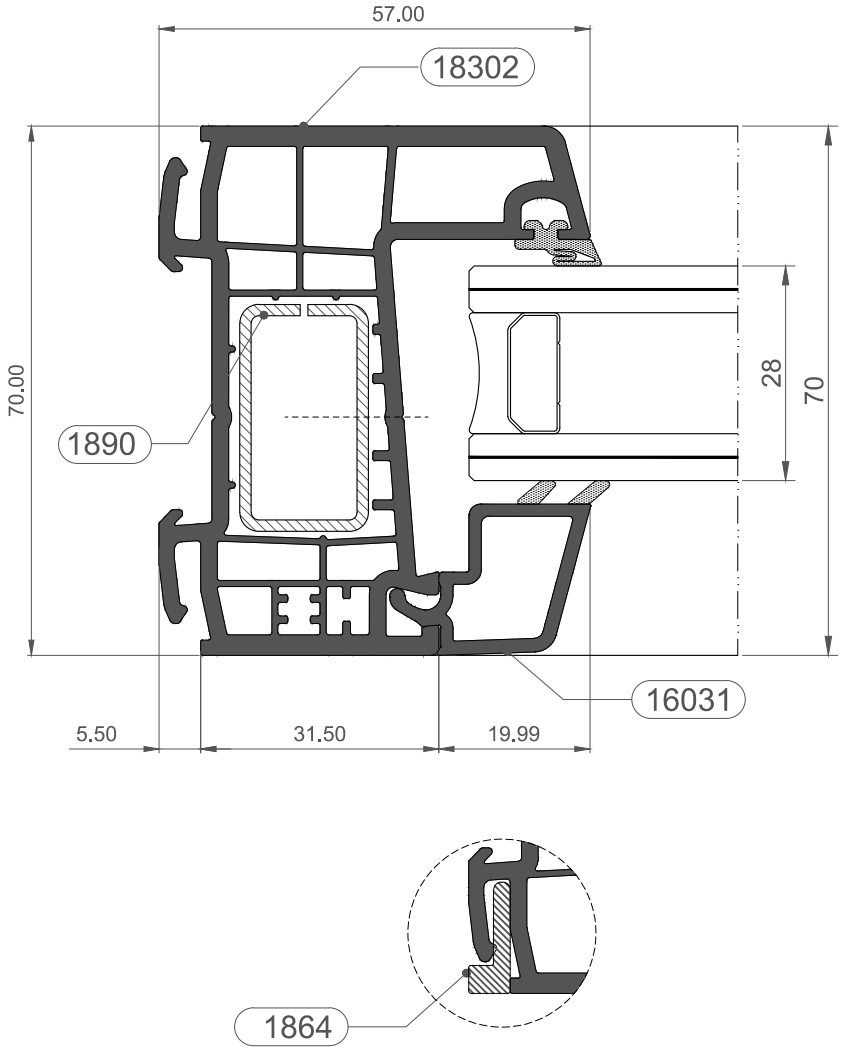
1:1



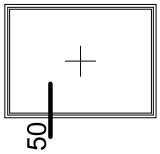


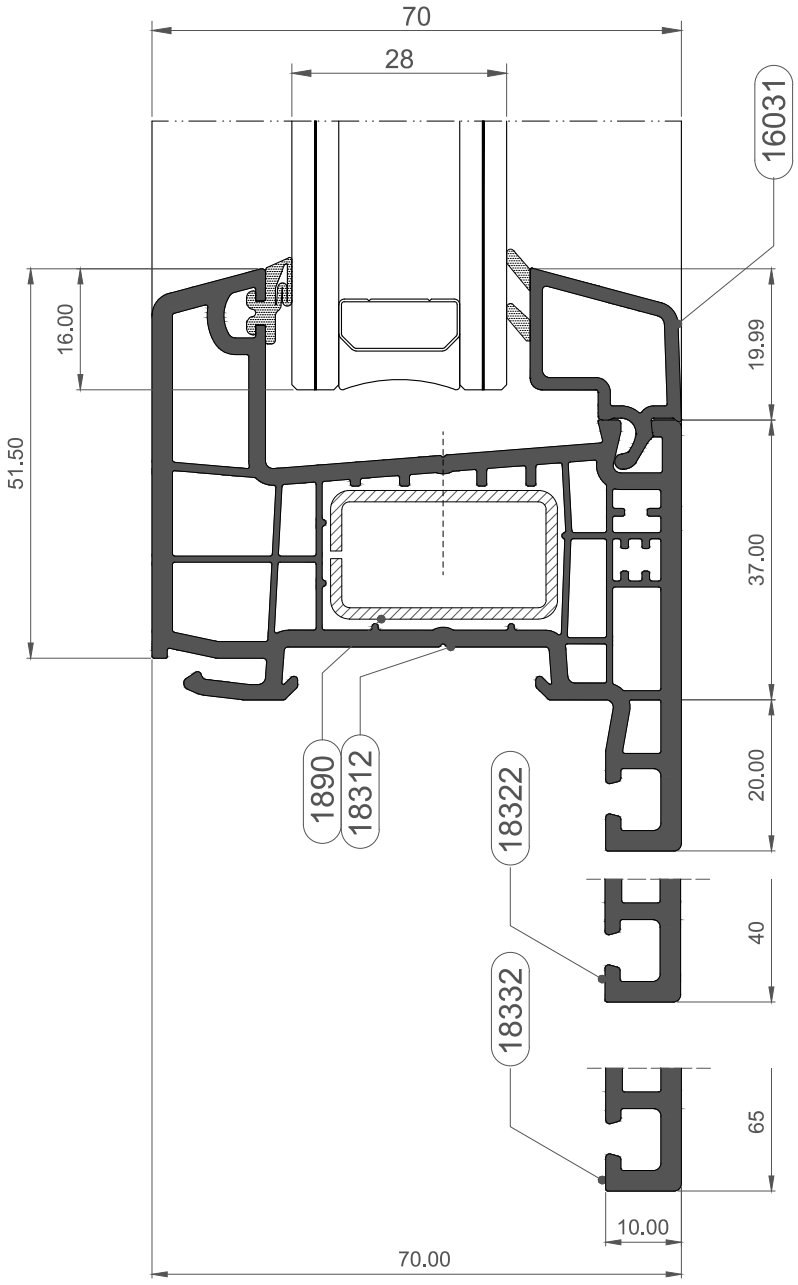
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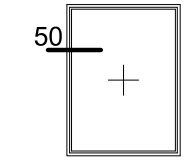


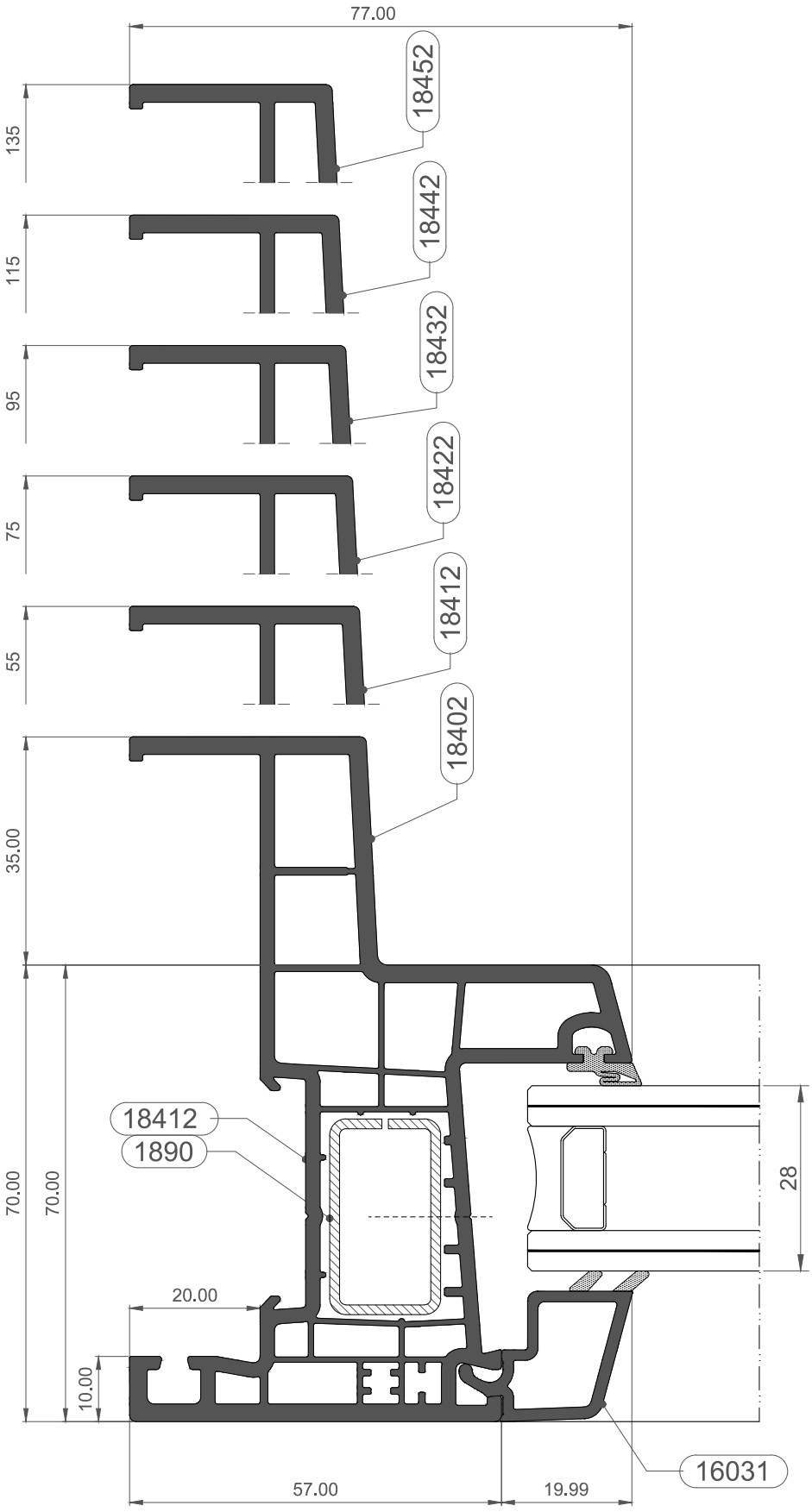
1:1


50


70
28
16031
16.00
19.99
51.50
37.00
20.00
1890
18312
18322
40
18332
65
10.00
70.00

1:1

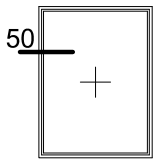

50

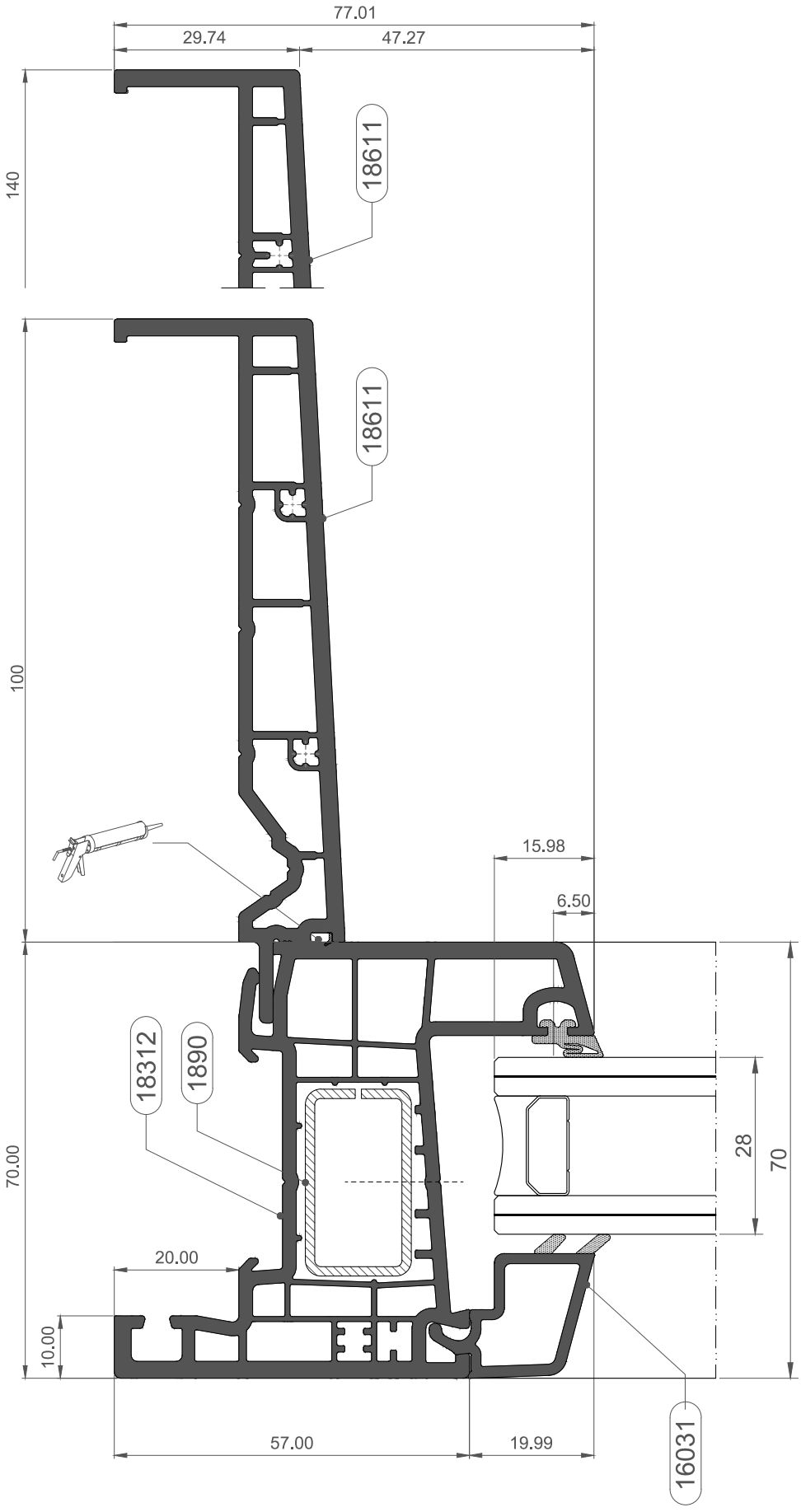

77.00
18452
18442
18432
18422
18412
18402
135
115
95
75
55
35.00
70.00
70.00
18412
1890
28
20.00
10.00
16031
57.00
19.99

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

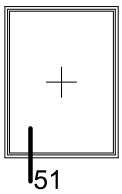
PVC SYSTEM A 70 HINGED
Constructives sections

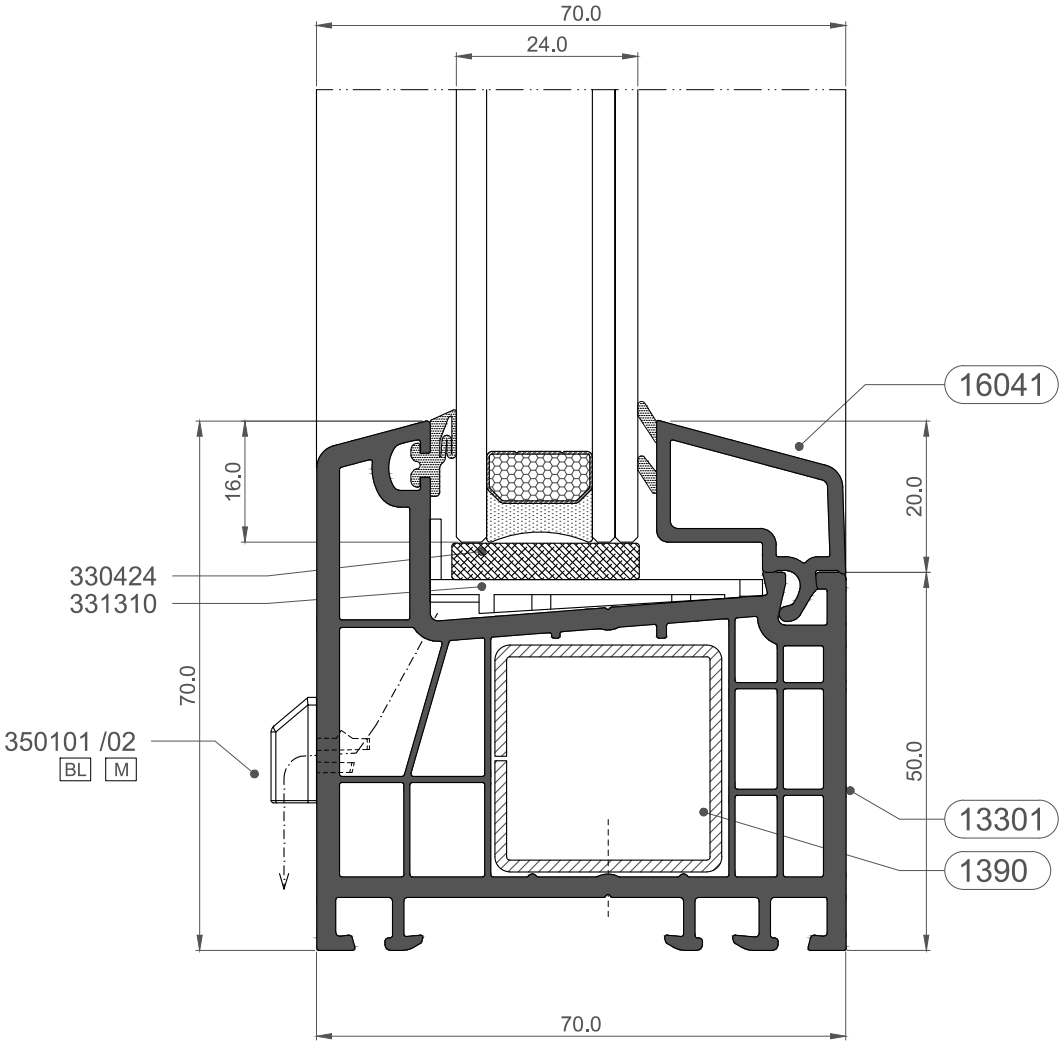
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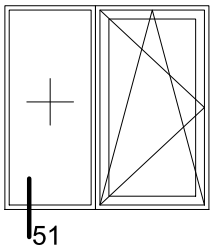


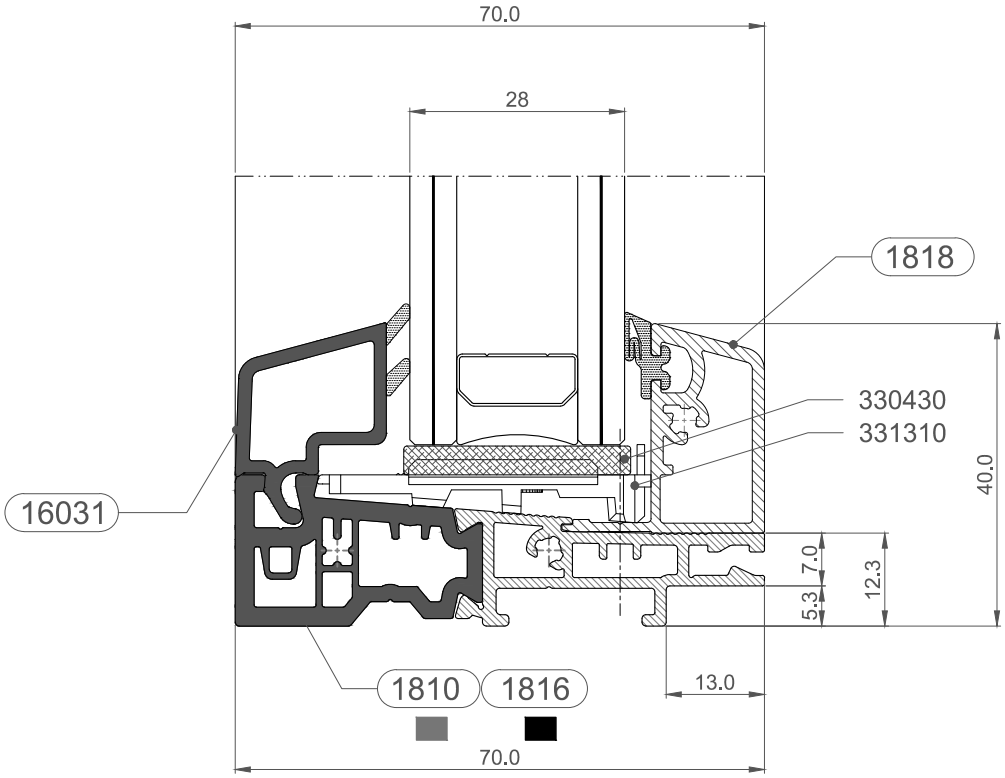
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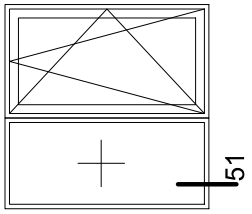

70.0
24.0
16041
16.0
20.0
330424
331310
70.0
350101 /02
BL
M
50.0
13301
1390
70.0

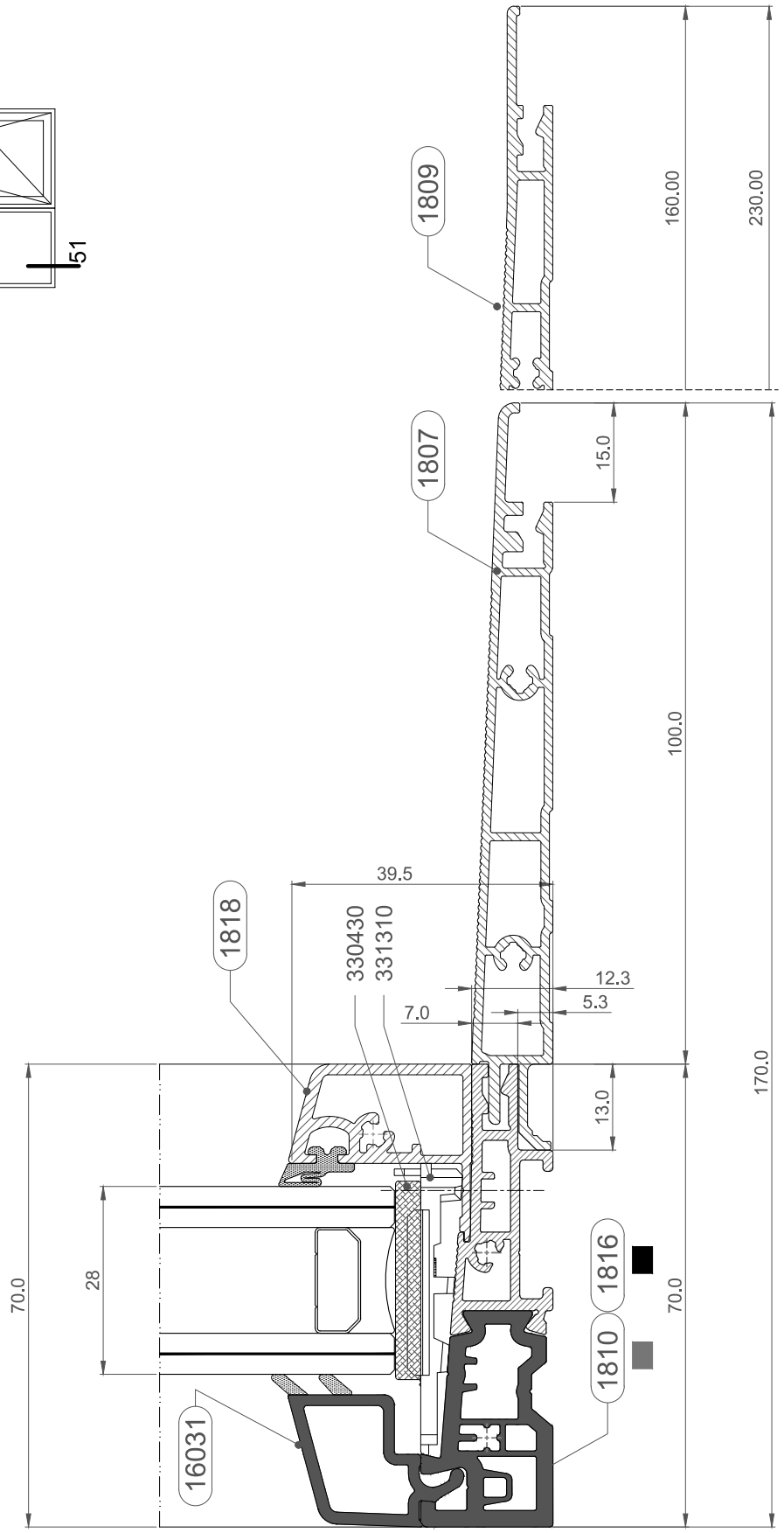
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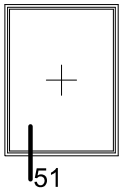

70.0
28
1818
330430
331310
16031
40.0
7.0
5.3
12.3
1810
1816
13.0
70.0

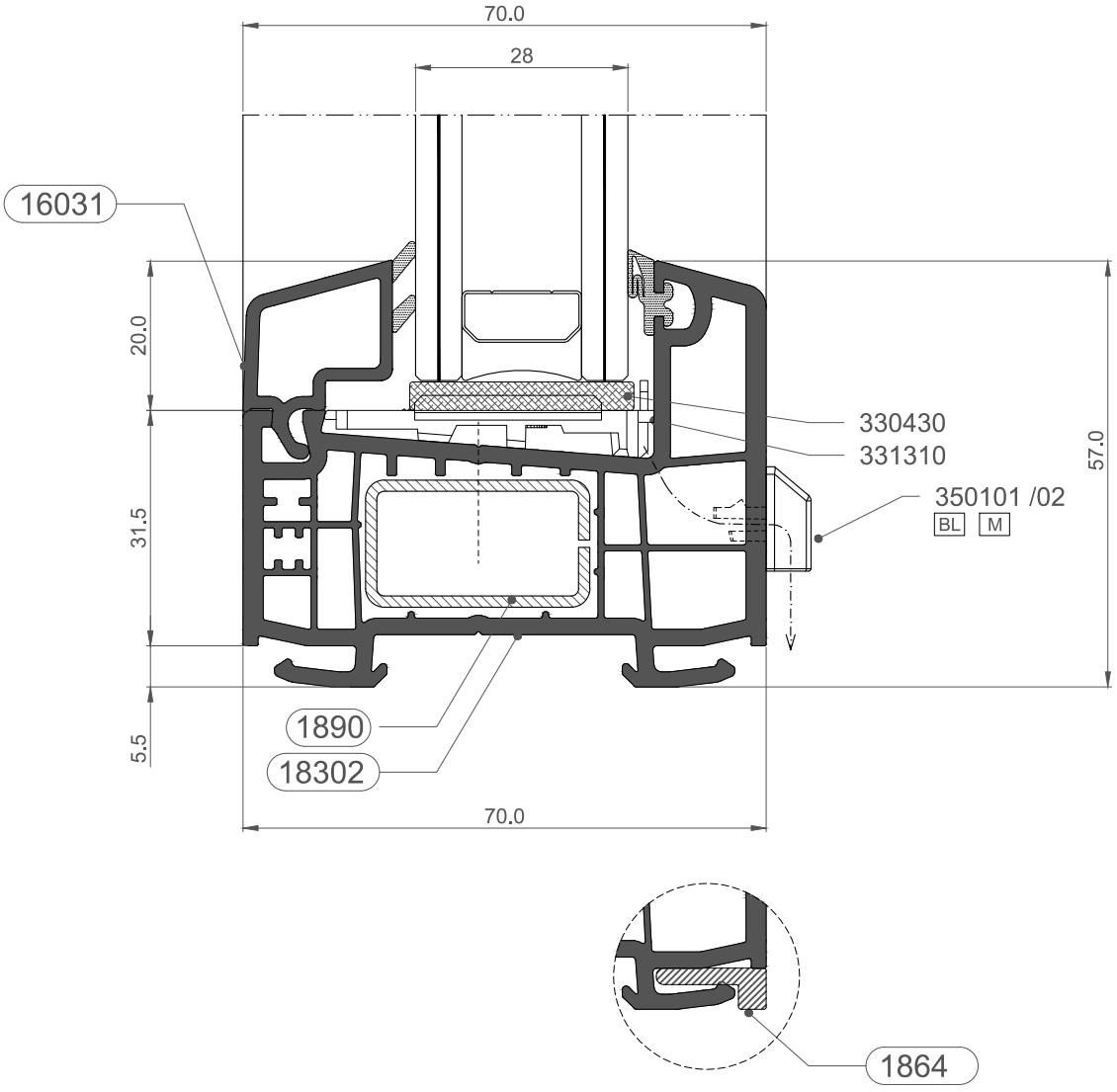
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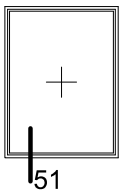

1809
160.00
230.00
1807
15.0
100.0
39.5
1818
330430
331310
12.3
5.3
7.0
170.0
13.0
70.0
28
70.0
1816
1810
16031

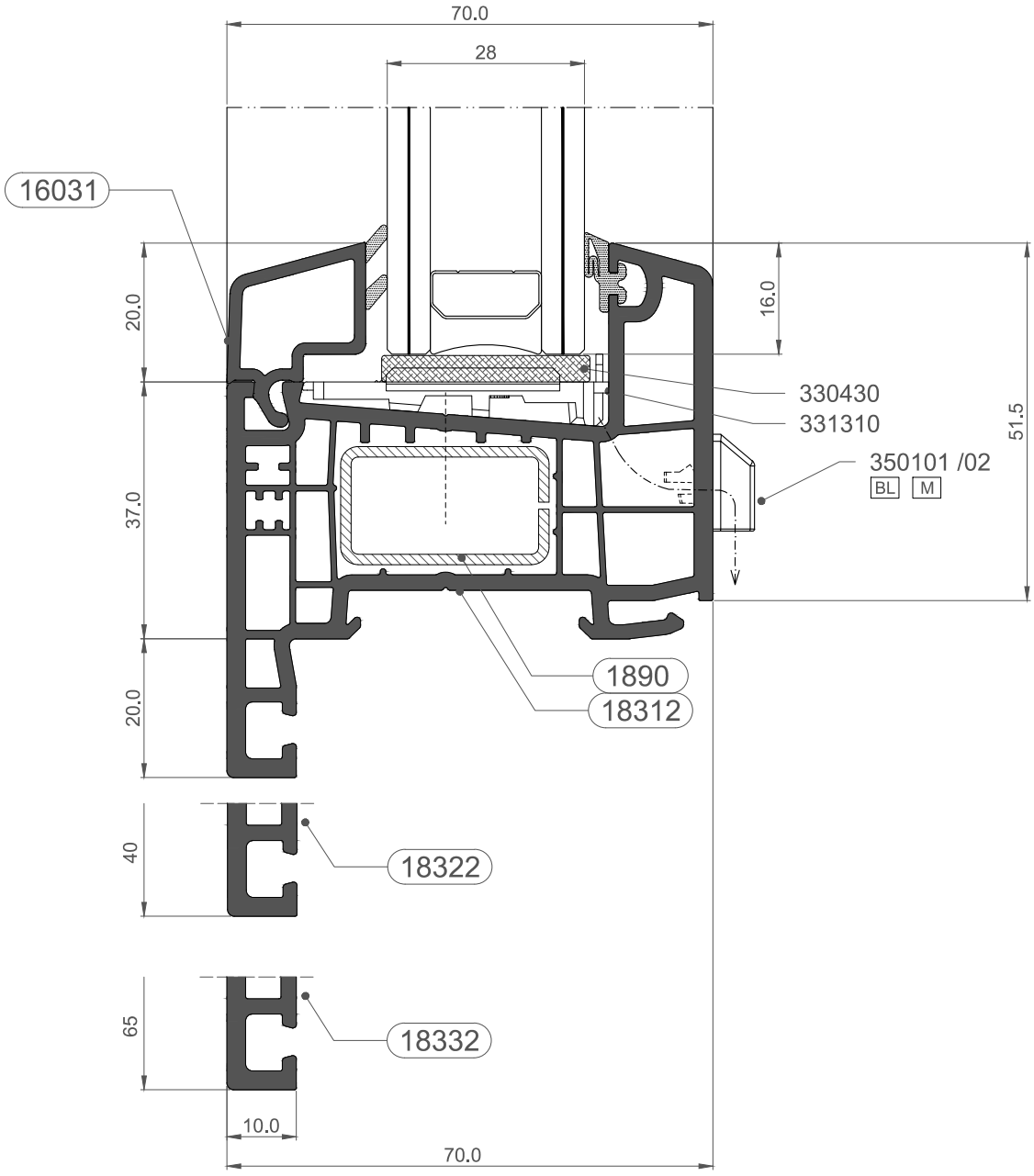
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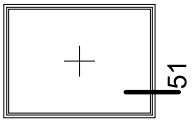

70.0
28
16031
20.0
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5.5
330430
331310
350101 /02
BL
M
57.0
1890
18302
70.0
1864

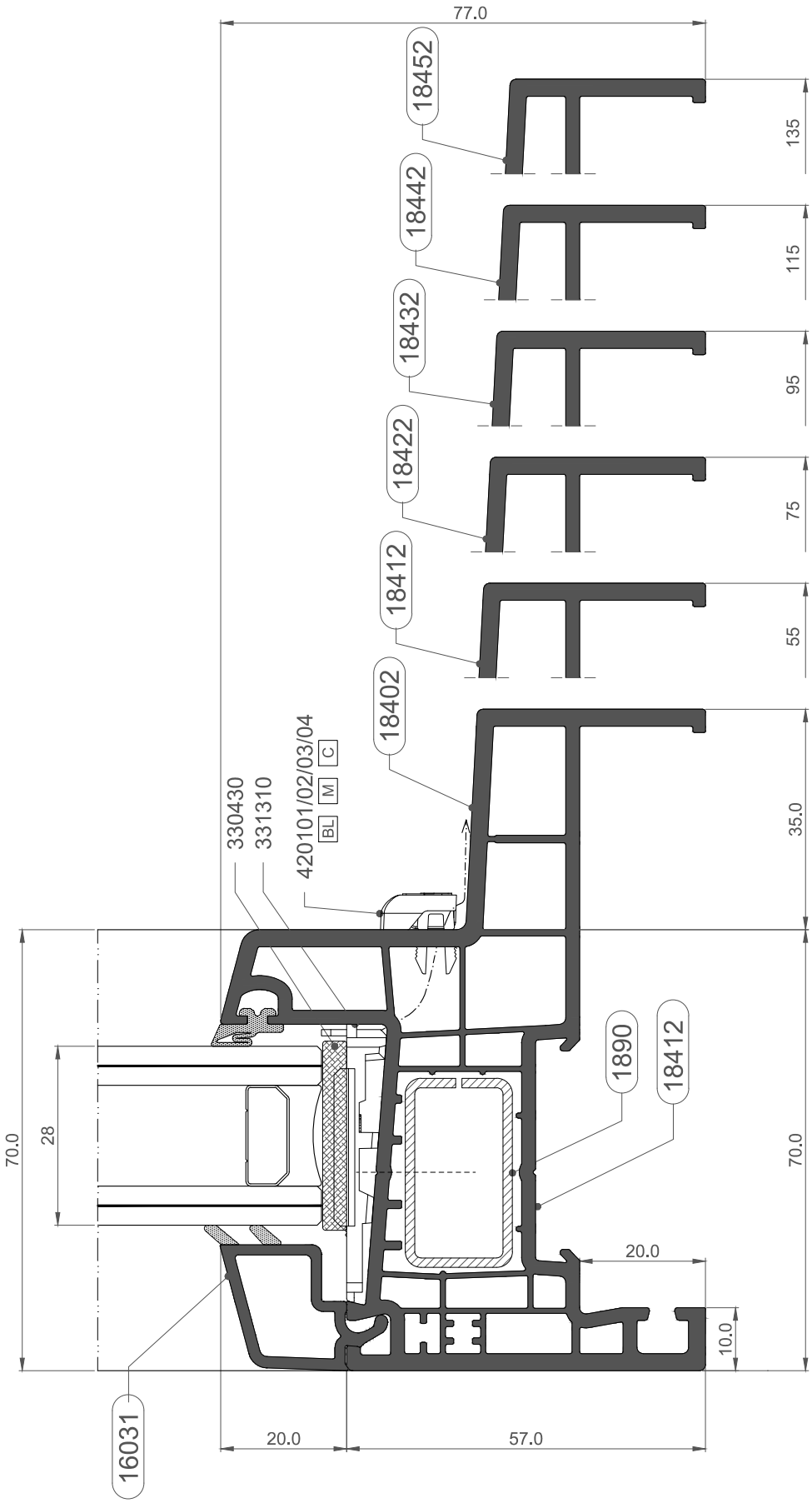
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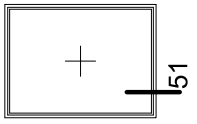

70.0
28
16031
20.0
37.0
20.0
40
65
10.0
70.0
16.0
51.5
330430
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350101 /02
BL
M
1890
18312
18322
18332

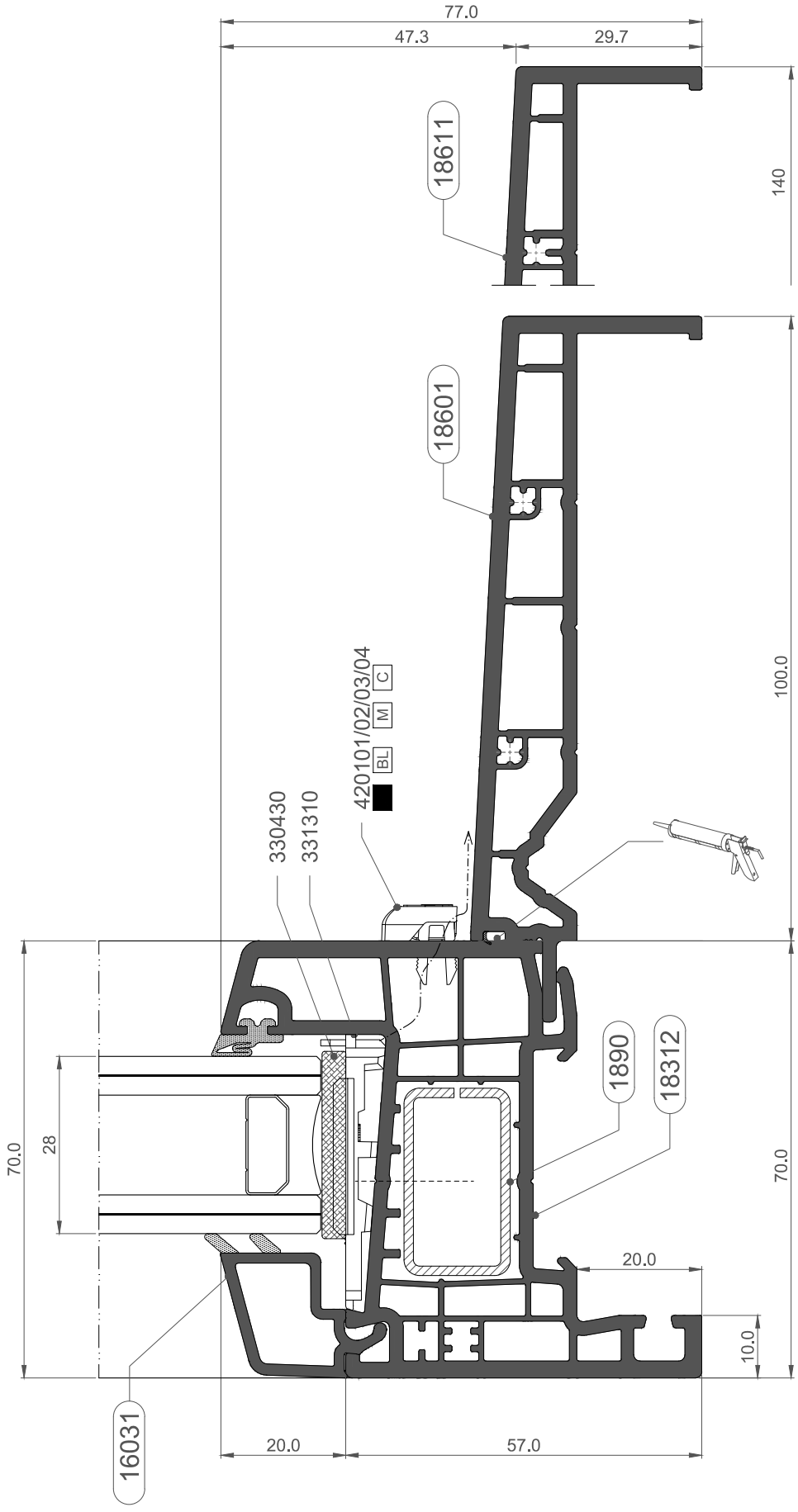
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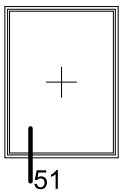

77.0
18452
135
18442
115
18432
95
18422
75
18412
55
18402
35.0
330430
331310
420101/02/03/04
BL M C
1890
18412
70.0
28
70.0
20.0
10.0
16031
20.0
57.0

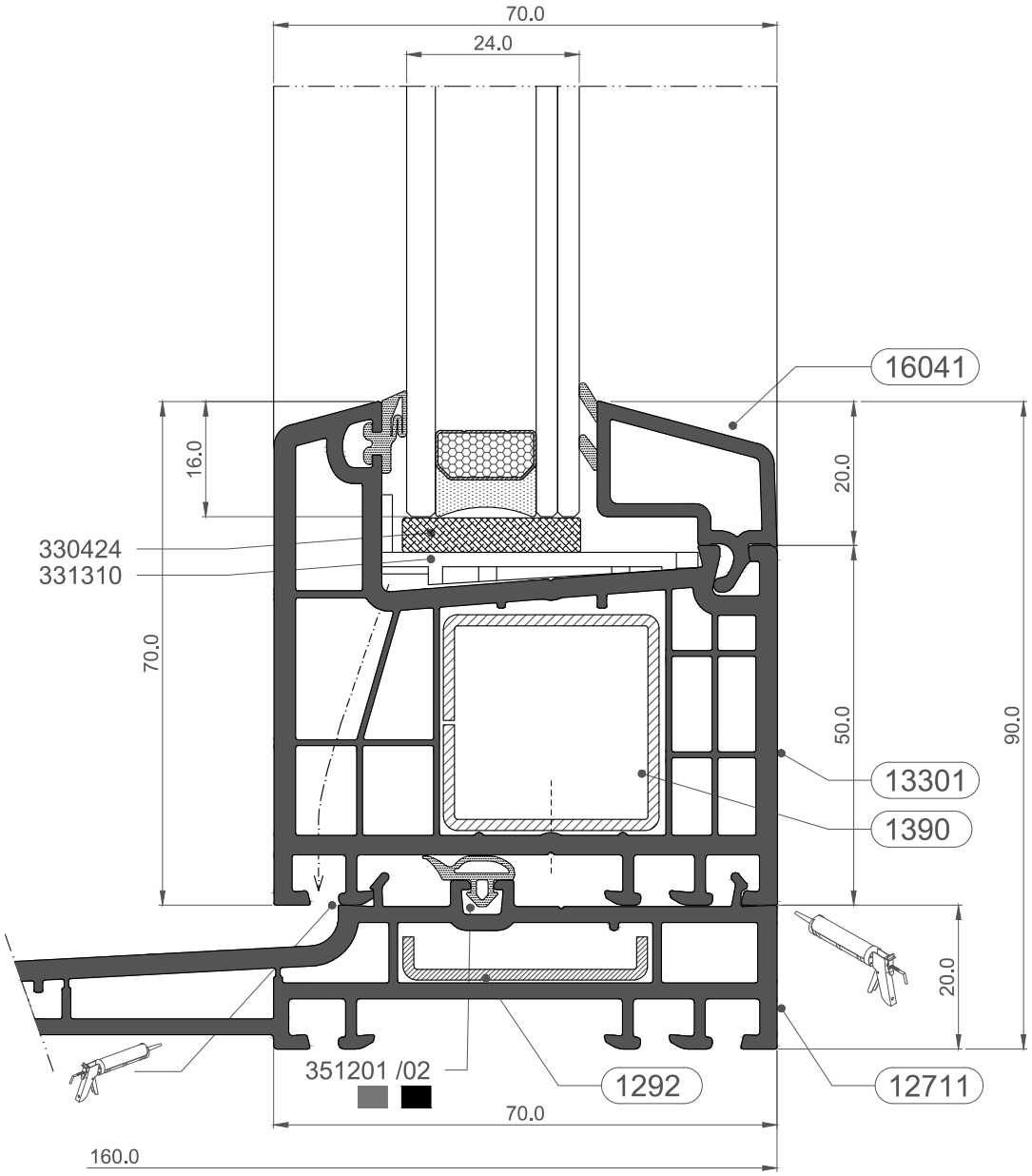
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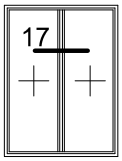

77.0
47.3
29.7
18611
140
18601
100.0
420101/02/03/04
M
C
BL
330430
331310
1890
18312
70.0
28
70.0
20.0
10.0
16031
20.0
57.0

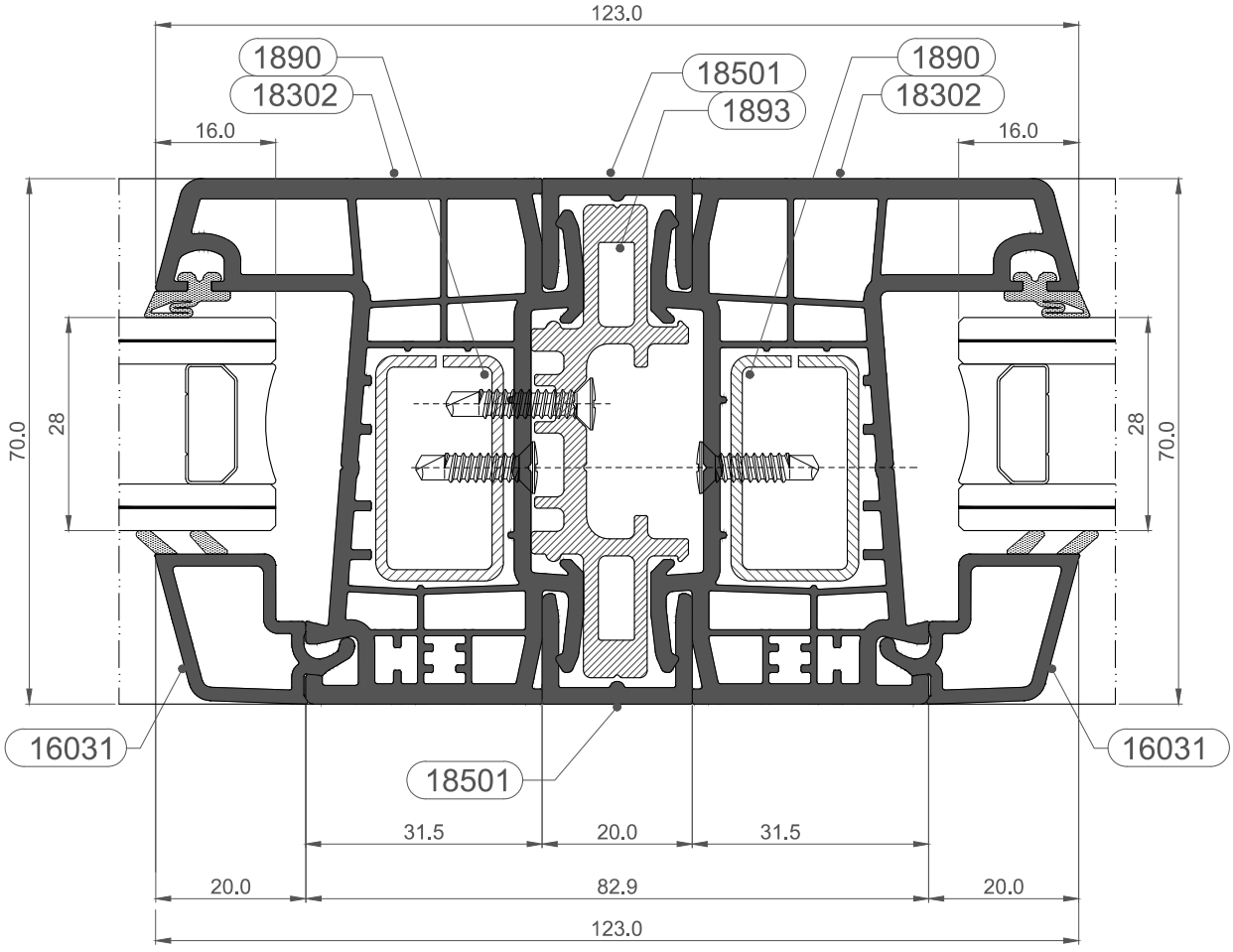
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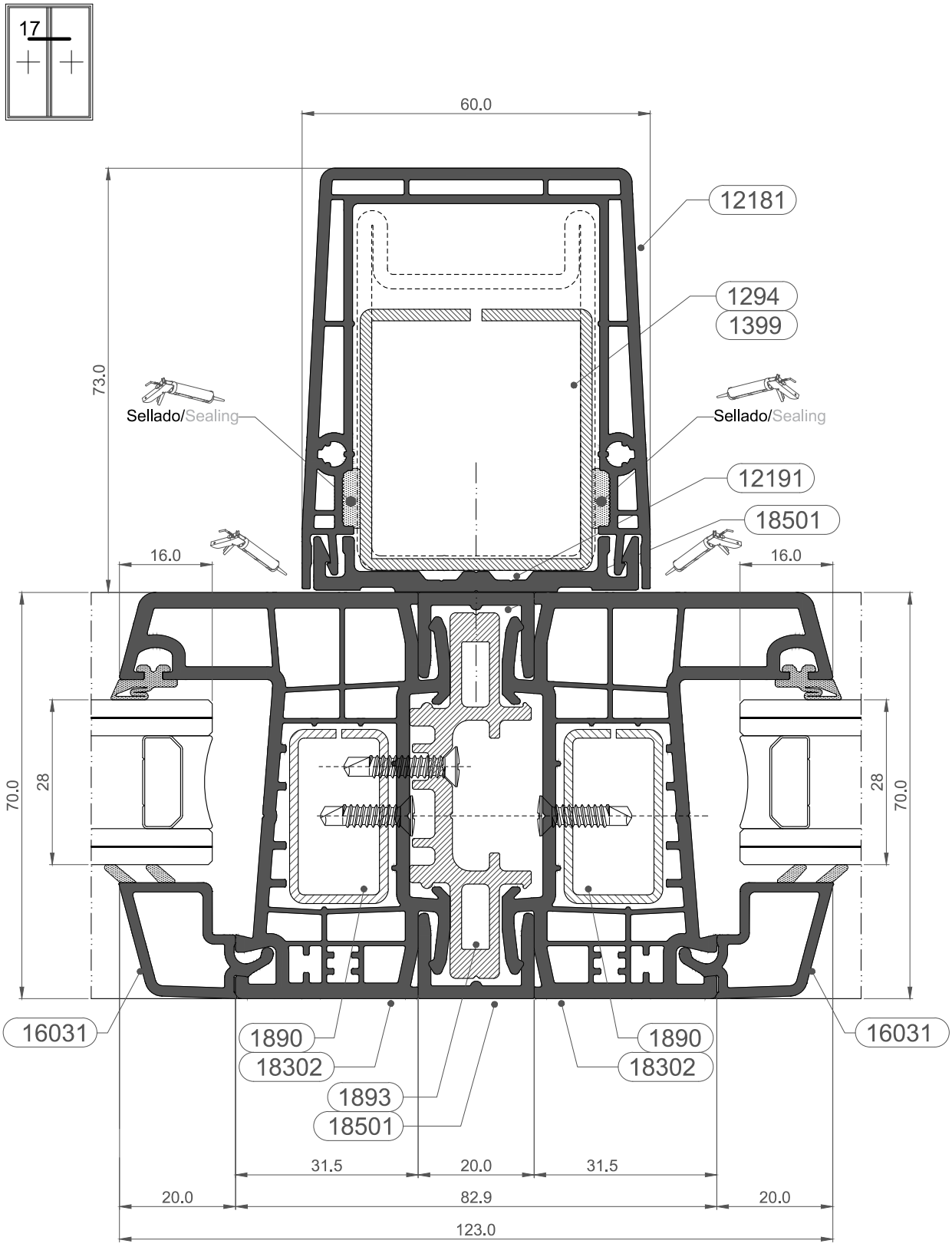

70.0
24.0
16041
16.0
20.0
330424
331310
70.0
50.0
90.0
13301
1390
20.0
351201 /02
1292
12711
70.0
160.0

1:1


17

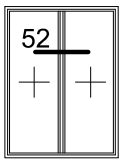

123.0
1890
18302
18501
1893
1890
18302
16.0
16.0
70.0
28
28
70.0
16031
16031
18501
31.5
20.0
31.5
20.0
82.9
20.0
123.0

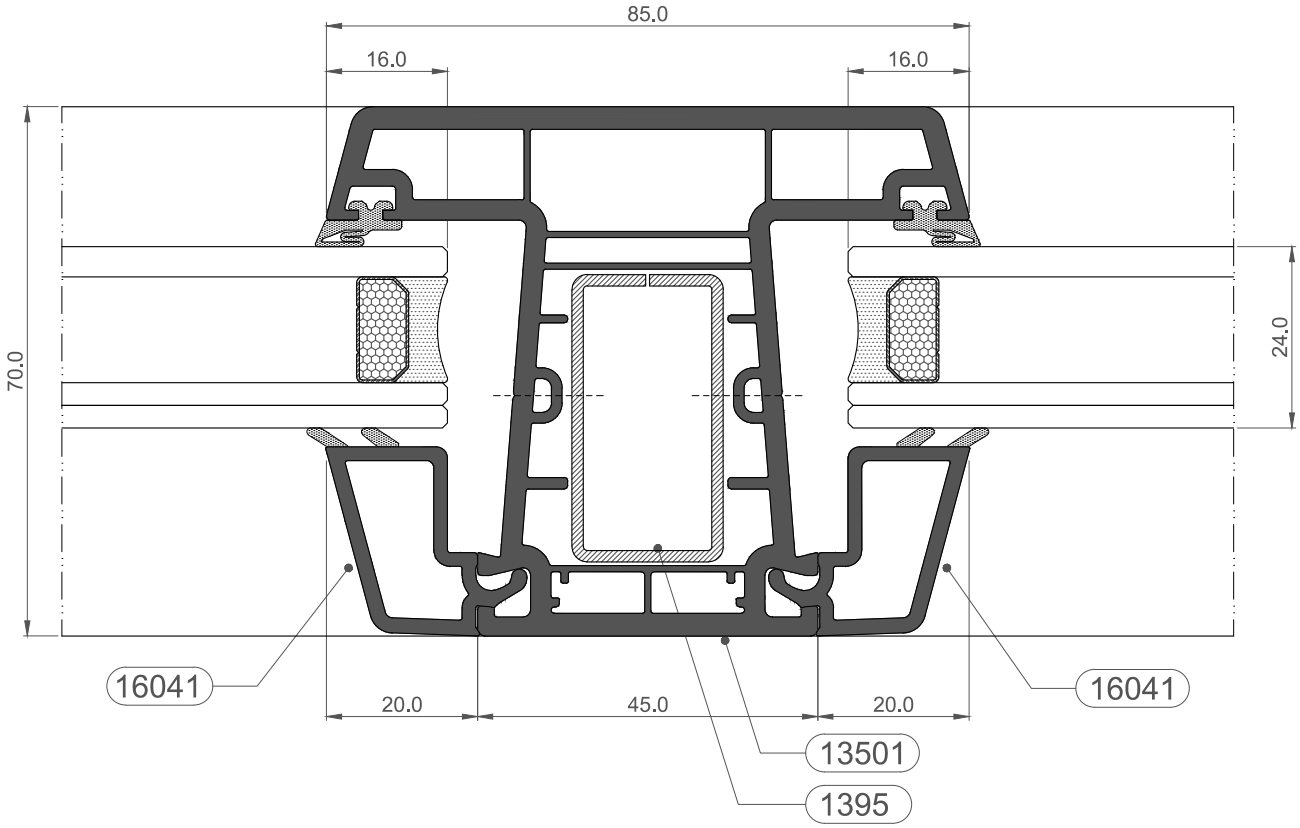
1:1



NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.
NOTE:
Solution not available in compositions that incorporate an exterior opening.

1:1

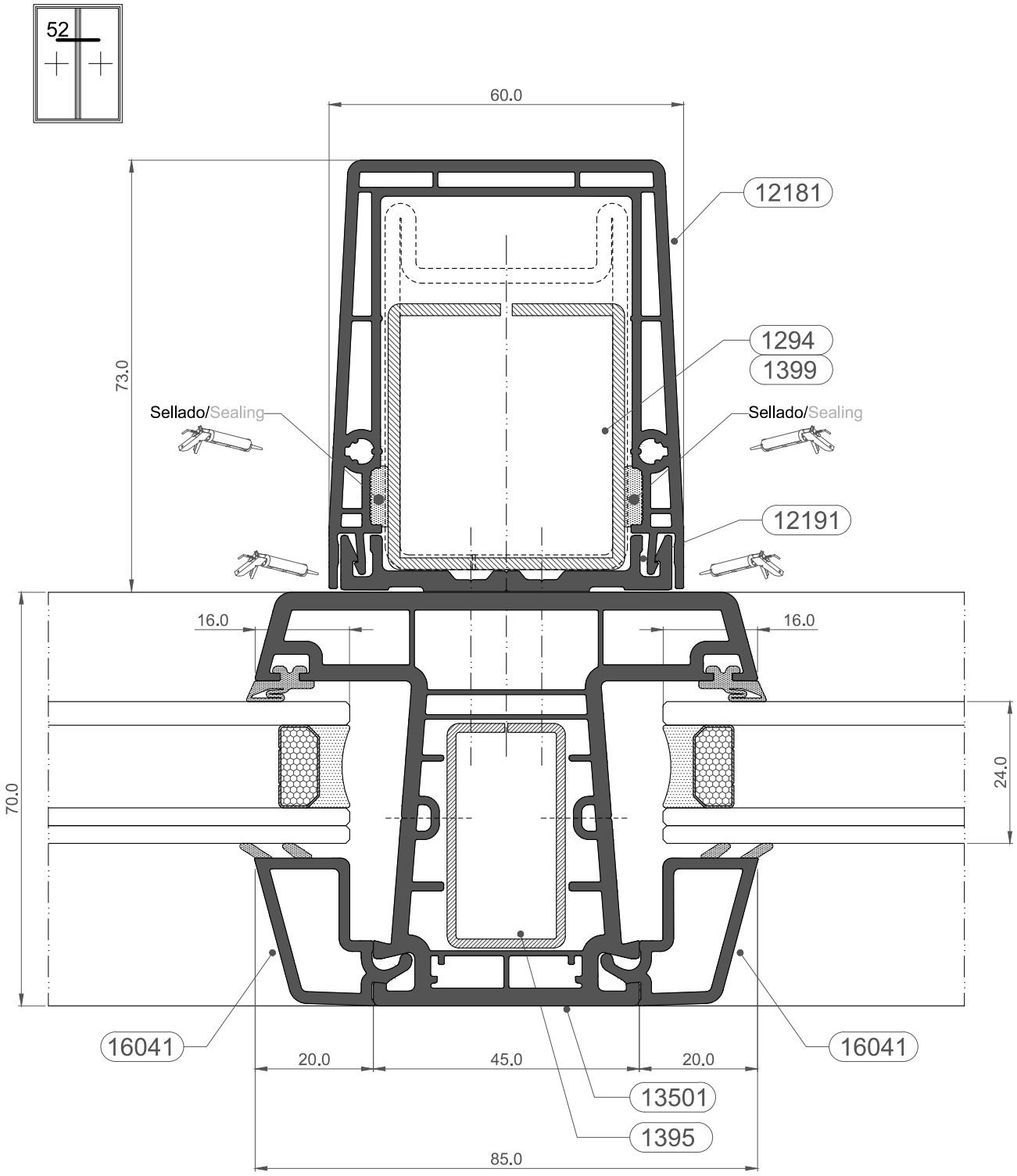




NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.

NOTE:
Solution not available in compositions that incorporate an exterior opening.

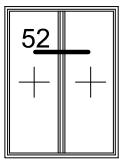
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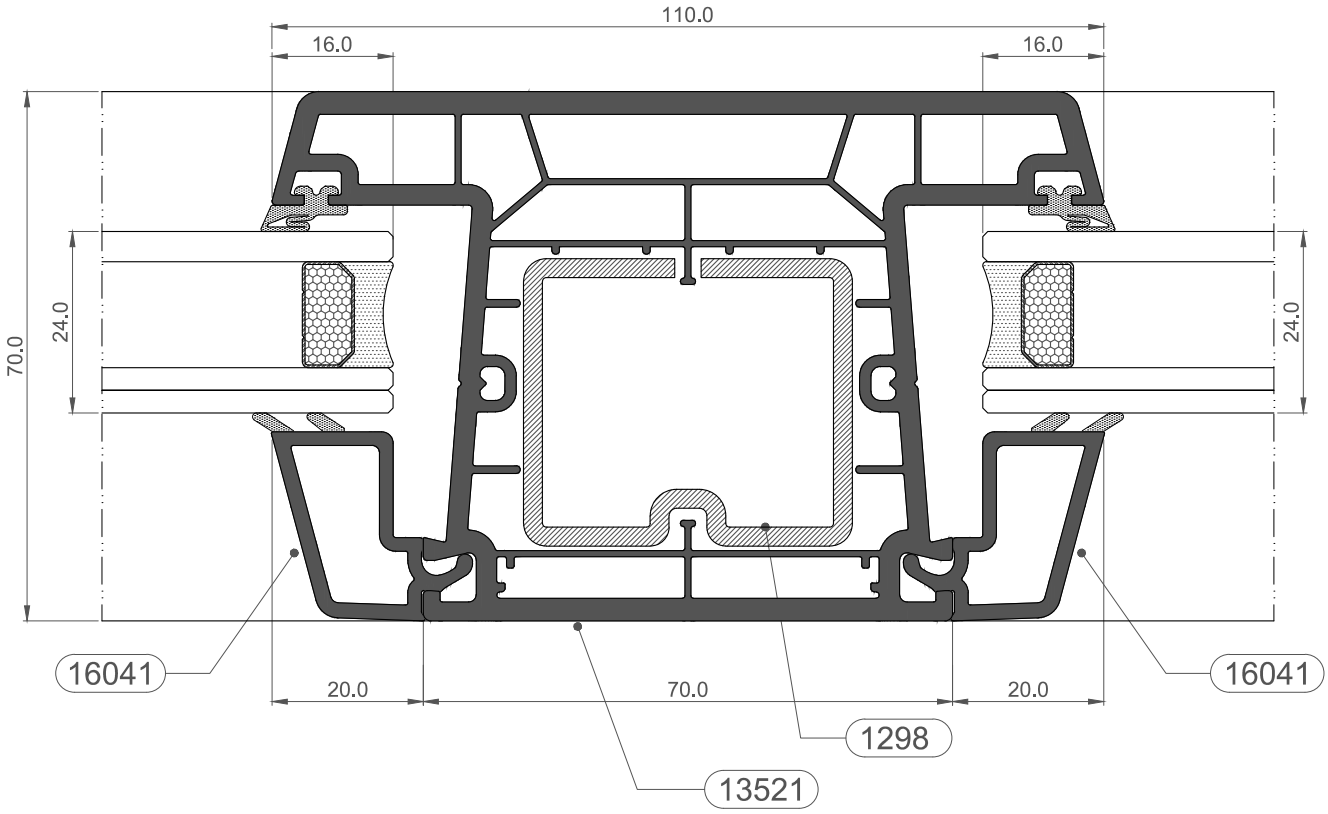


NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.

NOTE:
Solution not available in compositions that incorporate an exterior opening.

1:1

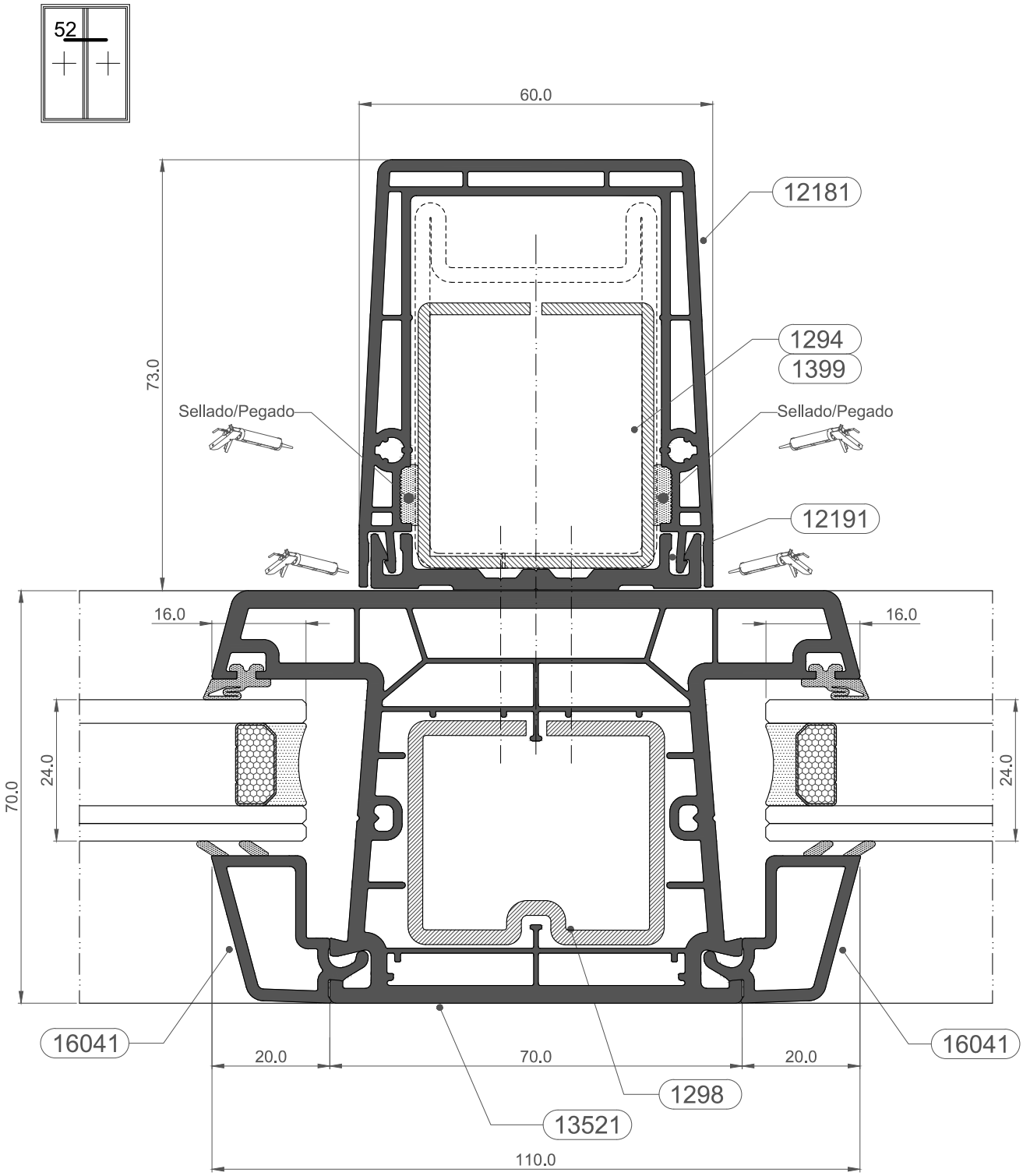




NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.Válido para composiciones con doble apertura.

NOTE:
Solution not available in compositions that incorporate an exterior opening.Valid for compositions with doble opening.

1:1



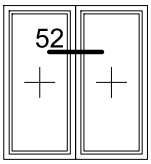
NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.Válido para composiciones con doble apertura.

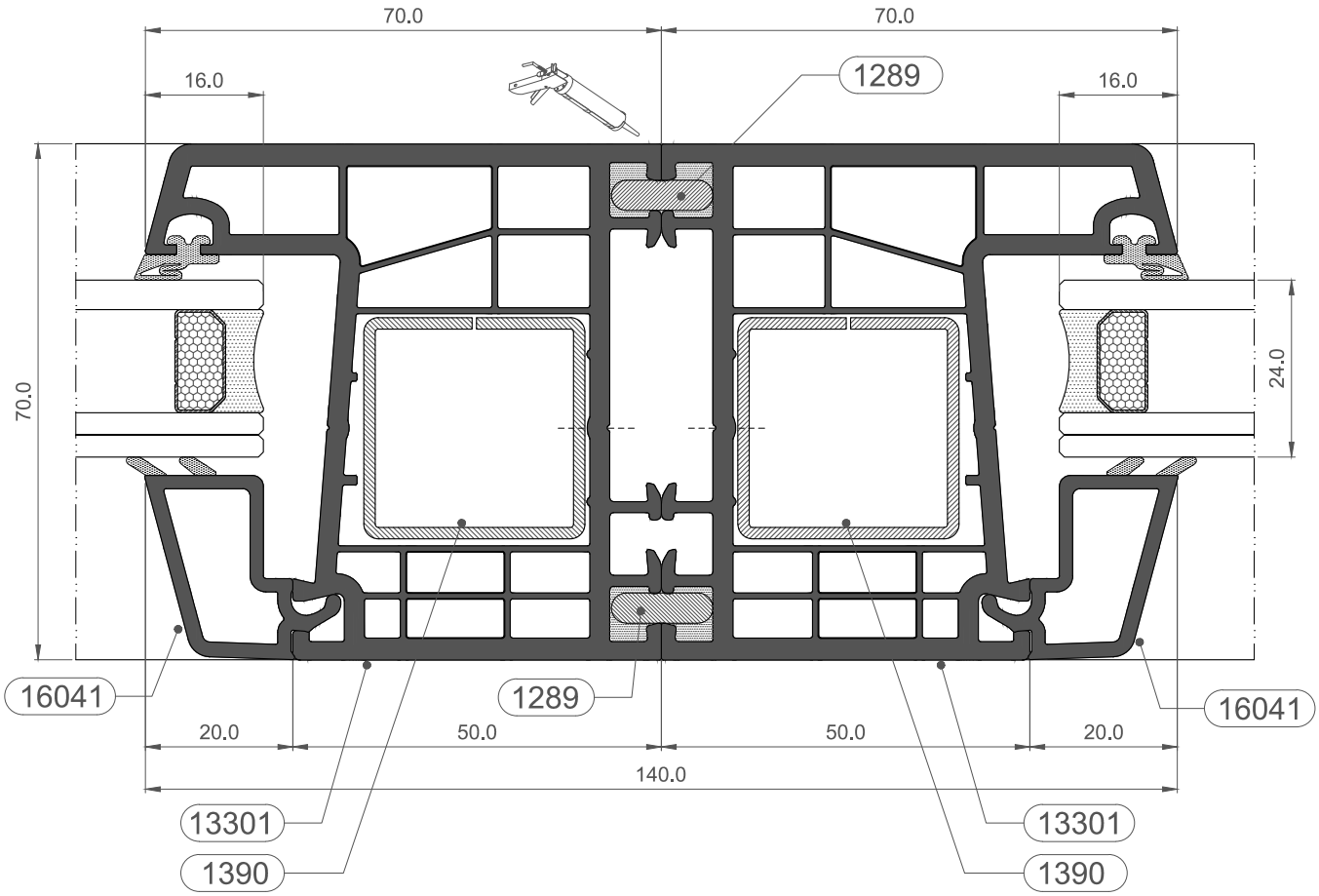
NOTE:
Solution not available in compositions that incorporate an exterior opening.Valid for compositions with doble opening.

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

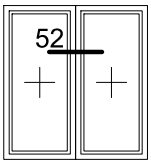
PVC SYSTEM A 70 HINGED
Constructives sections

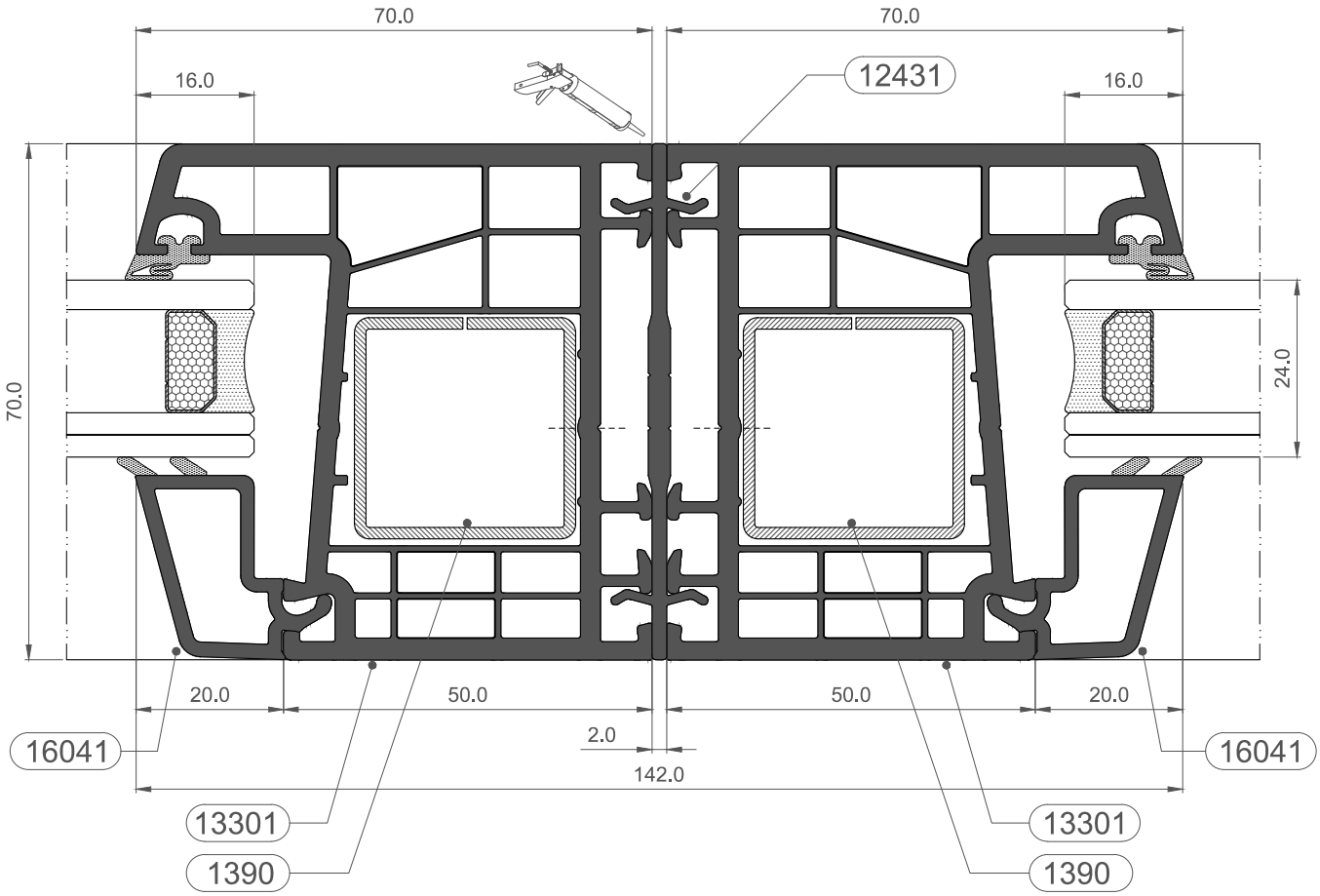
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1:1

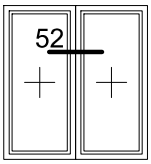

52

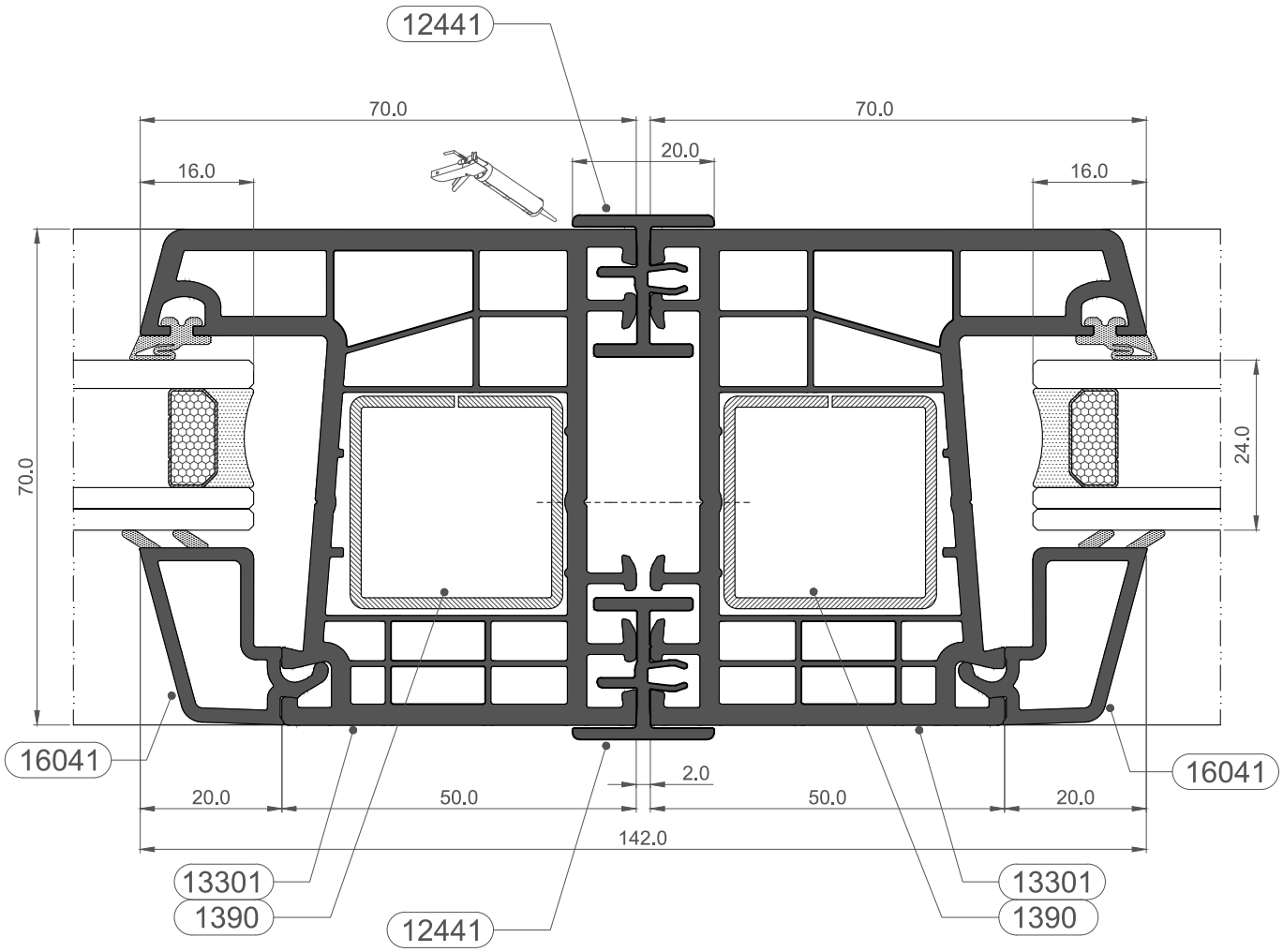

70.0
70.0
16.0
16.0
12431
70.0
24.0
20.0
50.0
50.0
20.0
2.0
142.0
16041
16041
13301
13301
1390
1390

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

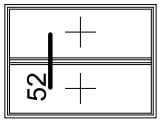
PVC SYSTEM A 70 HINGED
Constructives sections

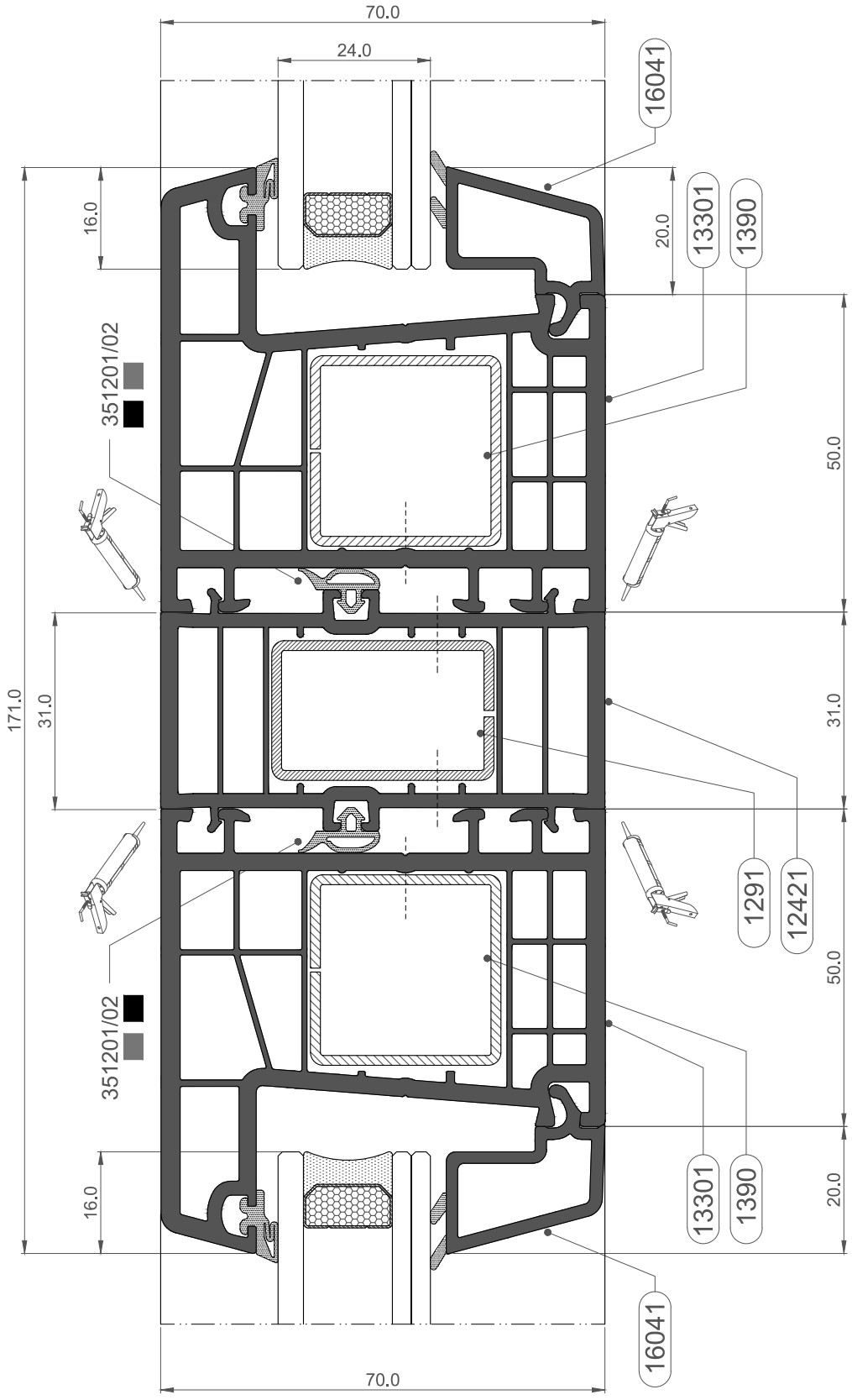
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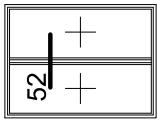


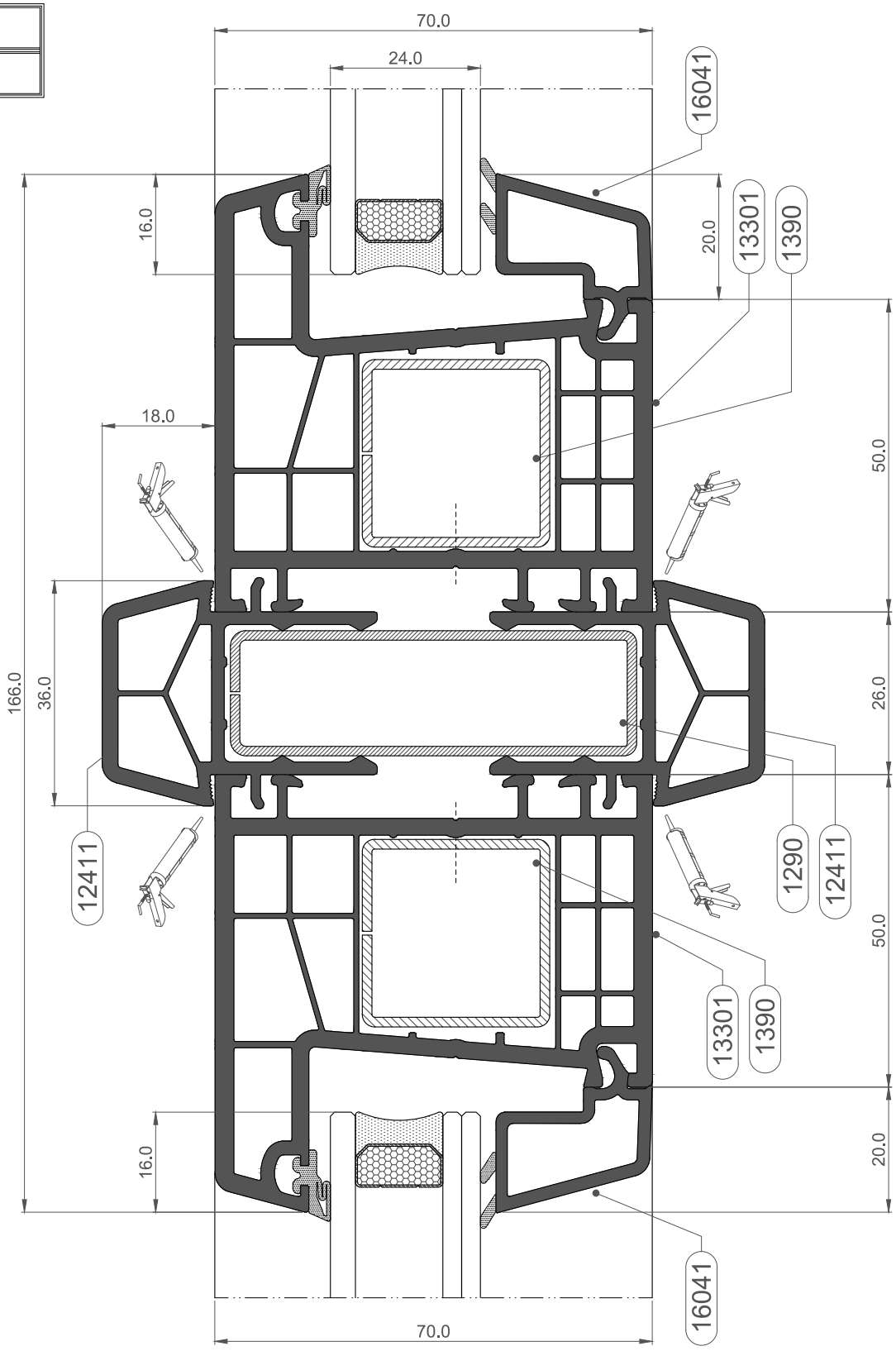
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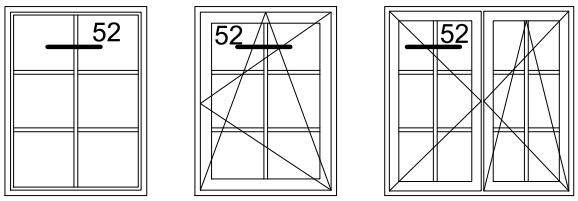

70.0
24.0
16041
16.0
20.0
13301
1390
351201/02
50.0
171.0
31.0
31.0
1291
12421
50.0
351201/02
16.0
13301
1390
20.0
16041
70.0

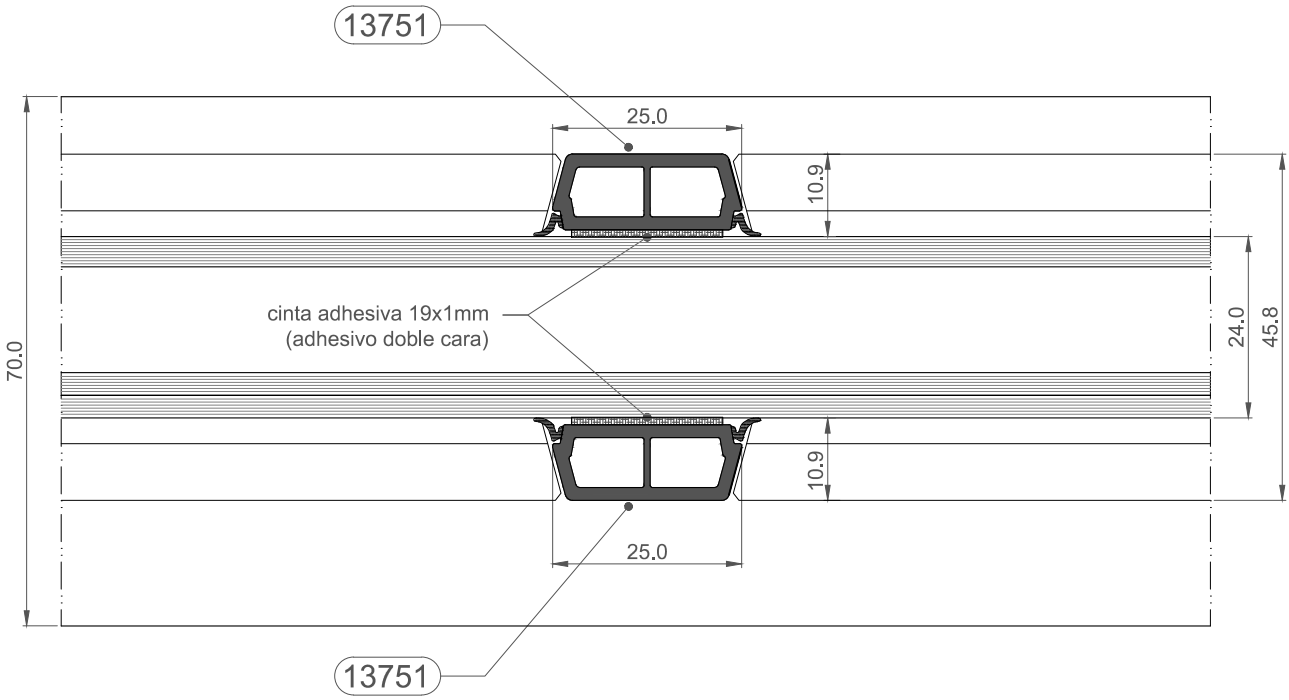
1:1


52


70.0
24.0
16041
16.0
20.0
13301
1390
18.0
50.0
166.0
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26.0
12411
1290
12411
50.0
13301
1390
16.0
20.0
16041
70.0

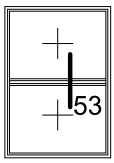
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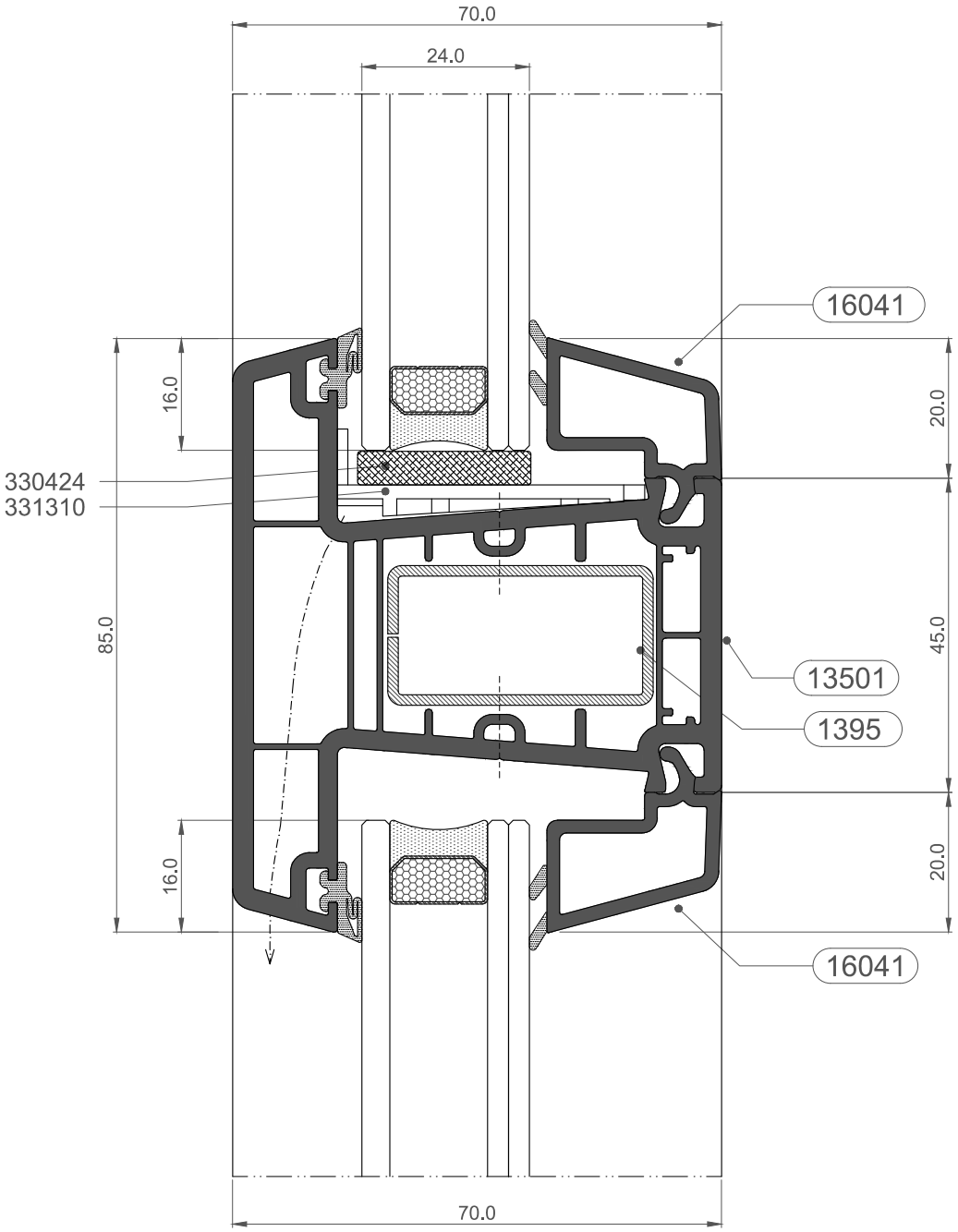




Nota:
Barrotillo divisor de vidrio 13751 combinable por el interior de la ventana/balconera con los junquillos 16021, 16031, 16041, 12051, 12061 y 12071. No combinable con el junquillo 16011.

1:1





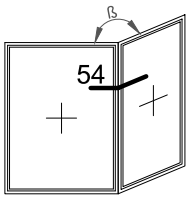
NOTA:
Solución no aplicable en composiciones que incorporen una apertura exterior.

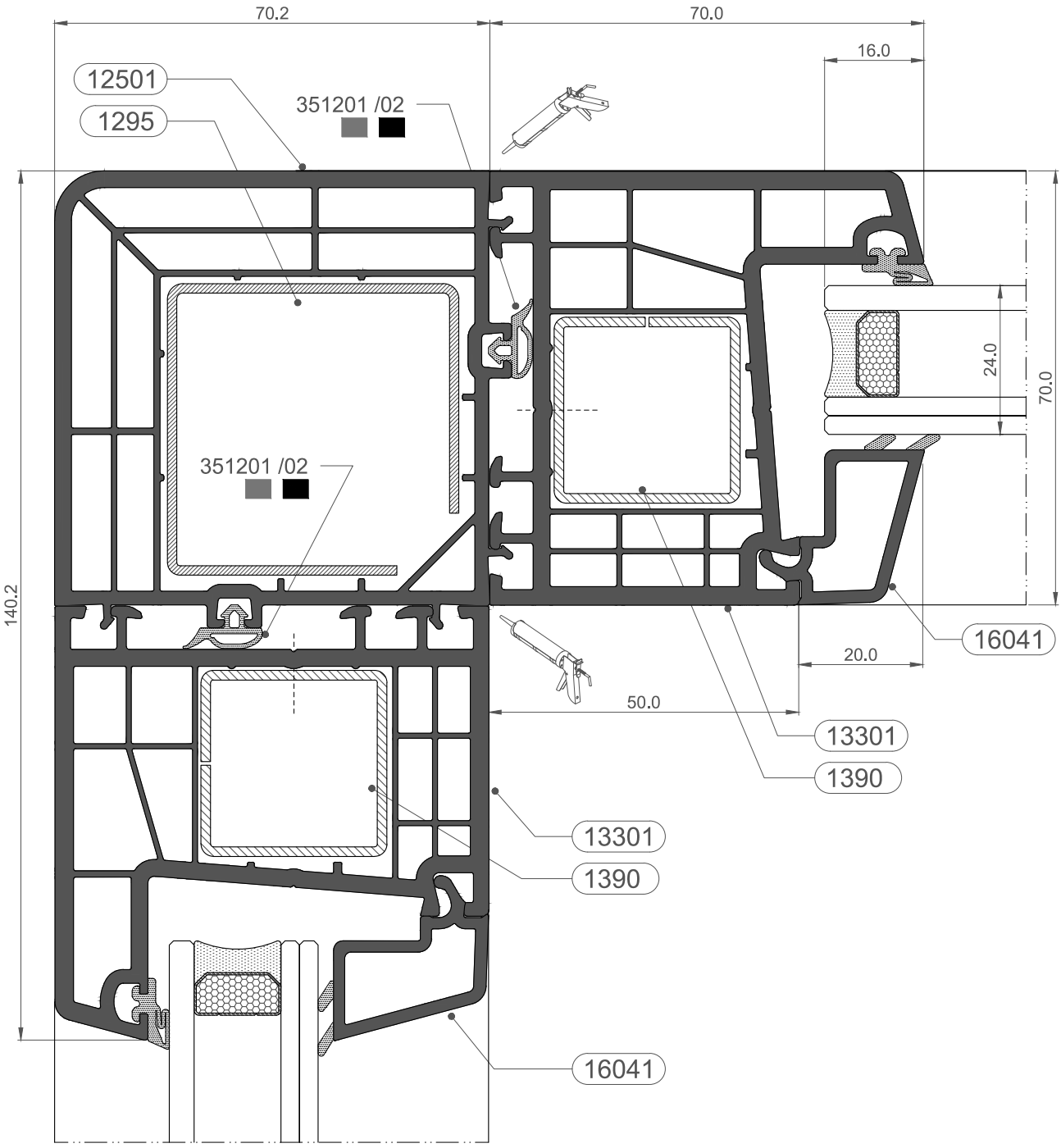
NOTE:
Solution not available in compositions that incorporate an exterior opening.

SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

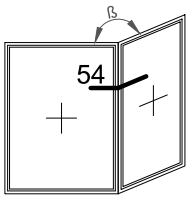
PVC SYSTEM A 70 HINGED
Constructives sections

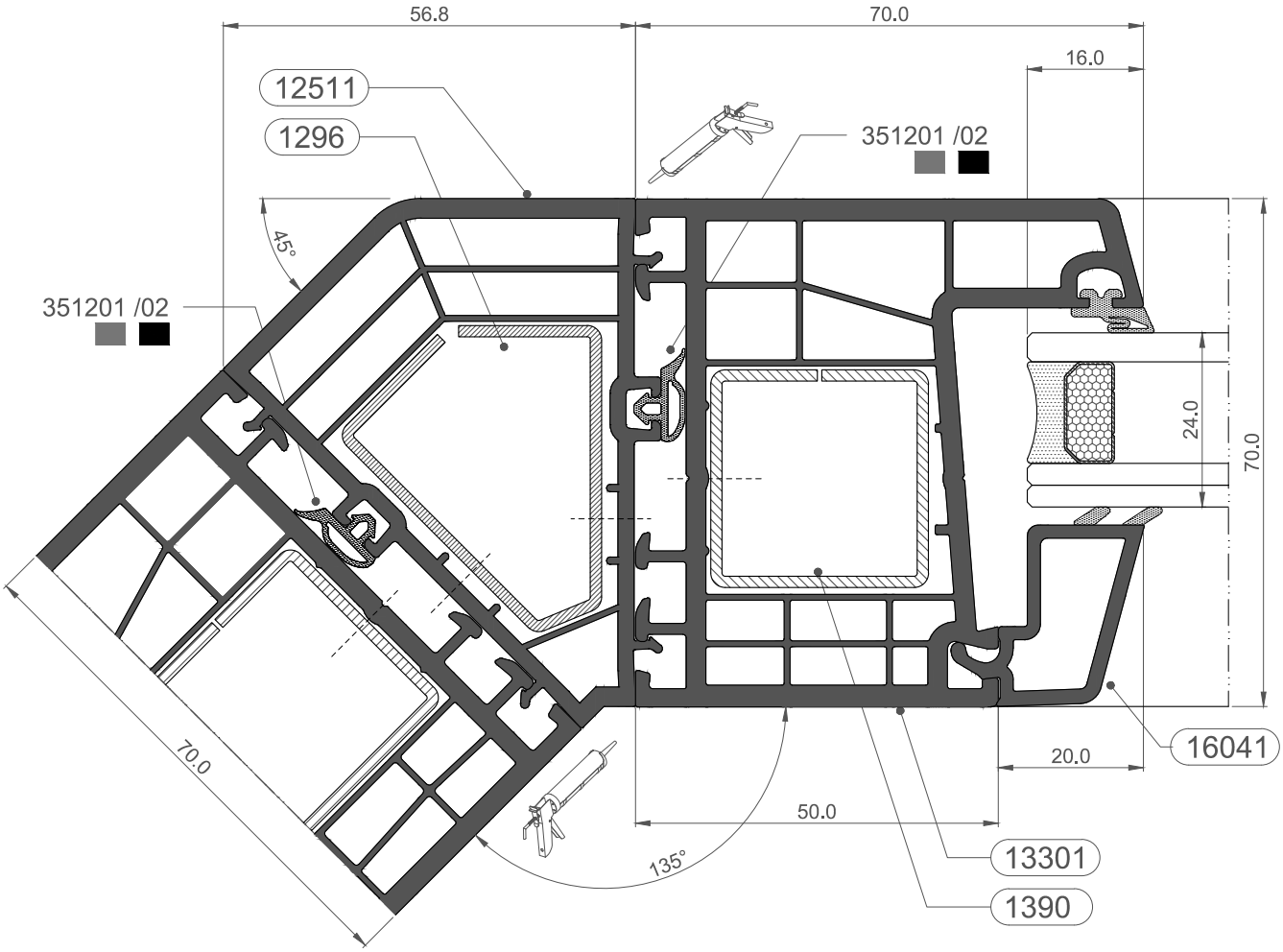
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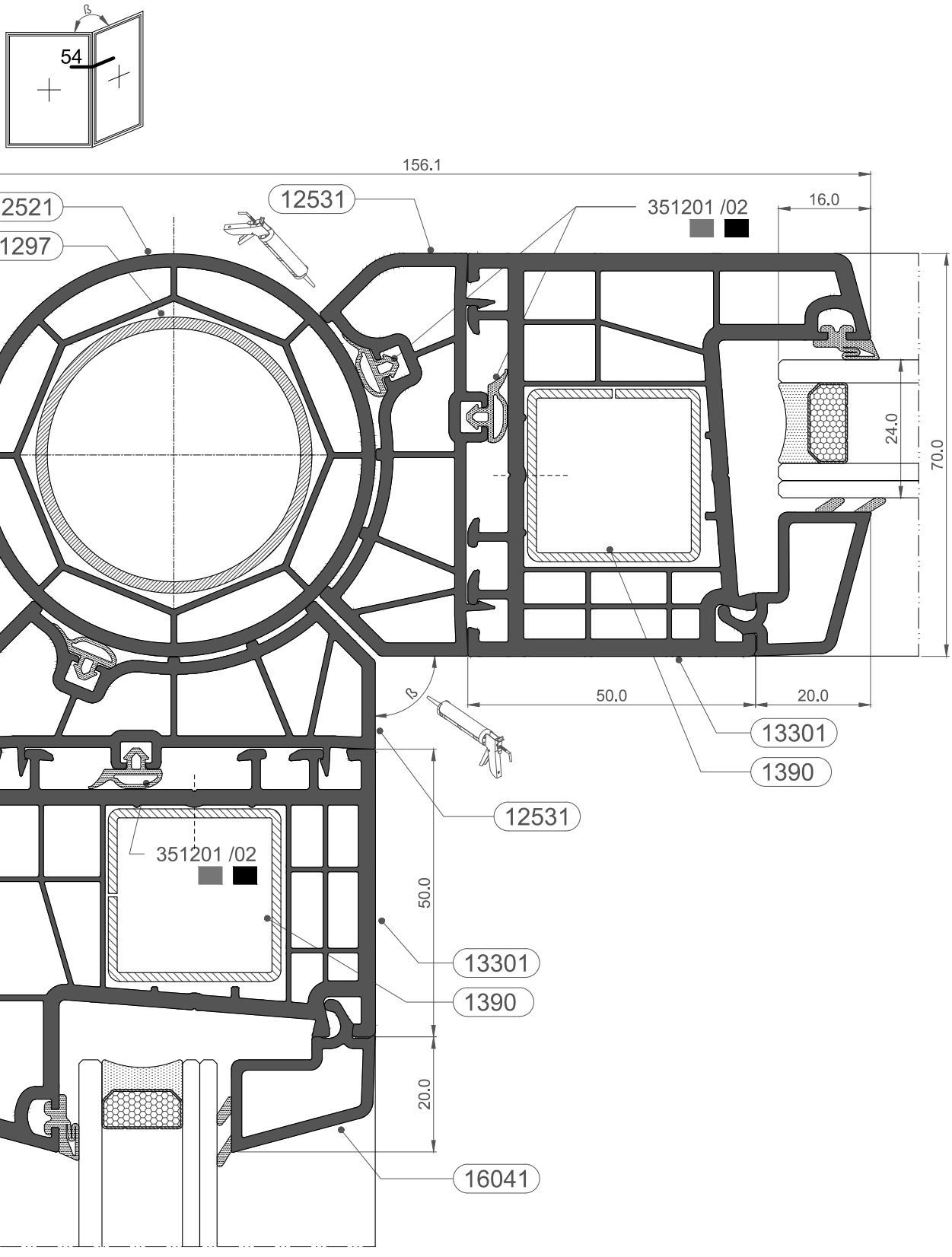


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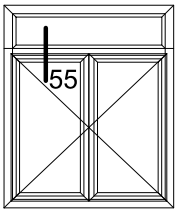

ß
54


56.8
70.0
16.0
12511
1296
351201 /02
45°
351201 /02
24.0
70.0
70.0
16041
20.0
50.0
135°
13301
1390

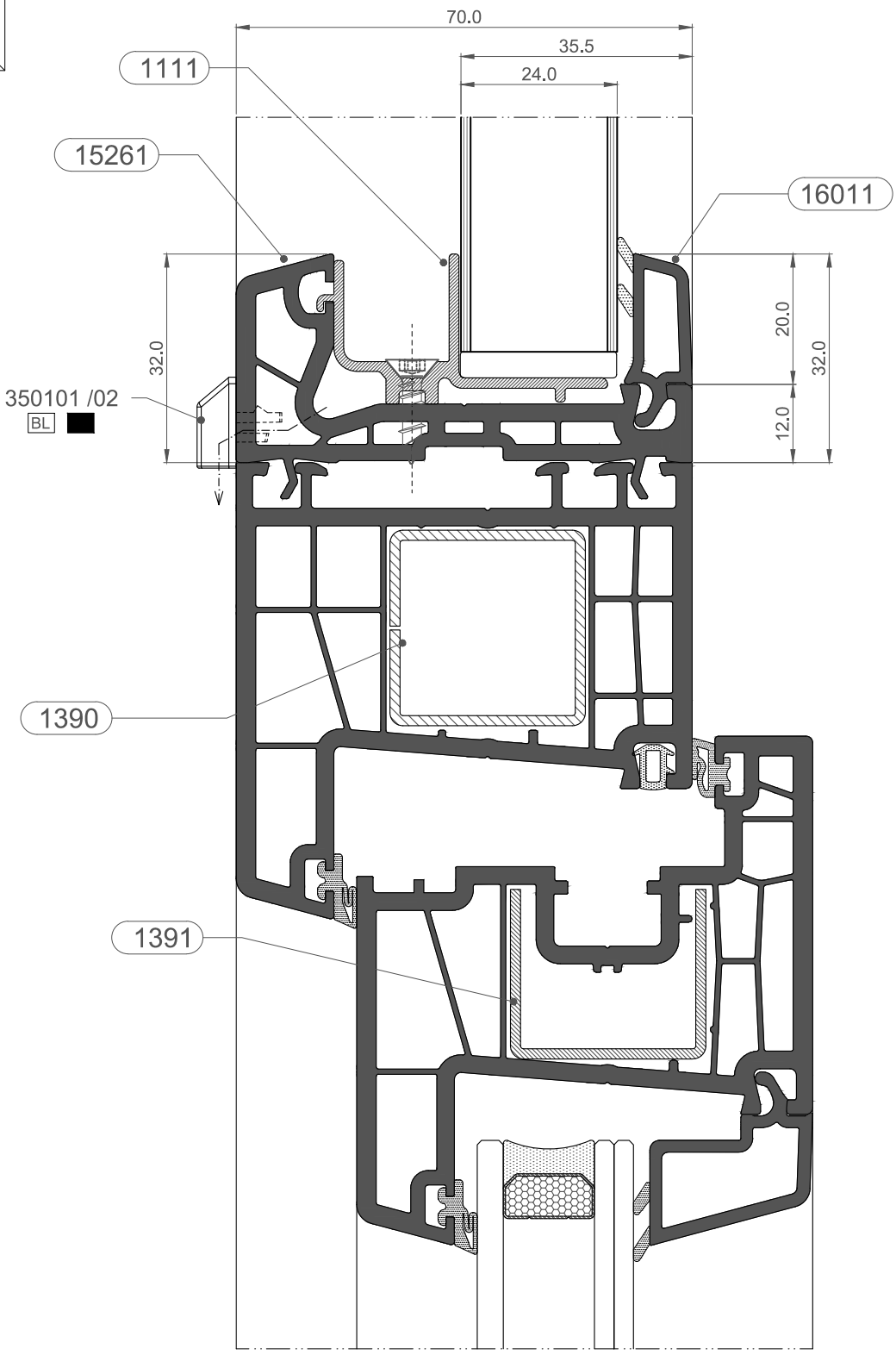
1:1


ß
54
156.1
12521
1297
12531
351201 /02
16.0
24.0
70.0
50.0
20.0
13301
1390
12531
351201 /02
50.0
13301
1390
20.0
16041

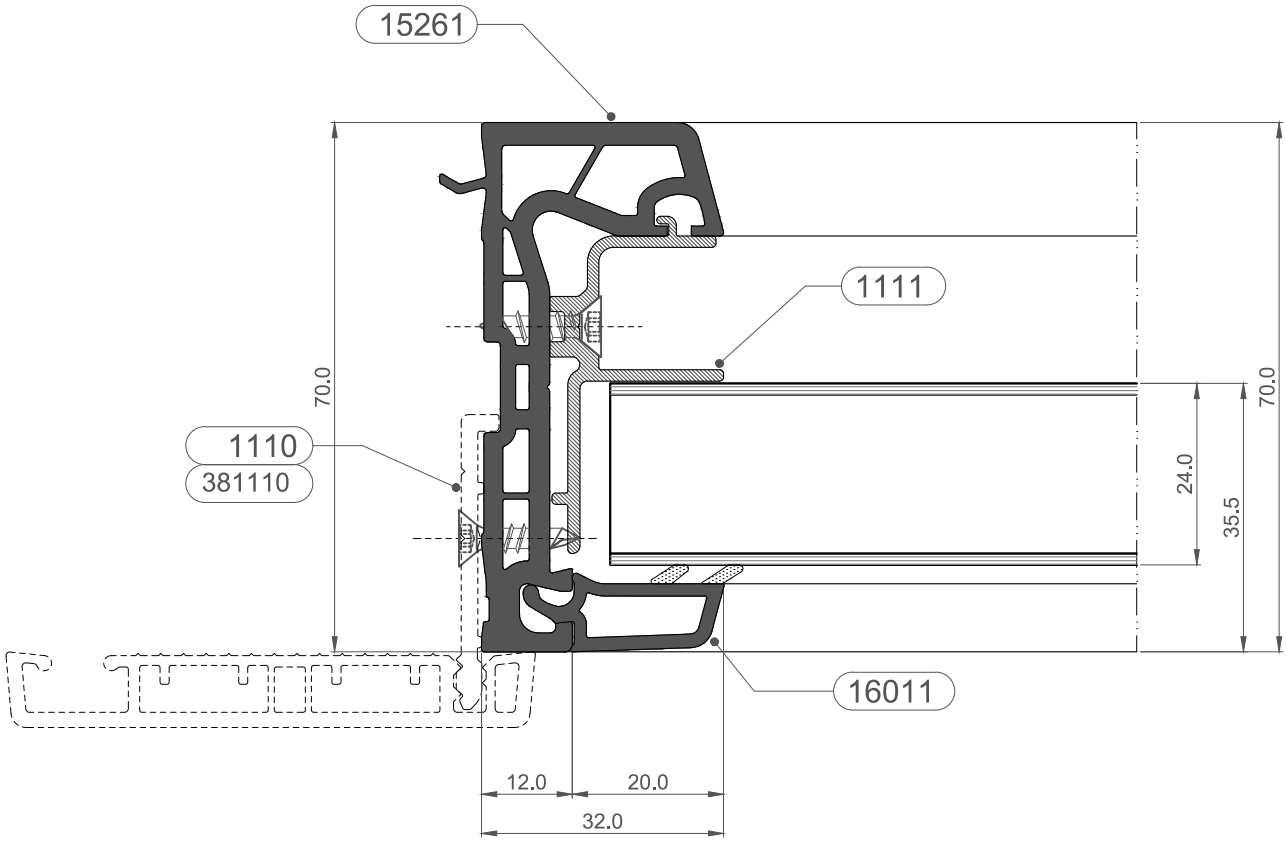
1:1


55

Ix = 3,95 cm^4


70.0
35.5
24.0
1111
15261
16011
32.0
20.0
32.0
12.0
350101 /02
BL
1390
1391

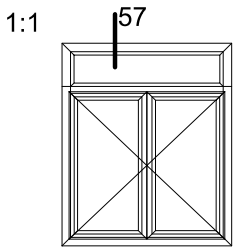
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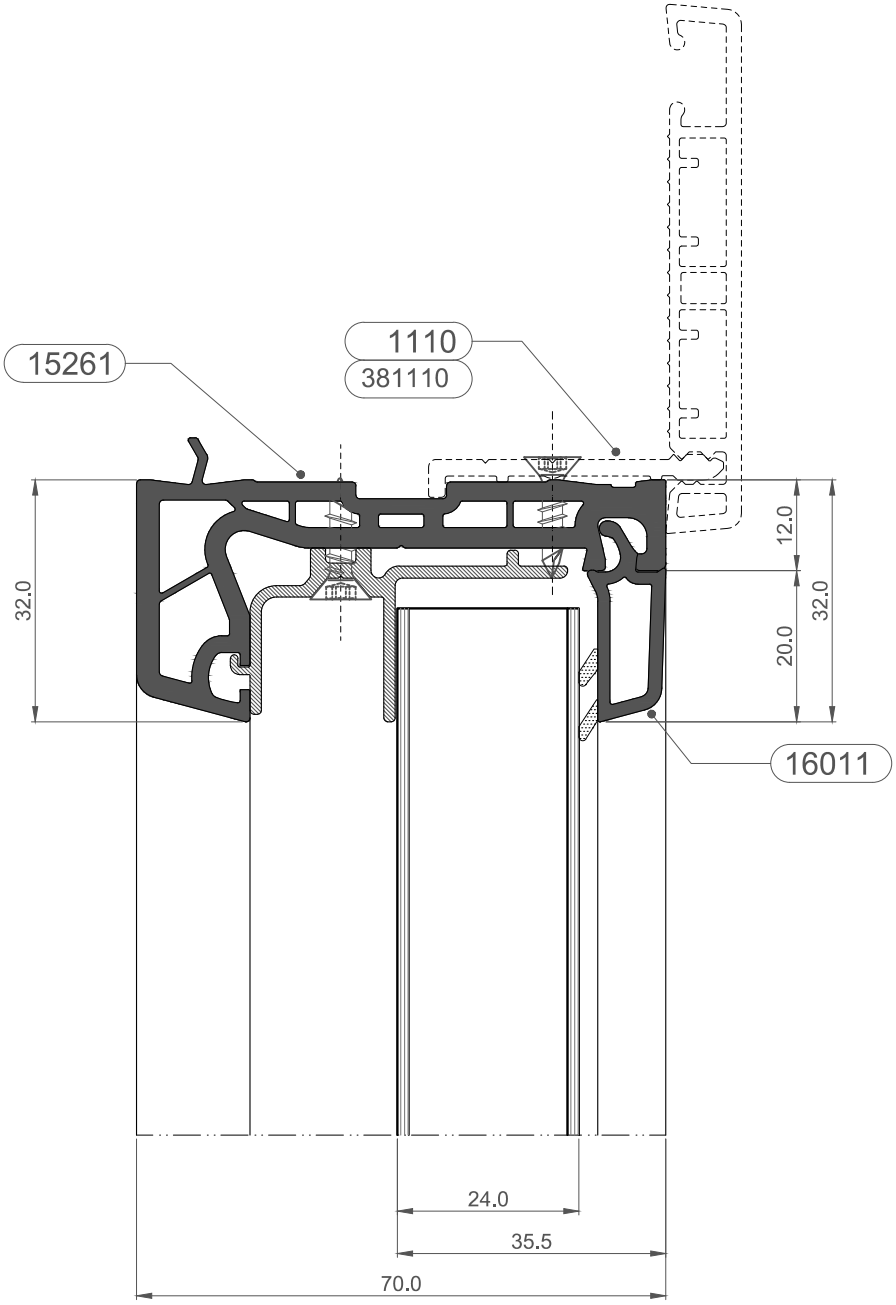


SISTEMA PVC A 70 ABISAGRADA
Nudos constructivos

PVC SYSTEM A 70 HINGED
Constructives sections

1:1





A 70 ABISAGRADA
A 70 HINGED

6. ACRISTALAMIENTO
6. GLAZING

IMPORTANTE

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IMPORTANT

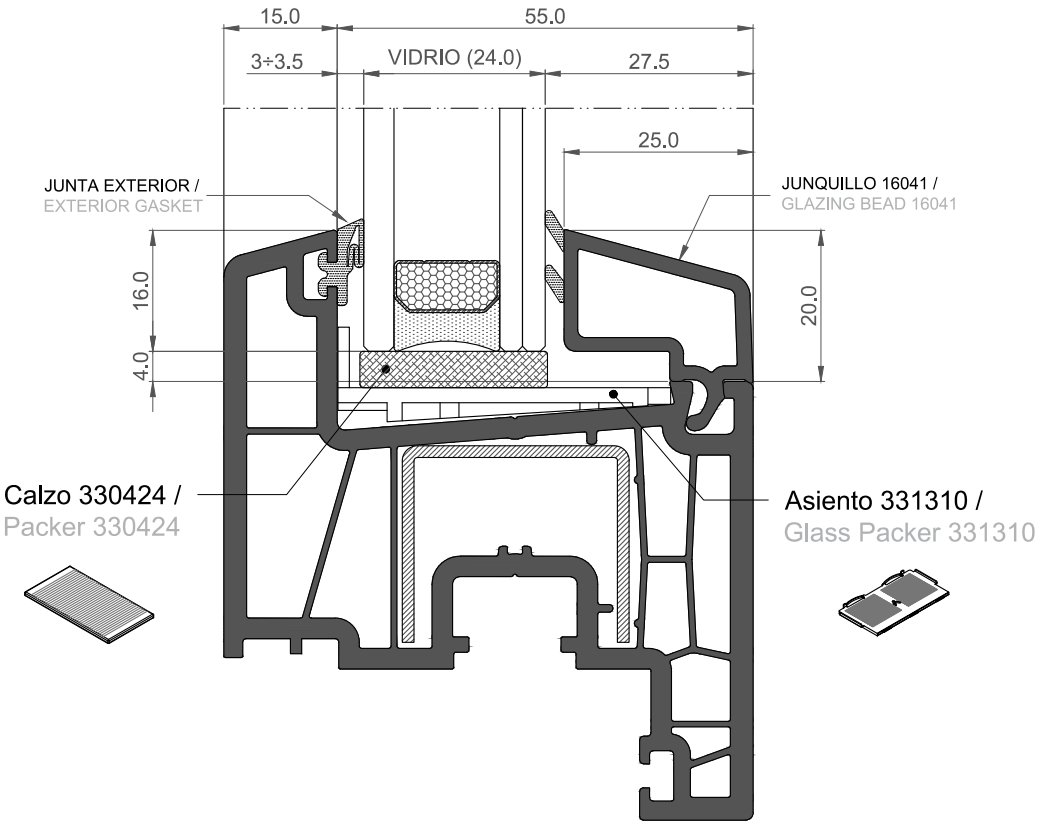
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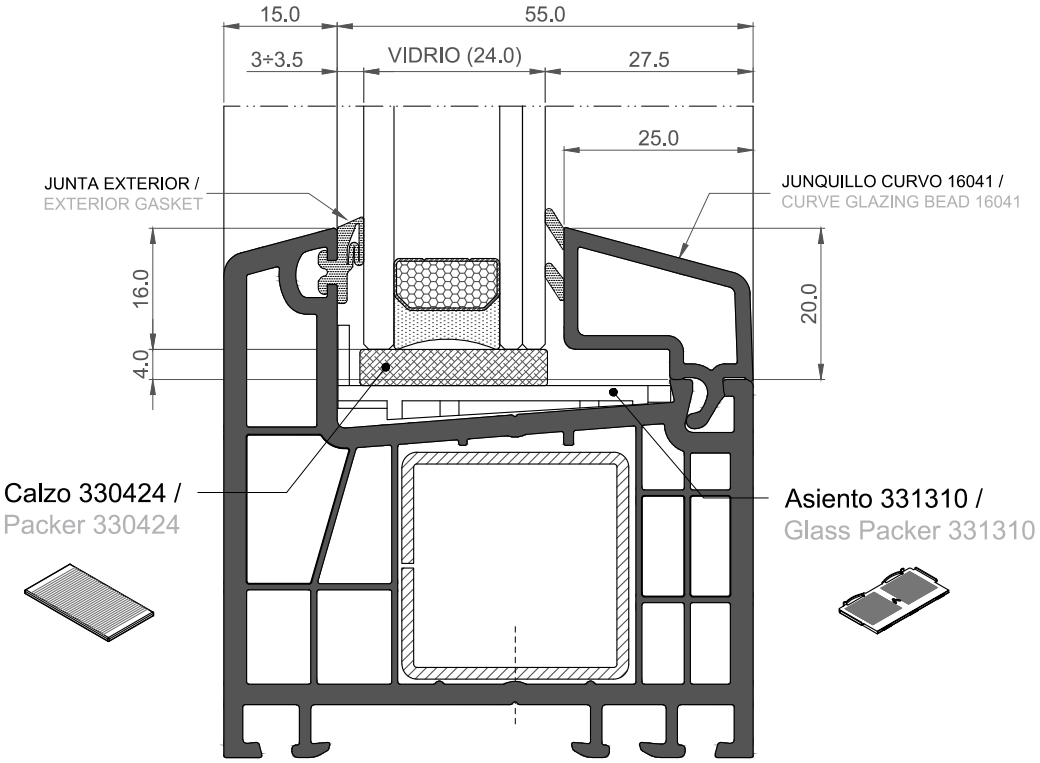
JUNTAS Y JUNQUILLOS PARA ACRISTALAR / GASKETS AND BEADS FOR GLAZING

S/E

HOJA / SASH



MARCO Y TRAVESAÑOS (FIJOS) / FRAME AND TRANSOM (FIXED)



JUNTAS Y JUNQUILLOS PARA ACRISTALAR / GASKETS AND BEADS FOR GLAZING

TABLA DE ACRISTALAMIENTO / GLAZING TABLES

VIDRIO MÁXIMO V (mm) MAX GLASS V (mm)	ASIENTO GLASS PACKER	CALZO PACKER	JUNTAS (*) EXT. / INT. EXT. / INT. GASKETS (*)	JUNQUILLO (perfil co-extrusión) BEADS (co-extrusion profile)
41 - [42] - 43	(1) 331310	330440	C	Ref.: 16001 6.5 mm.
38 - [39] - 40	(1) 331310	330440	C	Ref.: 16011 9 mm.
32 - [33] - 34	(1) 331310	330434	C	Ref.: 16021 15 mm.
28 - [29] - 30	(1) 331310	330430	C	Ref.: 16031 20 mm.
23 - [24] - 25	(1) 331310	330424	C	Ref.: 16041 25 mm.
18 - [19] - 20	(1) 331310	330424	C	Ref.: 12051 29 mm.
15 - [16] - 17	(1) 331310	330420	C	Ref.: 16071 32 mm.
13 - [14] - 15	(1) 331310	330420	C	Ref.: 16081 34 mm.
10 - [11] - 12	(1) 331310	330420	C	Ref.: 12071 37 mm.
[4] - 5	(1) 331310	330420	C	Ref.: 12061 44 mm.

Color junta	Perfil base
GRIS	BLANCO
NEGRO	MARRÓN / GRIS
CARAMELO	CARAMELO

Gasket colour	Base profile
GREY	WHITE
BLACK	BROWN / GREY
CARAMEL	CARAMEL

(1) Para hoja 13132 usar calzo 351300 / For sash13132 use packer 351300.

(*) NOTAS:

La junta de acristalar exterior se suministra montada y soldada al propio perfil. (Junta PVC+NBR, soldable)
The exterior gasket is supplied assembled and welded into the profile. (PVC+NBR gasket, weldable)
Disponibles calces de 1, 3, 4 y 5 mm. de espesor.
1, 3, 4 y 5 mm thick packers availables.

1 mm.:	330120 /24 /30 /34 /40
3 mm.:	330319 /24 /30 /34 /40
4 mm.:	330420 /24 /30 /34 /40
5 mm.:	330520 /24 /29 /34 /40

Junta recambio hoja / Sash replacement gasket :

GRIS / GREY	Ref.: 361101
NEGRO / BLACK	Ref.: 361102
CARAMELO / CARAMEL	Ref.: 361103

Junta recambio junquillos / Bead replacemen gasket :

GRIS / GREY	Ref.: 351221
NEGRO / BLACK	Ref.: 351222
CARAMELO / CARAMEL	Ref.: 351223

JUNTAS Y JUNQUILLOS PARA ACRISTALAR - Junquillo curvo

Perfil de HOJA CURVA 13191

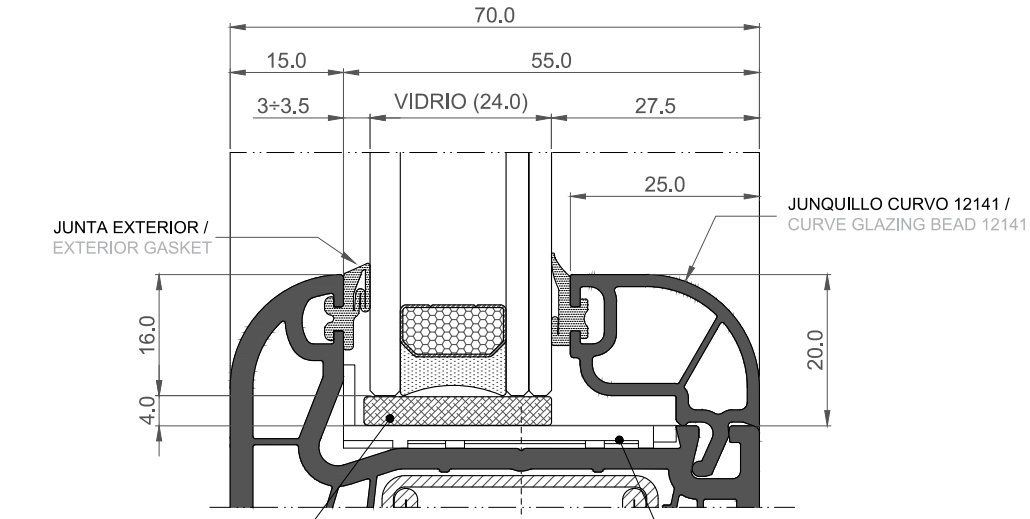


TABLA DE ACRISTALAMIENTO / GLAZING TABLES

VIDRIO MÁXIMO V (mm) MAX GLASS V (mm)	ASIENTO GLASS PACKER	CALZO PACKER	JUNTAS (*) EXT. / INT. EXT. / INT. GASKETS (*)	JUNQUILLO (perfil co-extrusión) BEADS (co-extrusion profile)
28 - [29] - 30	351300	330430	C	Ref.: 12131 — 20 mm.
23 - [24] - 25	351300	330424	C	Ref.: 12141 — 25 mm.

(*) NOTAS:

La junta de acristalar exterior se suministra montada y soldada al propio perfil. (Junta PVC+NBR, soldable)
The exterior gasket is supplied assembled and welded into the profile. (PVC+NBR gasket, weldable)
Disponibles calces de 1, 3, 4 y 5 mm. de espesor.
1, 3, 4 y 5 mm thick packers availables.

1 mm.:	330120 /24 /30 /34 /40
3 mm.:	330319 /24 /30 /34 /40
4 mm.:	330420 /24 /30 /34 /40
5 mm.:	330520 /24 /29 /34 /40

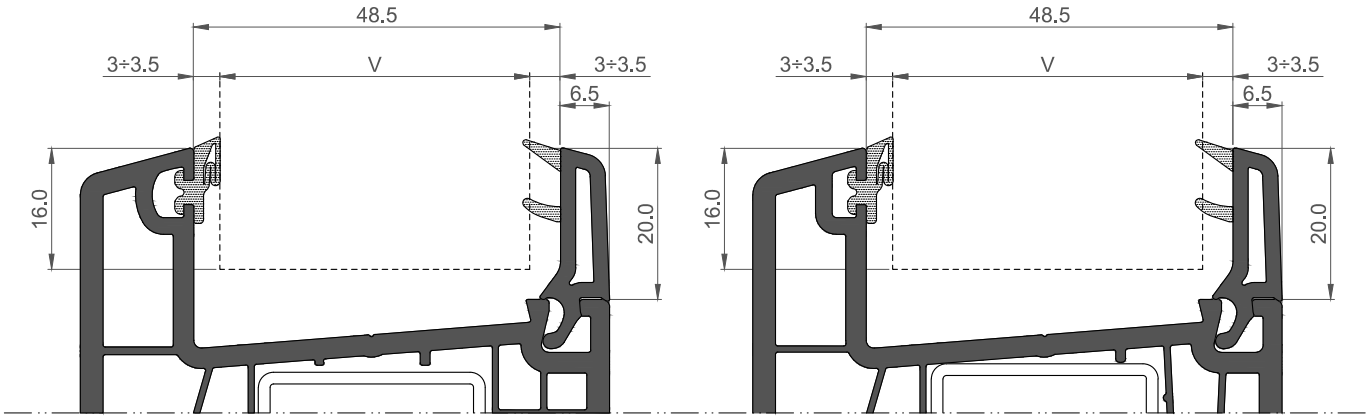
Junta recambio hoja / Sash replacement gasket :

GRIS / GREY	Ref.: 361101
NEGRO / BLACK	Ref.: 361102
CARAMELO / CARAMEL	Ref.: 361103

Junta recambio junquillos / Bead replacemen gasket :

GRIS / GREY	Ref.: 351221
NEGRO / BLACK	Ref.: 351222
CARAMELO / CARAMEL	Ref.: 351223

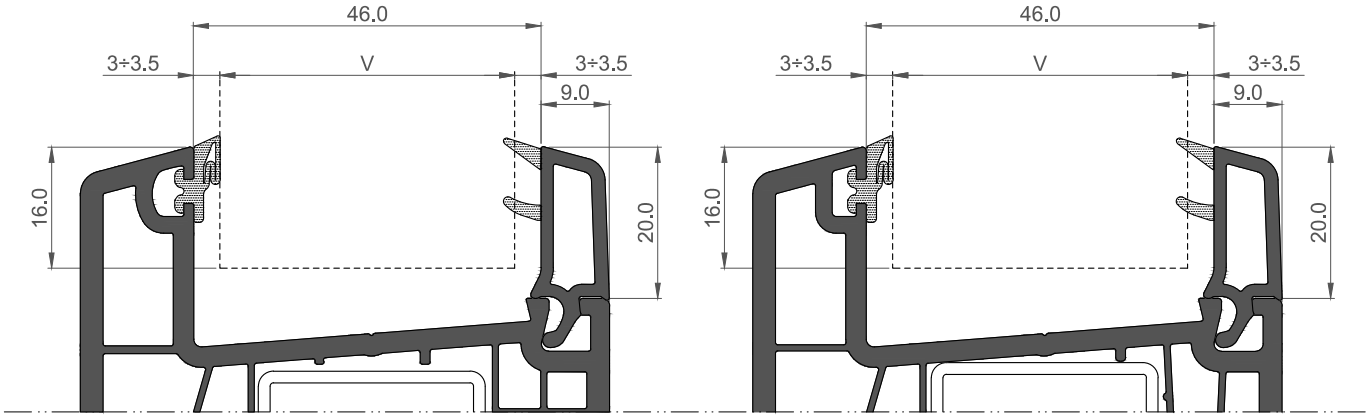
Junquillo / Bead
16001



Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

Perfil de Hoja /
Sash profile

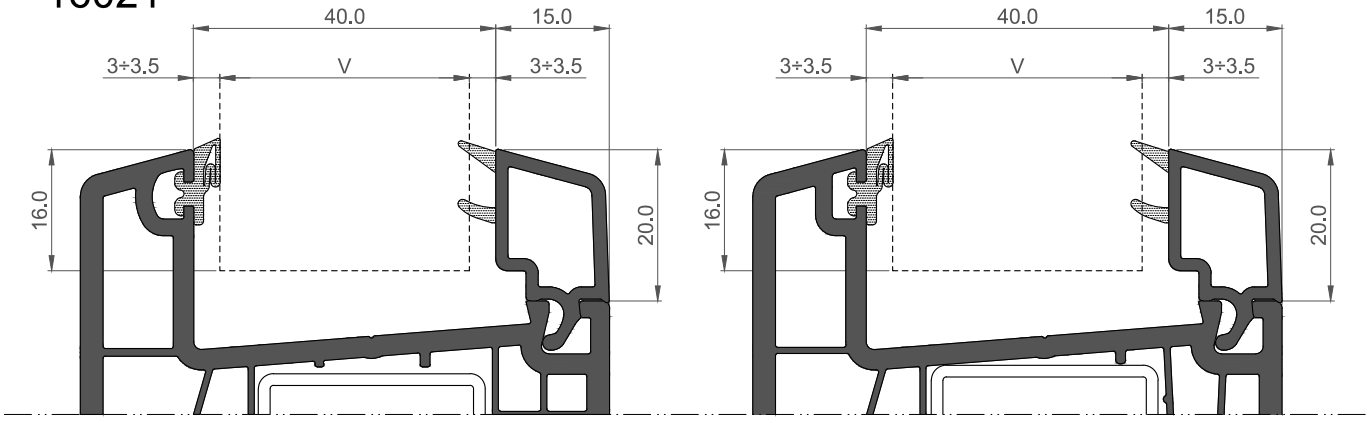
Junquillo / Bead
16011



Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

Perfil de Hoja /
Sash profile

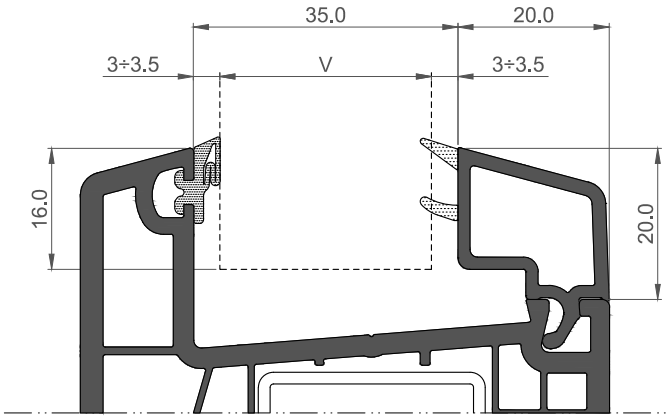
Junquillo / Bead
16021



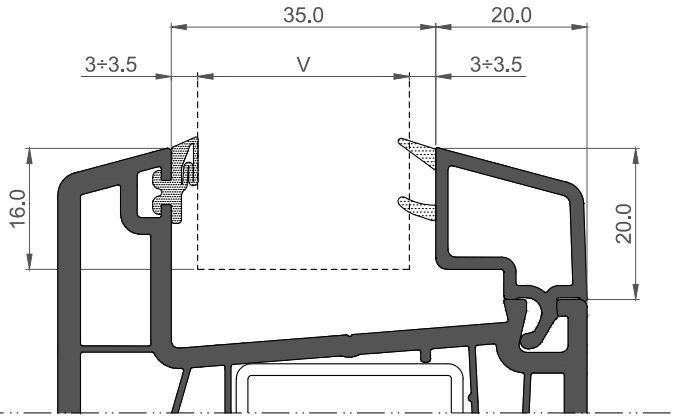
Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

Perfil de Hoja /
Sash profile

Junquillo / Bead
16031

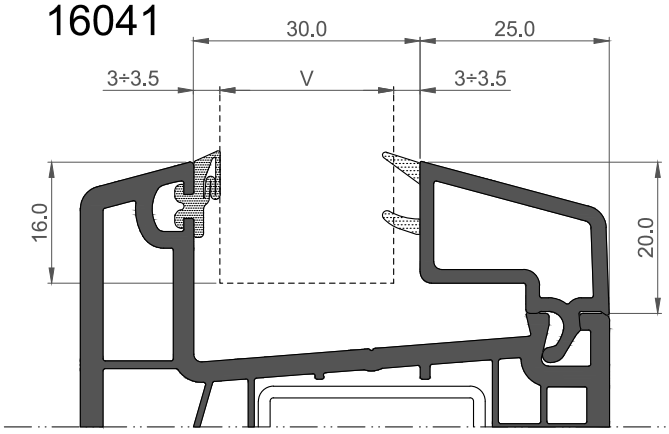


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

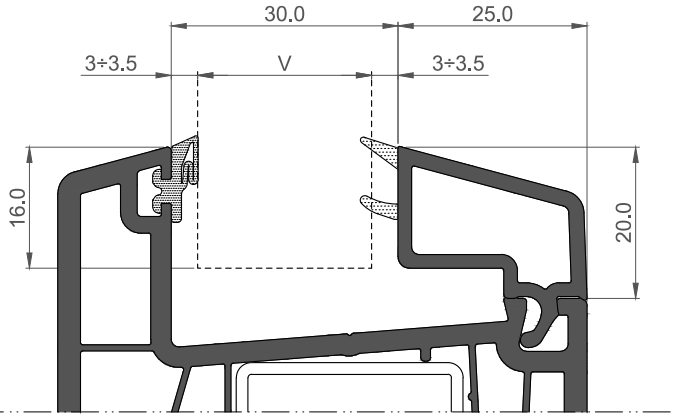


Perfil de Hoja /
Sash profile

Junquillo / Bead
16041

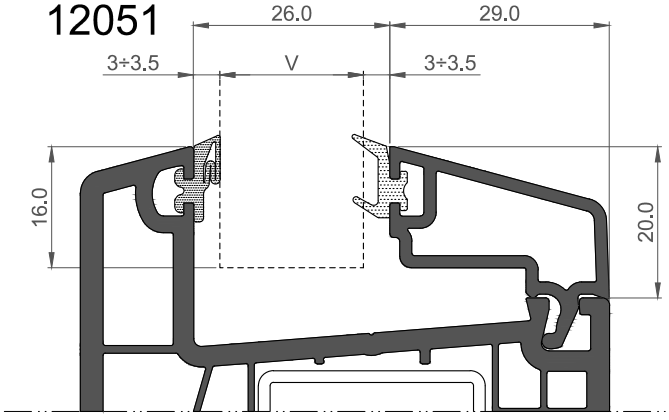


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

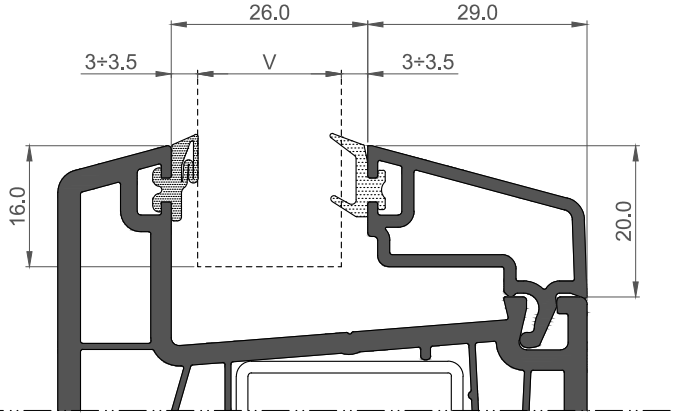


Perfil de Hoja /
Sash profile

Junquillo / Bead
12051

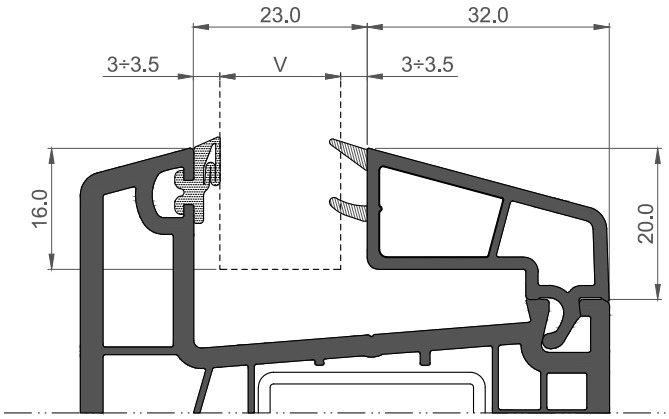


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

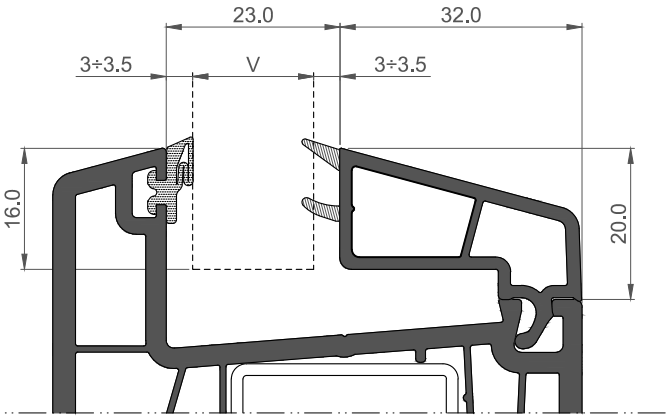


Perfil de Hoja /
Sash profile

Junquillo / Bead
16071

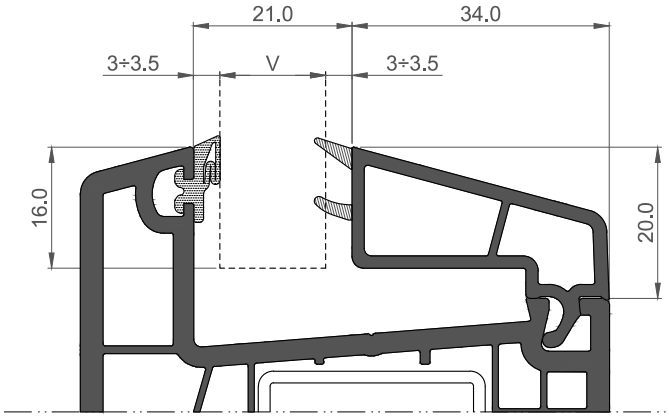


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

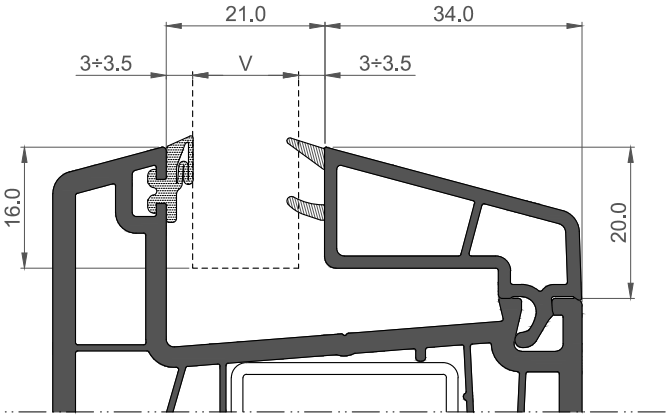


Perfil de Hoja /
Sash profile

Junquillo / Bead
16081

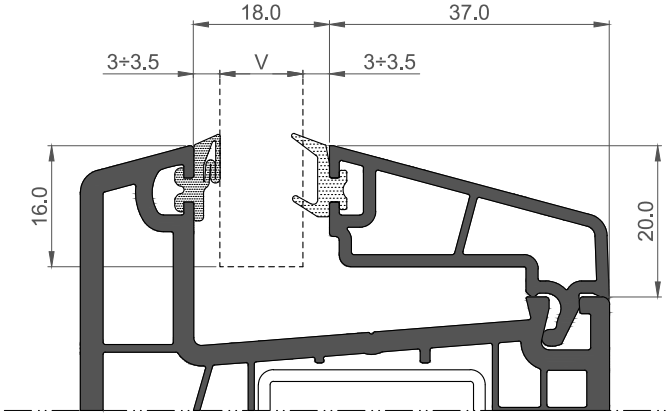


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

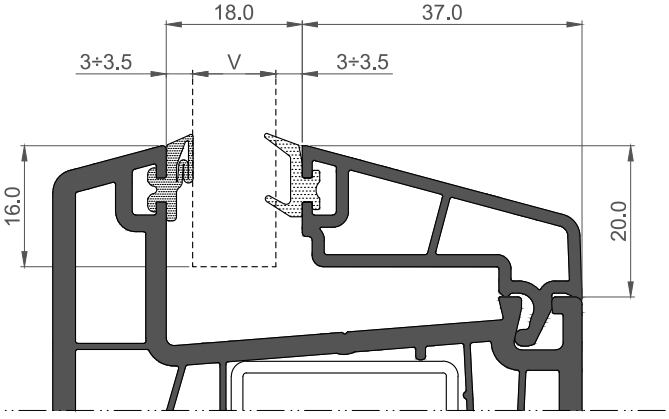


Perfil de Hoja /
Sash profile

Junquillo / Bead
12071

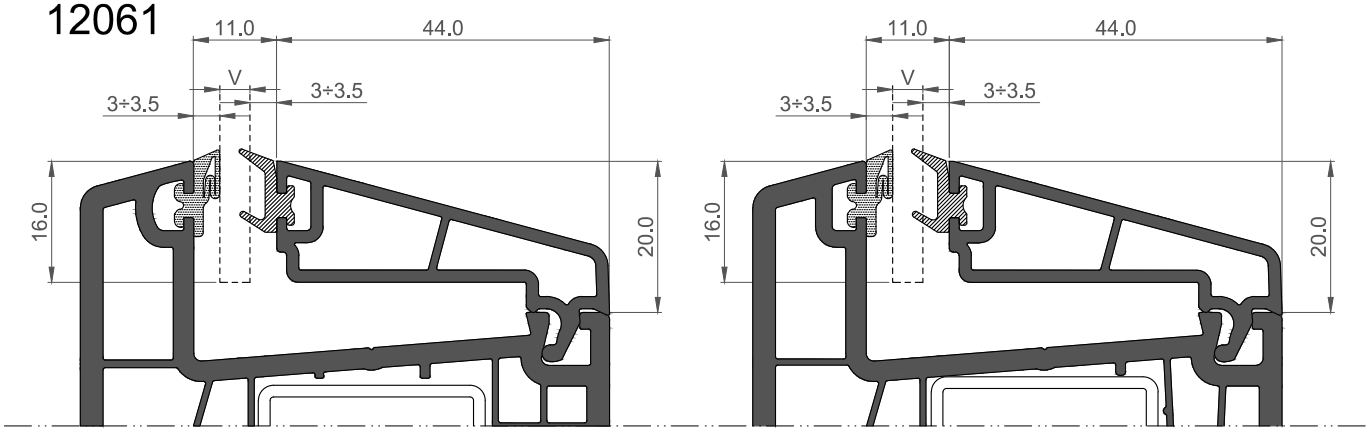


Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)



Perfil de Hoja /
Sash profile

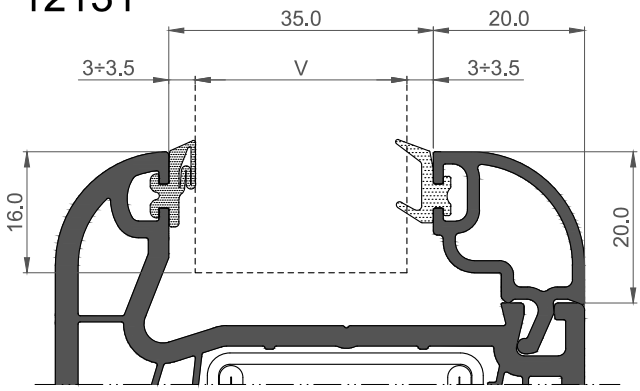
Junquillo / Bead
12061



Perfil de Marco y Travesaño (Fijos) /
Frame profile and Transom (Fixed)

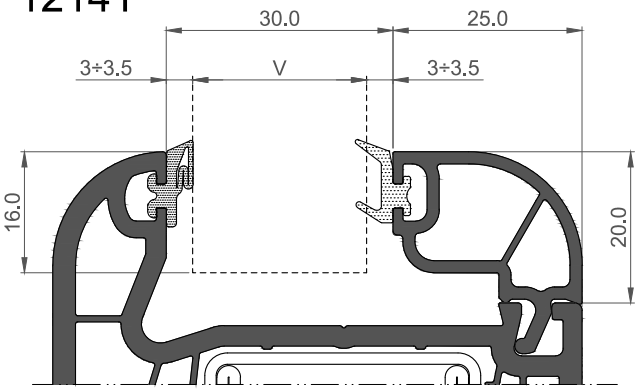
Perfil de Hoja /
Sash profile

Junquillo / Bead
12131



Perfil de Hoja /
Sash profile

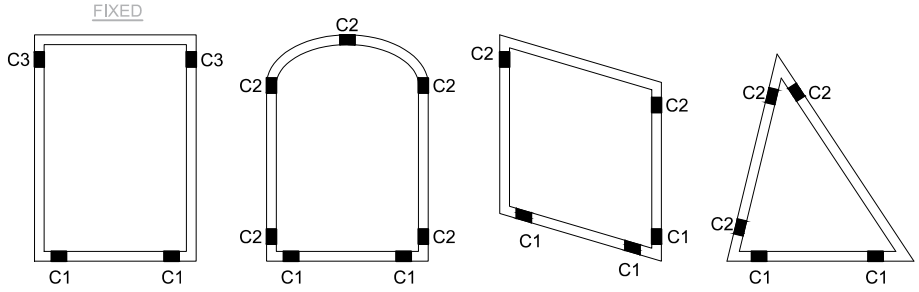
Junquillo / Bead
12141



Perfil de Hoja /
Sash profile

CALZOS Y ASIENTOS: POSICIONAMIENTO RECOMENDADO
PACKERS ANS GLASS PACKERS : ADVISABLE LAYOUT

FIJO
FIXED

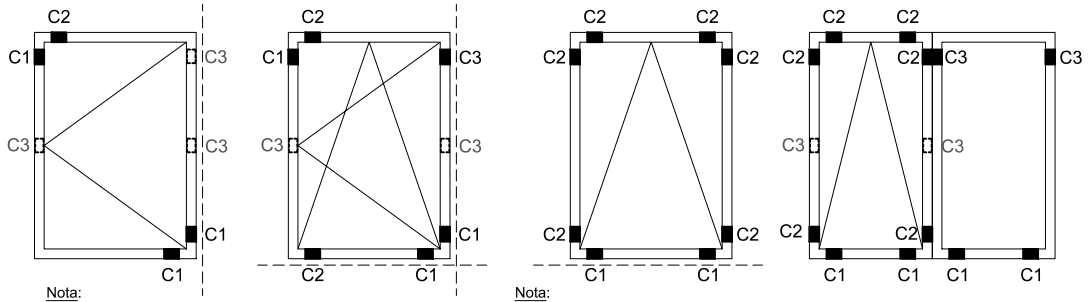


PRACTICABLE
SIDE HUNG

OSCILO-BATIENTE
TILT AND TURN

ABATIBLE
TILT

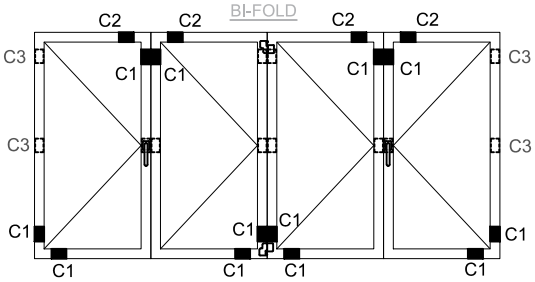
OSCILO PARALELA
TILT AND SLIDE



Nota:
En Puertas y balconeras SIN divisor de vidrio, se incorporarán unos calzos auxiliares en la posición indicada.
Note:
In doors and balcony doors WITHOUT glass divider, auxiliary packers will be incorporated in the indicated position.

Nota:
En ventanas con pequeñas dimensiones, un solo calzo lateral C2 a cada lado es suficiente.
Note:
In windows with small dimensions, a single lateral packer C2 on each side is enough.

PLEGABLE
BI-FOLD





NOMENCLATURA DE LOS ASIENTOS Y CALZOS
C1 = ASIENTO Y CALZO DE APOYO
C2 = ASIENTO Y CALZO PERIMETRAL
C3 = ASIENTO Y CALZO DE SEGURIDAD

NAME OF THE GLASS PACKERS AND PACKERS
C1 = SUPPORT PACKER AND GLASS PACKER
C2 = PERIMETER PACKER AND GLASS PACKER
C3 = SECURITY PACKER AND GLASS PACKER

NOTAS/NOTES

1)Los calzos deben colocarse necesariamente como preven los croquis arriba indicados, sin añadir otros calzos en otras situaciones. Los calzos dispondrán de una longitud de 100 mm.
1)The blockings must be fitted as shown above, without adding other PACKERs in other positions. The PACKERs will have a measure of 100 mm.
2)La distancia entre el eje de los calzos y el borde del vidrio, será aprox. L/10 (L = longitud de vidrio.)
2)The distance between the axis of the PACKERs and the edge of the glass, will be approx. L/10 (L = glass length).
3)Estas directrices no serán válidas para vidrios pegados.
3)These instructions will not bevalid for glued glass.

NOTAS IMPORTANTES:
- Para desaguar y/o airear los galces de los marcos y de las hojas, los bastidores dispondrán de unas salidas bien en forma de ranura (12x5) bien por doble taladro consecutivo (Ø5 mm.)
- Las salidas practicadas no deberán quedar tapadas por la ubicación de los asientos y calzos de acristalar.
- En las carpinterías de PVC no deberán realizarse trabajos de acristalamiento en condiciones de temperaturas inferiores a los + 5ºC.
- Para la colocación de los vidrios, la hoja deberá estar montada sobre el marco.

IMPORTANT NOTES:
- To drain and/or ventilate the grooves of the frames and leaves, the frames will have outlets either in the form of a slot (12x5) or through double consecutive drilling (Ø5 mm.)
- The practiced exits should not be covered by the location of the seats and glazing packers.
- In PVC carpentry, glazing work must not be carried out in conditions of temperatures below + 5ºC.
- For the placement of the glass, the leaf must be mounted on the frame.

ACRISTALAMIENTO

* No emplear vidrios defectuosos, comprobando antes si presentan algún tipo de daño, sobretodo en las esquinas y bordes.
* Evitar el acristalamiento a temperaturas inferiores a 5ºC, por riesgo de rotura ante el enfriamiento excesivo del perfil de PVC.
* Antes de proceder a acristalar en obra, la ventana debe estar ya enlucida y empotrada completamente. No descolgar las hojas del marco durante el acristalamiento.
* Si se emplea junta de recambio, deberá eliminarse previamente cualquier resto de soldadura existente en la ranura o canal de la junta.

MONTAJE DE JUNQUILLOS

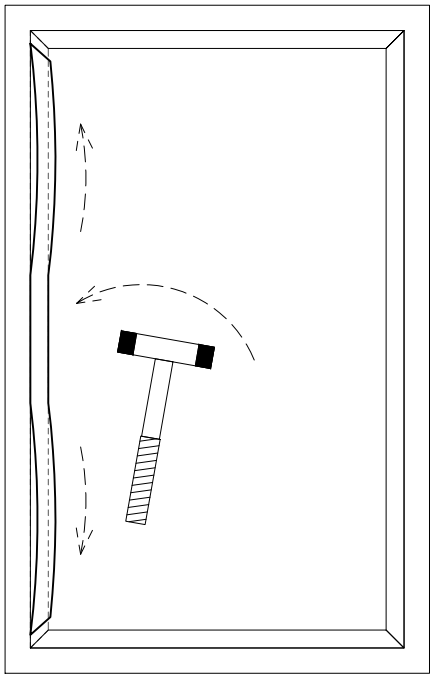
Procedimiento general:
- Comprobar medidas de corte de los junquillos. Los junquillos se cortan preferiblemente a inglete (45º). Para evitar tensiones y roturas durante su colocación deben cortarse sin sobrante al largo.
- Debe colocarse en primer lugar los junquillos correspondientes a los lados más cortos.
Nota: En junquillos de menor dimensión pueden practicarse en la zona central unos cortes para facilitar su flexión y clipado posterior. (ver detalle Det.1)
- Colocar y clipar los junquillos desde el centro hacia los exteriores, haciendo uso de un martillo de nylon.
Debe colocarse por el pie de anclaje del junquillo y golpear levemente con el martillo.
- Los junquillos de los lados más largos se doblarán y guiarán por sus extremos en los ingletes respectivos. Se encajará el junquillo golpeando el mismo con el martillo en dirección siempre hacia los lados.
- Para desclipar los junquillos se hará uso de un formón o de una paleta estrecha, introduciéndolo en horizontal entre el perfil y la base del junquillo. Extraer los junquillos con cuidado.

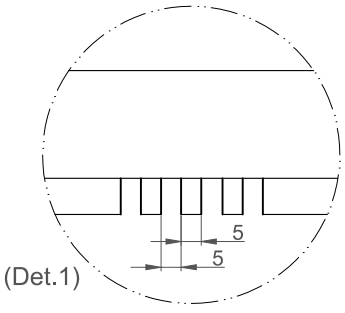
GLAZING

* Do not use defective glass, checking first if they have any kind of damage, especially in the corners and edges.
* Avoid glazing at temperatures below 5ºC, due to the risk of breakage due to excessive cooling of the PVC profile.
* Before proceeding with on-site glazing, the window must already be plastered and completely embedded. Do not unhook the shash from the frame during glazing.
* If a replacement gasket is used, any existing welding remains in the groove or groove of the gasket must be removed beforehand.

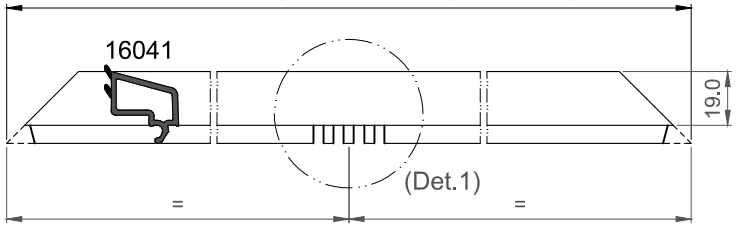
ASSEMBLY OF BEADS

General procedure:
- Check the cutting measurements of the beads. The beads are preferably cut at a miter (45º). To avoid stress and breakage during placement, they must be cut without excess length.
- The beads corresponding to the shorter sides must be placed first.
Note: In smaller glazing beads, cuts can be made in the central area to facilitate bending and subsequent clipping. (see detail Det.1)
- Place and clip the beads from the center to the outside, using a nylon hammer.
It must be placed by the anchoring foot of the bead and hit lightly with the hammer.
- The beads on the longest sides will be bent and guided by their ends in the respective miters. The bead will be fitted by hitting it with the hammer in a direction always towards the sides.
- To unclip the beads, a chisel or narrow trowel will be used, inserting it horizontally between the profile and the base of the bead. Carefully remove the beads.





LONG. JUNQUILLO (sin despuntar pie de anclaje)
BEAD LENGTH (without protruding anchor foot)



A 70 ABISAGRADA
A 70 HINGED

7. SECCIONES DE DESPIECE
7. CUTTING PIECE SECTIONS

IMPORTANTE

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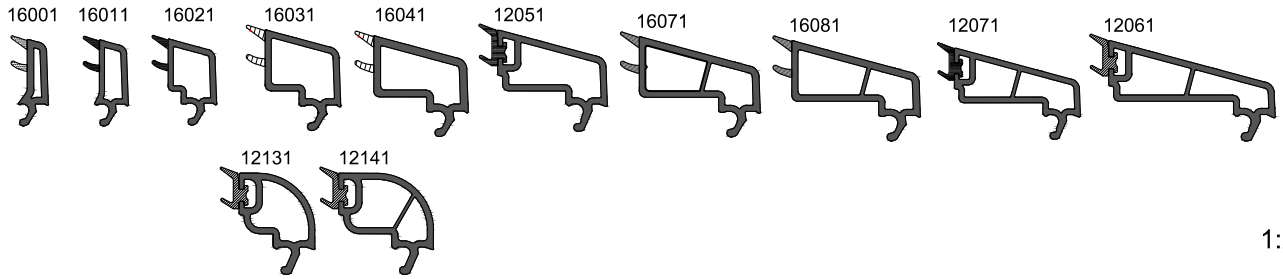
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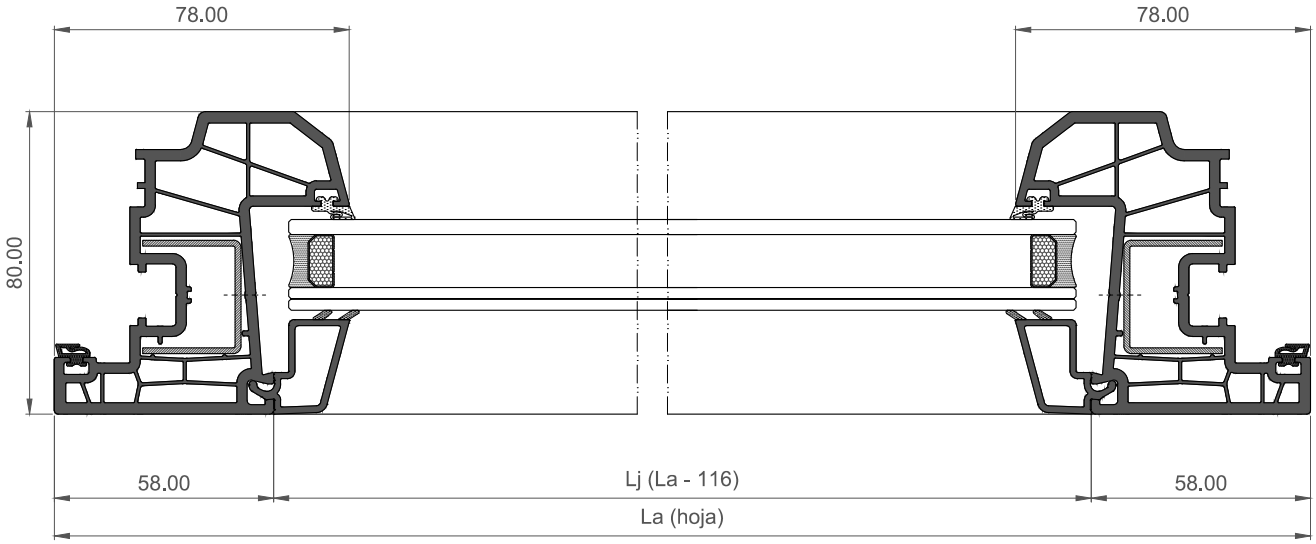
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MONTAJE DE JUNQUILLOS - DESCUENTOS / GLAZING BEAD ASSEMBLING - CUTTING

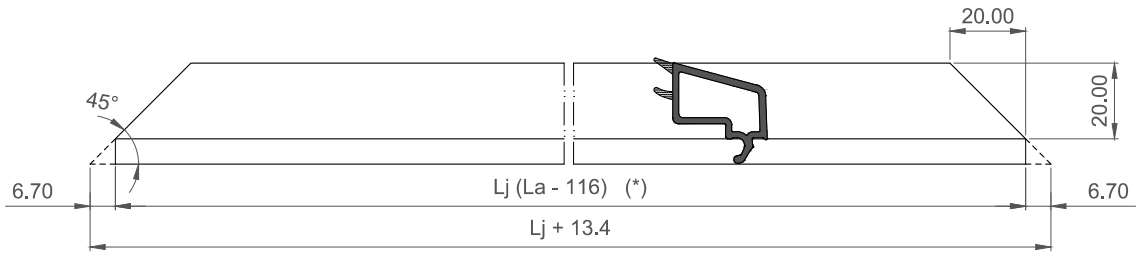


1:2



NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).



Notas: Ejemplo de uso con Junquillo 16041.
Corte de junquillo a inglete (45º), y eliminación de patilla de enganche.
Misma disposición con el resto de junquillos.

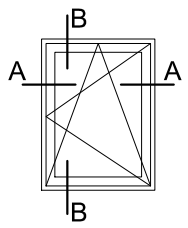
(*) Los descuentos varían en función de la hoja y/o marco en donde se monte el junquillo.
En este caso ejemplo con hoja 13211.

Notes: Example of use with glazing bead 16041.
Glazing bead miter cutting (45º), and removal of hook pin.
Same arrangement with the rest of the glazing bead.

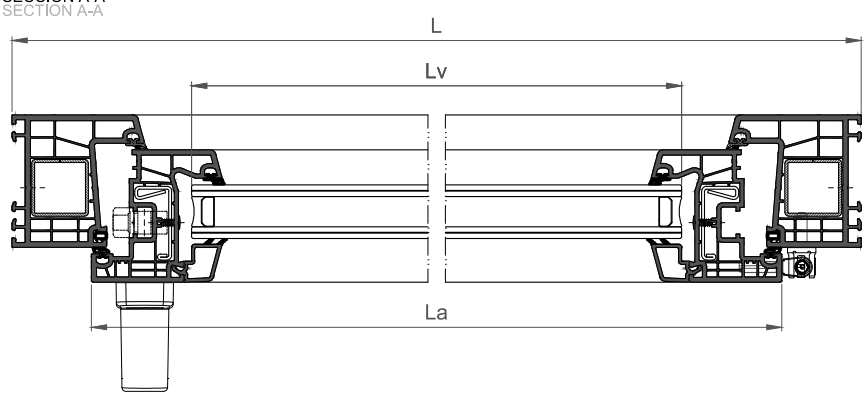
(*) The discounts vary depending on the sash and/or frame where the glazing bead is mounted.
this case example with sash 13211.

VENTANA 1 HOJA OSCILOBATIENTE.(hoja recta) / 1SASH TILT AND TURN WINDOW (straight sash)

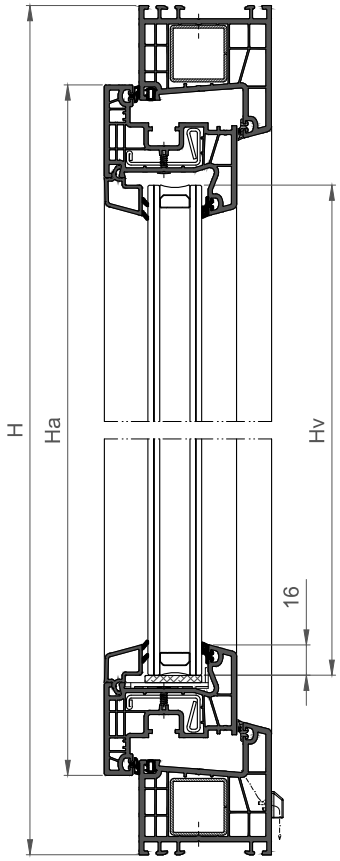
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SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B

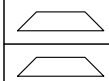
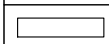
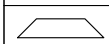
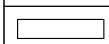
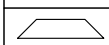


Accesorios / Accessories		
	351300	x 6
	330430	x 6
	350101/2 BL M	x 2

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13132 (1)			x 2	L - 84
			x 2	H - 84
1377 (Acero / Steel)			x 2	L - 180
			x 2	H - 180
16031 (2)			x 2	L - 182
			x 2	H - 182

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	360 < La < 1300
		450 < Ha < 1600

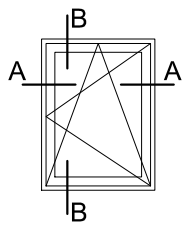
	e = 28 mm.	x 1	Lv = L - 190
			Hv = H - 190

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

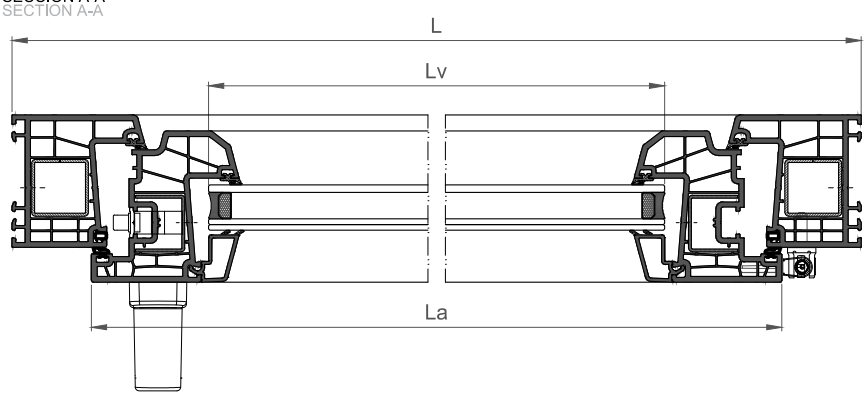
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 1 HOJA OSCILOBATIENTE / 1SASH TILT AND TURN WINDOW

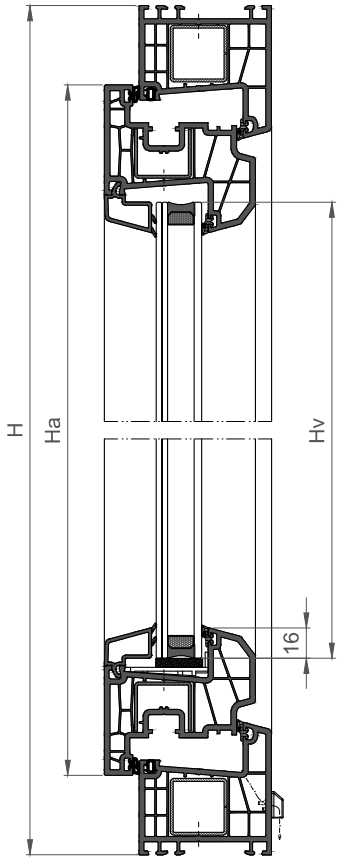
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 6
	330424	x 6
	350101/2 BL M	x 2

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13211 (1)			x 2	L - 84
			x 2	H - 84
1391 (Acero / Steel)			x 2	L - 194
			x 2	H - 194
16041 (2)			x 2	L - 200
			x 2	H - 200

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

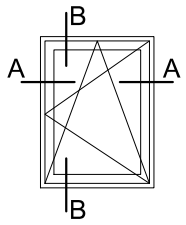
	100 kg.	360 < La < 1100	
		450 < Ha < 1600	
	e = 24 mm.	x 1	Lv = L - 208
			Hv = H - 208

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

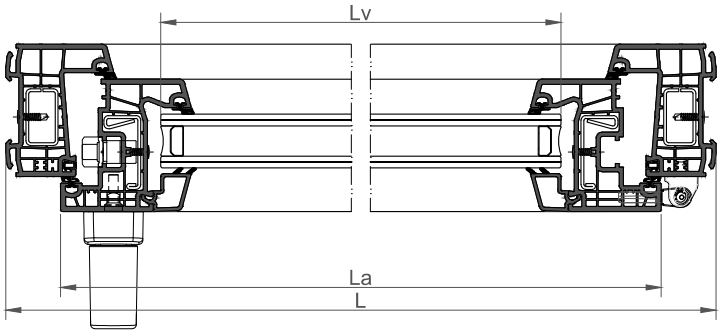
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 1 HOJA OSCILOBATIENTE / 1SASH TILT AND TURN WINDOW

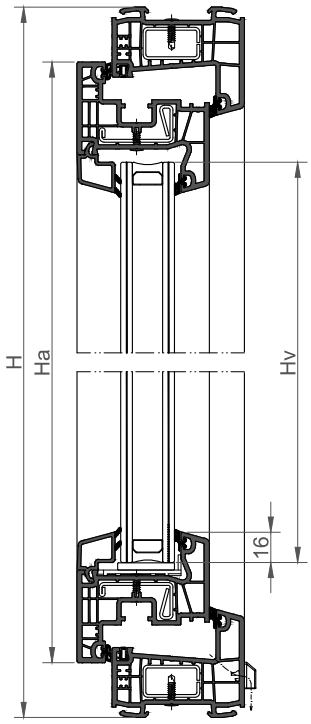
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 6
	330430	x 6
	350101/02 BL M	x 2 (*)

Negro Black | Gris Grey | BL Blanco White | M Marrón Brown | C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

				mm
18302 (1)			x 2	L
			x 2	H
1890 (Acero/ Steel)			x 2	L - 70
			x 2	H - 70
13132 (1)			x 2	L - 58
			x 2	H - 58
1377 (Acero/ Steel)			x 2	L - 154
			x 2	H - 154
16031 (2)			x 2	L - 156
			x 2	H - 156

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

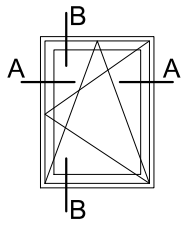
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 164
			Hv = H - 164

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

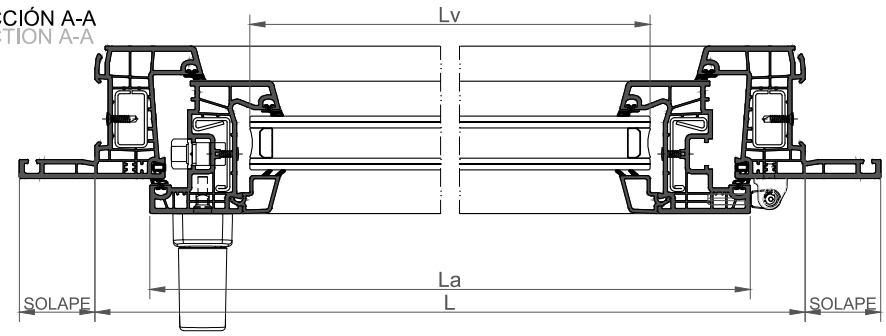
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 1 HOJA OSCILOBATIENTE - RENOVACIÓN / 1SASH TILT AND TURN WINDOW - RENOVATION

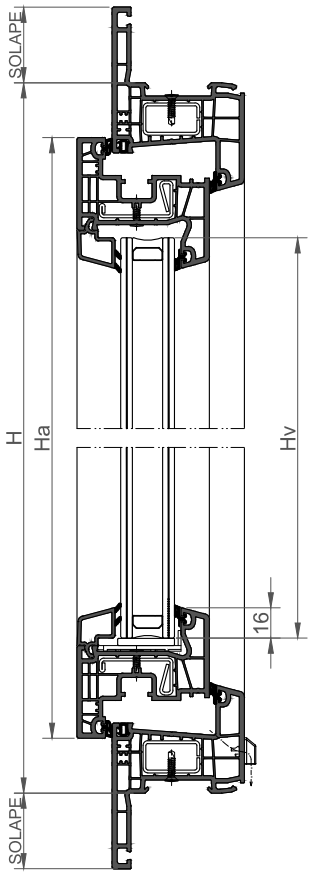
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 6
	330430	x 6
	350101/02 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

			mm
18322 (1)		x 2	L + 2*solape
		x 2	H + 2*solape
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
13132 (1)		x 2	L - 58
		x 2	H - 58
1377 (Acero/ Steel)		x 2	L - 154
		x 2	H - 154
16031 (2)		x 2	L - 156
		x 2	H - 156

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

18322		solape = 40
18332		solape = 65

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	2*L + 2*H

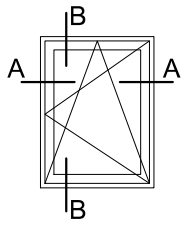
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 164
			Hv = H - 164

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

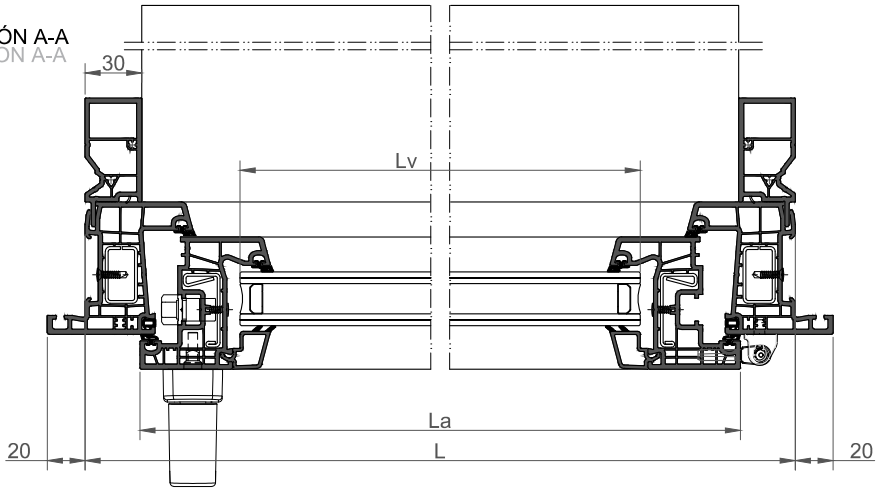
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 1 HOJA OSCILOBATIENTE CON TAPÉE / 1SASH TILT AND TURN WINDOW WITH CAP

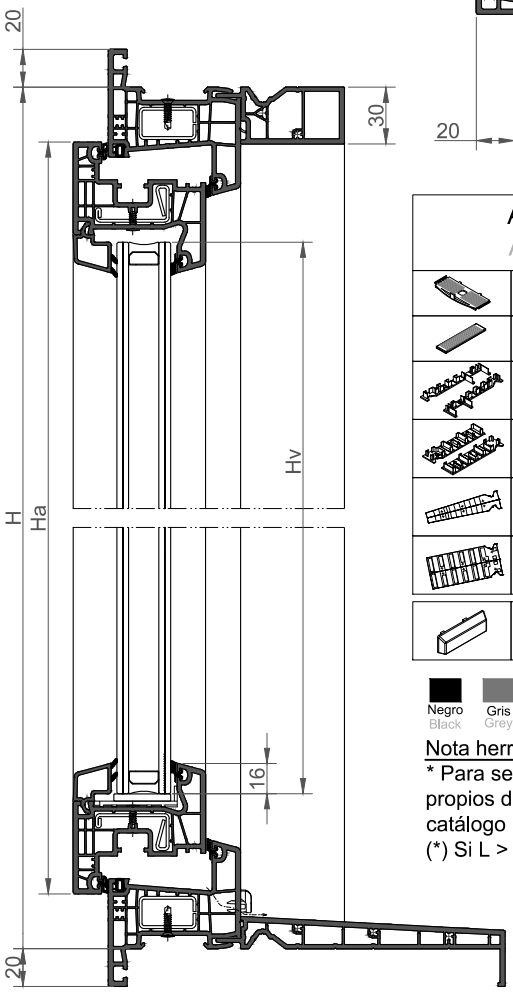
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 6
	330430	x 6
	420111/3/4 BL M C	x 1
	420131/3/4 BL M C	x 2
	420301/02 BL ■	x 1
	420311/12 BL ■	x 1
	420101/02 BL M	x 2 (*)

■ Negro Black — Gris Grey — BL Blanco White — M Marrón Brown — C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

			mm
18312 (1)		x 2	L + 40
		x 2	H + 40
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
18721		x 1	L - 61
		x 2	H - 4
18611		x 1	L - 61
13132 (1)		x 2	L - 58
		x 2	H - 58
1377 (Acero/ Steel)		x 2	L - 154
		x 2	H - 154
16031 (2)		x 2	L - 156
		x 2	H - 156

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

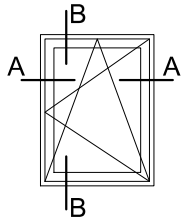
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 164
			Hv = H - 164

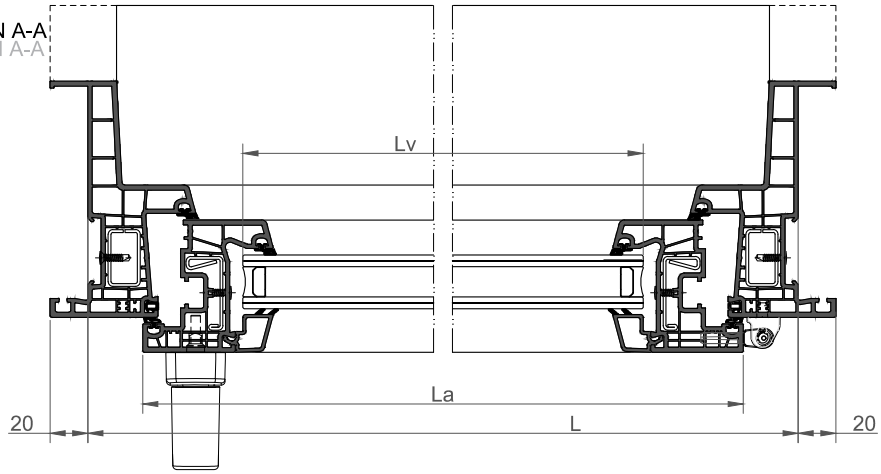
VENTANA 1 HOJA OSCILOBATIENTE - MONOBLOC / 1SASH TILT AND TURN WINDOW - MONOBLOCK

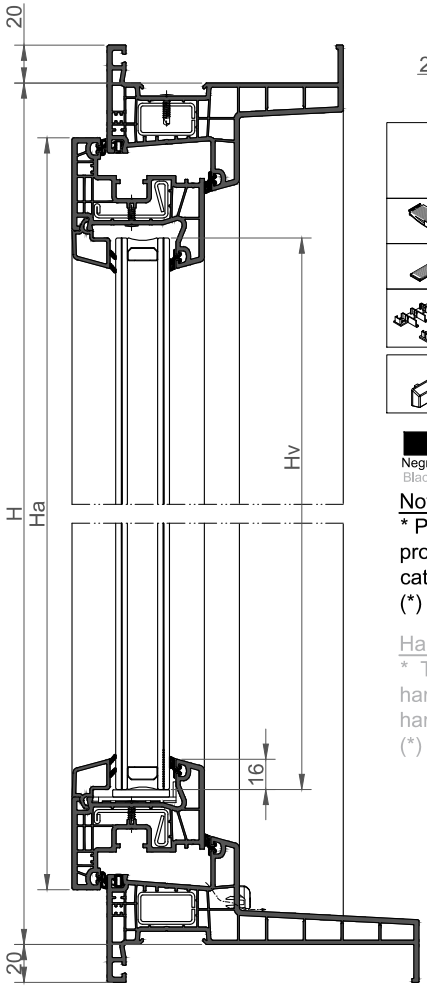
1:4



SECCIÓN B-B
SECTION B-B

SECCIÓN A-A
SECTION A-A





Accesorios / Accessories		
	351300	x 6
	330430	x 6
	420121/3/4 BL M C	x 1
	420101/02 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L > 1100 mm.; 3 uds.

			mm
18432 (1)		x 1	L + 40
18412 (1)		x 1	L + 40
		x 2	H + 40
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
13132 (1)		x 2	L - 58
		x 2	H - 58
1377 (Acero/ Steel)		x 2	L - 154
		x 2	H - 154
16031 (2)		x 2	L - 156
		x 2	H - 156

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

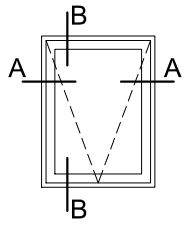
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 164
			Hv = H - 164

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

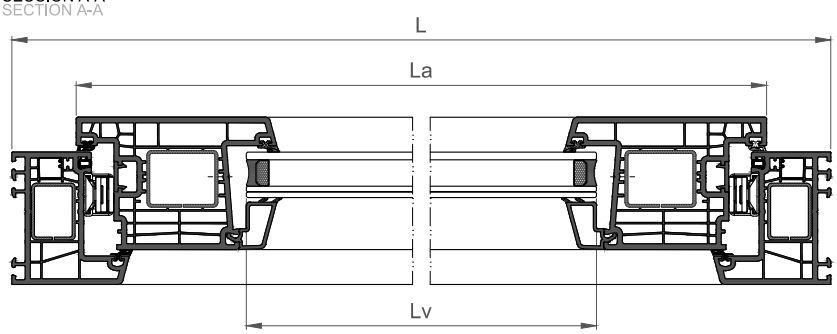
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 1 HOJA PROYECTANTE / 1 SASH TOP HUNG WINDOW

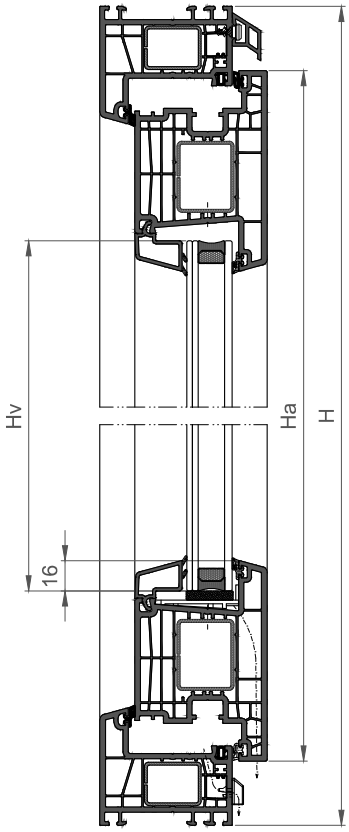
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	361240/1/2 BL M C	x 1
	331250	L/300+1
	331310	x 8
	330424	x 8
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

				mm
13341 (1)			x 2	L
			x 2	H
1595 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13261 (1)			x 2	L - 68
			x 2	H - 68
1383 (Acero / Steel)			x 2	L - 230
			x 2	H - 230
13161			x 2	300
12151			x 1	L - 20
16041 (2)			x 2	L - 240
			x 2	H - 240

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

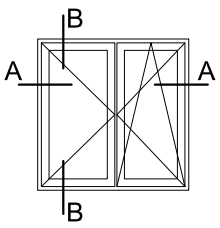
Juntas / Gaskets		
	331222/21	2*L + 2*H

100 kg.	520 < La < 1600	
	600 < Ha < 1400	

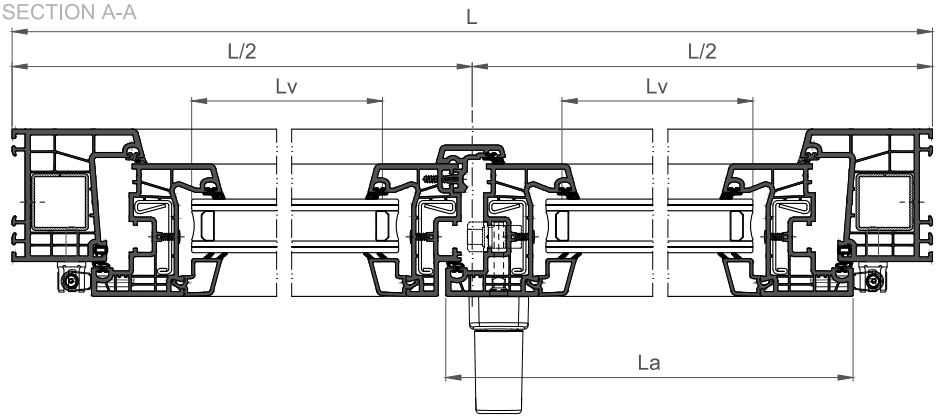
e = 24 mm.	x 1	Lv = L - 248	
		Hv = H - 248	

VENTANA 2 HOJAS OSCILOBATIENTES (hoja recta) / 2 SASH TILT & TURN WINDOW (straight sash)

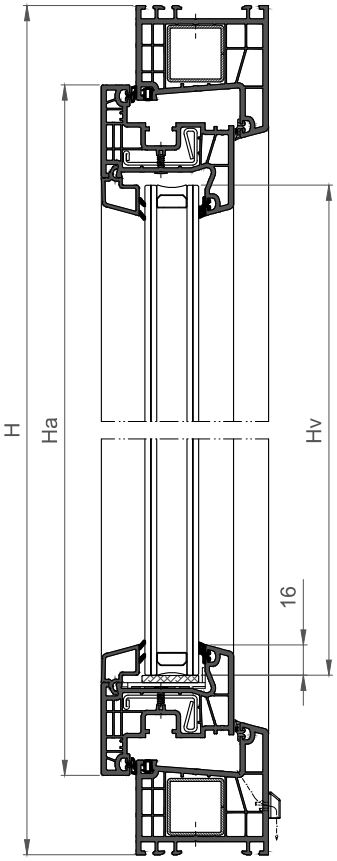
E=1:4
S=1:4

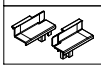


SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	411360/1/2 BL M C	x 1
	411370/1/2 BL M C	x 1
	351300	x 10
	330430	x 10
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

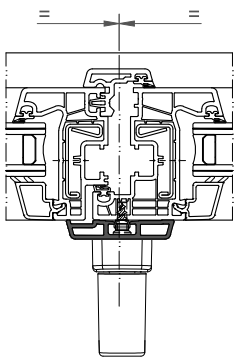
			mm
13301 (1)		x 2	L
		x 2	H
1390 (Acero / Steel) (Steel profile)		x 2	L - 90
		x 2	H - 90
13132 (1)		x 4	L/2 - 28
		x 3	H - 84
13142 (1)		x 1	H - 124
1377 (Acero / Steel) (Steel profile)		x 4	L/2 - 125
		x 3	H - 180
		x 1	H - 180
13432		x 1	H - 154
16031 (2)		x 4	L/2 - 126
		x 4	H - 182

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

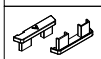
	130 kg.	360 < La < 1200	
		450 < Ha < 1550	
	e = 28 mm.	x 2	Lv = L/2 - 134
			Hv = H - 190



Juntas / Gaskets		
	331222/21	2*L + 2*H

ELEMENTOS CON MANILLA CENTRADA
ELEMENTS WITH CENTERED HANDLE

			mm
13531		x 1	H - 90

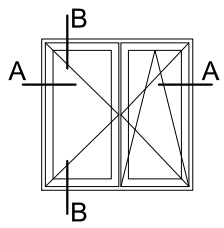
Accesorios / Accessories		
	411380/1/2 BL M C	x 1
	331250	H/200+1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

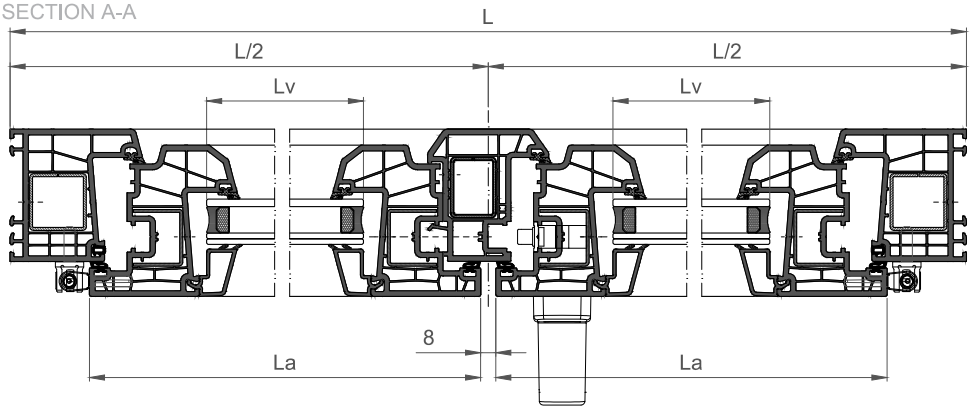
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 2 HOJAS OSCILOBATIENTES / 2 SASH TILT & TURN WINDOW

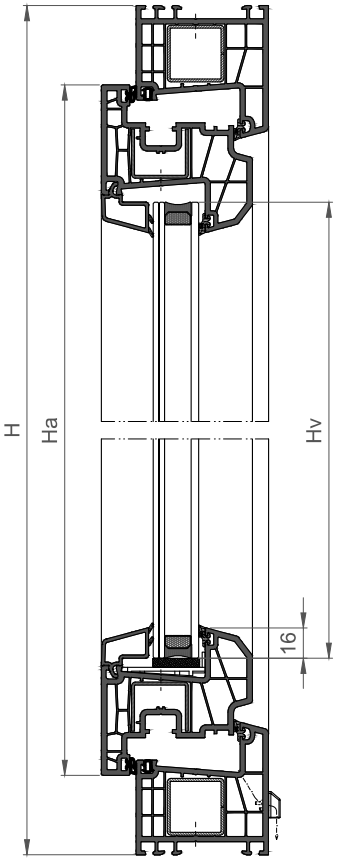
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B

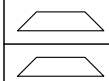
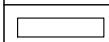
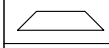
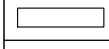
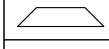


Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	331310	x 10
	330424	x 10
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13211 (1)			x 4	L/2 - 46
			x 4	H - 84
1391 (Acero / Steel)			x 4	L/2 - 156
			x 4	H - 194
13401			x 1	H - 154
1396 (Acero / Steel)			x 1	H - 160
16041 (2)			x 4	L/2 - 162
			x 4	H - 200

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	2*L + 2*H

	100 kg.	360 < La < 1000
		450 < Ha < 1600

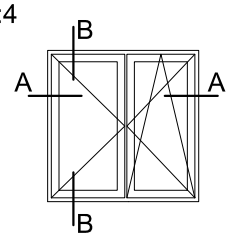
	e = 24 mm.	x 2	Lv = L/2 - 170
			Hv = H - 208

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

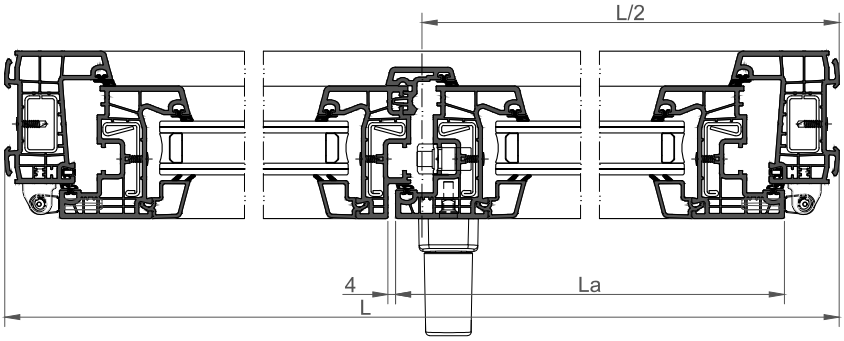
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 2 HOJAS OSCILOBATIENTES/ 2 SASH TILT & TURN WINDOW

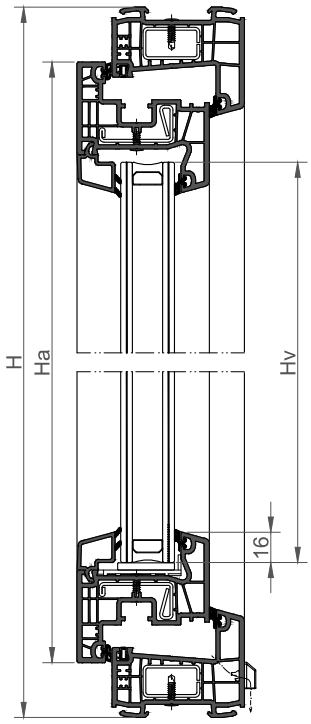
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 10
	330430	x 10
	411360/1/2 BL M C	x 1
	411370/1/2 BL M C	x 1
	350101/02 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 2	L
		x 2	H
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
13132 (1)		x 4	L/2 - 15
		x 3	H - 58
13142 (1)		x 1	H - 98
1377 (Acero/ Steel)		x 4	L/2 - 111
		x 3	H - 154
		x 1	H - 154
13432		x 1	H - 128
16031 (2)		x 4	L/2 - 113
		x 4	H - 156

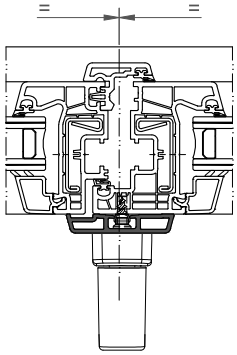
(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 121
			Hv = H - 164



ELEMENTOS CON MANILLA CENTRADA
ELEMENTS WITH CENTERED HANDLE

			mm
13531		x 1	H - 64

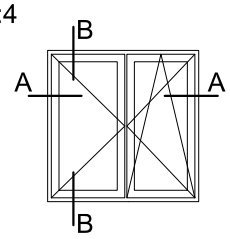
Accesorios / Accessories		
	411380/1/2 BL M C	x 1
	331250	H/300+1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

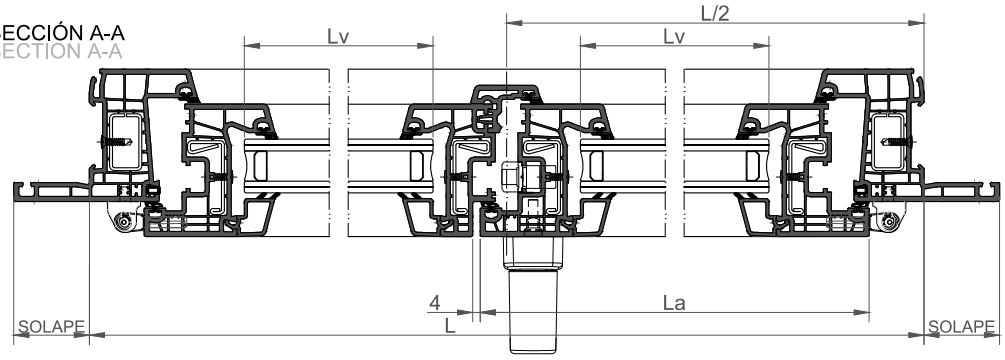
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 2 HOJAS OSCILOBATIENTES - RENOVACIÓN/ 2 SASH TILT & TURN WINDOW - RENOVATION

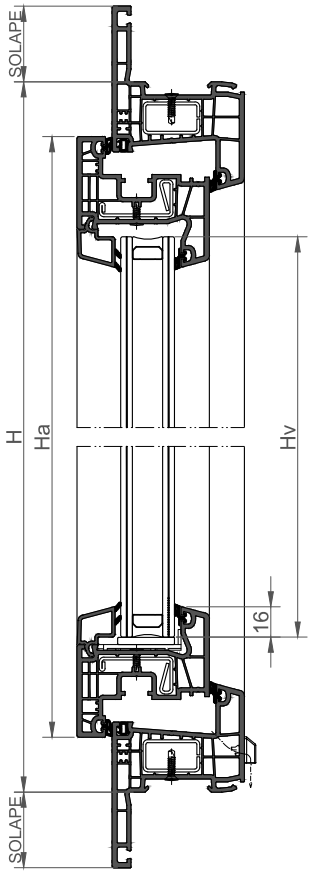
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 10
	330430	x 10
	411360/1/2 BL M C	x 1
	411370/1/2 BL M C	x 1
	350101/02 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18322 (1)		x 2	L + 2*solape
		x 2	H + 2*solape
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
13132 (1)		x 4	L/2 - 15
		x 3	H - 58
13142 (1)		x 1	H - 98
1377 (Acero/ Steel)		x 4	L/2 - 111
		x 3	H - 154
		x 1	H - 154
13432		x 1	H - 128
16031 (2)		x 4	L/2 - 113
		x 4	H - 156

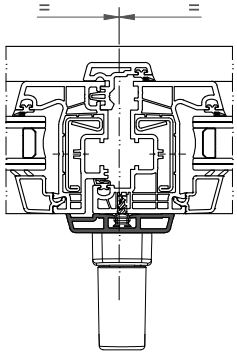
(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

18322		solape = 40
18332		solape = 65

Juntas / Gaskets		
	331222/21	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING



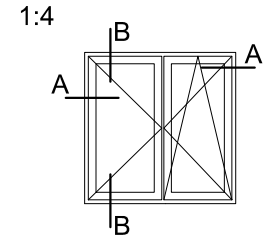
ELEMENTOS CON MANILLA CENTRADA
ELEMENTS WITH CENTERED HANDLE

			mm
13531		x 1	H - 64

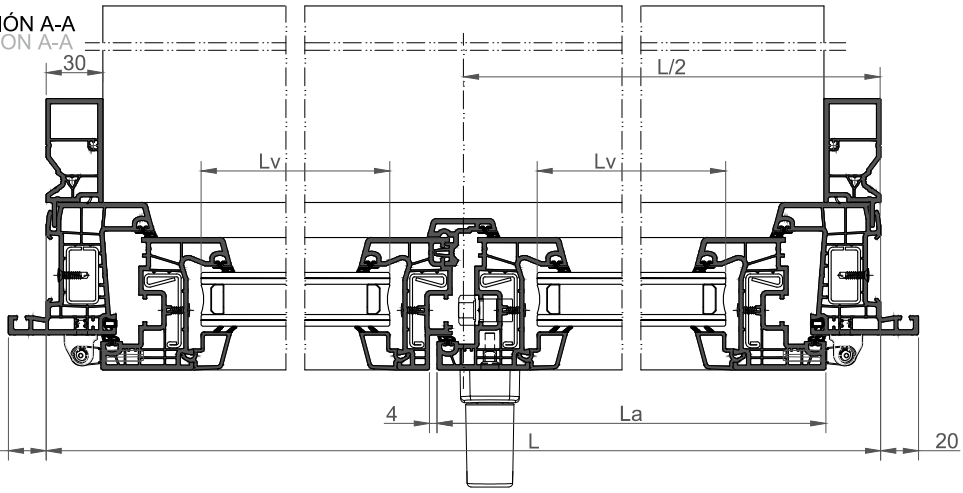
Accesorios / Accessories		
	411380/1/2 BL M C	x 1
	331250	H/300+1

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 121
			Hv = H - 164

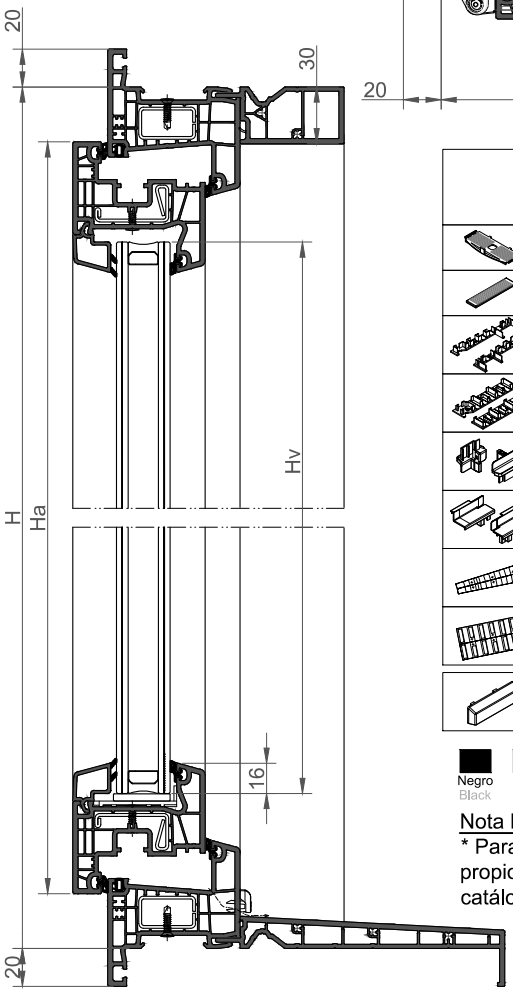
VENTANA 2 HOJAS OSCILOBATIENTES CON TAPÉE / 2 SASH TILT & TURN WINDOW WITH CAP



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 10
	330430	x 10
	420111/3/4 BL M C	x 1
	420131/3/4 BL M C	x 2
	411360/1/2 BL M C	x 1
	411370/1/2 BL M C	x 1
	420301/02 BL ■	x 1
	420311/12 BL ■	x 1
	420101/02 BL M	L/600

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

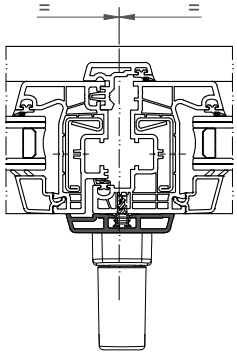
			mm
18312 (1)		x 2	L + 40
		x 2	H + 40
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
18721		x 1	L - 61
		x 2	H - 4
18611		x 1	L - 61
13132 (1)		x 4	L/2 - 15
		x 3	H - 58
13142 (1)		x 1	H - 98
1377 (Acero/ Steel)		x 4	L/2 - 111
		x 3	H - 154
		x 1	H - 154
13432		x 1	H - 128
16031 (2)		x 4	L/2 - 113
		x 4	H - 156

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING



ELEMENTOS CON MANILLA CENTRADA
ELEMENTS WITH CENTERED HANDLE

			mm
13531		x 1	H - 64

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 121
			Hv = H - 164

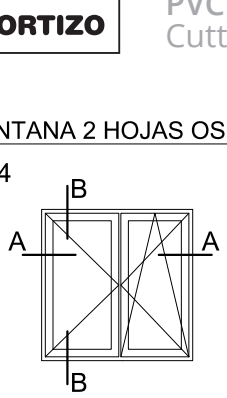
Accesorios / Accessories		
	411380/1/2 BL M C	x 1
	331250	H/300+1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

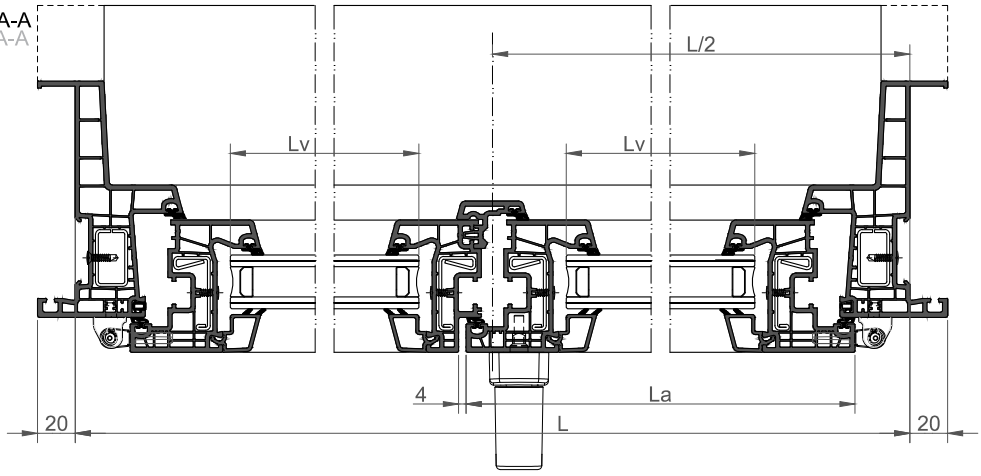
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 2 HOJAS OSCILOBATIENTES - MONOBLOC/ 2 SASH TILT & TURN WINDOW - MONOBLOCK

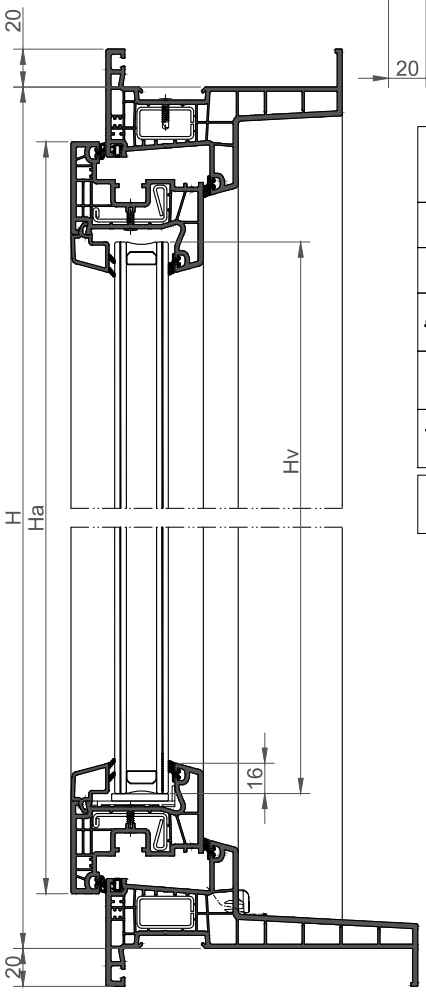
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351300	x 10
	330430	x 10
	420121/3/4 BL M C	x 1
	411360/1/2 BL M C	x 1
	411370/1/2 BL M C	x 1
	420101/02 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

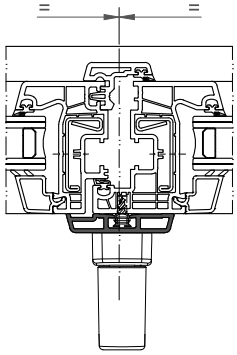
			mm
18432 (1)	x 1	L + 40	
18412 (1)	x 1	L + 40	
	x 2	H + 40	
1890 (Acero/ Steel)	x 2	L - 70	
	x 2	H - 70	
13132 (1)	x 4	L/2 - 15	
	x 3	H - 58	
13142 (1)	x 1	H - 98	
1377 (Acero/ Steel)	x 4	L/2 - 111	
	x 3	H - 154	
	x 1	H - 154	
13432	x 1	H - 128	
16031 (2)	x 4	L/2 - 113	
	x 4	H - 156	

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 121
			Hv = H - 164



Juntas / Gaskets		
	331222/21	2*L + 2*H

ELEMENTOS CON MANILLA CENTRADA
ELEMENTS WITH CENTERED HANDLE

			mm
13531	x 1	H - 64	

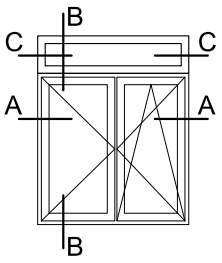
Accesorios		
	411380/1/2 BL M C	x 1
	331250	H/300+1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

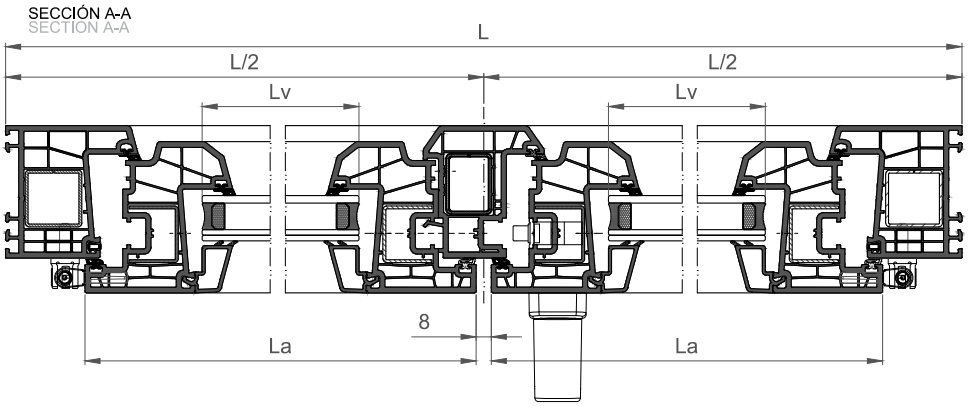
PVC SYSTEM A 70 HINGED
Cutting piece sections

VENTANA 2 HOJAS OSCILOBATIENTES (con registro de cajón) / 2 SASH TILT & TURN WINDOW (with shutter box)

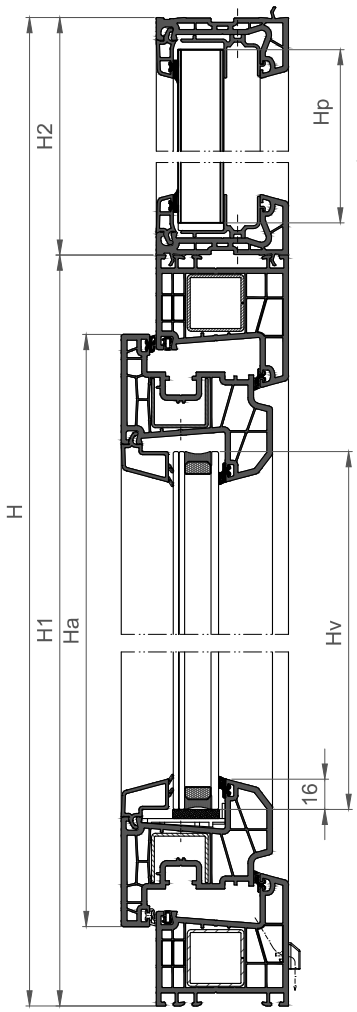
E=1:4
S=1:4



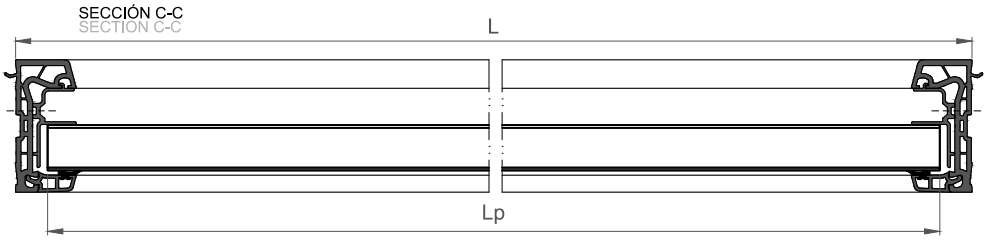
SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



SECCIÓN C-C
SECTION C-C



Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	331310	x 10
	330424	x 10
	330424	x 4
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

$H = H_1 + H_2$

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	13301 (1)		x 2	L
			x 2	H_1
	1390 (Acero / Steel)		x 2	L - 90
			x 2	H_1 - 90
	13211 (1)		x 4	L/2 - 46
			x 4	H_1 - 84
	1391 (Acero / Steel)		x 4	L/2 - 156
			x 4	H_1 - 194
	13401		x 1	H_1 - 154
	1396 (Acero / Steel)		x 1	H_1 - 160
	16041 (2)		x 4	L/2 - 162
			x 4	H_1 - 200
	15261 (1)		x 2	L
			x 2	H_2
	1111		x 2	L - 75
			x 2	H_2 - 75
	16021 (2)		x 2	L - 24
			x 2	H_2 - 24

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

100 kg.	305 < La < 1000
	450 < Ha < 1600

PANEL REGISTRO

e = 24 mm.	x 2	Lv = L/2 - 170	x 1	Lp = L - 35
		Hv = H_1 - 208		Hp = H_2 - 35

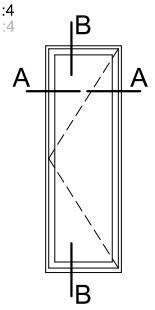
Juntas / Gaskets		
	331222/21	2*L + 2*H_1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

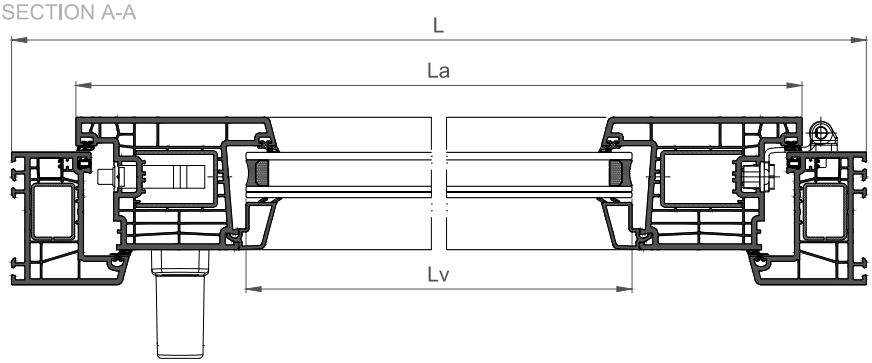
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA PRACTICABLE APERTURA EXTERIOR/ 1 SASH SIDE HUNG BALCONY OUTWARDS OPENING

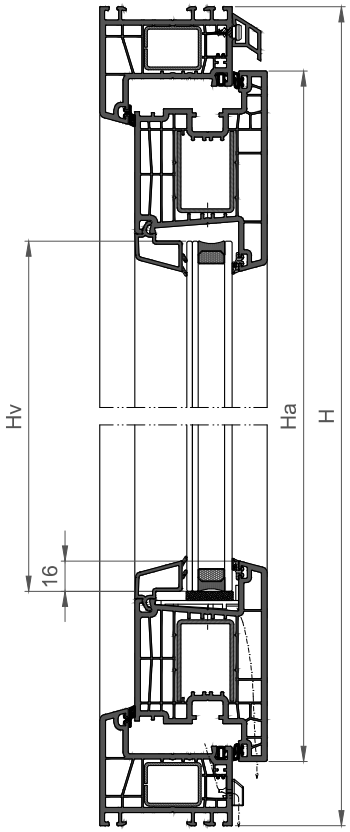
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	361240/1/2 BL M C	x 1
	331250	L/300+1
	331310	x 7
	330424	x 7
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

				mm
13341 (1)			x 2	L
			x 2	H
1595 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13261 (1)			x 2	L - 68
			x 2	H - 68
1392 (Acero / Steel)			x 2	L - 230
			x 2	H - 230
12151			x 1	L - 20
16041 (2)			x 2	L - 240
			x 2	H - 240

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

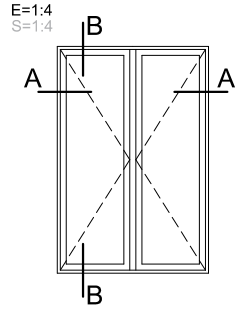
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	2*L + 2*H

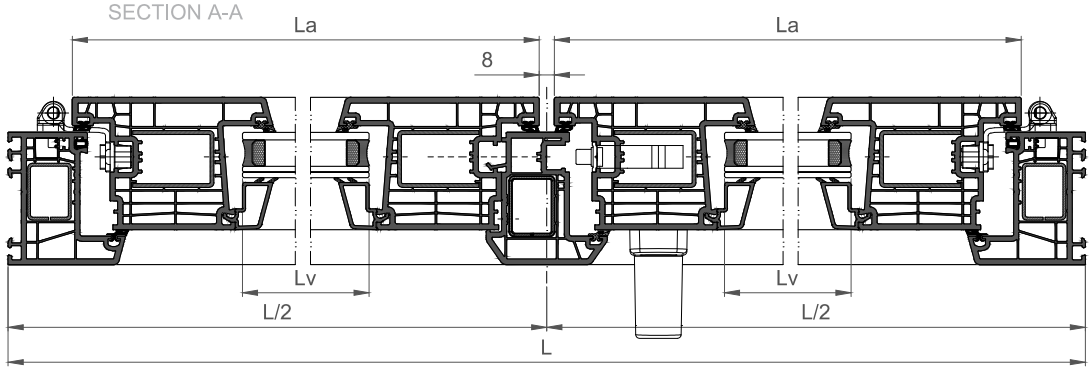
130 kg.	360 < La < 1200	
	1600 < Ha < 2200	

e = 24 mm.	x 1	Lv = L - 248	
		Hv = H - 248	

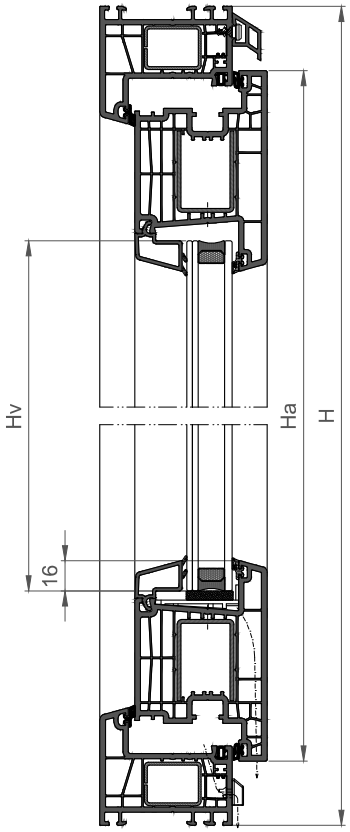
BALCONERA 2 HOJAS OSCILOBATIENTES APERTURA EXTERIOR / 2 SASH TILT & TURN BALCONY OUTWARD OPENING



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B

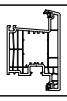


Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 1
	331250	L/300+1
	331310	x 14
	330424	x 14
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13341 (1)		x 2	L
		x 2	H
1595 (Acero / Steel)		x 2	L - 90
		x 2	H - 90
13261 (1)		x 4	L/2 - 38
		x 4	H - 68
1392 (Acero / Steel)		x 4	L/2 - 200
		x 4	H - 230
13401		x 1	H - 138
1396 (Acero / Steel)		x 1	H - 144
12151		x 1	L - 20
16041 (2)		x 4	L/2 - 210
		x 4	H - 240

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	2*L + 2*H

	130 kg.	360 < La < 1050
		1600 < Ha < 2200

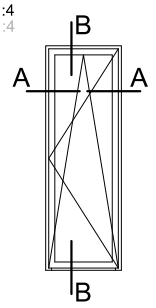
	e = 24 mm.	x 2	Lv = L/2 - 218
			Hv = H - 248

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

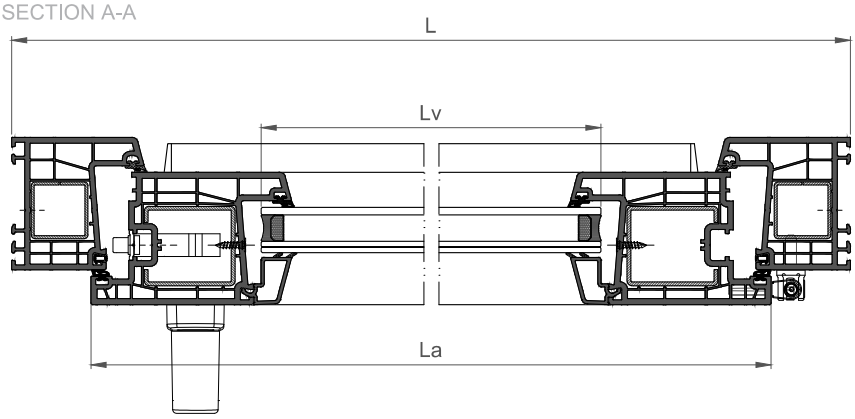
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA CON UMBRAL 1 HOJA OSCILOBATIENTE / 1 SASH TILT AND TURN BALCONY WITH THRESHOLD

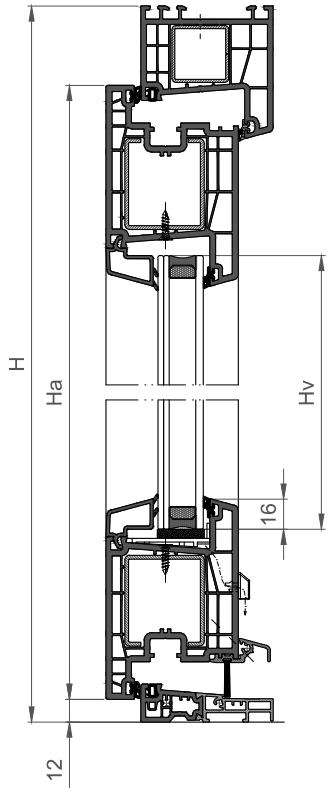
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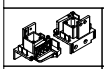
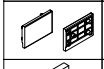
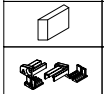
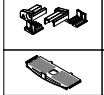
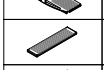
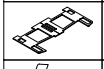
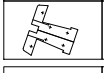
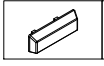


SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	420532/35 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	331310	x 8
	330424	x 8
	420361/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/2 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13301 (1)		x 1	L
		x 2	H - 25
1390 (Acero / Steel)		x 1	L - 90
		x 2	H - 96
1813 (3)		x 1	L - 7
13221 (1)		x 2	L - 84
		x 2	H - 54
1379 (Acero / Steel)		x 2	L - 250
		x 2	H - 220
1827		x 1	L - 155
16041 (2)		x 2	L - 256
		x 2	H - 226

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1817 / Ref. in GREY. In BLACK colour: ref. 1817.

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

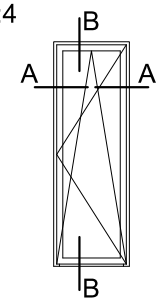
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	360 < La < 1200	
		1600 < Ha < 2400	
	e = 24 mm.	x 1	Lv = L - 264
			Hv = H - 234

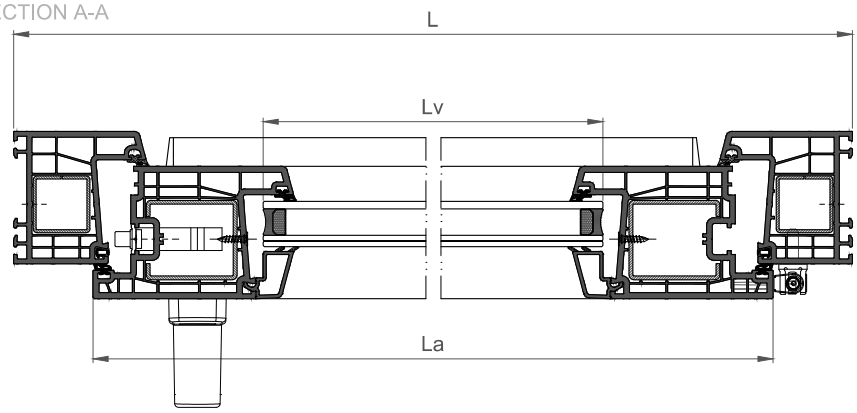
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

BALCONERA CON UMBRAL 1 HOJA OSCILOBATIENTE / 1 SASH TILT AND TURN BALCONY WITH THRESHOLD

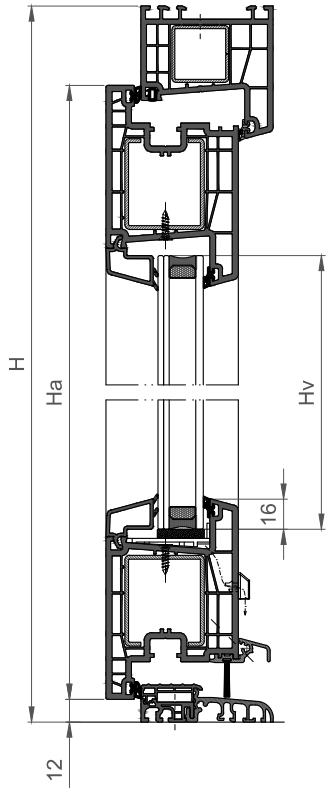
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	371290/91	x 1
	381295/96	x 2
	401200	x 2
	420151/3/4 BL M C	x 1
	331310	x 8
	330424	x 8
	350101/2 BL M	x 2

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13301 (1)		x 1	L
		x 2	H
1390 (perfil Acero)		x 1	L - 90
		x 2	H - 46
1366		x 1	L - 156
13221 (1)		x 2	L - 84
		x 2	H - 54
1379 (perfil Acero)		x 2	L - 250
		x 2	H - 220
1827		x 1	L - 155
16041 (2)		x 2	L - 256
		x 2	H - 226

Nota Junquillos: La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	L + 2*H
	421320/21	L

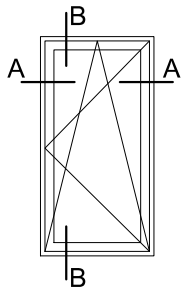
	130 kg.		360 < La < 1200
			1600 < Ha < 2400
	e = 24 mm.	x 1	Lv = L - 264
			Hv = H - 234

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

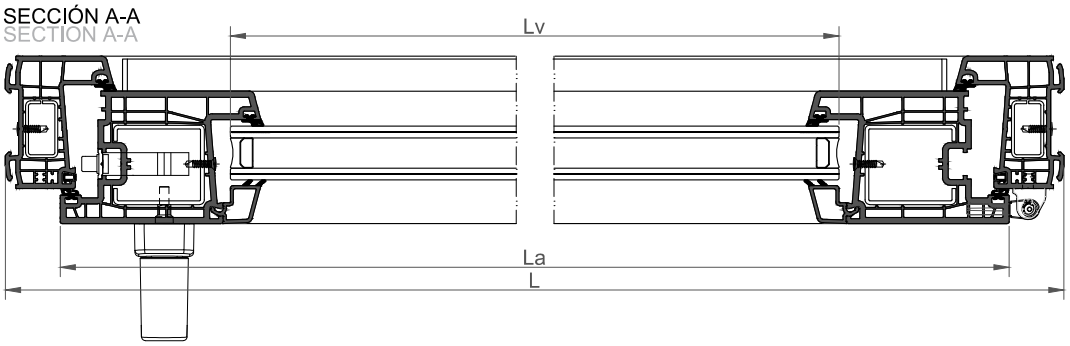
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA OSCILOBATIENTE / 1 SASH TILT AND TURN BALCONY

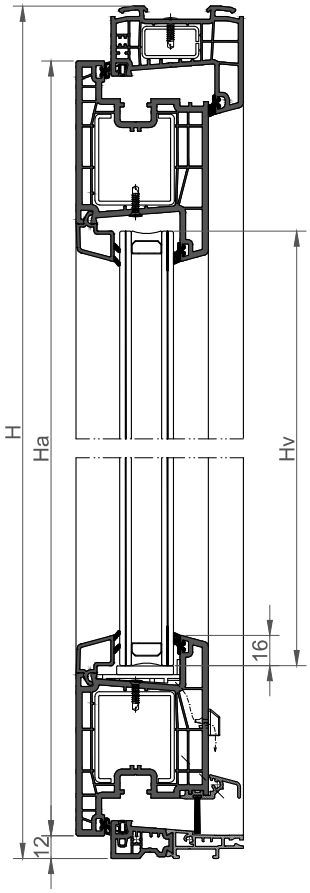
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 8
	330430	x 8
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13221 (1)		x 2	L - 58
		x 2	H - 41
1379 (Acero/ Steel)		x 2	L - 224
		x 2	H - 207
1827		x 1	L - 129
16031 (2)		x 2	L - 230
		x 2	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816.

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

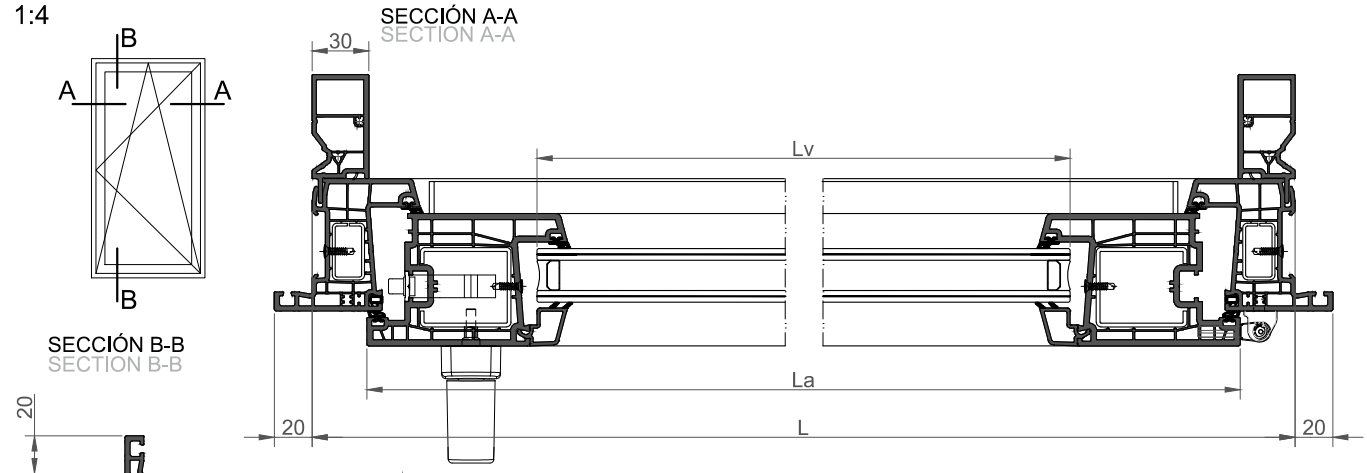
(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 238
			Hv = H - 221

BALCONERA 1 HOJA OSCILOBATIENTE CON TAPÉE / 1 SASH TILT AND TURN BALCONY WITH CAP

1:4



Accesorios / Accessories		
	331310	x 8
	330430	x 8
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420131/3/4 BL M C	x 1
	420522/25 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 2

■ Negro / Black ■ Gris / Grey BL Blanco / White M Marrón / Brown C Caramelo / Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18312 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
18721		x 1	L - 61
		x 2	H - 27
13221 (1)		x 2	L - 58
		x 2	H - 41
1379 (Acero/ Steel)		x 2	L - 224
		x 2	H - 207
1827		x 1	L - 129
16031 (2)		x 2	L - 230
		x 2	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816.

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

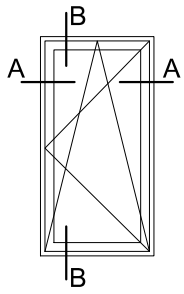
(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

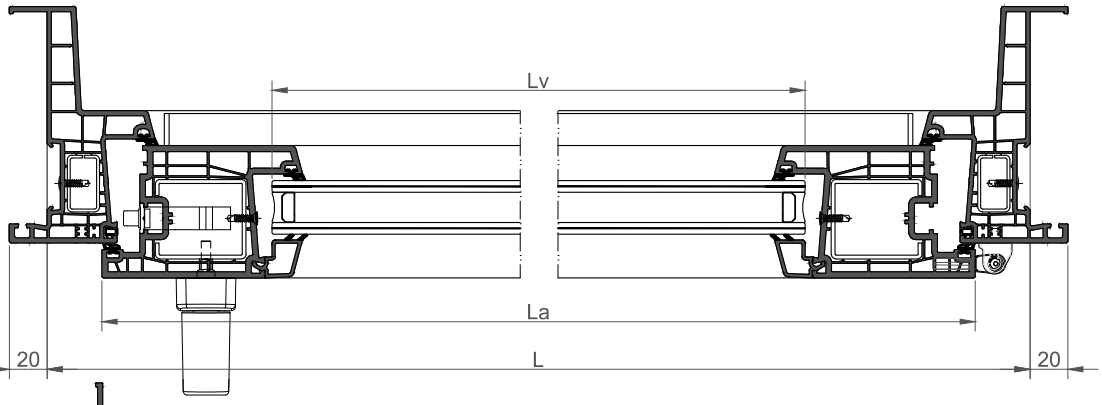
	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 238
			Hv = H - 221

BALCONERA 1 HOJA OSCILOBATIENTE - MONOBLOC / 1 SASH TILT AND TURN BALCONY - MONOBLOCK

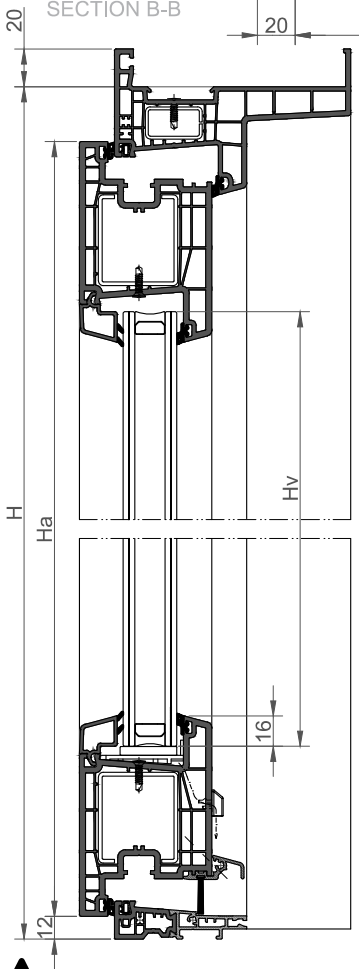
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 8
	330430	x 8
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420512/15 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18412 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13221 (1)		x 2	L - 58
		x 2	H - 41
1379 (Acero/ Steel)		x 2	L - 224
		x 2	H - 207
1827		x 1	L - 129
16031 (2)		x 2	L - 230
		x 2	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

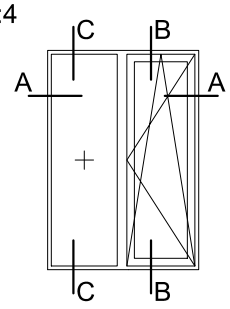
	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 238
			Hv = H - 221

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

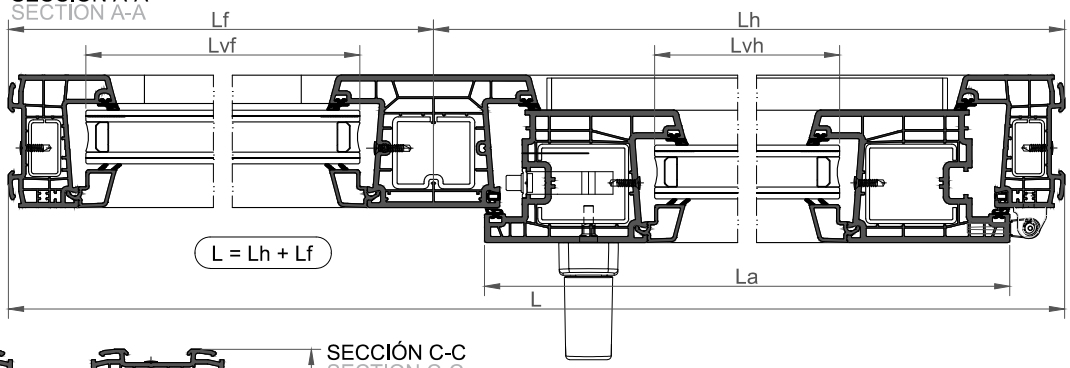
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA OSCILOBATIENTE CON FIJO LATERAL / 1 SASH TILT AND TURN BALCONY WITH LATERAL FIXED

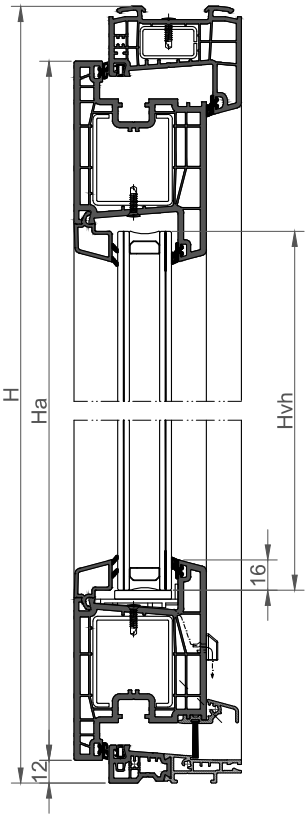
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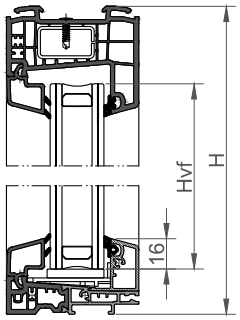
SECCIÓN A-A
SECTION A-A

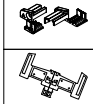


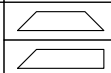
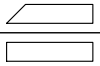
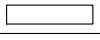
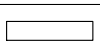
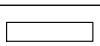
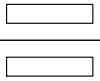
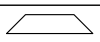
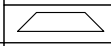
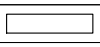
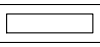
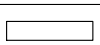
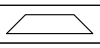
SECCIÓN B-B
SECTION B-B



SECCIÓN C-C
SECTION C-C



Accesorios / Accessories		
	331310	x 14
	330430	x 14
	411345/46 BL ■	x 1
	420202/05 ■ ■	x 1
	420252/55 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420181/3/4 BL M C	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	420351/52 BL ■	x 1
	350101/02 BL M	x 2

					mm
18302 (1)			x 1	L
			x 2	H - 25
1890 (Acero/ Steel)			x 1	L - 70
			x 2	H - 86
1810 (3)			x 1	L - 7
1818		FIJO	x 1	Lf - 142
13521			x 1	H - 59
1298 (Acero/ Steel)			x 1	H - 71
13221 (1)			x 2	Lh - 56
			x 2	H - 41
1379 (Acero/ Steel)			x 2	Lh - 222
			x 2	H - 207
1827			x 1	Lh - 127
16031 (2)			x 2	Lh - 228
			x 2	H - 213
		FIJO	x 2	Lf - 72
		FIJO	x 2	H - 57

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

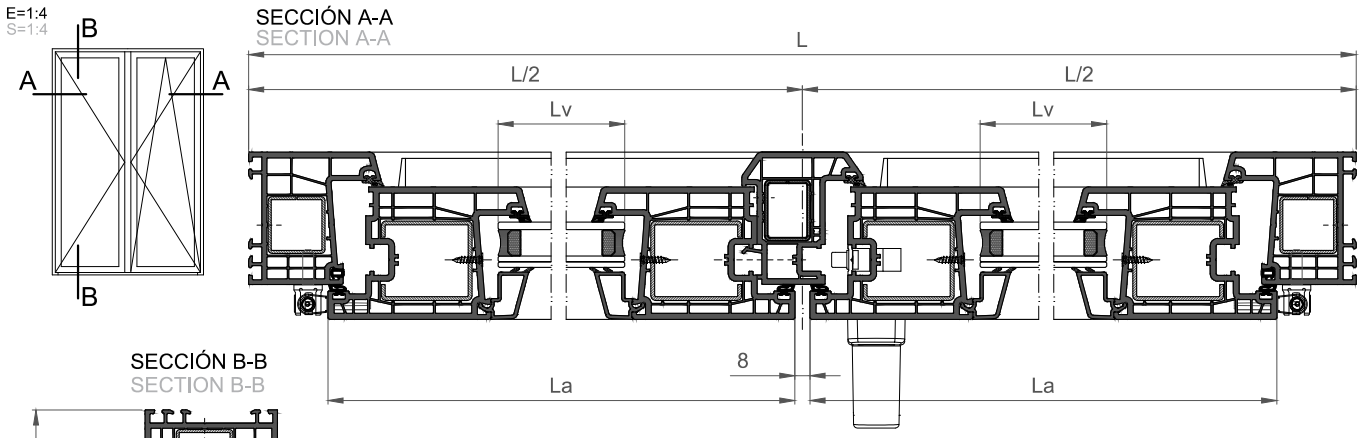
(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21 ■ ■	2*Lh + 2*H
	421320/21 ■ ■	Lh

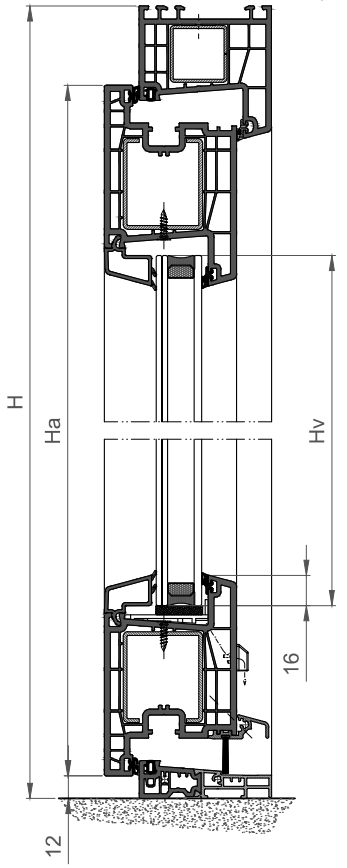
Negro Black ■ Gris Grey ■ BL Blanco White M Marrón Brown C Caramelo Caramel

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)				
	28 mm	x 1	Lvh = Lh - 236	FIJO x 1	Lvf = Lf - 80	
			Hvh = H - 221		Hvf = H - 65	

BALCONERA CON UMBRAL 2 HOJAS OSCILOBATIENTES / 2 SASH TILT & TURN BALCONY WITH THRESHOLD



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420532/35	x 1
	420602/05	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	420361/22 BL	x 1
	420391/92 BL	x 1
	331250	2*La/300
	331310	x 15
	330424	x 15
	350101/02 BL M	x 4

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

			mm
13301 (1)		x 1	L
		x 2	H - 25
1390 (Acero / Steel)		x 1	L - 90
		x 2	H - 96
1813 (3)		x 1	L - 7
13221 (1)		x 4	L/2 - 46
		x 4	H - 54
1379 (Acero / Steel)		x 4	L/2 - 212
		x 4	H - 220
13401		x 1	H - 124
1396 (Acero / Steel)		x 1	H - 130
1827		ACT. x 1	L/2 - 117
		PAS. x 1	L/2 - 68.5
16041 (2)	(2)	x 4	L/2 - 218
		x 4	H - 226

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1817 / Ref. in GREY. In BLACK colour: ref. 1817

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

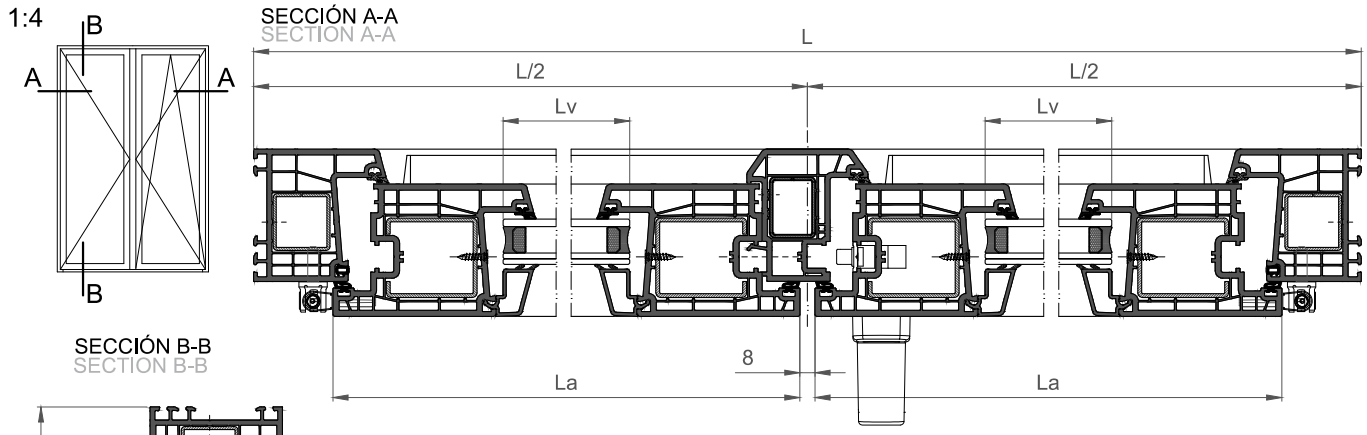
Juntas / Gaskets		
	331222/21	2*L + 2*H
	421320/21	L

	130 kg.		360 < La < 1050
			1600 < Ha < 2400
	e = 24 mm.	x 2	Lv = L/2 - 226
			Hv = H - 234

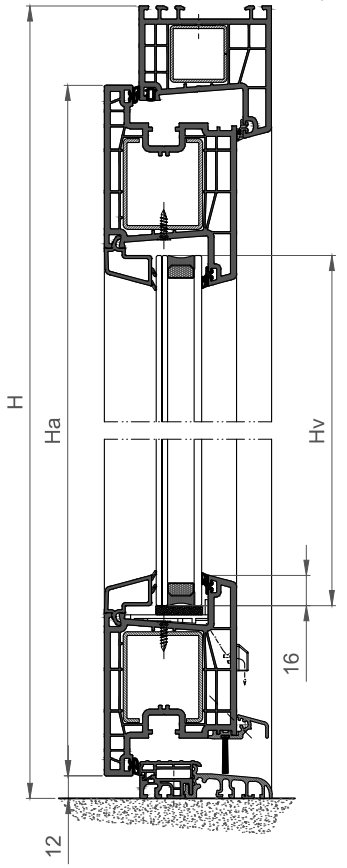
SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA CON UMBRAL 2 HOJAS OSCILOBATIENTES / 2 SASH TILT & TURN BALCONY WITH THRESHOLD



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	371290/91	x 1
	381295/96	x 2
	401200	x 2
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	331250	2*La/300
	331310	x 15
	330424	x 15
	350101/02 BL M	x 4

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13301 (1)		x 1	L
		x 2	H
1390 (perfil Acero)		x 1	L - 90
		x 2	H - 46
1366		x 1	L - 156
13221 (1)		x 4	L/2 - 46
		x 4	H - 54
1379 (perfil Acero)		x 4	L/2 - 212
		x 4	H - 220
13401		x 1	H - 124
1396 (perfil Acero)		x 1	H - 130
1827		ACT. x 1	L/2 - 117
		PAS. x 1	L/2 - 68.5
16041 (2)		x 4	L/2 - 218
		x 4	H - 226

Nota Junquillos: La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	L + 2*H
	421320/21	L

130 kg.	360 < La < 1050	
	1600 < Ha < 2400	

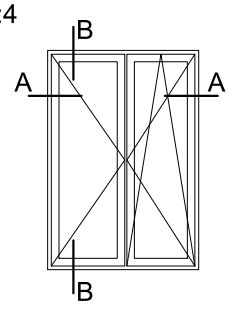
e = 24 mm.	x 2	Lv = L/2 - 226	
		Hv = H - 234	

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

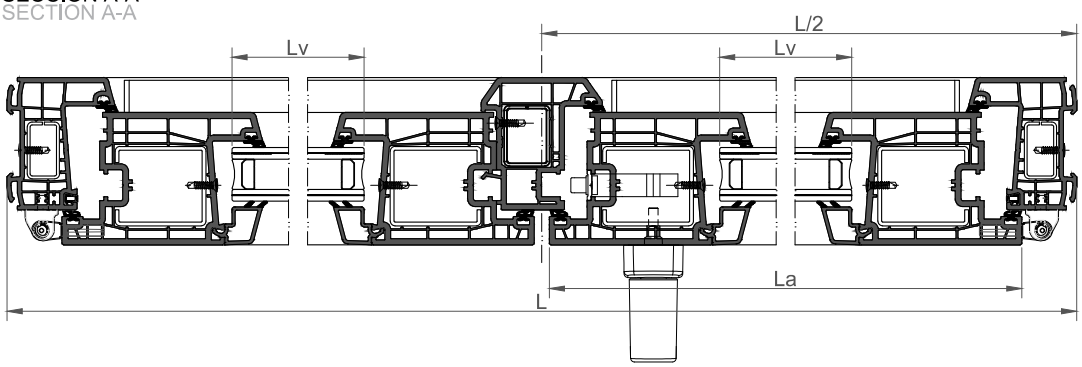
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA CON UMBRAL 2 HOJAS OSCILOBATIENTES / 2 SASH TILT & TURN BALCONY WITH THRESHOLD

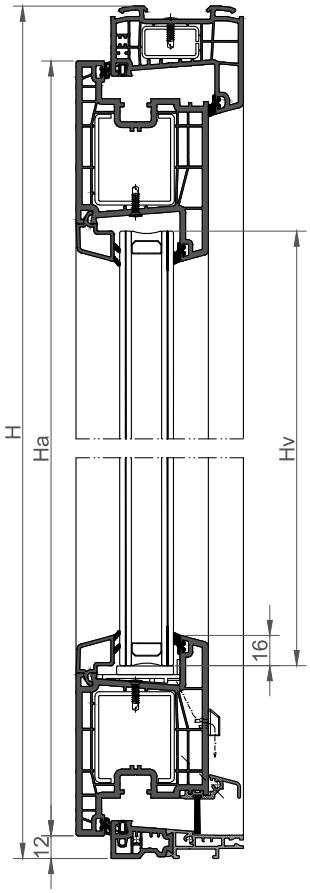
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 15
	330430	x 15
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13221 (1)		x 4	L/2 - 33
		x 4	H - 41
1379 (Acero/ Steel)		x 4	L/2 - 199
		x 4	H - 207
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L - 205
		x 4	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

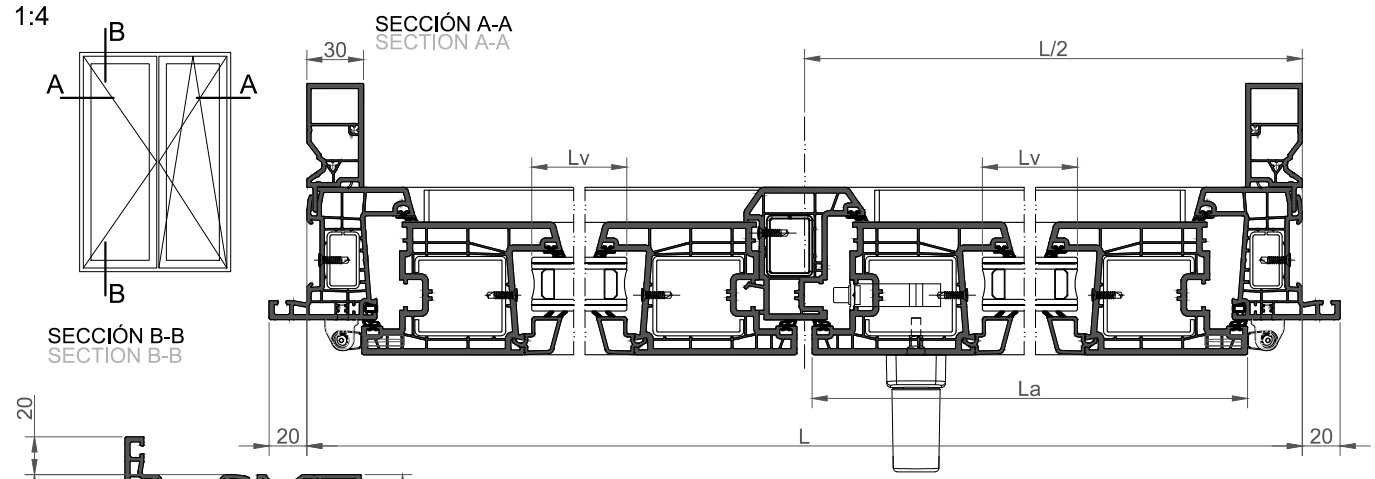
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 213
			Hv = H - 221

BALCONERA 2 HOJAS OSCILOBATIENTES CON TAPÉE / 2 SASHES TILT AND TURN BALCONY WITH CAP



Accesorios / Accessories		
	331310	x 15
	330430	x 15
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420131/3/4 BL M C	x 1
	420522/25 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

■ Negro / Black ■ Gris / Grey BL Blanco / White M Marrón / Brown C Caramelo / Caramel

			mm
18312 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
18721		x 1	L - 61
		x 2	H - 27
13221 (1)		x 4	L/2 - 33
		x 4	H - 41
1379 (Acero/ Steel)		x 4	L/2 - 199
		x 4	H - 207
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L - 205
		x 4	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

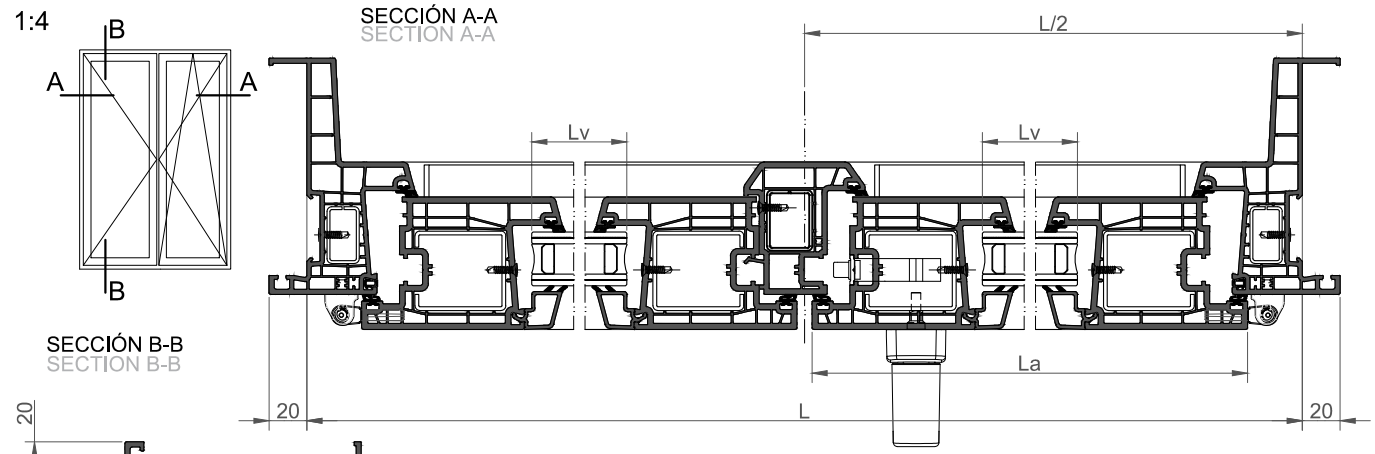
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

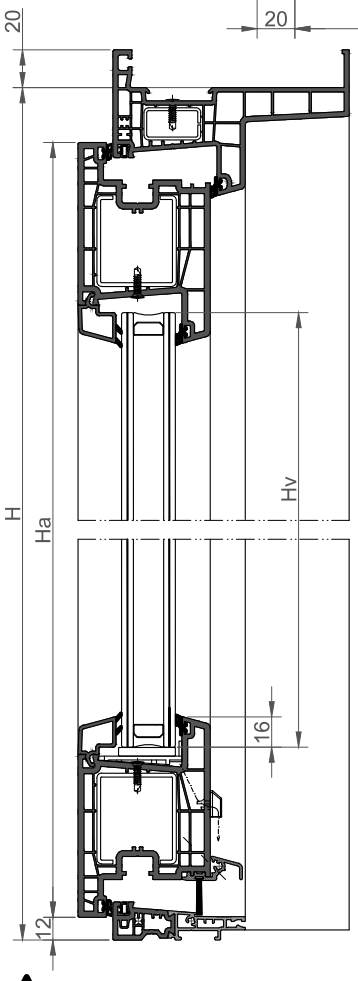
	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 213
			Hv = H - 221

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

BALCONERA 2 HOJAS OSCILOBATIENTES - MONOBLOC / 2 SASHES TILT AND TURN BALCONY - MONOBLOCK





Accesorios / Accessories		
	331310	x 15
	330430	x 15
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420512/15 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18412 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13221 (1)		x 4	L/2 - 33
		x 4	H - 41
1379 (Acero/ Steel)		x 4	L/2 - 199
		x 4	H - 207
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L - 205
		x 4	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

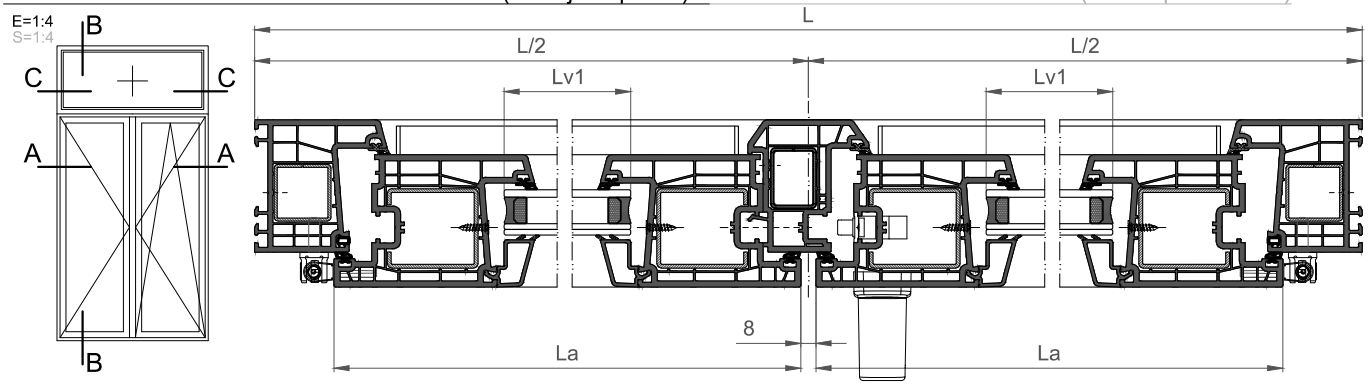
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 213
			Hv = H - 221

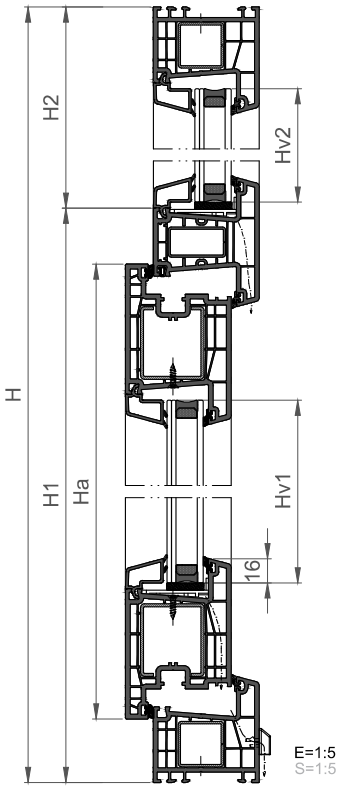
SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

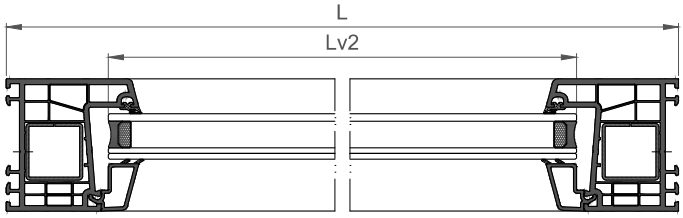
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 2 HOJAS OSCILOBATIENTES (con fijo superior) / 2 SASH TILT & TURN BALCONY (with superior fixed)



SECCIÓN B-B
SECTION B-B





SECCIÓN A-A
SECTION A-A

SECCIÓN C-C
SECTION C-C

Accesorios / Accessories		
	391361/2/3/4 BL M C	x 2
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	331250	2*La/300
	331310	x 19
	330424	x 19
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13501			x 1	L - 94
1395 (Acero / Steel)			x 1	L - 107
13221 (1)			x 4	L/2 - 46
			x 4	H_1 - 79
1379 (Acero / Steel)			x 4	L/2 - 212
			x 4	H_1 - 245
12151			x 2	L/2 - 118
13401			x 1	H_1 - 149
1396 (Acero / Steel)			x 1	H_1 - 155
16041 (2)			x 4 x 4	L/2 - 218 H_1 - 251
			x 2 x 2	L - 100 H_2 - 50

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

H = H1 + H2

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

130 kg.	360 < La < 1050	
	1600 < Ha < 2400	

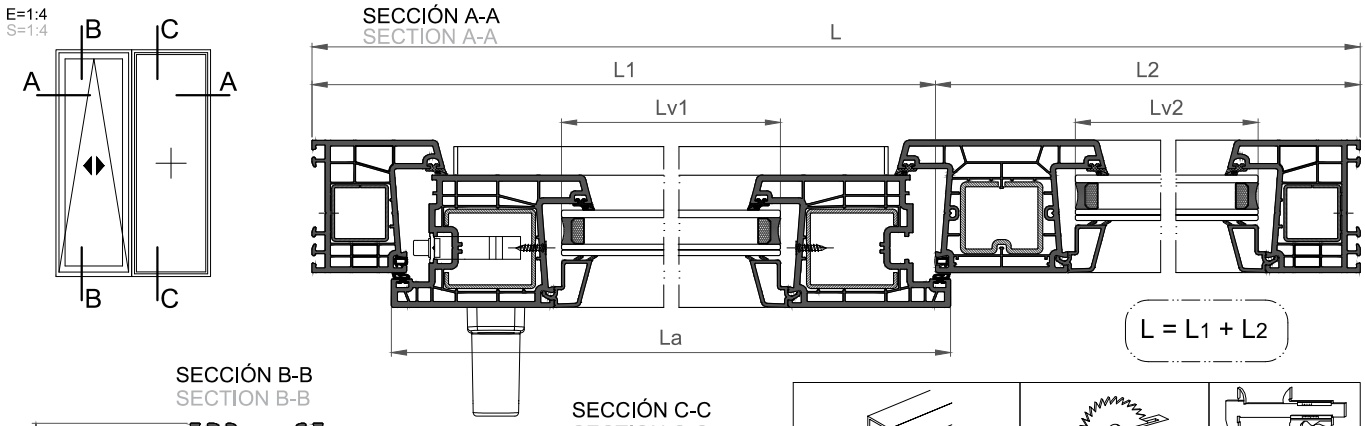
			FIJO		
e = 24 mm.	x 2	Lv1 = L/2 - 226	x 1	Lv2 = L - 108
		Hv1 = H_1 - 259		Hv2 = H_2 - 58

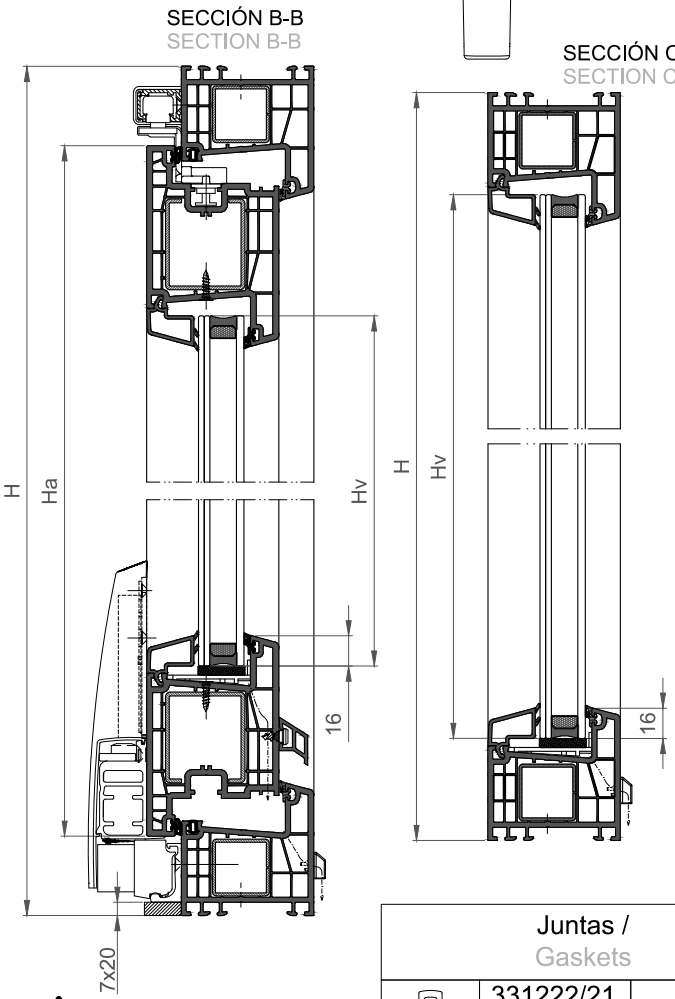
Juntas / Gaskets		
	331222/21	2*L + 2*H_1

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA OSCILO-PARALELA Y FIJO LATERAL / 1 SASH TILT & SLIDE BALCONY AND LATERAL FIXED





				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13521			x 1	H - 94
1298 (Acero / Steel)			x 1	H - 107
13221 (1)			x 2	L1 - 50
			x 2	H - 84
1379 (Acero / Steel)			x 2	L1 - 198
			x 2	H - 250
12151			x 1	L1 - 104
16041 (2)			x 2 x 2	L1 - 206 H - 256
			x 2 x 2	L2 - 120 H - 100

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L1 + 2*H

(1)

NOTA IMPORTANTE:

MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L2 > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L2 > 1100 mm.; 3 uds.

Accesorios / Accessories		
	361350	x 2
	361240/1/2 BL M C	x 1
	331250	La/300
	331310	x 12
	330424	x 12
	350101/2 BL M	L1/600 + 2 (*)

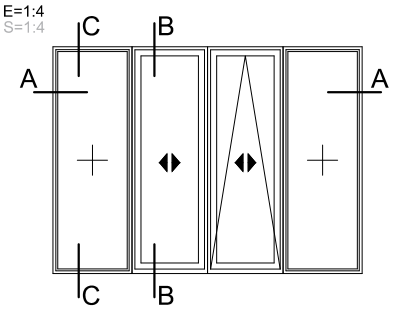
Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

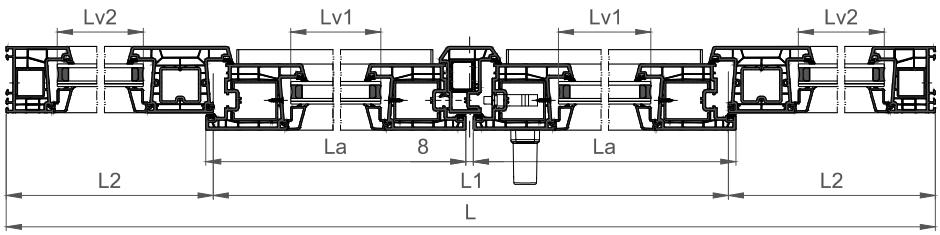
160 kg.	765 < La < 1500 865 < Ha < 2400					

FIJO / FIXED

e = 24 mm.	x 1	Lv1 = L1 - 214 Hv1 = H - 264	x 1	Lv2 = L2 - 128 Hv2 = H - 108		

BALCONERA 2 HOJAS OSCILO-PARALELAS Y FIJOS LATERALES / 2 SASH TILT & SLIDE BALCONY AND LATERAL FIXED

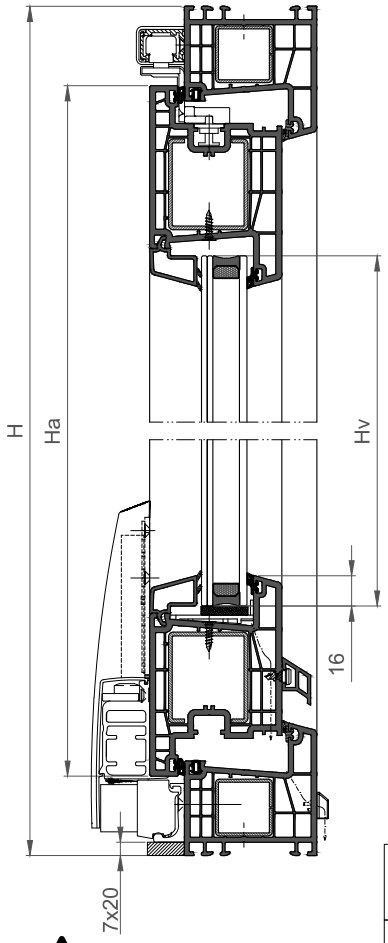




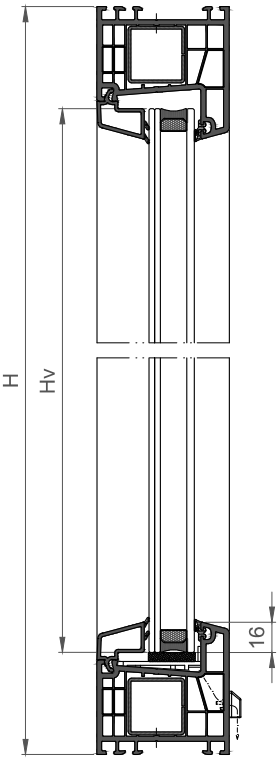
SECCIÓN A-A E=1:8
SECTION A-A S=1:8

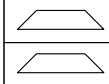
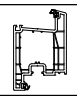
L = L1 + 2*L2

SECCIÓN B-B
SECTION B-B



SECCIÓN C-C
SECTION C-C



				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
13521			x 2	H - 94
1298 (Acero / Steel)			x 2	H - 107
13221 (1)			x 4	L1/2 + 4
			x 4	H - 84
1379 (Acero / Steel)			x 4	L1/2 - 160
			x 4	H - 250
12151			x 2	L1/2 - 68
13401			x 1	H - 154
1396 (Acero / Steel)			x 1	H - 160
16041 (2)			x 4 x 4	L1/2 - 168 H - 256
			x 4 x 4	L2 - 120 H - 100

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

Juntas / Gaskets		
	331222/21	2*L1 + 2*H

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L2 > 1100 mm.; 6 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L2 > 1100 mm.; 6 uds.

Accesorios / Accessories		
	361350	x 4
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	331250	2*La/300
	331310	x 24
	330424	x 24
	350101/2 BL M	L1/600 + 4 (*)

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

	160 kg.	765 < La < 1400 865 < Ha < 2400				

FIJO / FIXED

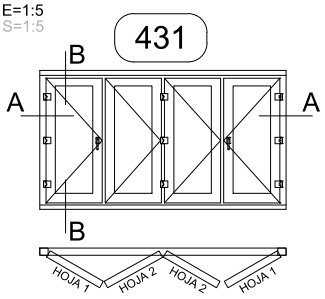
	e = 24 mm.	x 2	Lv1 = L1/2 - 176 Hv1 = H - 264	x 2	Lv2 = L2 - 128 Hv2 = H - 108	

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

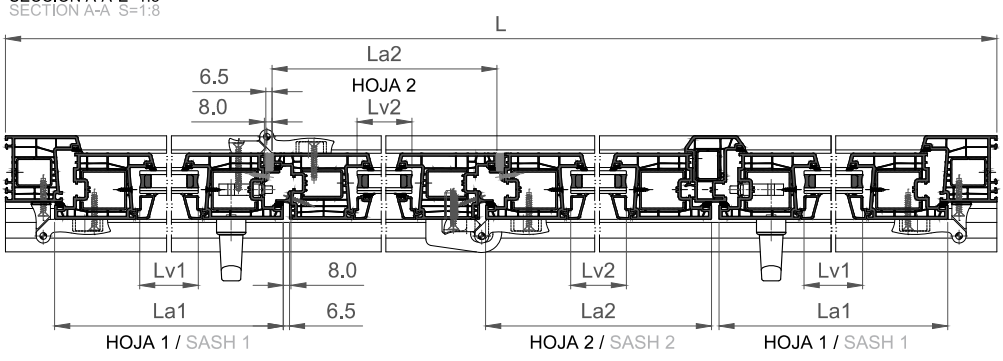
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA PLEGABLE DE 4 HOJAS (Esquema 431) / BI-FOLD SCHEME 431

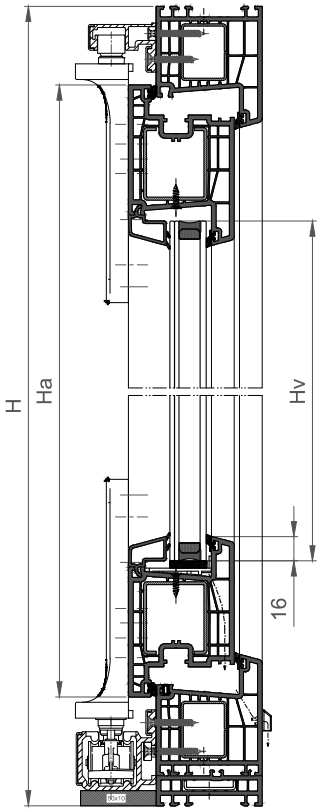
E=1:5
S=1:5



SECCIÓN A-A E=1:8
SECTION A-A S=1:8



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	351380/1 BL M	x 2
	351385	x 2
	331310	x 32
	330424	x 32
	350101/2 BL M	L/600

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

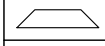
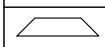
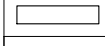
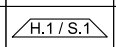
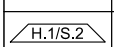
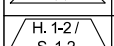
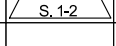
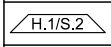
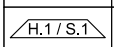
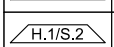
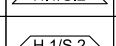
Juntas / Gaskets		
	331222/21	2*L + 2*H
	351202/01	L

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	100 kg.	490 < La < 940
		850 < Ha < 2150

	e = 24 mm.	x 2	Lv1 = L/4 - 209	x 2	Lv2 = L/4 - 195
			Hv = H - 304		Hv = H - 304

				mm
13331 (1)			x 2	L
			x 2	H - 20
1383 (Acero / Steel)			x 2	L - 110
			x 2	H - 130
12451			x 1	L
1292 (Acero / Steel)			x 1	L - 20
13221 (1)			x 4	L/4 - 29
			x 4	L/4 - 15
			x 6	H - 124
13261 (1)			x 2	H - 124
1379 (Acero / Steel)			x 4	L/4 - 107
			x 4	L/4 - 93
			x 4	H - 202
			x 2	H - 197
1392 (Acero / Steel)			x 2	H - 197
13401			x 1	H - 194
1396 (Acero / Steel)			x 1	H - 200
13441			x 4	H - 168
16041 (2)			x 4	L/4 - 201
			x 4	L/4 - 187
			x 8	H - 296

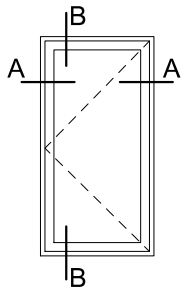
(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

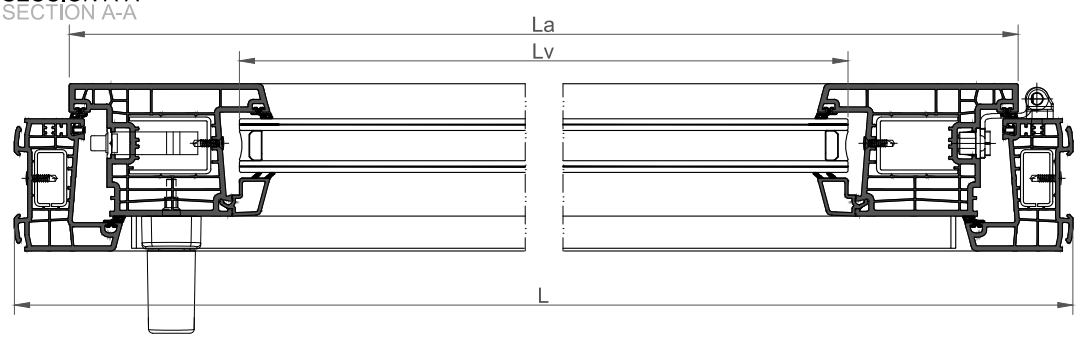
PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA APERTURA EXTERIOR/ 1 SASH EXTERIOR OPENING BALCONY

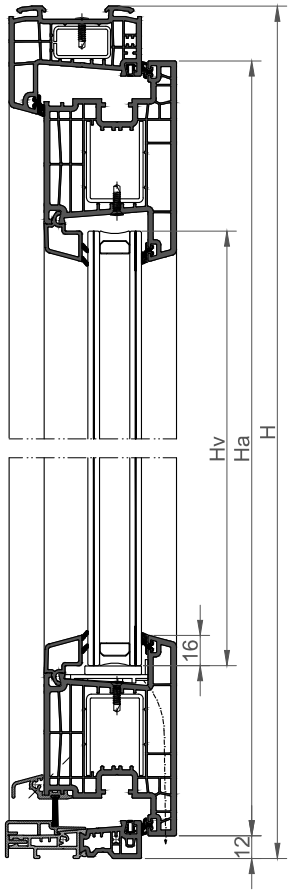
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 7
	330430	x 7
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420232/35 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
1814		x 1	L - 120
13261 (1)		x 2	L - 58
		x 2	H - 41
1392 (Acero/ Steel)		x 2	L - 224
		x 2	H - 207
1827		x 1	L - 129
16031 (2)		x 2	L - 230
		x 2	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

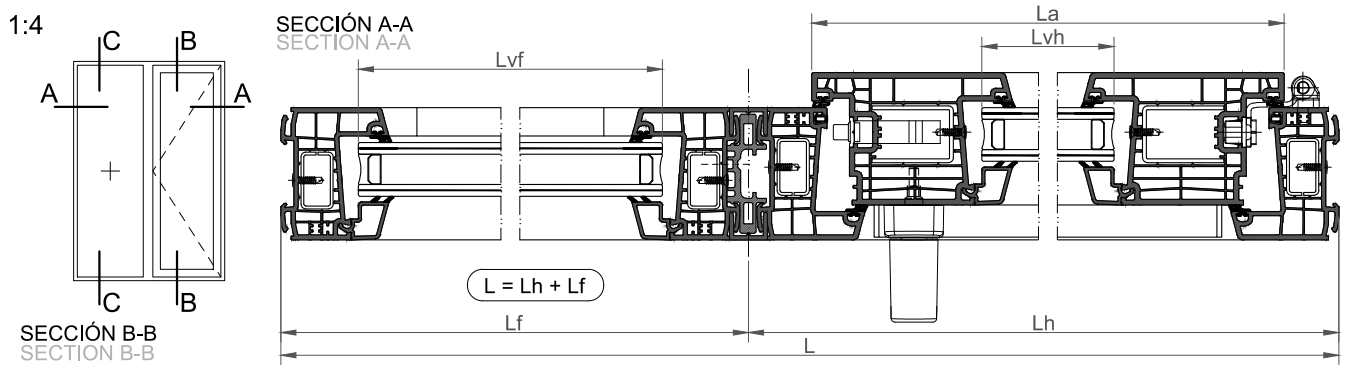
	130 kg.	La > 360; Ha < 2200 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 238
			Hv = H - 221

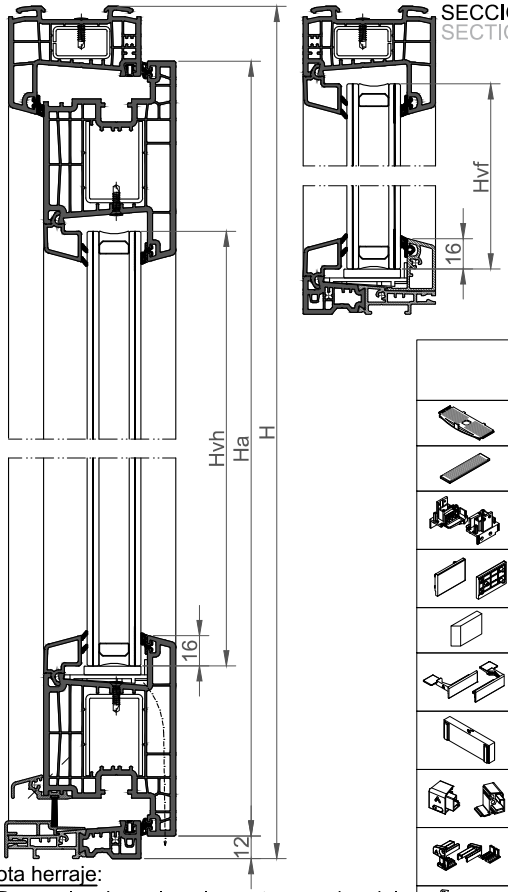
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421322/23 ■ ■	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

BALCONERA 1 HOJA APERTURA EXTERIOR CON FIJO LATERAL/ 1 SASH EXTERIOR OPENING BALCONY WITH LATERAL FIXED





Accesorios / Accessories		
	331310	x 13
	330430	x 13
	420202/05 ■ ■	x 2
	420602/05 ■ ■	x 1
	420610	x 2
	420232/35 ■ ■	x 1
	420272/75 ■ ■	x 1
	420181/3/4 BL M C	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 2
	420391/92 BL ■	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

			mm
18302 (1)		x 1	Lh - 4.5
		x 2	H - 25
		FIJO x 1	Lf - 4.5
		FIJO x 2	H - 25
1890 (Acero/ Steel)		x 1	Lh - 75
		x 2	H - 86
		FIJO x 1	Lf - 75
		FIJO x 2	H - 86
1810 (3)		x 1	Lh - 11.5
		FIJO x 1	Lf - 11.5
1814		x 1	Lh - 124.5
1850		x 2	H - 25
1893 (ALUMINIO)		x 1	H - 70
1818		FIJO x 1	Lf - 148.5
13261 (1)		x 2	Lh - 62.5
		x 2	H - 41
1392 (Acero/ Steel)		x 2	Lh - 228.5
		x 2	H - 207
1827		x 1	Lh - 133.5
16031 (2)		x 2	Lh - 234.5
		x 2	H - 213
		FIJO x 2	Lf - 78.5
		FIJO x 2	H - 57

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

Juntas / Gaskets		
	331222/21 ■ ■	2*Lh + 2*H
	421322/23 ■ ■	Lh

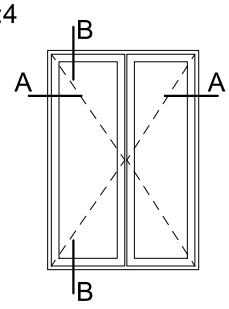
	130 kg.	La > 360; Ha < 2200 (ver tablas de aplicación/ see application tables)				
	28 mm	x 1	Lvh = Lh - 242.5	FIJO x 1	Lvf = Lf - 86.5	
			Hvh = H - 221		Hvf = H - 65	

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

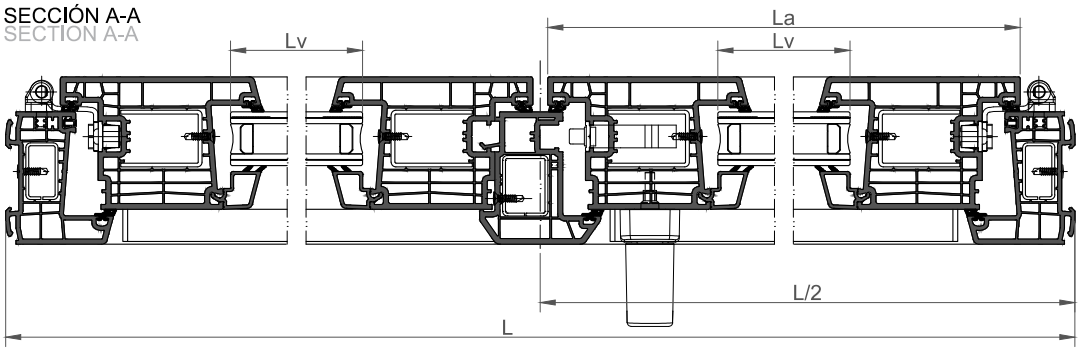
BALCONERA 1 HOJA APERTURA EXTERIOR/ 1 SASH EXTERIOR OPENING BALCONY

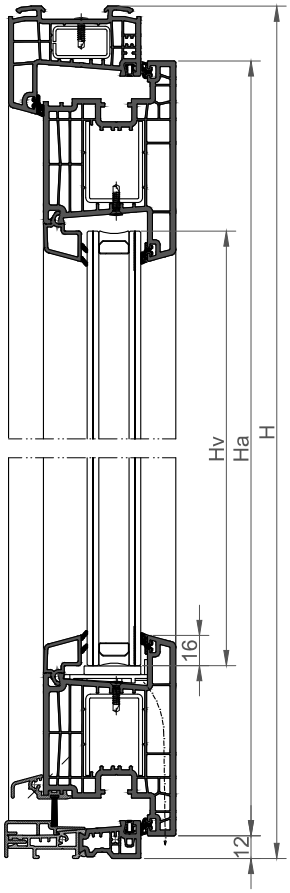
1:4



SECCIÓN B-B
SECTION B-B

SECCIÓN A-A
SECTION A-A





Accesorios / Accessories		
	331310	x 14
	330430	x 14
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420232/35 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420171/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
1814		x 1	L - 120
13261 (1)		x 4	L/2 - 33
		x 4	H - 41
1392 (Acero/ Steel)		x 4	L/2 - 199
		x 4	H - 207
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L - 205
		x 4	H - 213

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2200 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 213
			Hv = H - 221

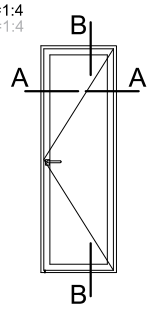
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421322/23 ■ ■	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

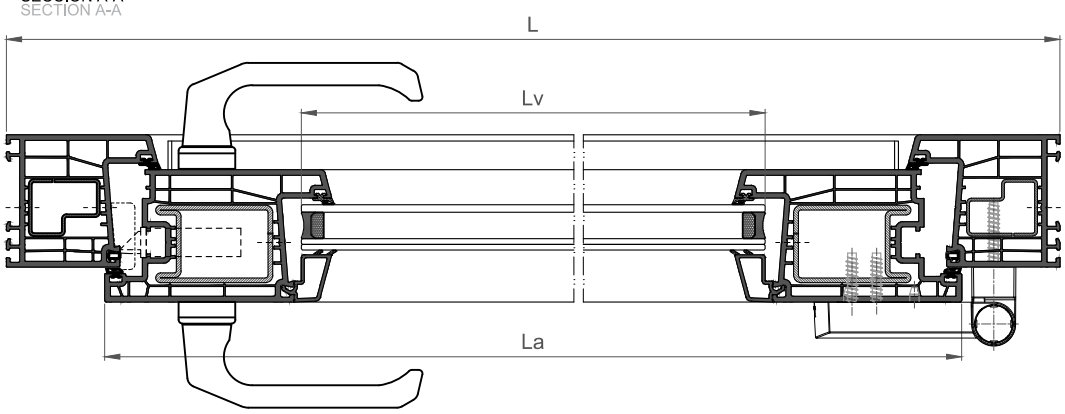
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA PRACTICABLE CON UMBRAL / 1 SASH SIDE HUNG DOOR WITH THRESHOLD

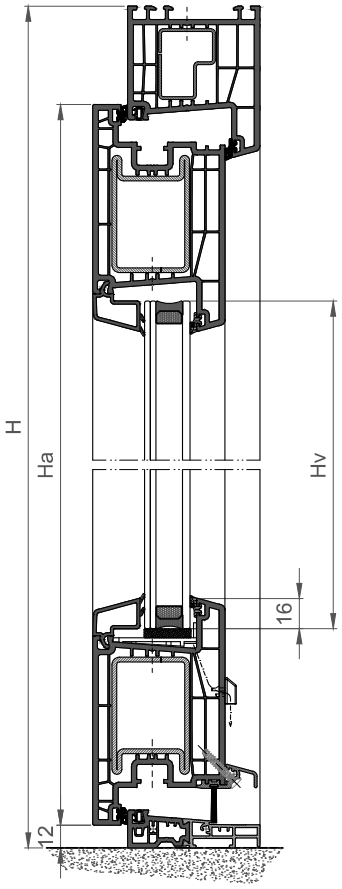
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 8
	331310	x 7
	330424	x 7
	420542/45 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420371/72 BL ■	x 1
	420391/92 BL ■	x 1
	331250	La/300
	331310	x 7
	330424	x 7
	350101/02 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

			mm
13331 (1)		x 1	L
		x 2	H - 25
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 110
1813 (3)		x 1	L - 7
13231 (1)		x 2	L - 104
		x 2	H - 64
1399 (Acero / Steel)		x 2	L - 292
		x 2	H - 252
1827		x 1	L - 175
16041 (2)		x 2 x 2	L - 304 H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1817 / Ref. in GREY. In BLACK colour: ref. 1817.

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

	160 kg.	700 < La < 1300
		1900 < Ha < 2500

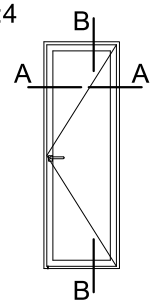
	e = 24 mm.	x 1	Lv = L - 312
			Hv = H - 272

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

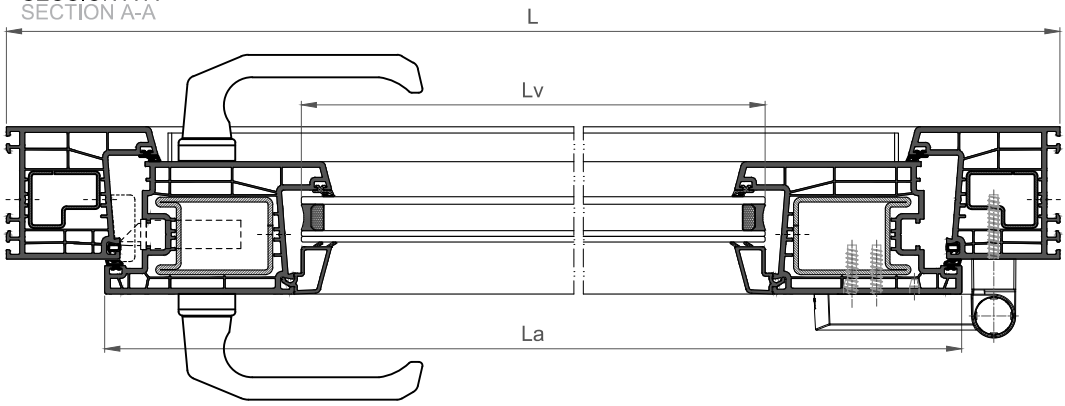
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA PRACTICABLE CON UMBRAL / 1 SASH SIDE HUNG DOOR WITH THRESHOLD

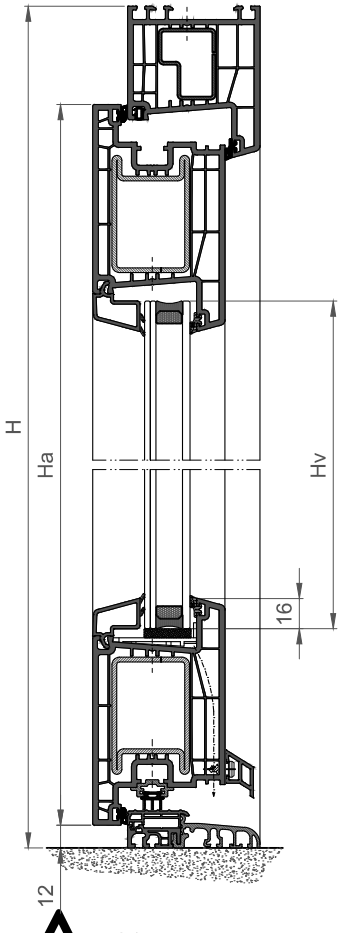
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1300	
	1900 < Ha < 2500	

e = 24 mm.	x 1	Lv = L - 312	
		Hv = H - 272	

Accesorios / Accessories		
	351323	x 8
	361240/1/2 BL M C	x 1
	371290/91	x 1
	351292/93	x 2
	331250	La/300
	331310	x 7
	330424	x 7

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (perfil Acero)		x 1	L - 105
		x 2	H - 55
1366		x 1	L - 176
13231 (1)		x 2	L - 104
		x 2	H - 64
1399 (perfil Acero)		x 2	L - 292
		x 2	H - 252
12151		x 1	L - 174
COR-2849		x 1	L - 144
16041 (2)		x 2 x 2	L - 304 H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

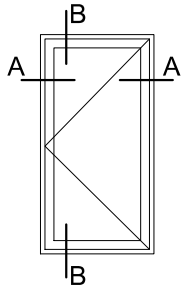
Juntas / Gaskets		
	331222/21	L + 2*H
	307600	L - 144

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

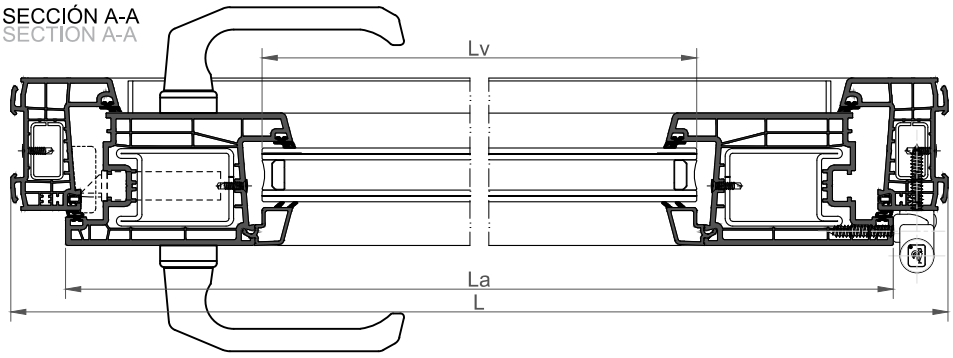
PUERTA 1 HOJA PRACTICABLE CON UMBRAL / 1 SASH SIDE HUNG DOOR WITH THRESHOLD

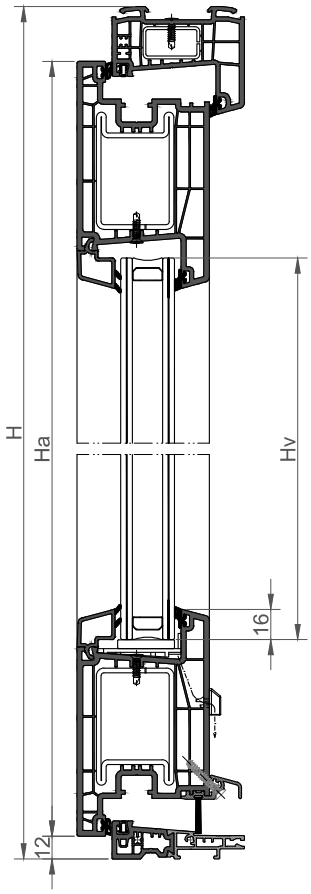
1:4



SECCIÓN B-B
SECTION B-B

SECCIÓN A-A
SECTION A-A





Accesorios / Accessories		
	351323	x 8
	331310	x 7
	330430	x 7
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13231 (1)		x 2	L - 58
		x 2	H - 41
1399 (Acero/ Steel)		x 2	L - 246
		x 2	H - 229
1827		x 1	L - 129
16031 (2)		x 2	L - 258
		x 2	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	120 kg.	La > 700; Ha < 2500 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 266
			Hv = H - 249

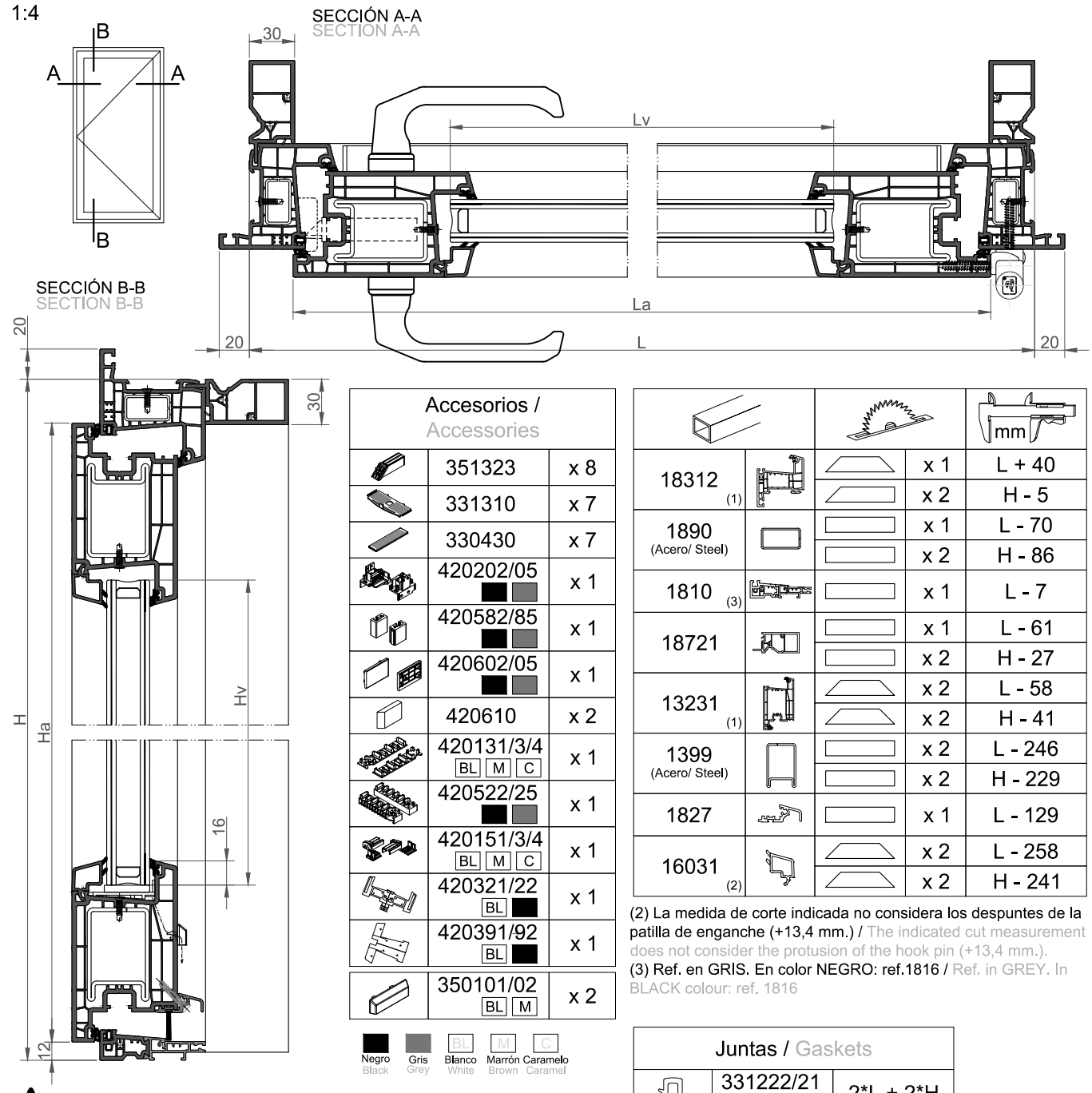
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA PRACTICABLE CON UMBRAL CON TAPÉE / 1 SASH SIDE HUNG DOOR WITH THRESHOLD WITH CAP

1:4



Accesorios / Accessories		
	351323	x 8
	331310	x 7
	330430	x 7
	420202/05	x 1
	420582/85	x 1
	420602/05	x 1
	420610	x 2
	420131/3/4 BL M C	x 1
	420522/25	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL	x 1
	420391/92 BL	x 1
	350101/02 BL M	x 2

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

			mm
18312 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
18721		x 1	L - 61
		x 2	H - 27
13231 (1)		x 2	L - 58
		x 2	H - 41
1399 (Acero/ Steel)		x 2	L - 246
		x 2	H - 229
1827		x 1	L - 129
16031 (2)		x 2	L - 258
		x 2	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 266
			Hv = H - 249

Juntas / Gaskets		
	331222/21	2*L + 2*H
	421320/21	L

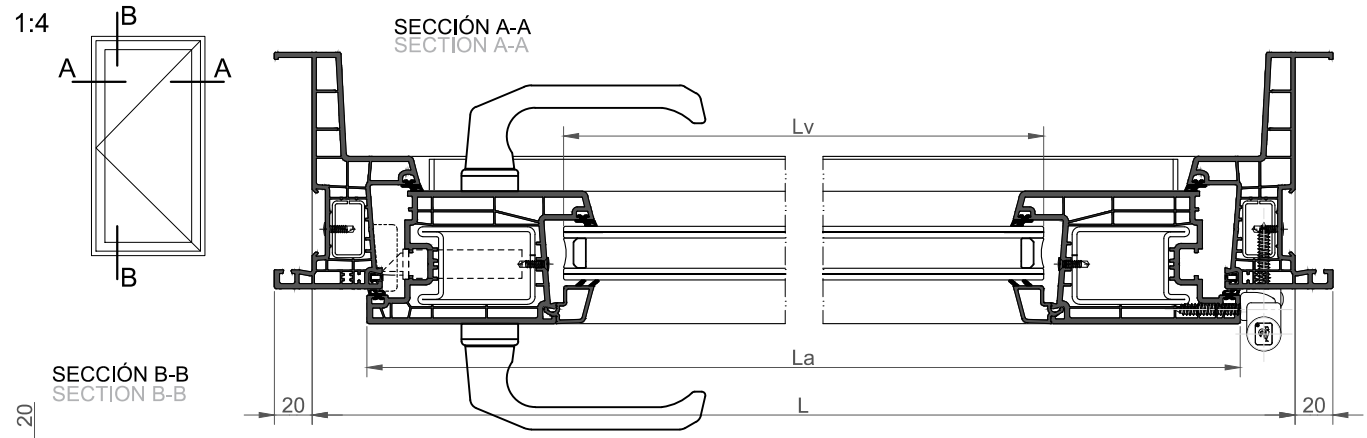
Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

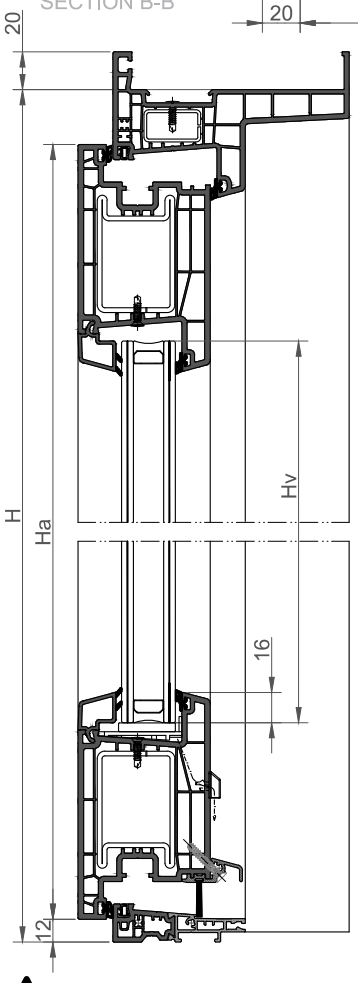
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA PRACTICABLE CON UMBRAL - MONOBLOC / 1 SASH SIDE HUNG DOOR WITH THRESHOLD - MONOBLOCK





Accesorios / Accessories		
	351323	x 8
	331310	x 7
	330430	x 7
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420512/15 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 2

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18412 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13231 (1)		x 2	L - 58
		x 2	H - 41
1399 (Acero/ Steel)		x 2	L - 246
		x 2	H - 229
1827		x 1	L - 129
16031 (2)		x 2	L - 258
		x 2	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

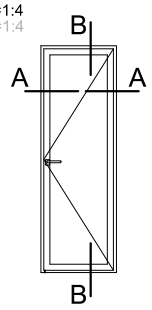
	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 266
			Hv = H - 249

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

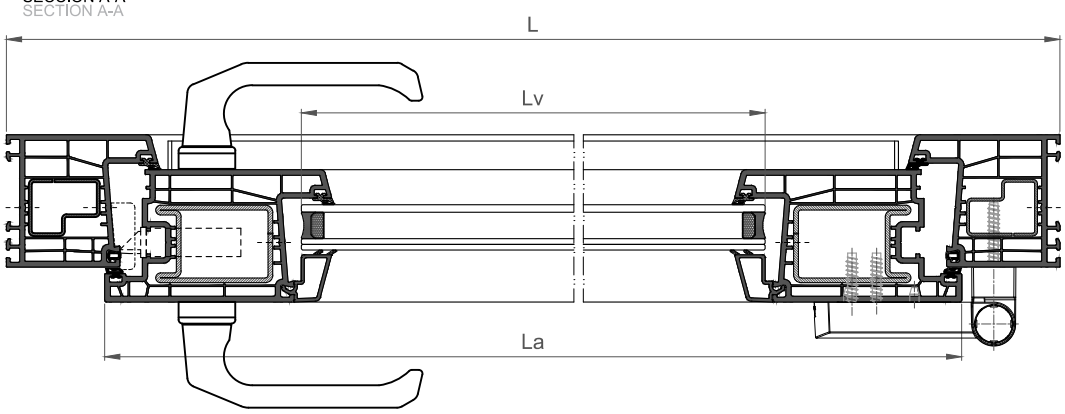
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA PRACTICABLE SIN UMBRAL / 1 SASH SIDE HUNG DOOR WITHOUT THRESHOLD

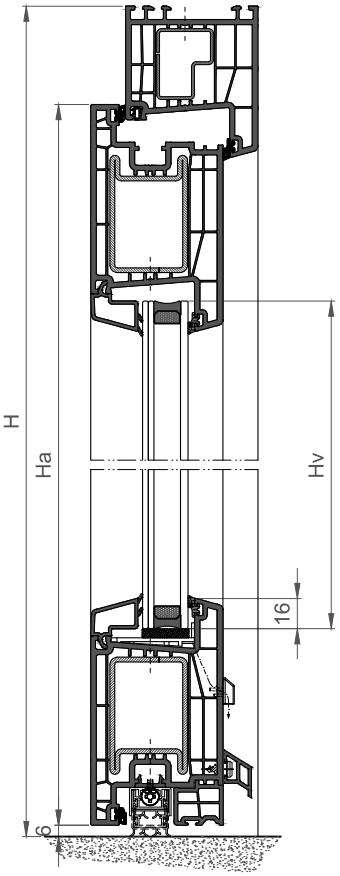
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 8
	361240/1/2 BL M C	x 1
	351370/1/2 BL M C	x 1
	331250	La/300
	331310	x 7
	330424	x 7
	350101/2 BL M	x 2

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 55
13231 (1)		x 2	L - 104
		x 2	H - 58
1399 (Acero / Steel)		x 2	L - 292
		x 2	H - 246
12151		x 1	L - 174
13101		x 1	L - 148
13161		x 1	L - 168
16041 (2)		x 2 x 2	L - 304 H - 258

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

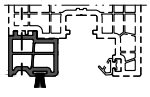
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1300	
	1900 < Ha < 2500	

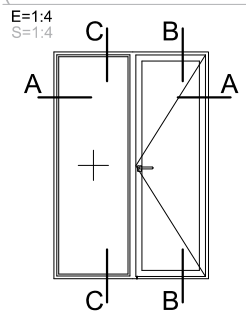
e = 24 mm.	x 1	Lv = L - 312	
		Hv = H - 266	

Juntas / Gaskets		
	331222/21	L + 2*H
	950100	L (*)

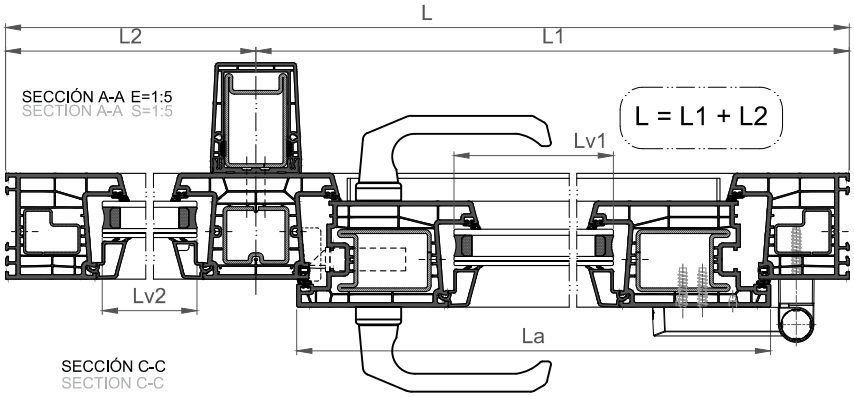
(*) Opcional reemplazando al sistema de cortavientos.
(*) Optional replacing the windbreak system.



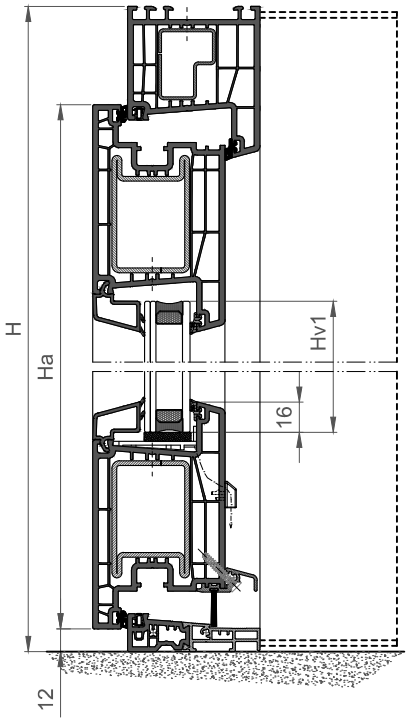
PUERTA 1 HOJA PRACTICABLE CON UMBRAL (fijo lateral y refuerzo) / 1 SASH SIDE HUNG DOOR WITH THRESHOLD (lateral fixed and reinforcement)

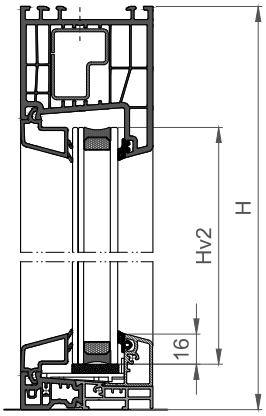


SECCIÓN B-B
SECTION B-B



SECCIÓN C-C
SECTION C-C





				mm
13331 (1)			x 1	L
			x 2	H - 25
			x 1	L2 - 89
1389 (Acero / Steel)			x 1	L - 110
			x 2	H - 110
1813 (3)			x 1	L - 7
1818		FIJO	x 1	L2 - 165
13521			x 1	H - 57
1298 (Acero / Steel)			x 1	H - 65
12181			x 1	H - 12
12191			x 1	H - 15
13231 (1)			x 2	L1 - 79
			x 2	H - 64
1399 (Acero / Steel)			x 2	L1 - 267
			x 2	H - 252
			x 1	H - 20
1827			x 1	L1 - 150
16041 (2)			x 2 x 2	L1 - 279 H - 264
			x 2 x 2	L2 - 95 H - 80

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1817 / Ref. in GREY. In BLACK colour: ref. 1817

Accesorios / Accessories		
	351323	x 8
	361350	x 1
	351350	x 2
	420542/45 ■ ■	x 1
	420252/55 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420181/3/4 BL M C	x 1
	420371/72 BL ■	x 1
	420391/92 BL ■	x 1
	420351/52 BL ■	x 1
	351240/1/2 BL M C	x 2
	331250	La/300
	331310	x 11
	330424	x 11
	350101/2 BL M	x 2 (*)

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Negro Black | Gris Grey | BL Blanco White | M Marrón Brown | C Caramelo Caramel

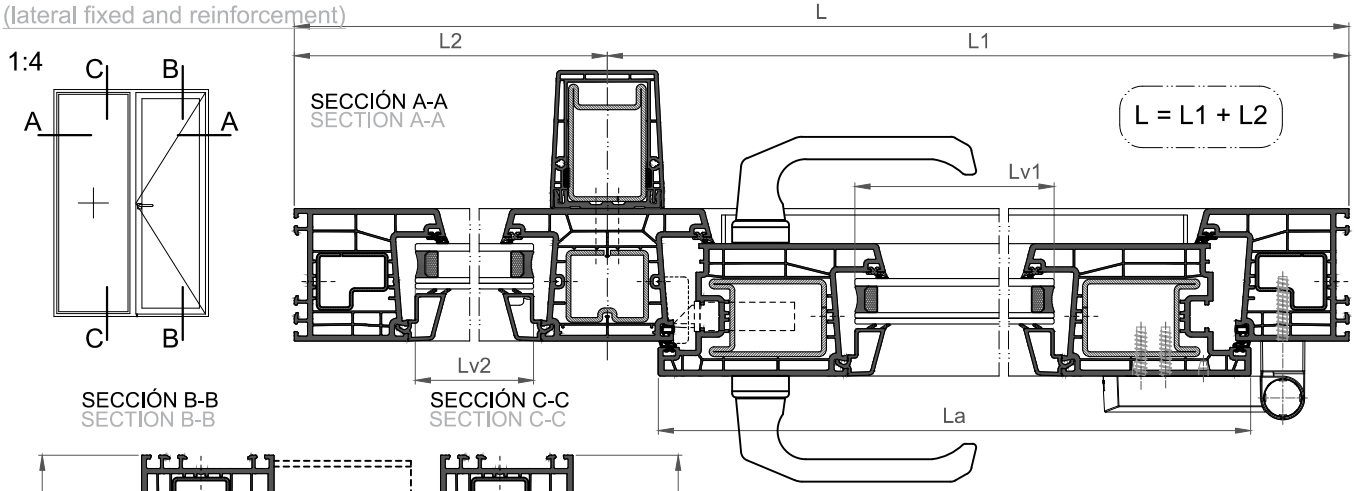
	160 kg.	700 < La < 1300 1900 < Ha < 2500				
	e = 24 mm.	x 1	Lv1 = L1 - 287 Hv1 = H - 272	x 1	Lv2 = L2 - 103 Hv2 = H - 88	

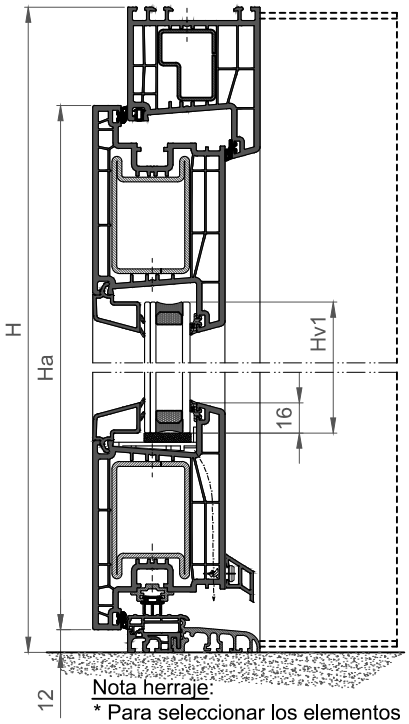
FIJO / FIXED

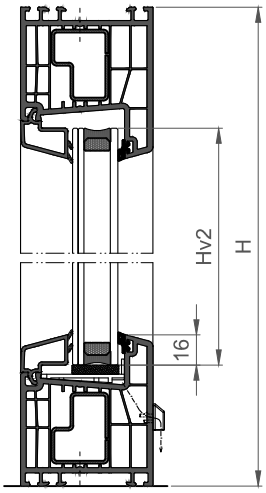
Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L2 > 1100 mm.; 3 uds.
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L2 > 1100 mm.; 3 uds.

Juntas / Gaskets		
	331222/21 ■ ■	2*L1 + 2*H
	421320/21 ■ ■	L1

PUERTA 1 HOJA PRACTICABLE CON UMBRAL (fijo lateral y refuerzo) / 1 SASH SIDE HUNG DOOR WITH THRESHOLD (lateral fixed and reinforcement)







Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
(*) Si L2 > 1100 mm.; 3 uds.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.
(*) If L2 > 1100 mm.; 3 uds.

(1)

NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Accesorios / Accessories		
	351323	x 8
	361350	x 1
	351350	x 2
	361240/1/2 BL M C	x 1
	371290/91	x 1
	351292/93	x 2
	351240/1/2 BL M C	x 2
	331250	La/300
	331310	x 11
	330424	x 11
	350101/2 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

160 kg.	700 < La < 1300	
	1900 < Ha < 2500	

FIJO

e = 24 mm.	x 1	Lv1 = L1 - 287	x 1	Lv2 = L2 - 103
		Hv1 = H - 272		Hv2 = H - 128

			mm
13331 (1)		x 1	L
		x 2	H
		x 1	L2 - 89
1389 (perfil Acero)		x 1	L - 105
		x 2	H - 55
		x 1	L2 - 101
1366		x 1	L1 - 151
13521		x 1	H - 57
1298 (perfil Acero)		x 1	H - 65
12181		x 1	H - 12
12191		x 1	H - 15
13231 (1)		x 2	L1 - 79
		x 2	H - 64
1399 (perfil Acero)		x 2	L1 - 267
		x 2	H - 252
		Refuerzo x 1	H - 20
12151		x 1	L1 - 150
COR-2849		x 1	L1 - 119
16041 (2)		x 2 x 2	L1 - 279 H - 264
		FIJO x 2 x 2	L2 - 95 H - 120

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

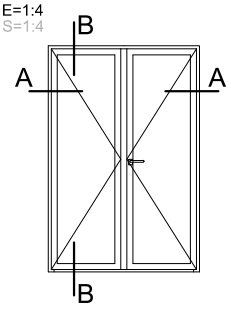
Juntas / Gaskets		
	331222/21	L1 + 2*H
	307600	L1 - 119

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

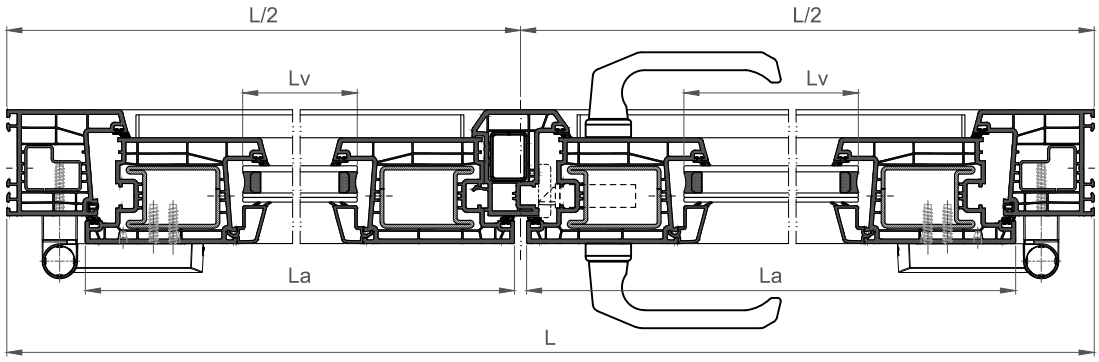
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS PRACTICABLES CON UMBRAL / 2 SASH SIDE HUNG DOOR WITH THRESHOLD

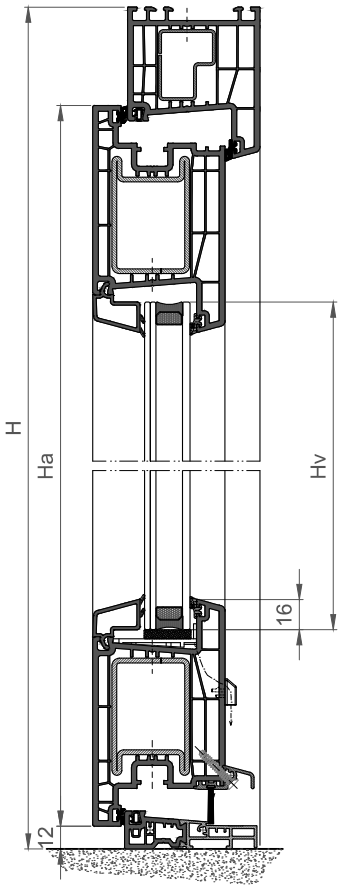
E=1:4
S=1:4



SECCIÓN A-A E=1:5
SECTION A-A S=1:5



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420542/45	x 1
	420602/05	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	420371/72 BL	x 1
	420391/92 BL	x 1
	331250	2*La/300
	331310	x 14
	330424	x 14
	350101/2 BL M	x 4

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H - 25
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 110
1813 (3)		x 1	L - 7
13231 (1)		x 4	L/2 - 56
		x 4	H - 64
1399 (Acero / Steel)		x 4	L/2 - 244
		x 4	H - 252
13401		x 1	H - 134
1396 (Acero / Steel)		x 1	H - 140
1827		ACT. x 1	L/2 - 127
		PAS. x 1	L/2 - 78.5
16041 (2)		x 4	L/2 - 256
		x 4	H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1817 / Ref. in GREY. In BLACK colour: ref. 1817

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	160 kg.	700 < La < 1200	
		1900 < Ha < 2500	

	e = 24 mm.	x 2	Lv = L/2 - 264
			Hv = H - 272

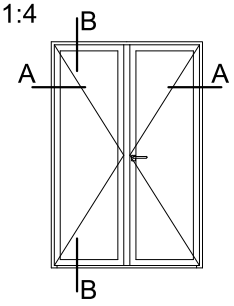
Juntas / Gaskets		
	331222/21	2*L + 2*H
	421320/21	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

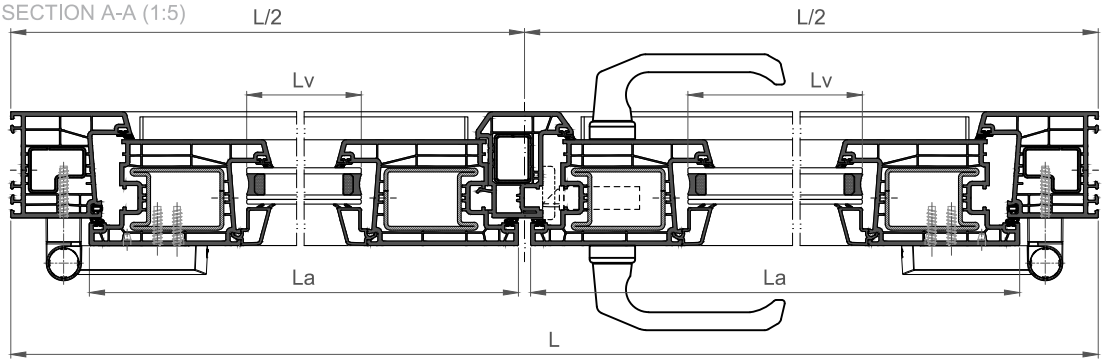
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS PRACTICABLES CON UMBRAL / 2 SASH SIDE HUNG DOOR WITH THRESHOLD

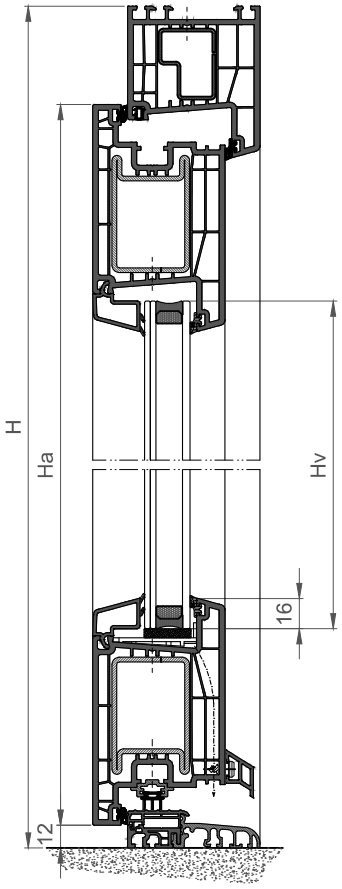
1:4



SECCIÓN A-A (1:5)
SECTION A-A (1:5)



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	371290/91	x 1
	351292/93	x 2
	331250	2*La/300
	331310	x 14
	330424	x 14

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (perfil Acero)		x 1	L - 105
		x 2	H - 55
1366		x 1	L - 176
13231 (1)		x 4	L/2 - 56
		x 4	H - 64
1399 (perfil Acero)		x 4	L/2 - 244
		x 4	H - 252
13401		x 1	H - 134
1396 (perfil Acero)		x 1	H - 140
12151		x 2	L/2 - 126
COR-2849		ACTIVA x 1 PASIVA x 1	L/2 - 96 L/2 - 72
16041 (2)		x 4	L/2 - 256
		x 4	H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	L + 2*H
	307600	L - 144

160 kg.	700 < La < 1200	
	1900 < Ha < 2500	

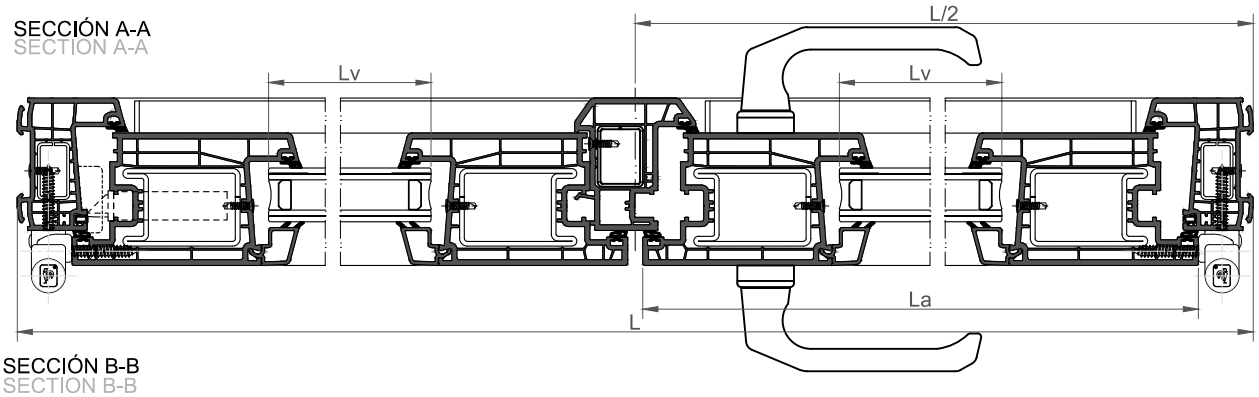
e = 24 mm.	x 2	Lv = L/2 - 264	
		Hv = H - 272	

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

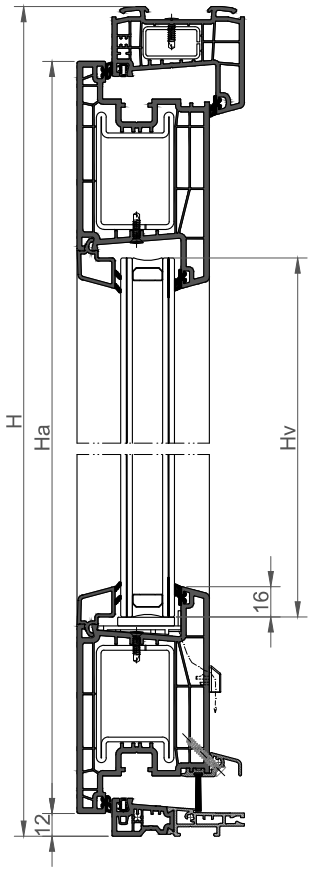
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS PRACTICABLES CON UMBRAL / 2 SASH SIDE HUNG DOOR WITH THRESHOLD

1:4 SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	331310	x 14
	330430	x 14
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

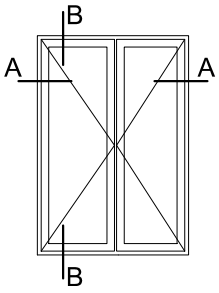
			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13231 (1)		x 4	L/2 - 33
		x 4	H - 41
1399 (Acero/ Steel)		x 4	L/2 - 221
		x 4	H - 229
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L/2 - 233
		x 4	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	120 kg.	La > 700; Ha < 2500 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 241
			Hv = H - 249



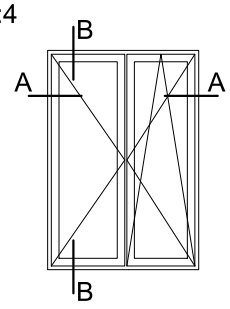
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

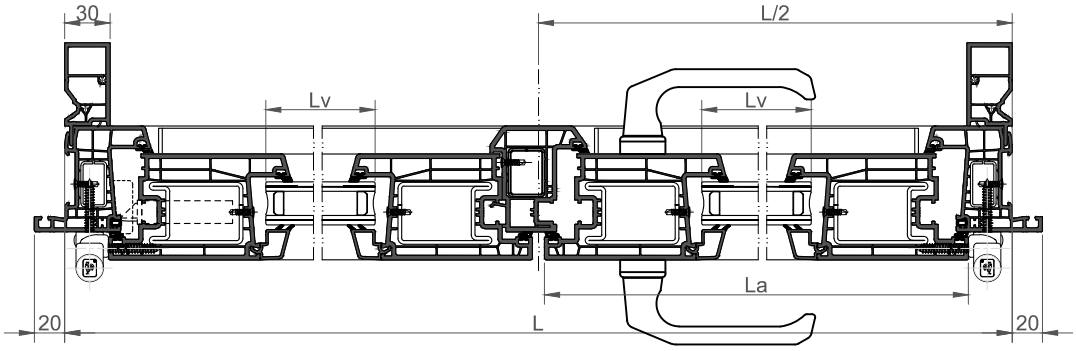
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS PRACTICABLES CON UMBRAL CON TAPÉE / 2 SASH SIDE HUNG DOOR WITH THRESHOLD WITH CAP

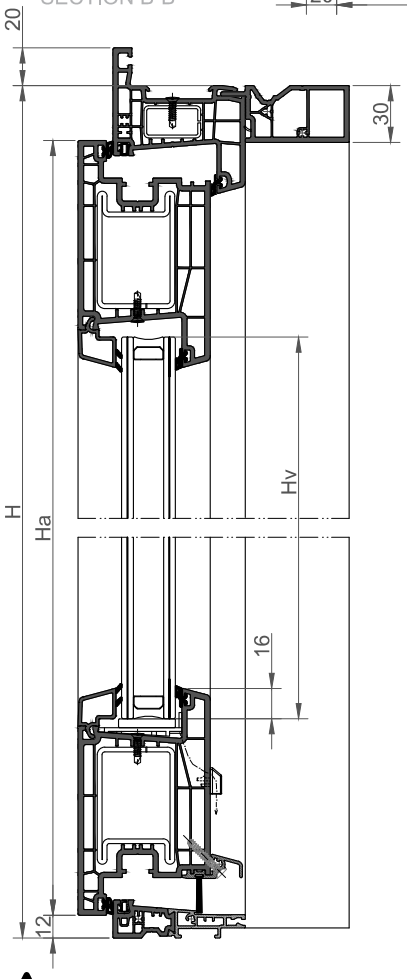
1:4



SECCIÓN A-A
SECTION A-A
E.1:5



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	331310	x 14
	330430	x 14
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420131/3/4 BL M C	x 1
	420522/25 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

			mm
18312 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
18721		x 1	L - 61
		x 2	H - 27
13231 (1)		x 4	L/2 - 33
		x 4	H - 41
1399 (Acero/ Steel)		x 4	L/2 - 221
		x 4	H - 229
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L/2 - 233
		x 4	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 241
			Hv = H - 249

Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

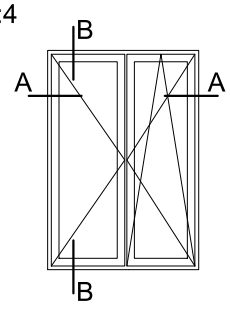
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

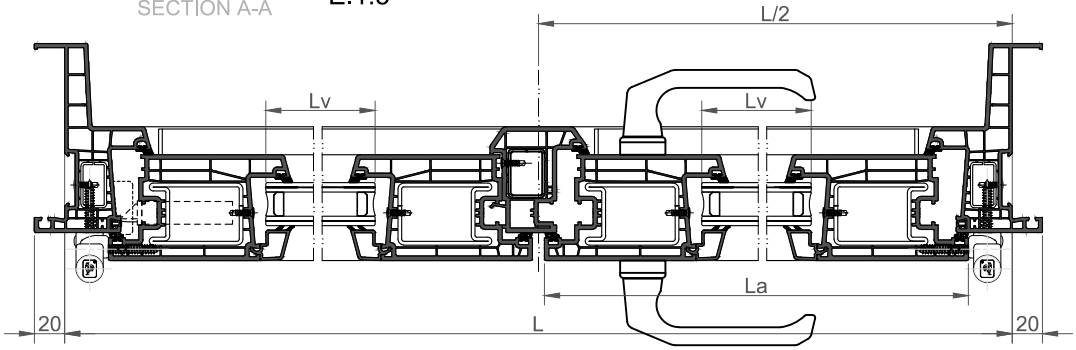
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS PRACTICABLES CON UMBRAL - MONOBLOC / 2 SASH SIDE HUNG DOOR WITH THRESHOLD - MONOBLOCK

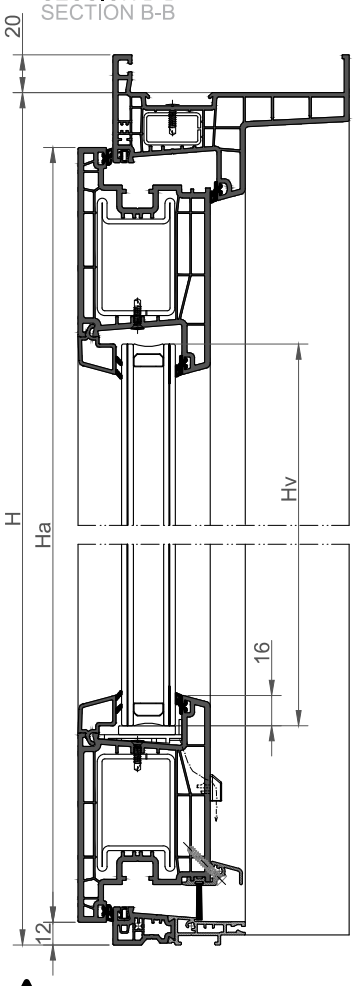
1:4



SECCIÓN A-A
SECTION A-A
E.1:5



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	331310	x 14
	330430	x 14
	420202/05 ■ ■	x 1
	420582/85 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420512/15 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420161/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1
	350101/02 BL M	x 4

■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel

			mm
18412 (1)		x 1	L + 40
		x 2	H - 5
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
13231 (1)		x 4	L/2 - 33
		x 4	H - 41
1399 (Acero/ Steel)		x 4	L/2 - 221
		x 4	H - 229
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L/2 - 233
		x 4	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha < 2400 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 241
			Hv = H - 249

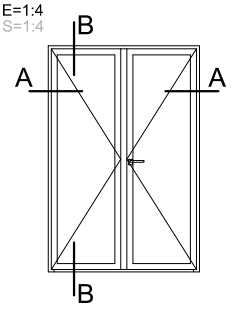
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421320/21 ■ ■	L

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

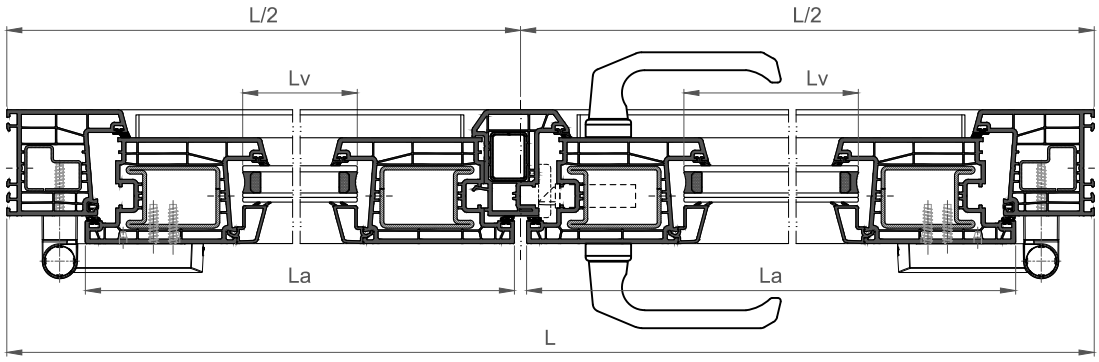
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

PUERTA 2 HOJAS PRACTICABLES SIN UMBRAL / 2 SASH SIDE HUNG DOOR WITHOUT THRESHOLD

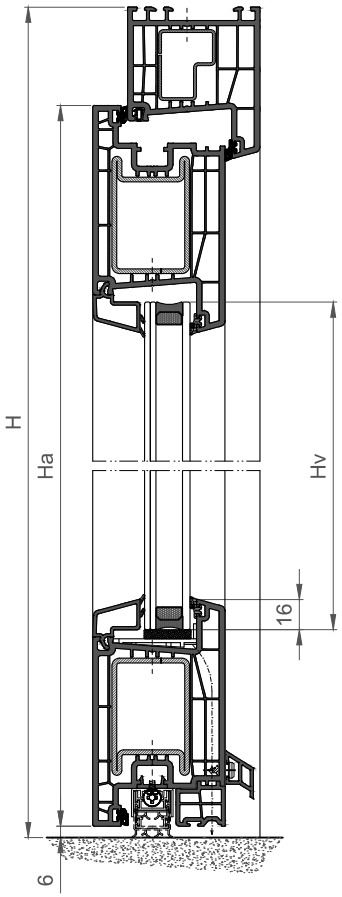
E=1:4
S=1:4



SECCIÓN A-A E=1:5
SECTION A-A S=1:5



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	351370/1/2 BL M C	x 2
	331250	2*La/300
	331310	x 14
	330424	x 14

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 55
13231 (1)		x 4	L/2 - 56
		x 4	H - 58
1399 (Acero / Steel)		x 4	L/2 - 244
		x 4	H - 246
13401		x 1	H - 93
1396 (Acero / Steel)		x 1	H - 99
12151		x 2	L/2 - 126
13101		ACT. x 1 PAS. x 1	L/2 - 100 L/2 - 100
13161		ACT. x 1 PAS. x 1	L/2 - 120 L/2 - 144
16041 (2)		x 4	L/2 - 256
		x 4	H - 258

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

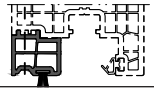
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1200	
	1900 < Ha < 2500	

e = 24 mm.	x 2	Lv = L/2 - 264	
		Hv = H - 266	

Juntas / Gaskets		
	331222/21	L + 2*H
	950100	L (*)

(*) Opcional reemplazando al sistema de cortavientos.
(*) Optional replacing the windbreak system.

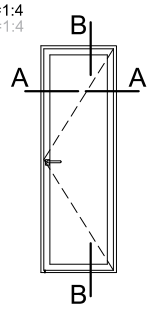


SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

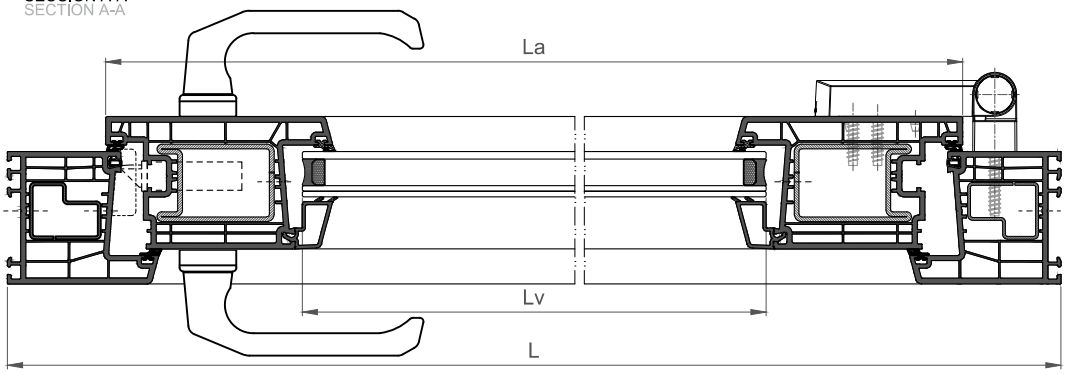
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA APERTURA EXTERIOR CON UMBRAL / 1 SASH DOOR OUTWARDS OPENING WITH THRESHOLD

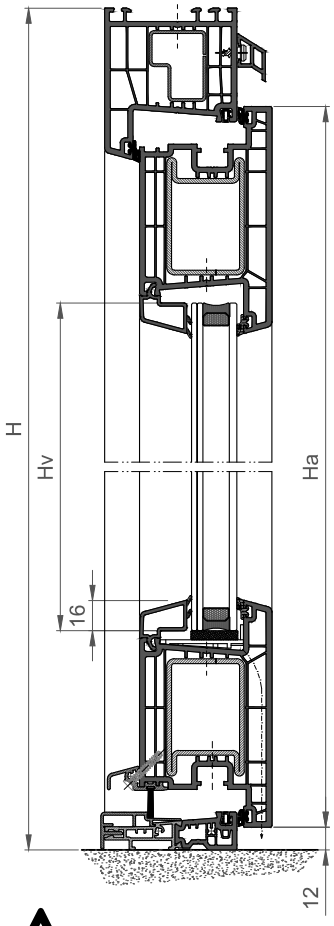
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 8
	420542/45 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420552/55 ■ ■	x 1
	420151/3/4 BL M C	x 1
	331250	L/300
	331310	x 7
	330424	x 7

■ Negro / Black ■ Gris / Grey BL Blanco / White M Marrón / Brown C Caramelo / Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H -25
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 110
1810 (3)		x 1	L - 7
1814		x 1	L - 166
13271 (1)		x 2	L - 104
		x 2	H - 64
1399 (Acero / Steel)		x 2	L - 292
		x 2	H - 252
1827		x 1	L - 175
16041 (2)		x 2 x 2	L - 304 H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1300	
	1900 < Ha < 2500	

e = 24 mm.	x 1	Lv = L - 312	
		Hv = H - 272	

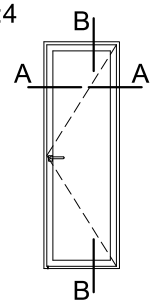
Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421322/23 ■ ■	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

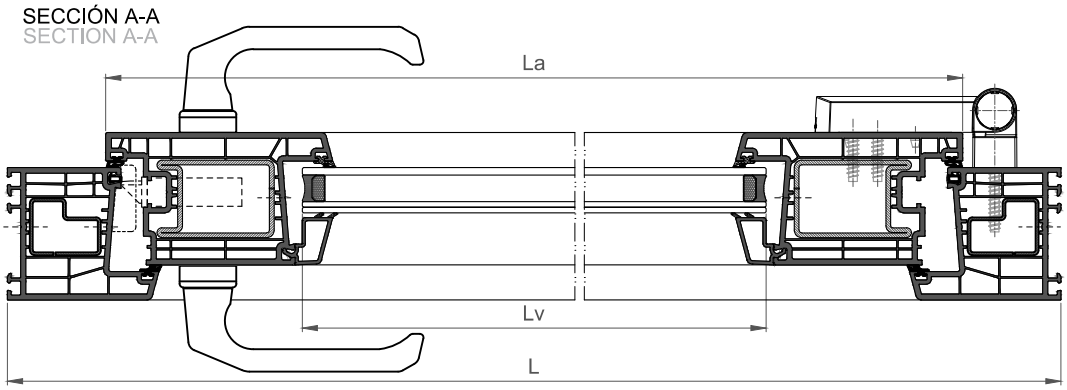
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA APERTURA EXTERIOR CON UMBRAL / 1 SASH DOOR OUTWARDS OPENING WITH THRESHOLD

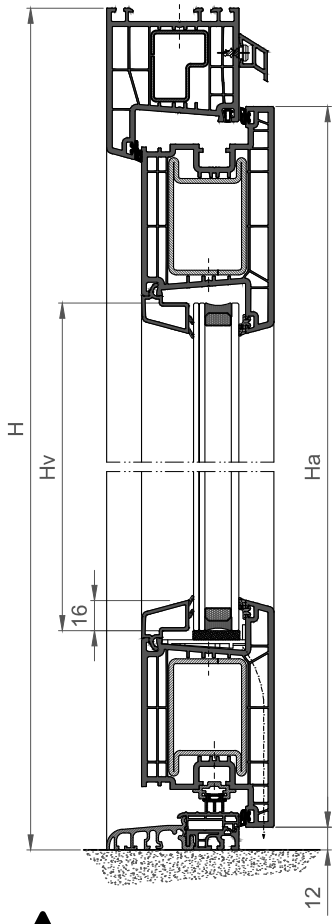
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 8
	361240/1/2 BL M C	x 1
	371290/91	x 1
	351292/93	x 2
	331250	L/300
	331310	x 7
	330424	x 7

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (perfil Acero)		x 1	L - 105
		x 2	H - 55
1366		x 1	L - 176
13271 (1)		x 2	L - 104
		x 2	H - 64
1399 (perfil Acero)		x 2	L - 292
		x 2	H - 252
12151		x 1	L - 20
COR-2849		x 1	L - 144
16041	(2)	x 2 x 2	L - 304 H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

Juntas / Gaskets		
	331222/21	L + 2*H
	307600	L - 144

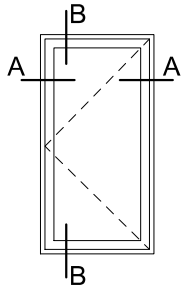
	160 kg.	700 < La < 1300	
		1900 < Ha < 2500	
	e = 24 mm.	x 1	Lv = L - 312
			Hv = H - 272

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

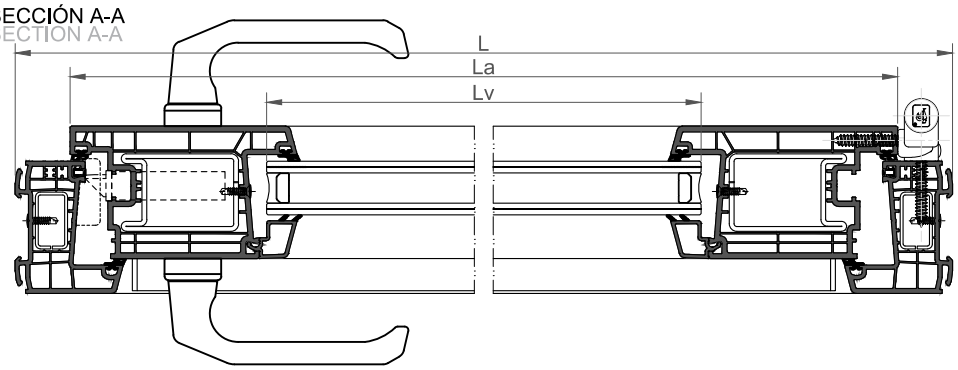
PUERTA 1 HOJA APERTURA EXTERIOR CON UMBRAL / 1 SASH DOOR OUTWARDS OPENING WITH THRESHOLD

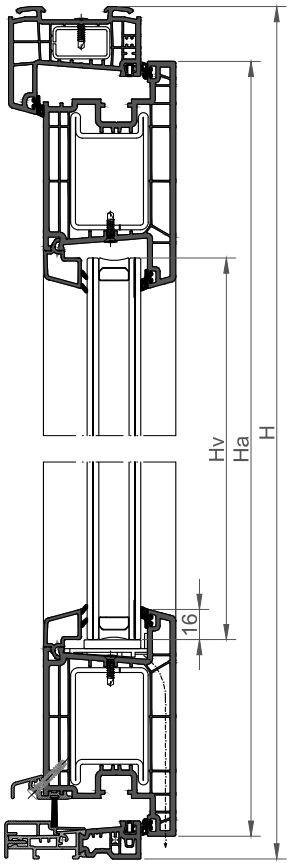
1:4



SECCIÓN B-B
SECTION B-B

SECCIÓN A-A
SECTION A-A





Accesorios / Accessories		
	351323	x 8
	331310	x 7
	330430	x 7
	420202/05	x 1
	420602/05	x 1
	420610	x 2
	420232/35	x 1
	420151/3/4 BL M C	x 1
	420321/22 BL	x 1
	420391/92 BL	x 1

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
1814		x 1	L - 120
13271 (1)		x 2	L - 58
		x 2	H - 41
1399 (Acero/ Steel)		x 2	L - 246
		x 2	H - 229
1827		x 1	L - 129
16031 (2)		x 2	L - 258
		x 2	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	120 kg.	La > 700; Ha < 2500 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 266
			Hv = H - 249

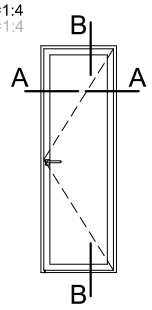
Juntas / Gaskets		
	331222/21	2*L + 2*H
	421322/23	L

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

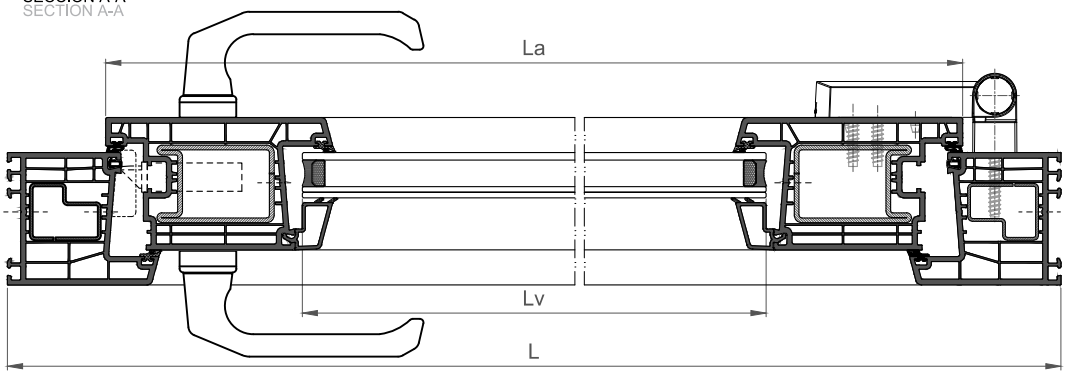
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 1 HOJA APERTURA EXTERIOR SIN UMBRAL / 1 SASH DOOR OUTWARDS OPENING WITHOUT THRESHOLD

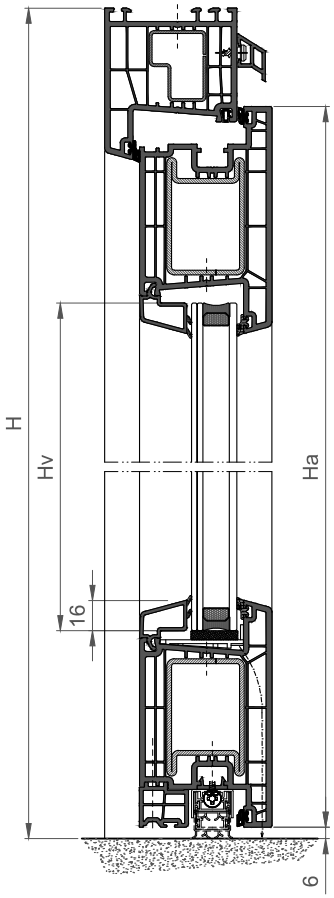
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 8
	361240/1/2 BL M C	x 1
	351370/1/2 BL M C	x 1
	331250	L/300
	331310	x 7
	330424	x 7

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 55
13271 (1)		x 2	L - 104
		x 2	H - 58
1399 (Acero / Steel)		x 2	L - 292
		x 2	H - 246
12151		x 1	L - 20
13101		x 1	L - 148
13161		x 1	L - 168
16041 (2)		x 2 x 2	L - 304 H - 258

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

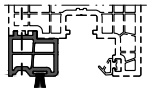
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1300	
	1900 < Ha < 2500	

e = 24 mm.	x 1	Lv = L - 312	
		Hv = H - 266	

Juntas / Gaskets		
	331222/21	L + 2*H
	950100	L (*)

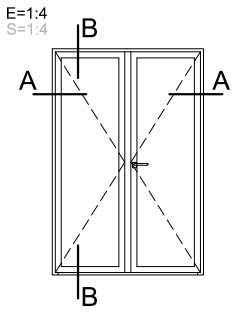
(*) Opcional reemplazando al sistema de cortavientos.
(*) Optional replacing the windbreak system.

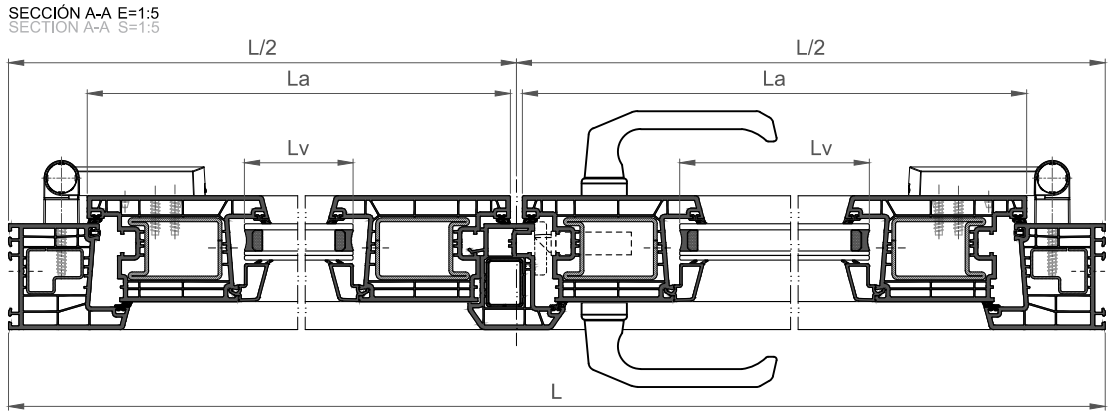


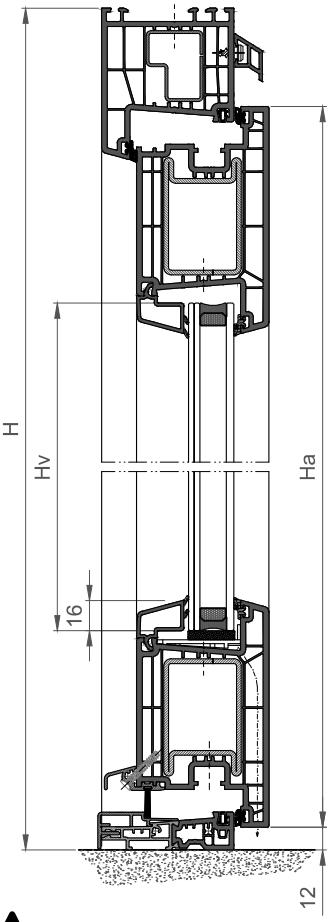
SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS APERTURA EXTERIOR CON UMBRAL / 2 SASH DOOR OUTWARDS OPENING WITH THRESHOLD







Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420542/45	x 1
	420602/05	x 1
	420610	x 2
	420552/55	x 1
	420151/3/4 BL M C	x 1
	420171/3/4 BL M C	x 1
	420371/72 BL	x 1
	420391/92 BL	x 1
	331250	L/300
	331310	x 14
	330424	x 14

Negro Black · Gris Grey · Blanco White · Marrón Brown · Caramelo Caramel

			mm
13331 (1)		x 1	L
		x 2	H - 25
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 110
1810 (3)		x 1	L - 7
1814		x 1	L - 166
13271 (1)		x 4	L/2 - 56
		x 4	H - 64
1399 (Acero / Steel)		x 4	L/2 - 244
		x 4	H - 252
13401		x 1	H - 134
1396 (Acero / Steel)		x 1	H - 140
1827		ACT. x 1	L/2 - 127
		PAS. x 1	L/2 - 78.5
16041 (2)		x 4	L/2 - 256
		x 4	H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1200	
	1900 < Ha < 2500	

e = 24 mm.	x 2	Lv = L/2 - 264	
		Hv = H - 272	

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

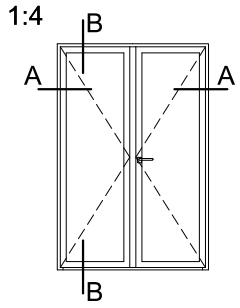
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

Juntas / Gaskets		
	331222/21	2*L + 2*H
	421322/23	L

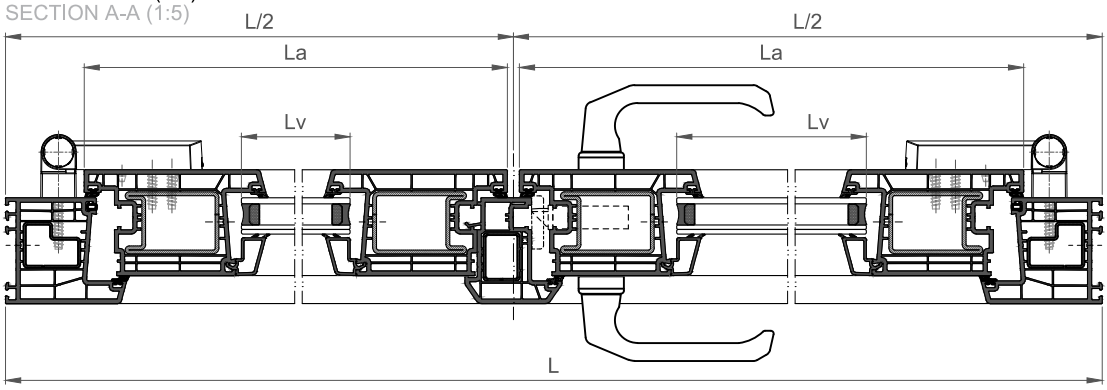
SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

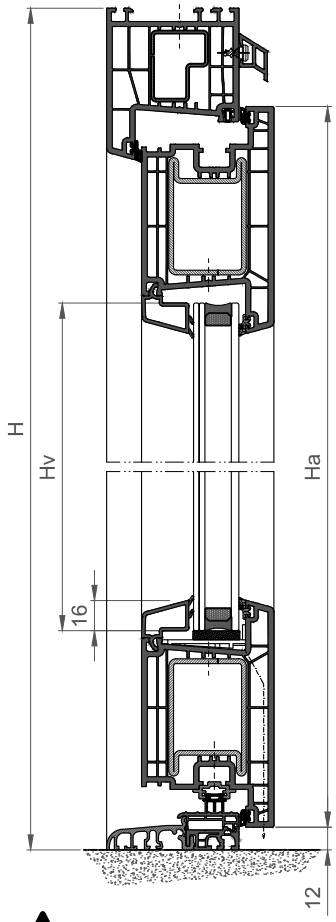
PUERTA 2 HOJAS APERTURA EXTERIOR CON UMBRAL / 2 SASH DOOR OUTWARDS OPENING WITH THRESHOLD



SECCIÓN A-A (1:5)
SECTION A-A (1:5)



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	371290/91	x 1
	351292/93	x 2
	331250	L/300
	331310	x 14
	330424	x 14

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (perfil Acero)		x 1	L - 105
		x 2	H - 55
1366		x 1	L - 176
13271 (1)		x 4	L/2 - 56
		x 4	H - 64
1399 (perfil Acero)		x 4	L/2 - 244
		x 4	H - 252
13401		x 1	H - 134
1396 (perfil Acero)		x 1	H - 140
12151		x 1	L - 20
COR-2849		ACTIVA x 1 PASIVA x 1	L/2 - 96 L/2 - 72
16041 (2)		x 4	L/2 - 256
		x 4	H - 264

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1200	
	1900 < Ha < 2500	

e = 24 mm.	x 2	Lv = L/2 - 264	
		Hv = H - 272	

Juntas / Gaskets		
	331222/21	L + 2*H
	307600	L - 144

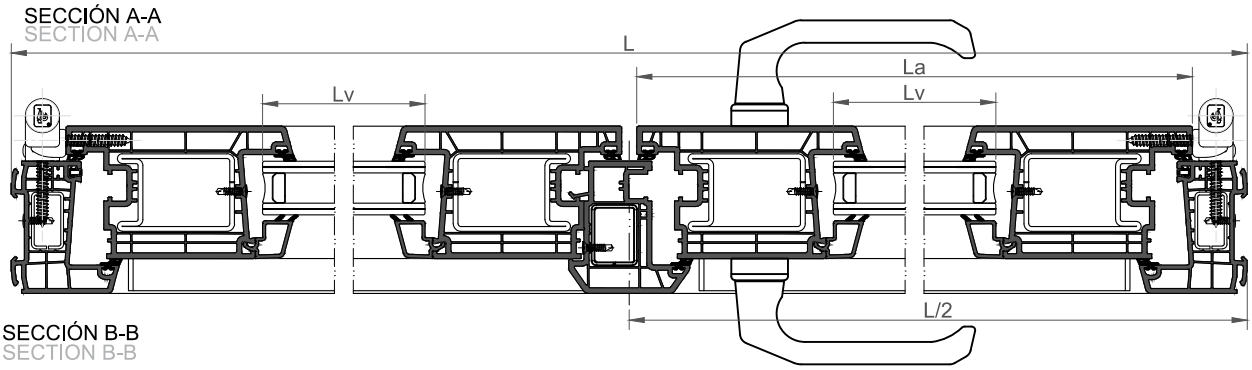
SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

PVC SYSTEM A 70 HINGED
Cutting piece sections

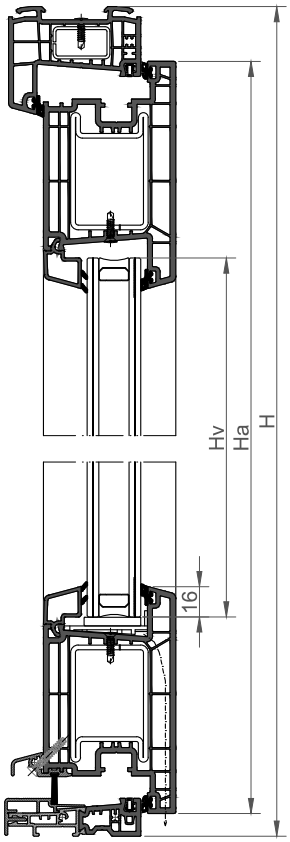
PUERTA 2 HOJAS APERTURA EXTERIOR CON UMBRAL / 2 SASH DOOR OUTWARDS OPENING WITH THRESHOLD

1:4

SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	331310	x 14
	330430	x 14
	420202/05 ■ ■	x 1
	420602/05 ■ ■	x 1
	420610	x 2
	420232/35 ■ ■	x 1
	420151/3/4 BL M C	x 1
	420171/3/4 BL M C	x 1
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	420321/22 BL ■	x 1
	420391/92 BL ■	x 1

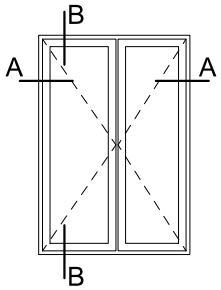
Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

			mm
18302 (1)		x 1	L
		x 2	H - 25
1890 (Acero/ Steel)		x 1	L - 70
		x 2	H - 86
1810 (3)		x 1	L - 7
1814		x 1	L - 120
13271 (1)		x 4	L/2 - 33
		x 4	H - 41
1399 (Acero/ Steel)		x 4	L/2 - 221
		x 4	H - 229
13401		x 1	H - 111
1396 (Acero/ Steel)		x 1	H - 117
1827		ACT. x 1	L/2 - 104
		PAS. x 1	L/2 - 55.5
16031 (2)		x 4	L/2 - 233
		x 4	H - 241

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.) / The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).
(3) Ref. en GRIS. En color NEGRO: ref.1816 / Ref. in GREY. In BLACK colour: ref. 1816

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	120 kg.	La > 700; Ha < 2500 (ver tablas de aplicación/ see application tables)	
	28 mm	x 2	Lv = L/2 - 241
			Hv = H - 249



Juntas / Gaskets		
	331222/21 ■ ■	2*L + 2*H
	421322/23 ■ ■	L

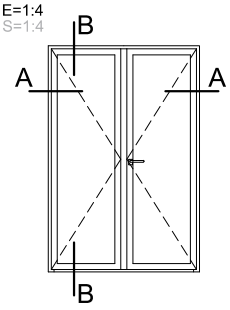
Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.
Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

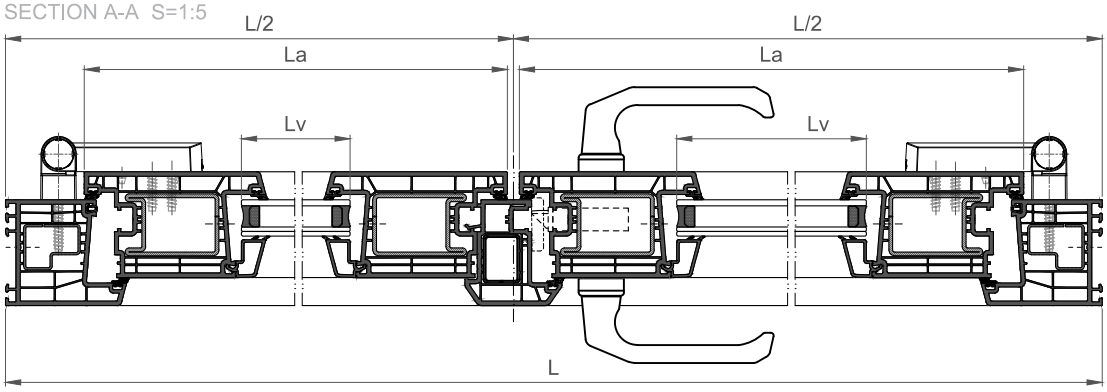
PVC SYSTEM A 70 HINGED
Cutting piece sections

PUERTA 2 HOJAS APERTURA EXTERIOR SIN UMBRAL / 2 SASH DOOR OUTWARDS OPENING WITHOUT THRESHOLD

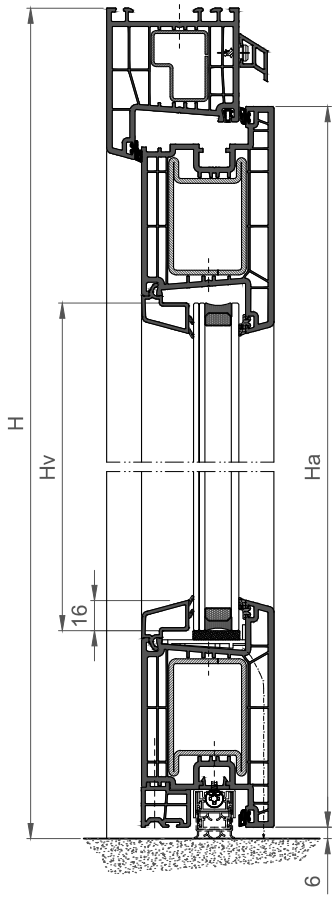
E=1:4
S=1:4



SECCIÓN A-A E=1:5
SECTION A-A S=1:5



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	351323	x 16
	351340/1/2 BL M C	x 1
	351344/5/6 BL M C	x 1
	361240/1/2 BL M C	x 2
	351370/1/2 BL M C	x 2
	331250	2*La/300
	331310	x 14
	330424	x 14

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

Nota herraje:
* Para seleccionar los elementos propios del herraje,consultar catálogo Herraje PVC.

Hardware note:
* To select the elements of the hardware, consult the PVC hardware catalog.

			mm
13331 (1)		x 1	L
		x 2	H
1389 (Acero / Steel)		x 1	L - 110
		x 2	H - 55
13271 (1)		x 4	L/2 - 56
		x 4	H - 58
1399 (Acero / Steel)		x 4	L/2 - 244
		x 4	H - 246
13401		x 1	H - 93
1396 (Acero / Steel)		x 1	H - 99
12151		x 1	L - 20
13101		ACT. x 1 PAS. x 1	L/2 - 100 L/2 - 100
13161		ACT. x 1 PAS. x 1	L/2 - 120 L/2 - 144
16041 (2)		x 4	L/2 - 256
		x 4	H - 258

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

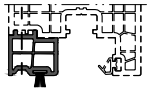
IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

160 kg.	700 < La < 1200	
	1900 < Ha < 2500	

e = 24 mm.	x 2	Lv = L/2 - 264	
		Hv = H - 266	

Juntas / Gaskets		
	331222/21	L + 2*H
	950100	L (*)

(*) Opcional reemplazando al sistema de cortavientos.
(*) Optional replacing the windbreak system.

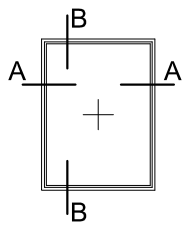


SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

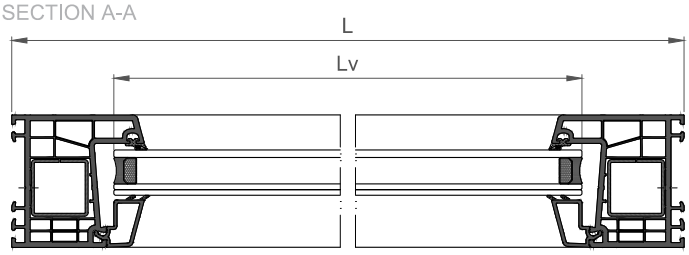
PVC SYSTEM A 70 HINGED
Cutting piece sections

FIJO / FIXED

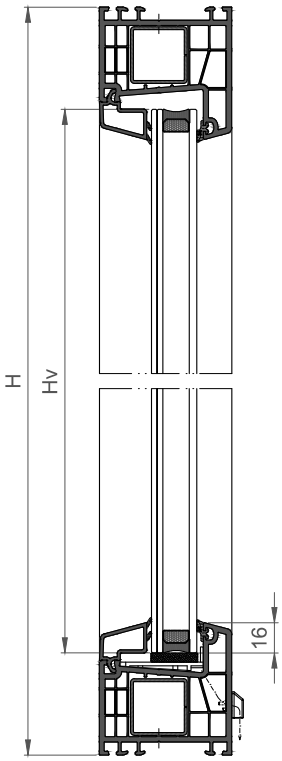
E=1:4
S=1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 4
	330424	x 4
	350101/2 BL M	x 2 (*)

Negro Black · Gris Grey · Blanco White (BL) · Marrón Brown (M) · Caramelo Caramel (C)

(*) Si L > 1100 mm.; 3 uds.
(*) If L > 1100 mm.; 3 units.

				mm
13301 (1)			x 2	L
			x 2	H
1390 (Acero / Steel)			x 2	L - 90
			x 2	H - 90
16041 (2)			x 2	L - 100
			x 2	H - 100

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

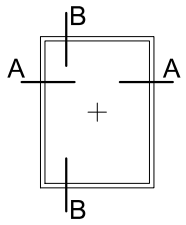
	e = 24 mm.	x 1	Lv = L - 108
			Hv = H - 108

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

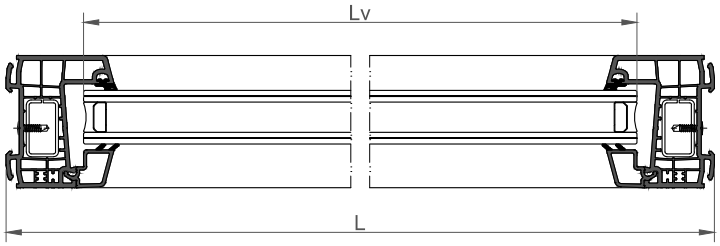
PVC SYSTEM A 70 HINGED
Cutting piece sections

FIJO / FIXED

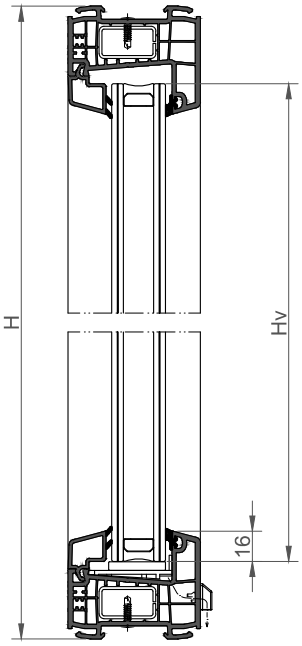
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 4
	330430	x 4
	350101/02 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

(*) Si L > 1100 mm.; 3 uds.

				mm
18302 (1)			x 2	L
			x 2	H
1890 (Acero/ Steel)			x 2	L - 70
			x 2	H - 70
16031 (2)			x 2	L - 74
			x 2	H - 74

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

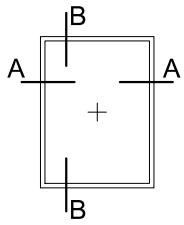
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 82
			Hv = H - 82

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

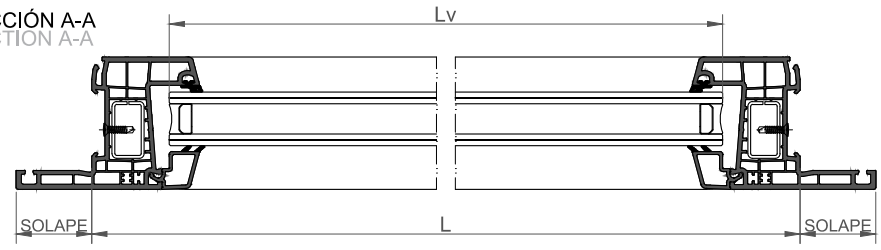
PVC SYSTEM A 70 HINGED
Cutting piece sections

FIJO - RENOVACIÓN/ FIXED - RENOVATION

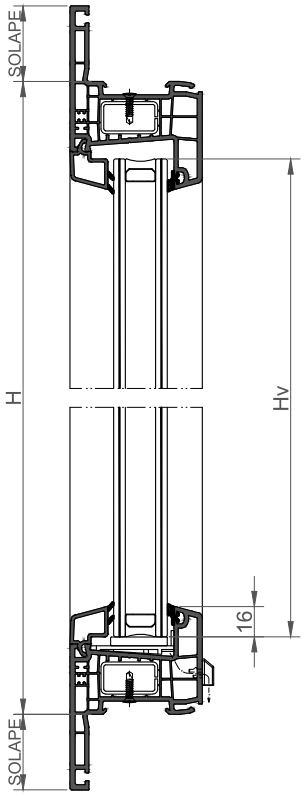
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 4
	330430	x 4
	350101/02 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

(*) Si L > 1100 mm.; 3 uds.

				mm
18322 (1)			x 2	L + 2*solape
			x 2	H + 2*solape
1890 (Acero/ Steel)			x 2	L - 70
			x 2	H - 70
16031 (2)			x 2	L - 74
			x 2	H - 74

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

18322		solape = 40
18332		solape = 65

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

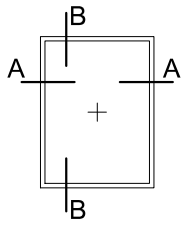
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 82
			Hv = H - 82

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

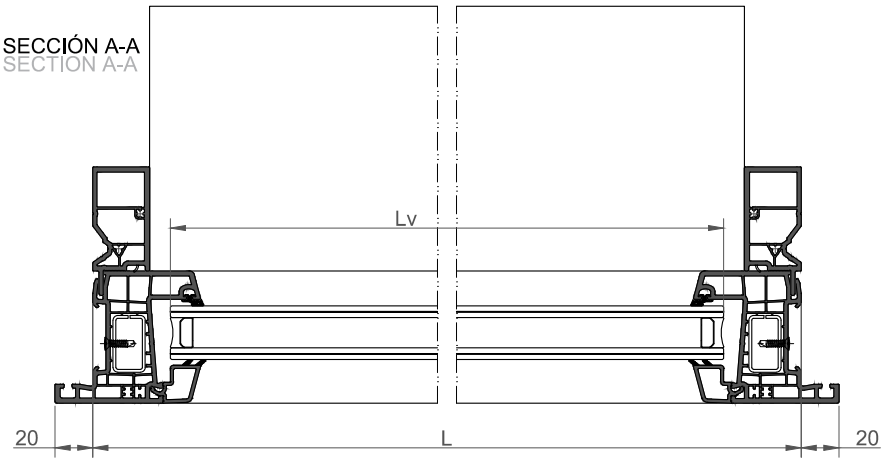
PVC SYSTEM A 70 HINGED
Cutting piece sections

FIJO CON TAPÉE / FIXED WITH CAP

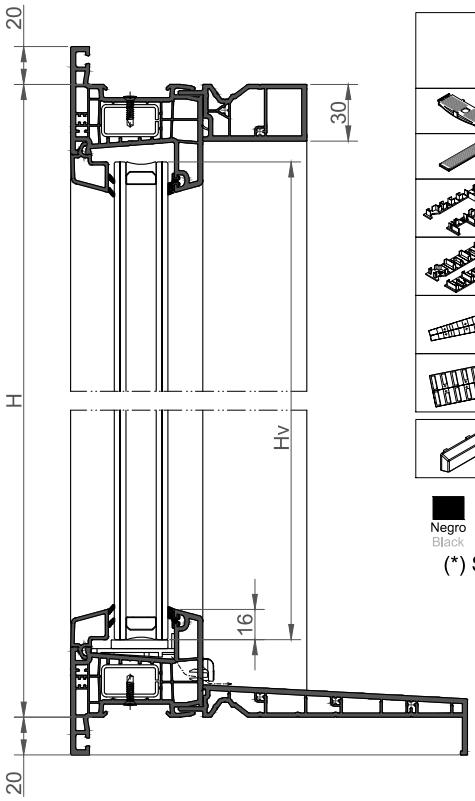
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 4
	330430	x 4
	420111/3/4 BL M C	x 1
	420131/3/4 BL M C	x 2
	420301/02 BL ■	x 1
	420311/12 BL ■	x 1
	420101/02 BL M	x 2 (*)

Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel

(*) Si L > 1100 mm.; 3 uds.

			mm
18312 (1)		x 2	L + 40
		x 2	H + 40
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
18721		x 1	L - 61
		x 2	H - 4
18611		x 1	L - 61
16031 (2)		x 2	L - 74
		x 2	H - 74

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

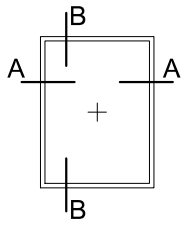
	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 82
			Hv = H - 82

SISTEMA PVC A 70 ABISAGRADA
Secciones de despiece

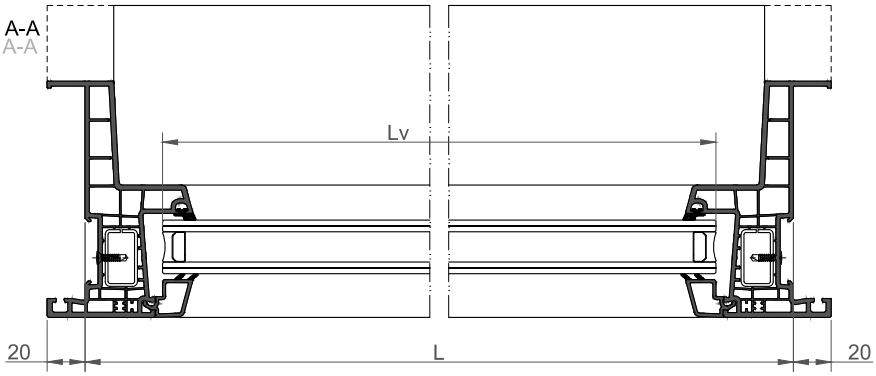
PVC SYSTEM A 70 HINGED
Cutting piece sections

FIJO - MONOBLOC / FIXED - MONOBLOCK

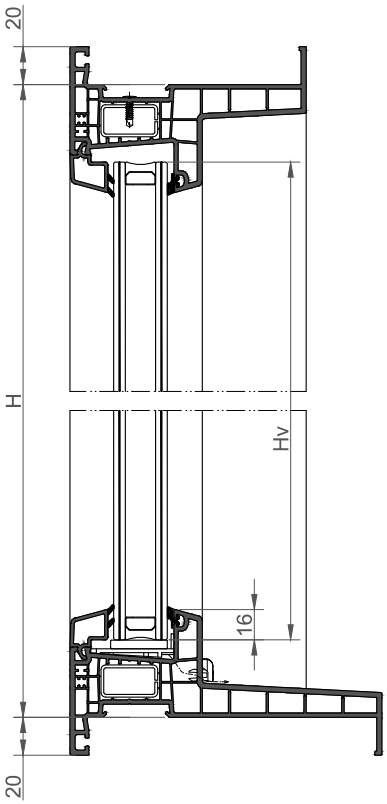
1:4



SECCIÓN A-A
SECTION A-A



SECCIÓN B-B
SECTION B-B



Accesorios / Accessories		
	331310	x 4
	330430	x 4
	420121/3/4 BL M C	x 1
	420101/02 BL M	x 2 (*)

Negro Black | Gris Grey | BL Blanco White | M Marrón Brown | C Caramelo Caramel

(*) Si L > 1100 mm.; 3 uds.

			mm
18432 (1)		x 1	L + 40
18412 (1)		x 1	L + 40
		x 2	H + 40
1890 (Acero/ Steel)		x 2	L - 70
		x 2	H - 70
16031 (2)		x 2	L - 74
		x 2	H - 74

(2) La medida de corte indicada no considera los despuntes de la patilla de enganche (+13,4 mm.)/ The indicated cut measurement does not consider the protusion of the hook pin (+13,4 mm.).

(1)
NOTA IMPORTANTE:
MEDIDAS DE CORTE INDICADAS SIN TENER EN CUENTA LA SOLDADURA.

IMPORTANT NOTE:
CUTTING MEASUREMENTS INDICATED WITHOUT TAKING INTO ACCOUNT WELDING

	130 kg.	La > 360; Ha > 360 (ver tablas de aplicación/ see application tables)	
	28 mm	x 1	Lv = L - 82
			Hv = H - 82

A 70 ABISAGRADA
A 70 HINGED

8. DETALLES DE FABRICACIÓN
8. FABRICATION DETAILS

IMPORTANTE

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IMPORTANT

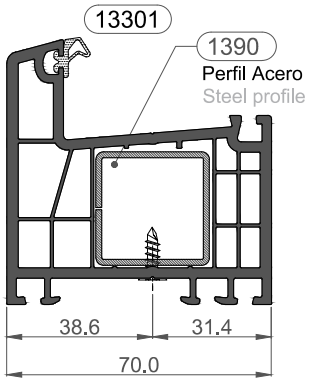
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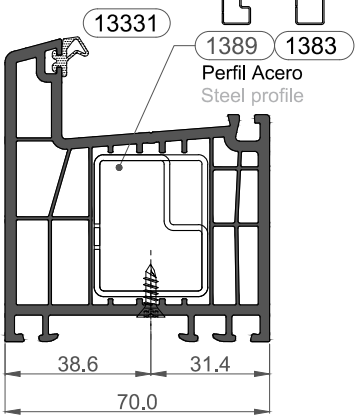
ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

Marco ventana
Frame window

1:2

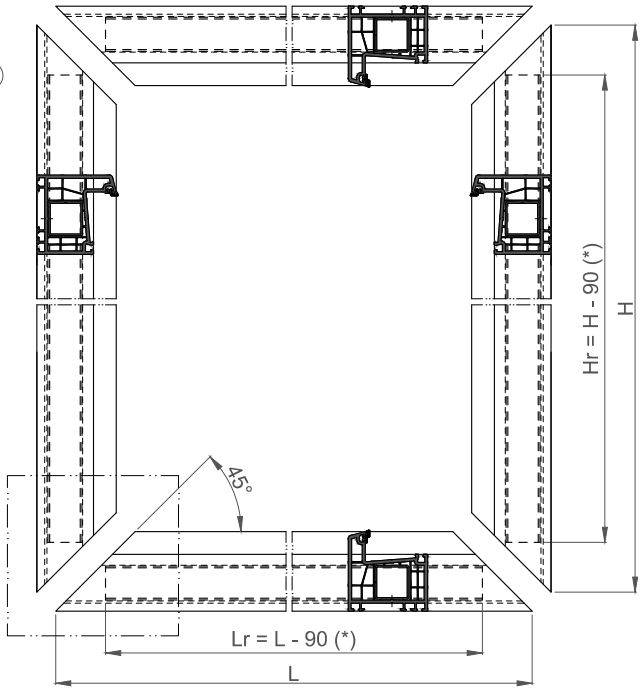


Marco puerta
Door frame



Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)

Calidad Acero / Steel quality (según/according to EN10327; EN10326): DX51D +Z



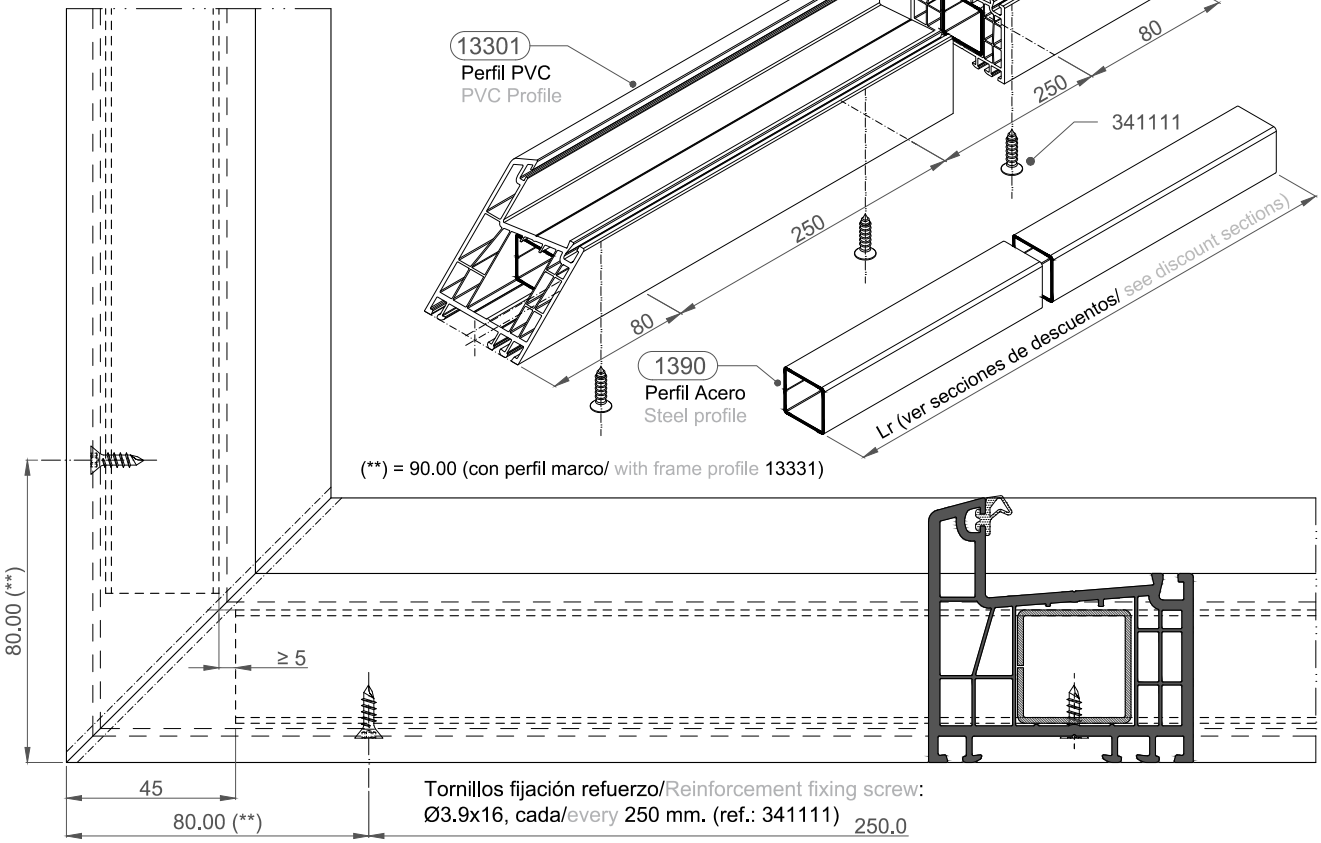
(*) Lr = L - 110 (con perfil marco/ with frame profile 13331)
Hr = H - 110

Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).

NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).



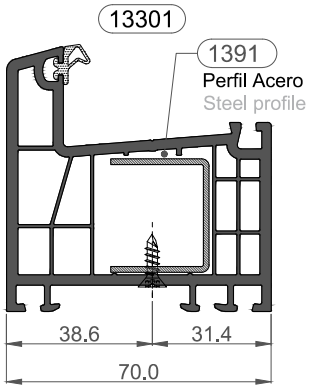
(**) = 90.00 (con perfil marco/ with frame profile 13331)

Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x16, cada/every 250 mm. (ref.: 341111)

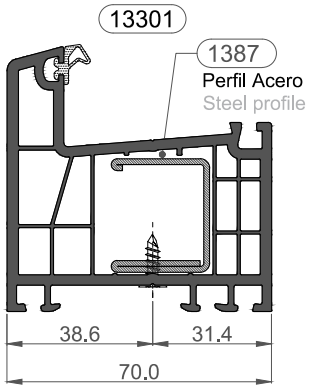
Marco con refuerzo para hoja de ventana - Reinforced frame for window sash

Marco ventana
Frame window

1:2

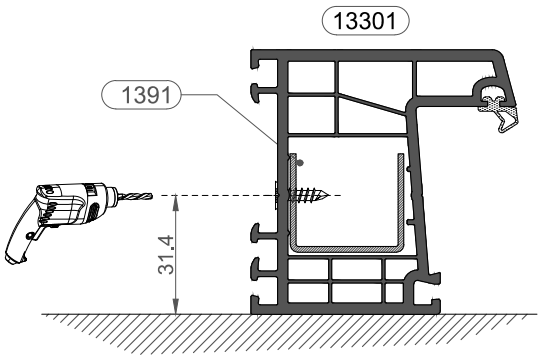


Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)



Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)

· Cara de apoyo del perfil para fijación y atornillado del refuerzo de acero.
· Support face of the profile for fixing and screwing the steel reinforcement.

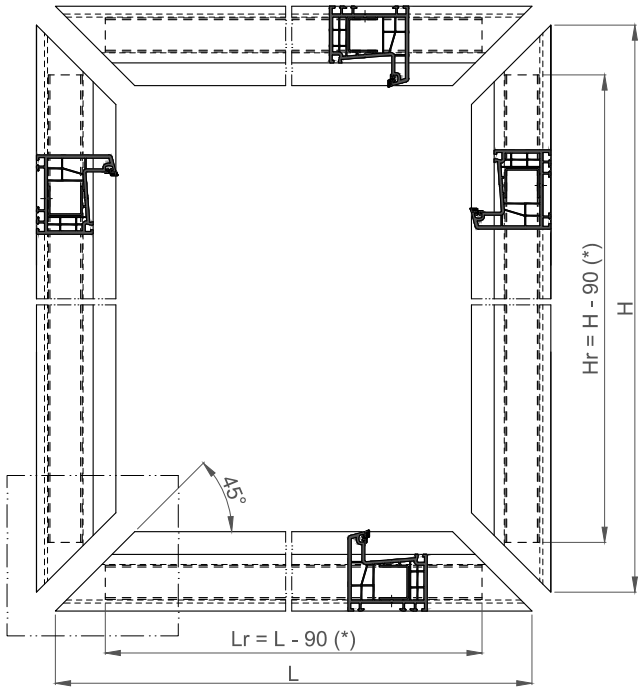


Procedimiento:

- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:

- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).

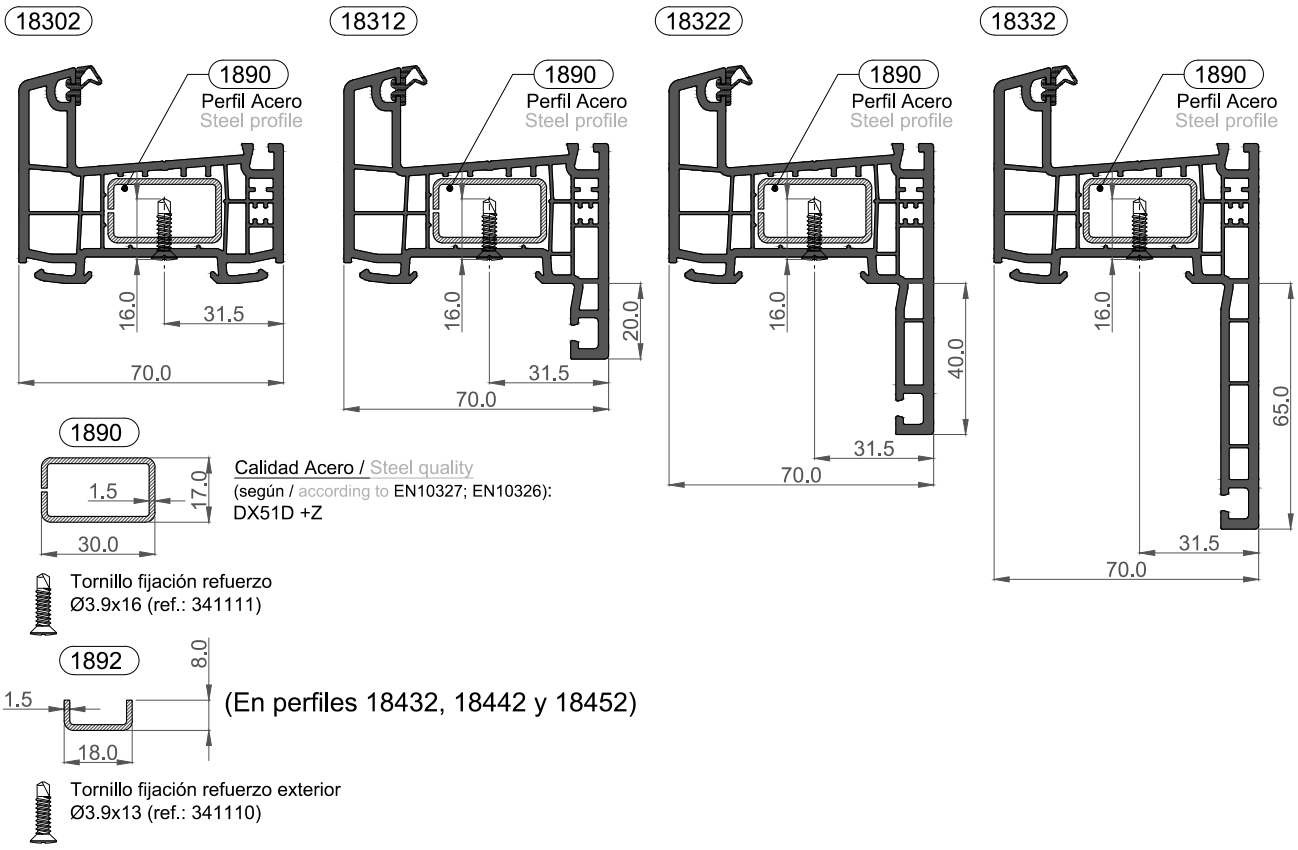


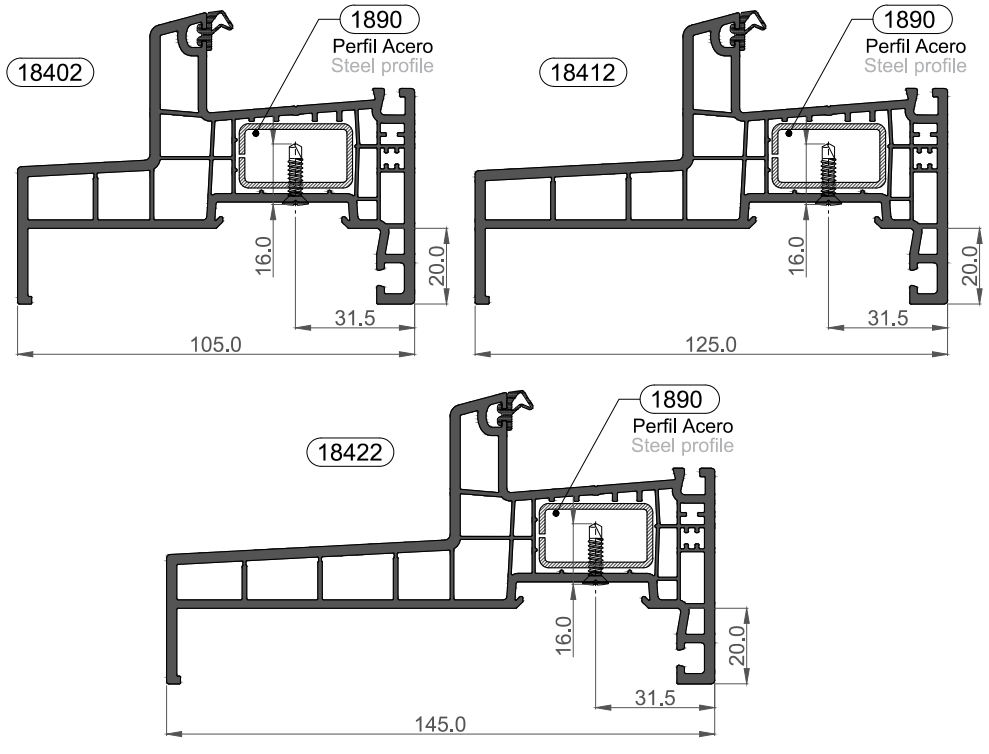
NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).

ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS
WELDABLE CORNERS - REINFORCEMENTS

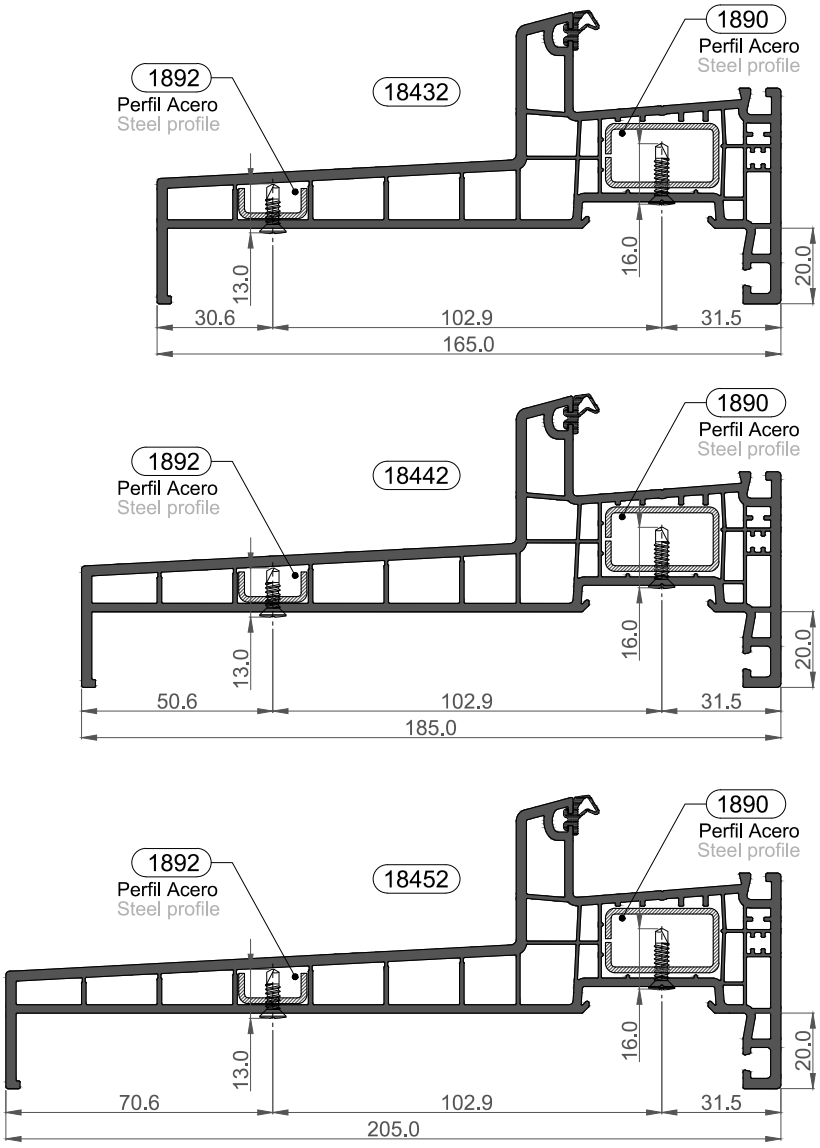
E 1:2
S 1:2



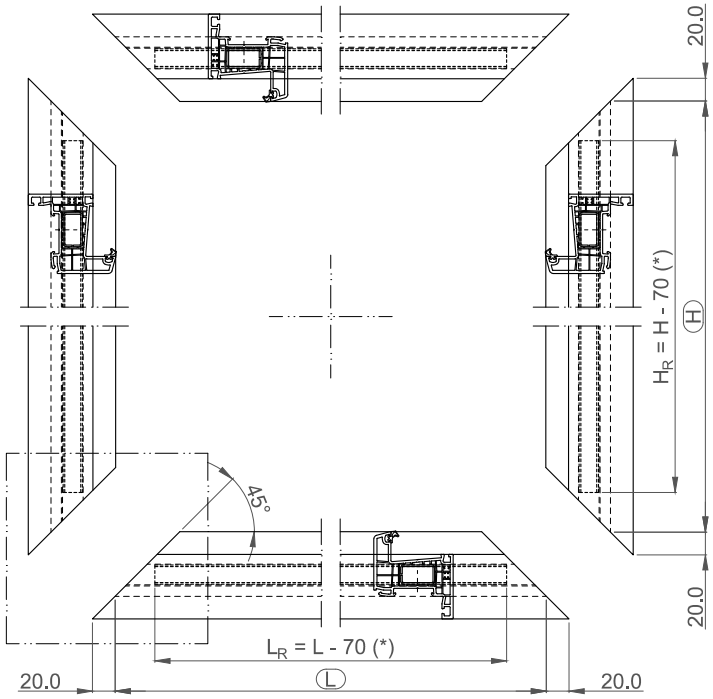


ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS
WELDABLE CORNERS - REINFORCEMENTS

E 1:2
S 1:2



ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS
WELDABLE CORNERS - REINFORCEMENTS



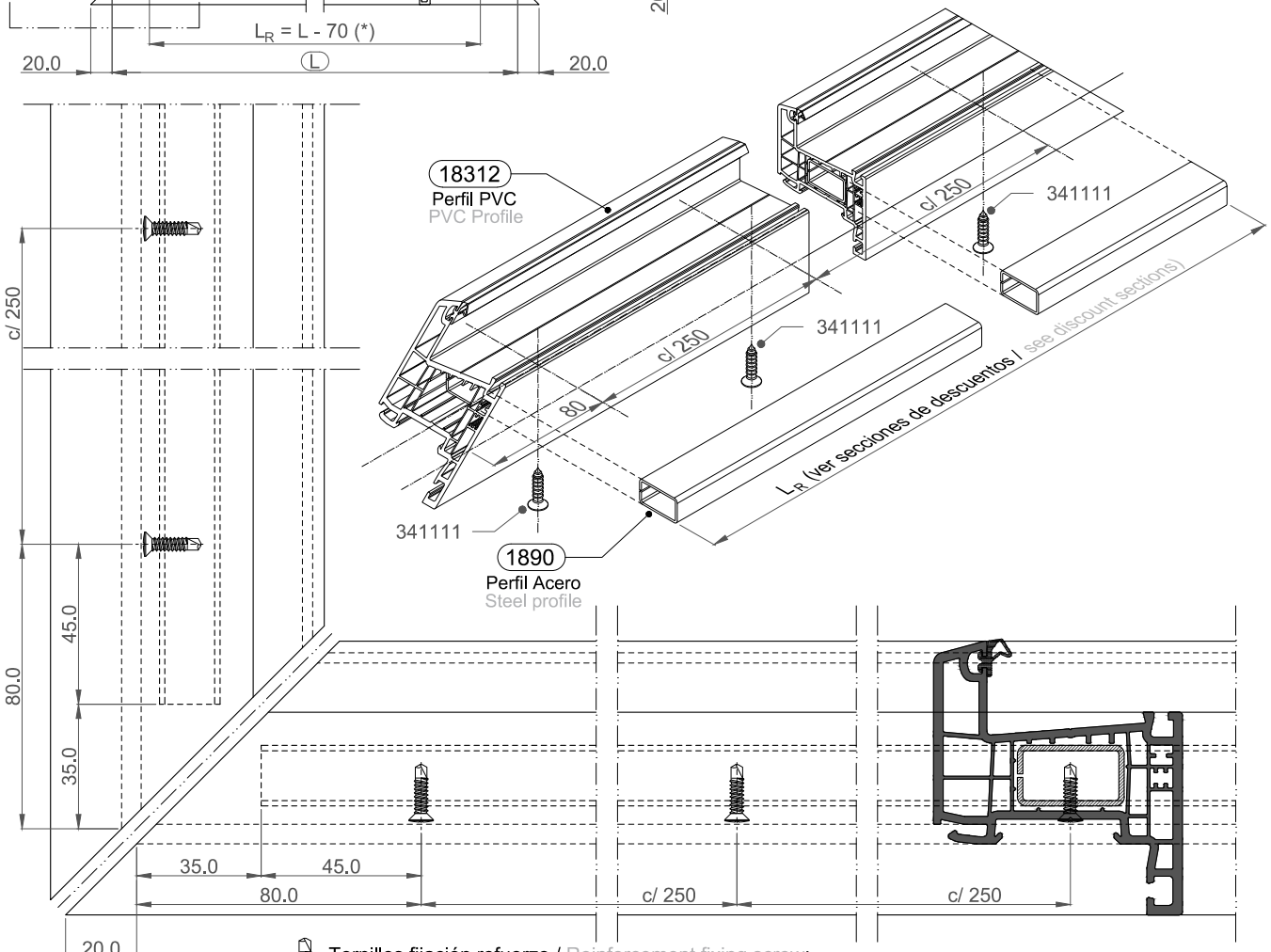
Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).

NOTA IMPORTANTE / IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.

L (+6) y H (+6)

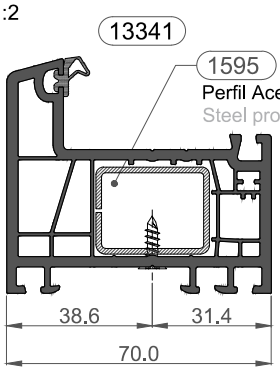


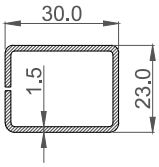
Tornillos fijación refuerzo / Reinforcement fixing screw:
Ø3.9x16, cada / every 250 mm. (ref.: 341111)

ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

Marco Apertura Exterior
Outward Opening Frame

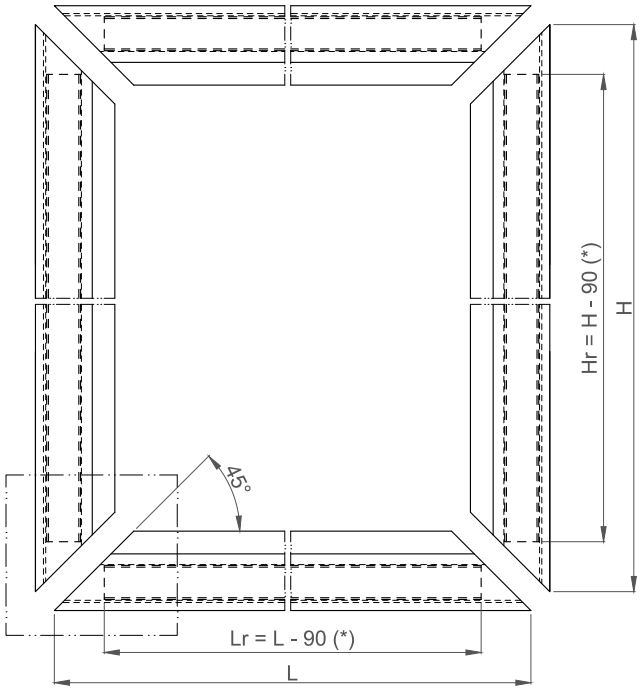
1:2





Calidad Acero / Steel quality
(según/according to EN10327;
EN10326): DX51D +Z

Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)

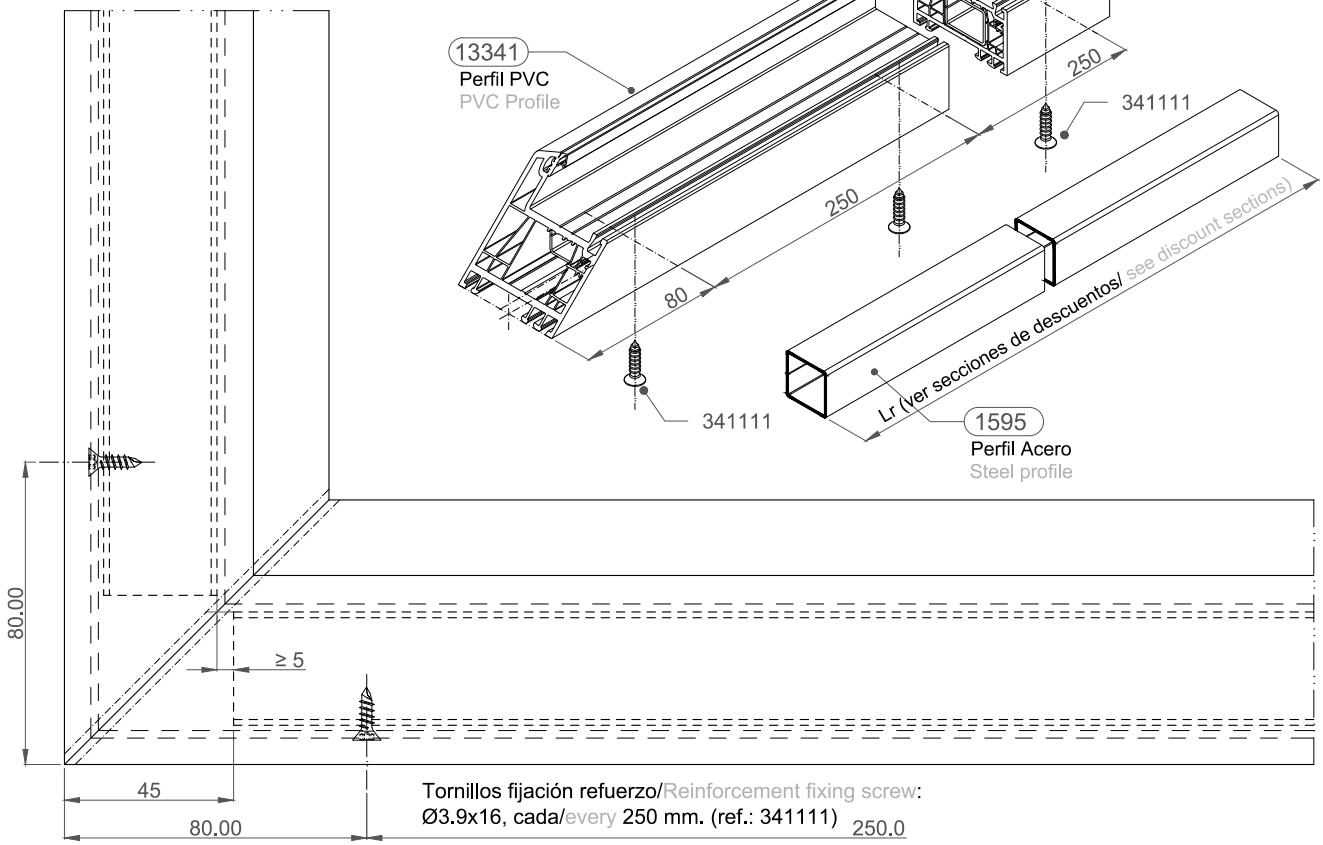


Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).

NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).

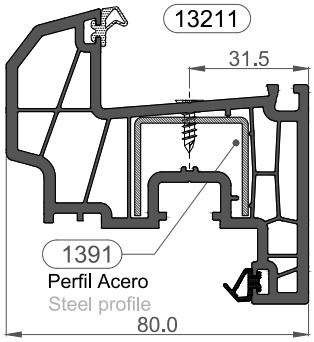


Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x16, cada/every 250 mm. (ref.: 341111)

ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

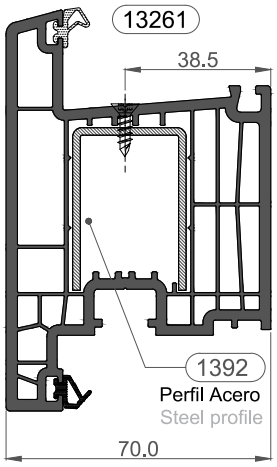
Hoja ventana ap. interior
Inward opening window sash

1:2



Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)

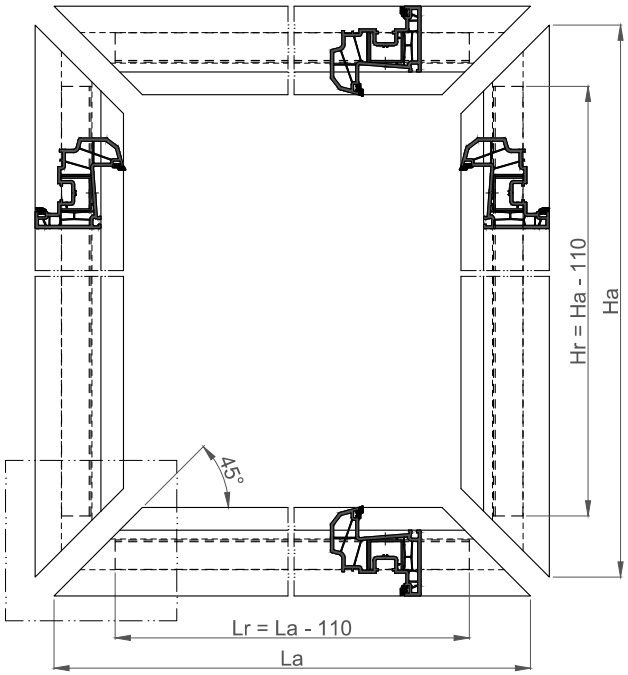
Hoja ventana ap. exterior
Outward opening window sash



Calidad Acero / Steel quality (según/according to EN10327; EN10326): DX51D +Z

Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

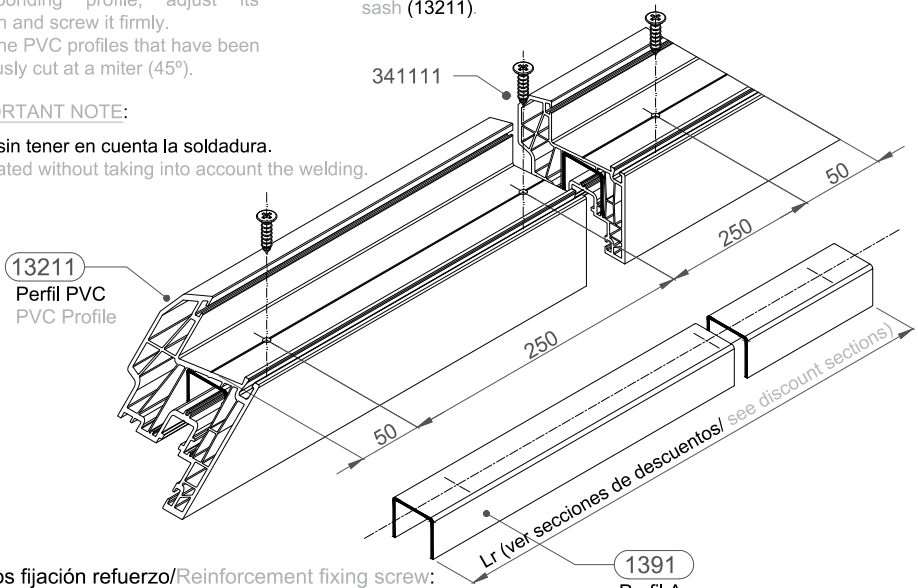
Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).



Ejemplo con hoja AI / Example with inward opening sash (13211).

NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).



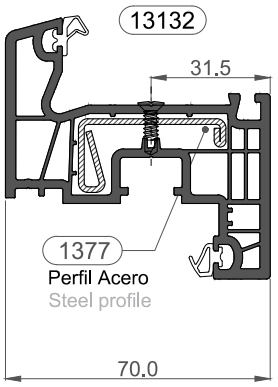
Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x16, cada/every 250 mm. (ref.: 341111)

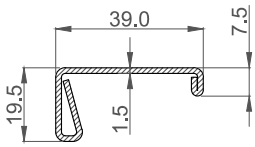
(*) = 81 (con perfil hoja AE/ with outward opening sash profile 13261)

ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

Hoja ventana recta reducida
Reduced straight window sash

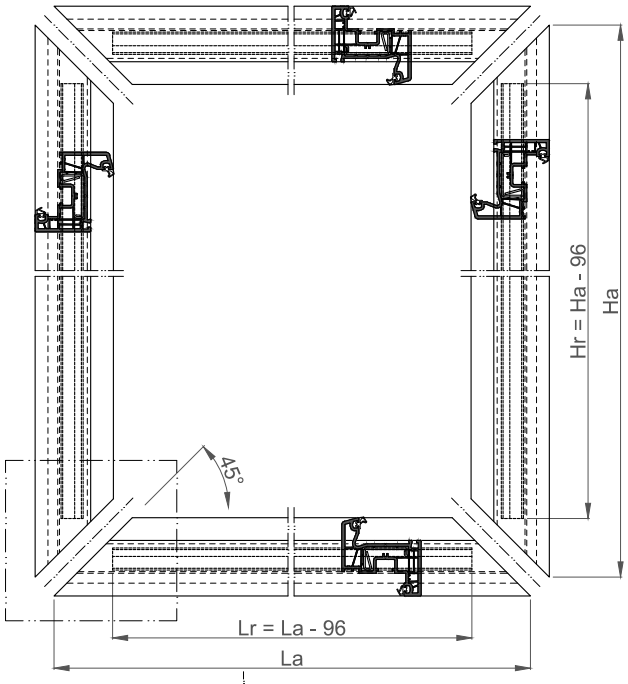
1:2





Calidad Acero / Steel quality
(según/according to EN10327;
EN10326): DX51D +Z

Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x13 (ref.: 341110)

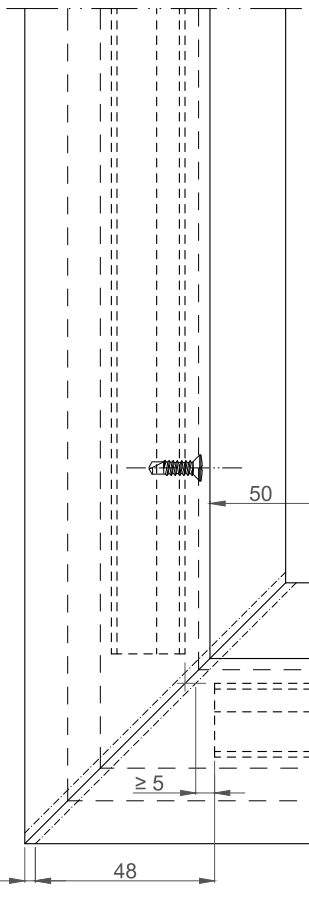


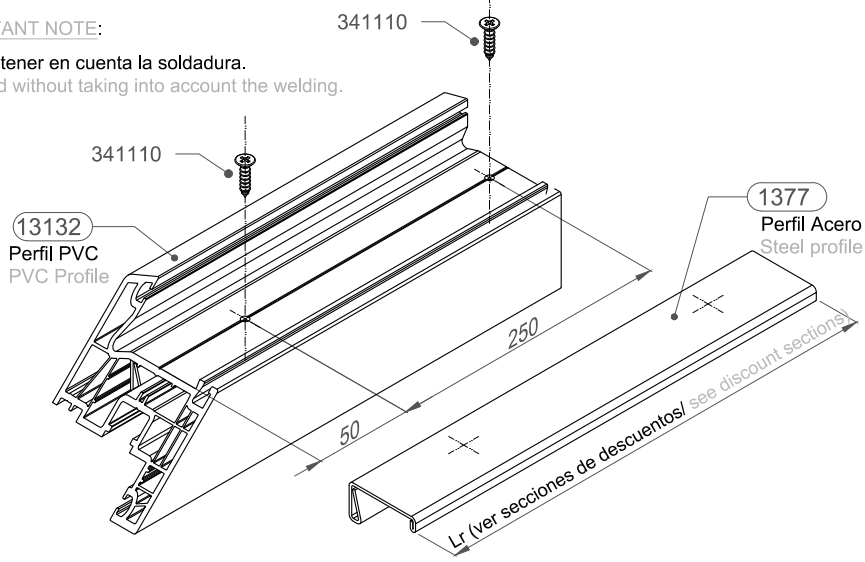
Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Weld the PVC profiles that have been previously cut at a miter (45º).

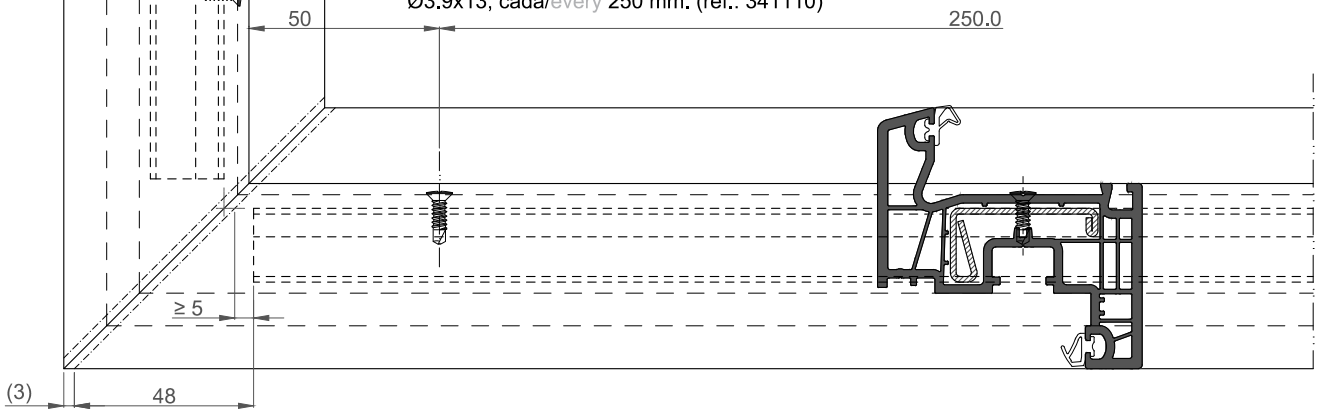
NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).



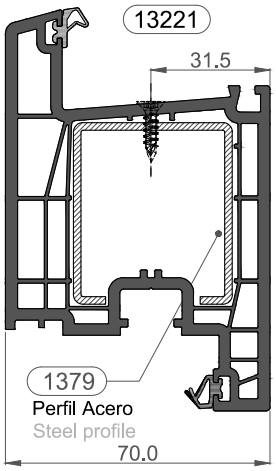


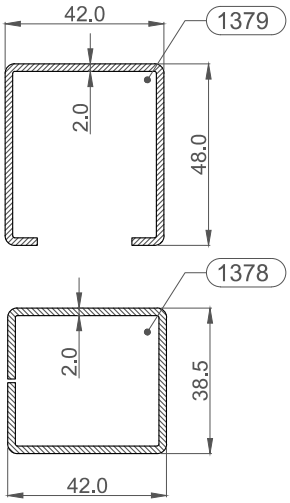
Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x13, cada/every 250 mm. (ref.: 341110)



ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

Hoja balconera ap. interior
Inward opening balcony sash
1:2



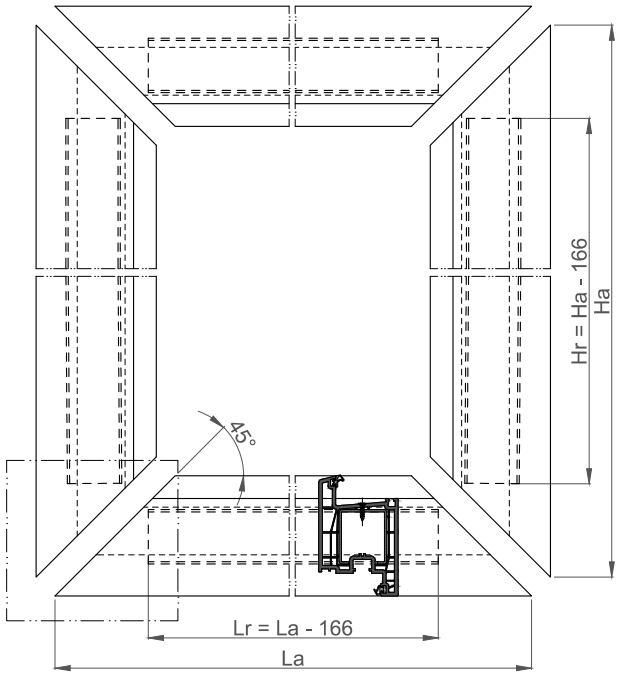


Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x16 (ref.: 341111)

Calidad Acero / Steel quality
(según/according to EN10327;
EN10326): DX51D +Z

Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Posicionar las esquinas soldables ref.401322, y afirmar las mismas al refuerzo mediante el tornillo de apriete que dispone. (Solo con refuerzo ref.1378).
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Position the weldable corners ref.401322, and secure them to the reinforcement using the available tightening screw. (Only with reinforcement ref.1378).
- Weld the PVC profiles that have been previously cut at a miter (45º).

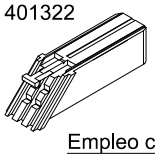


Ejemplo con hoja balconera AI (13221).
Example with interior opening balcony sash (13221).

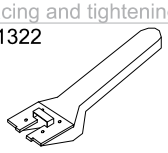
NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).

Esquina soldable
Weldable corner
401322



Paleta de colocación y apriete
Placing and tightening trowel
351322

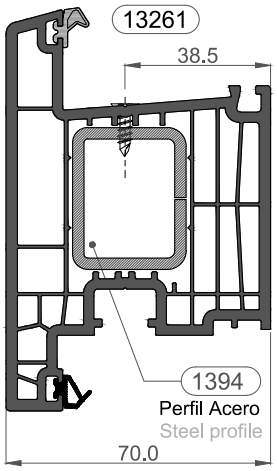


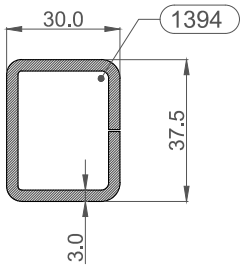
Empleo con el refuerzo 1378
Use with booster 1378

Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x16, cada/every 250 mm. (ref.: 341111)

ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

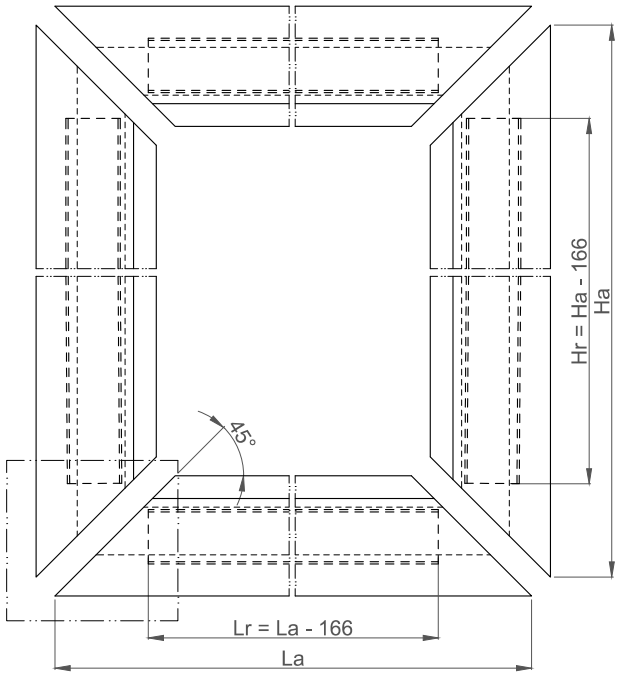
Hoja balconera ap. exterior
Exterior opening balcony sash





Calidad Acero / Steel quality
(según/according to EN10327;
EN10326): DX51D +Z

Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x19 (ref.: 341112)



Ejemplo con hoja balconera AE (13261).
Example with external opening balcony sash (13261).

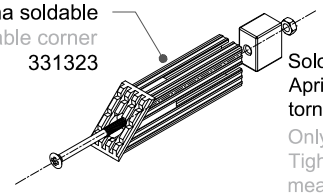
Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Posicionar las esquinas soldables ref. 331323, y afirmar las mismas al refuerzo mediante el tornillo de apriete que dispone.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Position the weldable corners ref. 331323, and secure them to the reinforcement using the available tightening screw.
- Weld the PVC profiles that have been previously cut at a miter (45º).

NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).

Esquina soldable
Weldable corner
331323



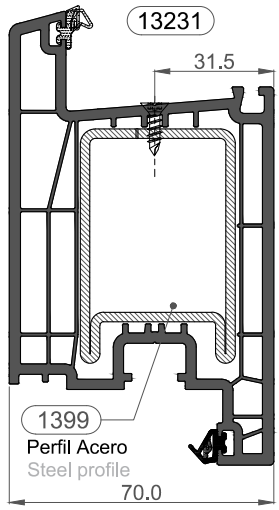
Solo con perfiles con refuerzo cerrado. Apriete y ajuste de escuadra mediante tornillo.
Only with profiles with closed reinforcement. Tightening and adjustment of the cleat by means of a screw.

Tornillos fijación refuerzo/Reinforcement fixing screw:
Ø3.9x19, cada/every 250 mm. (ref.: 341112)

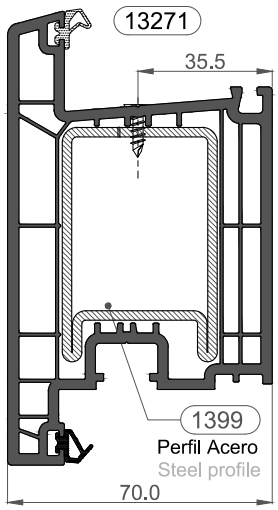
ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

Hoja puerta ap. interior
Inward opening door sash

1:2

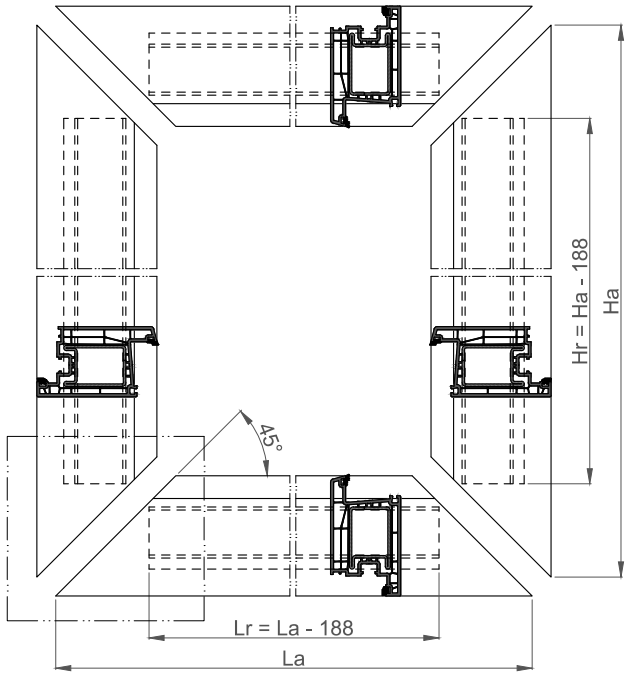


Hoja puerta ap. exterior
Outward opening door sash



Tornillo fijación refuerzo/
Reinforcement fixing screw:
Ø3.9x19 (ref.: 341112)

Calidad Acero / Steel quality (según/according to EN10327; EN10326): DX51D +Z
Espesor/ Thickness = 3 mm.



Ejemplo con hoja puerta AI (13231).
Example with interior opening door sash (13231).

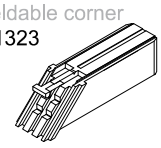
Procedimiento:
- Cortar el refuerzo en la longitud o medida indicada. Corte a 90º.
- Introducir el refuerzo en el perfil correspondiente, ajustar su posición y atornillar afirmando el mismo.
- Posicionar las esquinas soldables ref.351323, y afirmar la cuña tensora de sujeción al refuerzo haciendo uso de la paleta de colocación. Una vez alineadas y firmes en el perfil, se desprende la lengueta.
- Soldar los perfiles de PVC que habrán sido cortados previamente a inglete (45º).

Process:
- Cut the reinforcement to the indicated length or measurement. Cut at 90º.
- Insert the reinforcement in the corresponding profile, adjust its position and screw it firmly.
- Position the weldable corners ref.351323, and secure the tightening wedge to the reinforcement using the placement trowel. Once aligned and firm in the profile, the tongue comes off.
- Weld the PVC profiles that have been previously cut at a miter (45º).

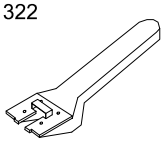
NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).
-solo el perfil de PVC/only the PVC profile-.

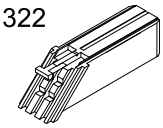
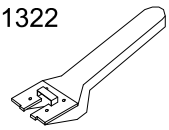
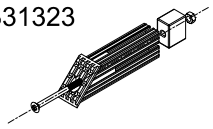
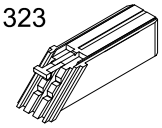
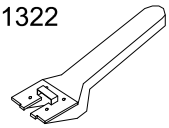
Esquina soldable
Weldable corner
351323



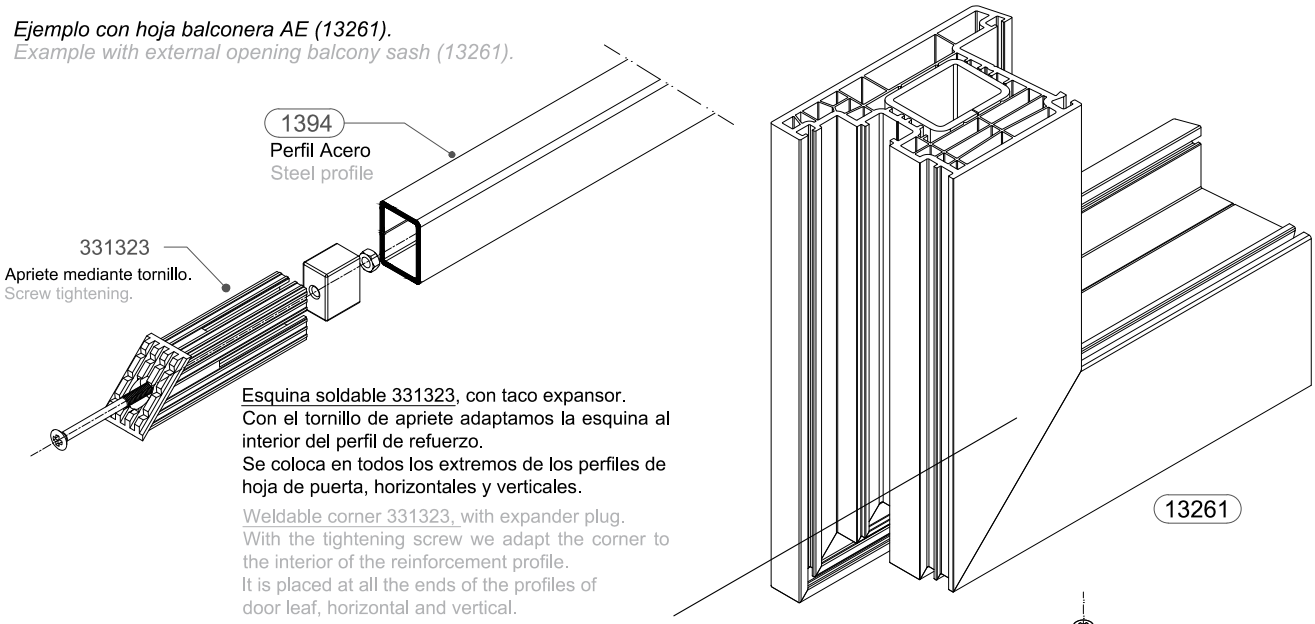
Paleta de colocación y apriete
Placing and tightening trowel
351322



ESQUINAS SOLDABLES - ENCUENTRO DE REFUERZOS - WELDABLE CORNERS - REINFORCEMENTS

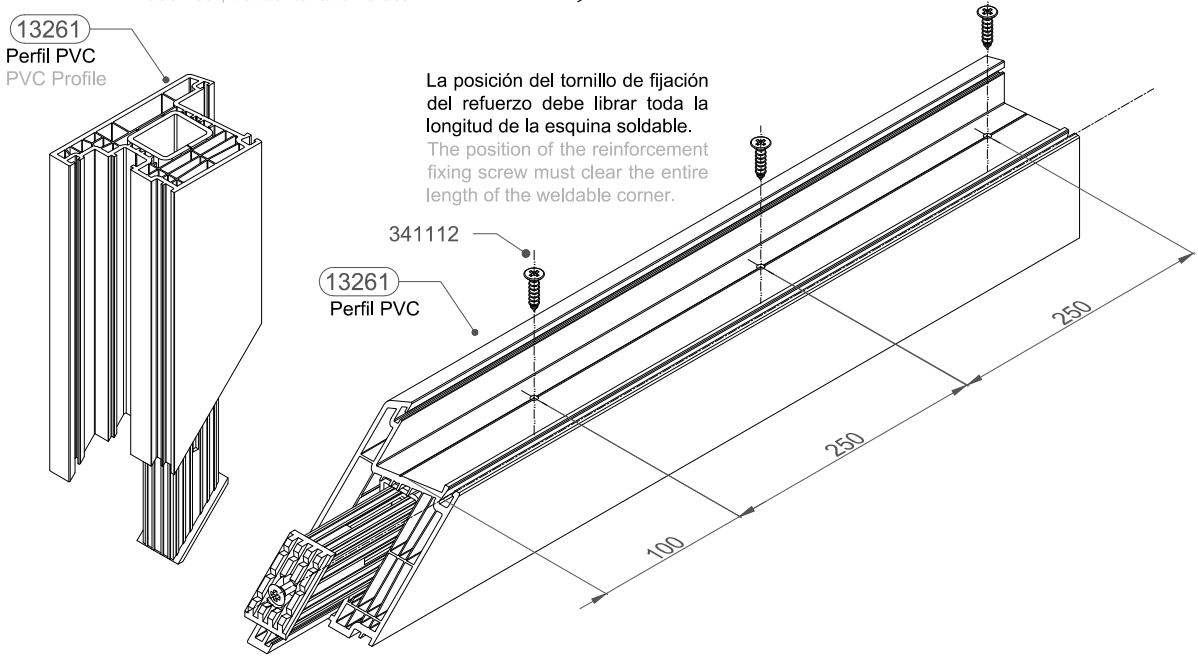
13221 — 1378	1378	401322 	351322 
13261 — 1394	1394	331323 	*Ajuste y apriete por tornillo.* *Adjustment and tightening by screw.*
13231 — 13271 — 1399	1399	351323 	351322 

Ejemplo con hoja balconera AE (13261).
Example with external opening balcony sash (13261).



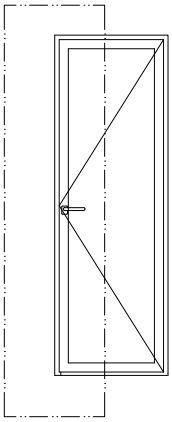
Esquina soldable 331323, con taco expansor.
Con el tornillo de apriete adaptamos la esquina al interior del perfil de refuerzo.
Se coloca en todos los extremos de los perfiles de hoja de puerta, horizontales y verticales.

Weldable corner 331323, with expander plug.
With the tightening screw we adapt the corner to the interior of the reinforcement profile.
It is placed at all the ends of the profiles of door leaf, horizontal and vertical.

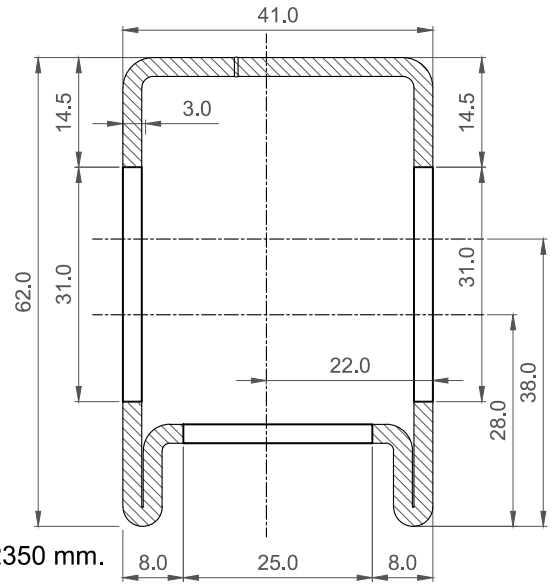


La posición del tornillo de fijación del refuerzo debe librar toda la longitud de la esquina soldable.
The position of the reinforcement fixing screw must clear the entire length of the weldable corner.

REFUERZO FRESADO; LADO CERRADURA/ MILLED REINFORCEMENT; LOCK SIDE

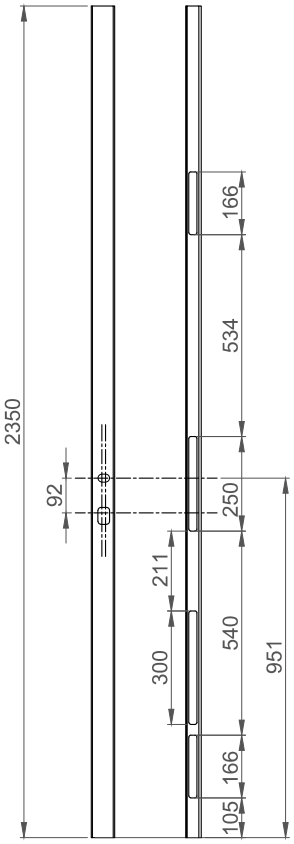


REFUERZO 1399
REINFORCEMENT 1399





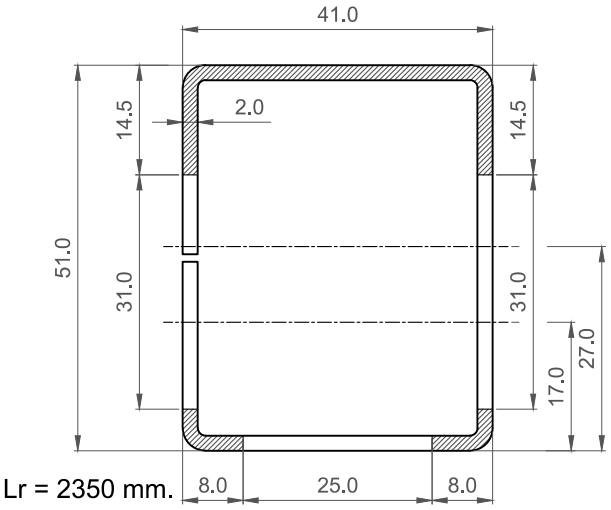
Nota: Válido todos los modelos de cerraduras. Entrada de 35/45 mm.
Note: Valid for all lock models. 35/45 mm backset.



411399	Refuerzo fresado hoja de puerta / Door sash milled reinforcement (cerraduras/ locks)
Material	Acero galvanizado / galvanised steel DX51D -Z140
Peso/ weight (kg.)	9,25

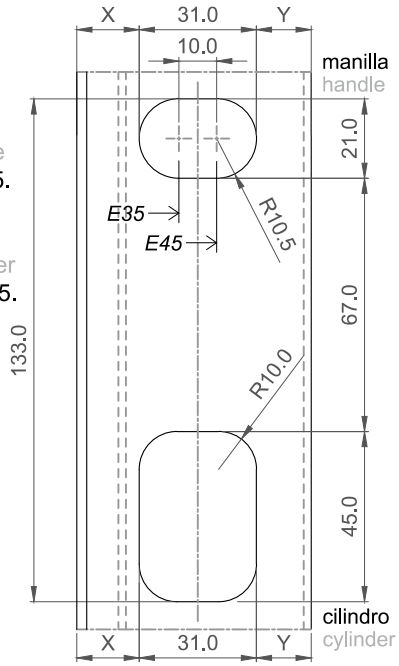
Perfil base/ base profile ref. 1399 = Peso/ weight (4.150 gr/m)

REFUERZO/ REINFORCEMENT 1382



Mecanizados:
Machinings:
para manilla/ for handle
entradas/backset 35/45.

para cilindro/ for cylinder
entradas/backset 35/45.



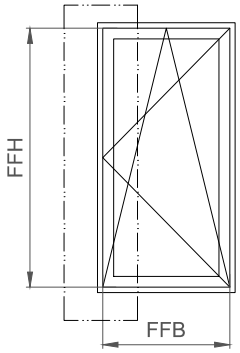
371382	Refuerzo fresado hoja de puerta (cerraduras)
Material	Acero galvanizado / galvanised steel DX51D -Z140
Peso (kg.)	5,8

Perfil base/ base profile ref. 1382 = Peso/ weight (2.693,3 gr/m)

REFUERZO CERRADO FRESADO/ MILLING CLOSED REINFORCEMENT

- CIERRE, PRACTICABLE / OSCILO-BATIENTE / CLOSURE, OPENING / TILT-TURN

BALCONERA/ BALCONY

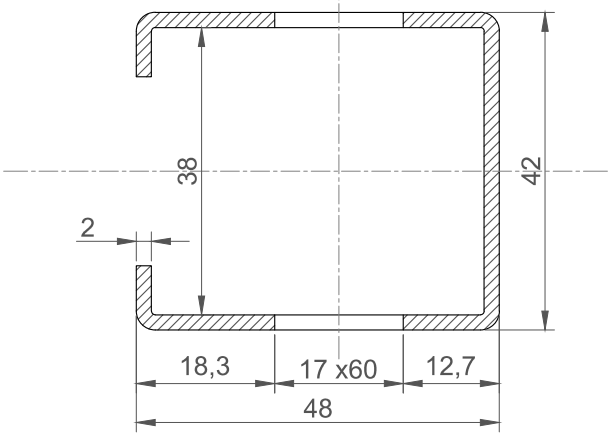


411379

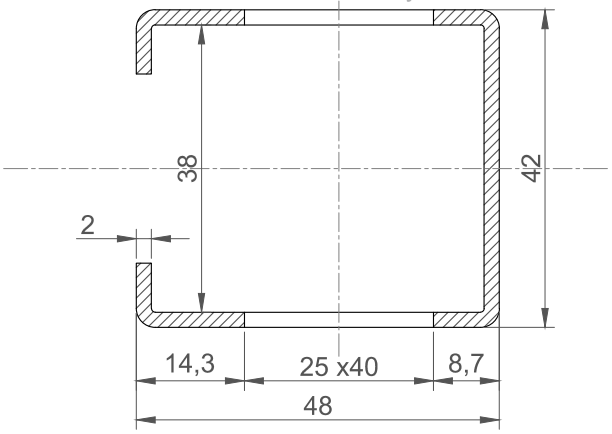
Refuerzo fresado hoja de balconera/ Balcony sash milled reinforcement Ref. 13221
Peso = 5,37 kg.
Material:
Acero galvanizado/ galvanised steel DX51D -Z140
Perfil base/ base profile:
Ref. 1379 = Peso/ weight (2.267 gr/m)

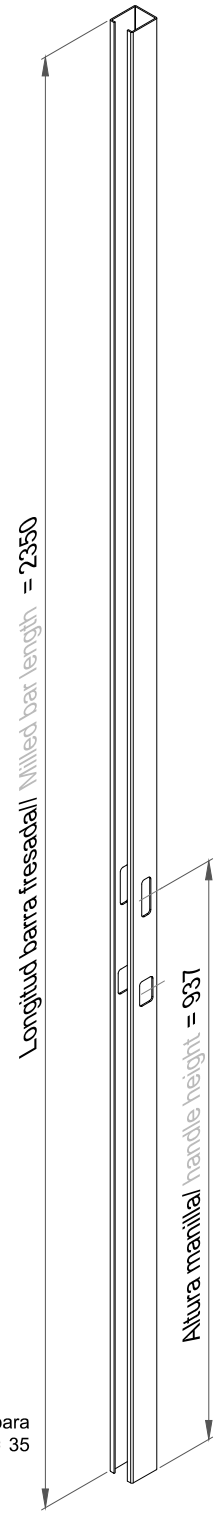
REFUERZO/ REINFORCEMENT 1379

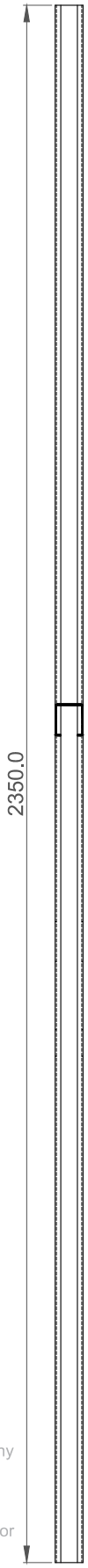
para manilla
for handle

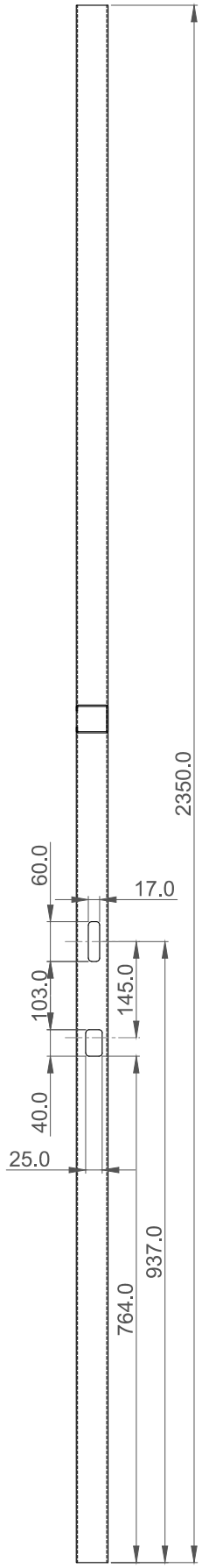


para bombillo
for cylinder









- Perfiles de acero con mecanizados para las cremonas con o sin caja de cerradura para el bloqueo de la manilla. Válidos con la hoja tipo balconera. Entrada de cremona = 35 mm. Alturas de cremona > 1600 mm.
  Eje de manilla a 1000 mm entre canales, desde canal inferior.

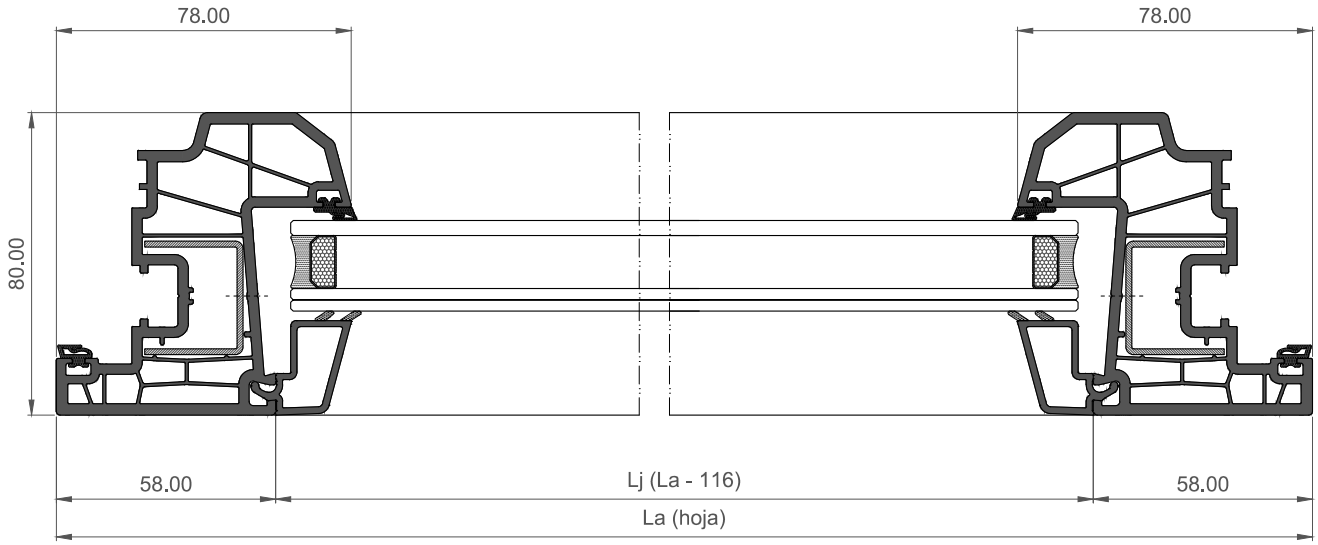
Nota importante:
Practicar el cajeado para el bombillo en el lateral del perfil de PVC-U, solo en el caso de llevar el mismo. ídem para la caja frontal para la cerradura.

- Steel profiles with machining for cremones with or without lock box for blocking the handle. Valid with the balcony type leaf. Cremone inlet = 35 mm. Cremone heights > 1600 mm.
  Handle axis at 1000 mm between channels, from lower channel.

Important note:
Practice the recess for the light bulb on the side of the PVC-U profile, only in the case of having the same. Ditto for the front box for the lock.

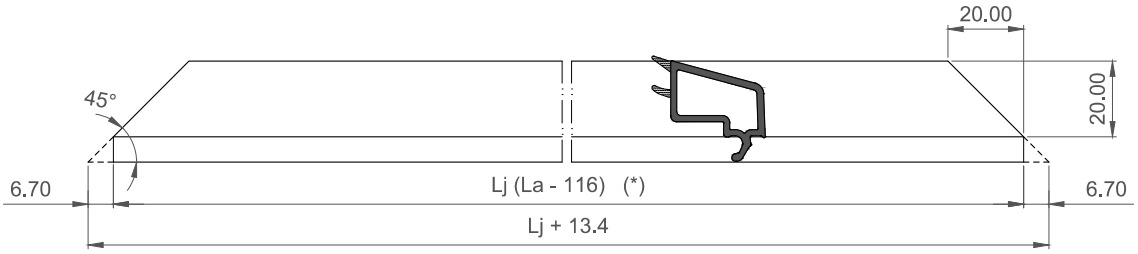
MONTAJE DE JUNQUILLOS - DESCUENTOS / GLAZING BEAD ASSEMBLING - CUTTING

1:2



NOTA IMPORTANTE/ IMPORTANT NOTE:

Medidas de corte indicadas sin tener en cuenta la soldadura.
Cutting measurements indicated without taking into account the welding.
L (+6) y H (+6).

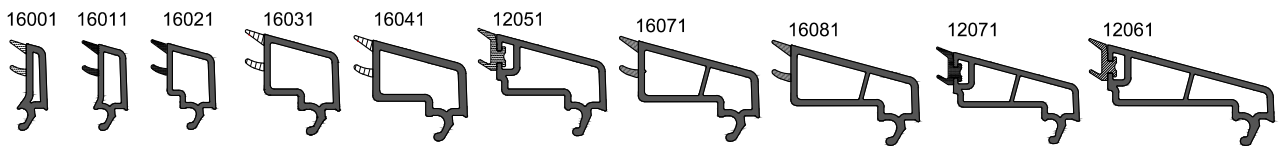


Notas: Ejemplo de uso con Junquillo 16041.
Corte de junquillo a inglete (45º), y eliminación de patilla de enganche.
Misma disposición con el resto de junquillos.

(*) Los descuentos varían en función de la hoja y/o marco en donde se monte el junquillo.
En este caso ejemplo con hoja 13211.

Notes: Example of use with glazing bead 16041.
Glazing bead miter cutting (45º), and removal of hook pin.
Same arrangement with the rest of the glazing bead.

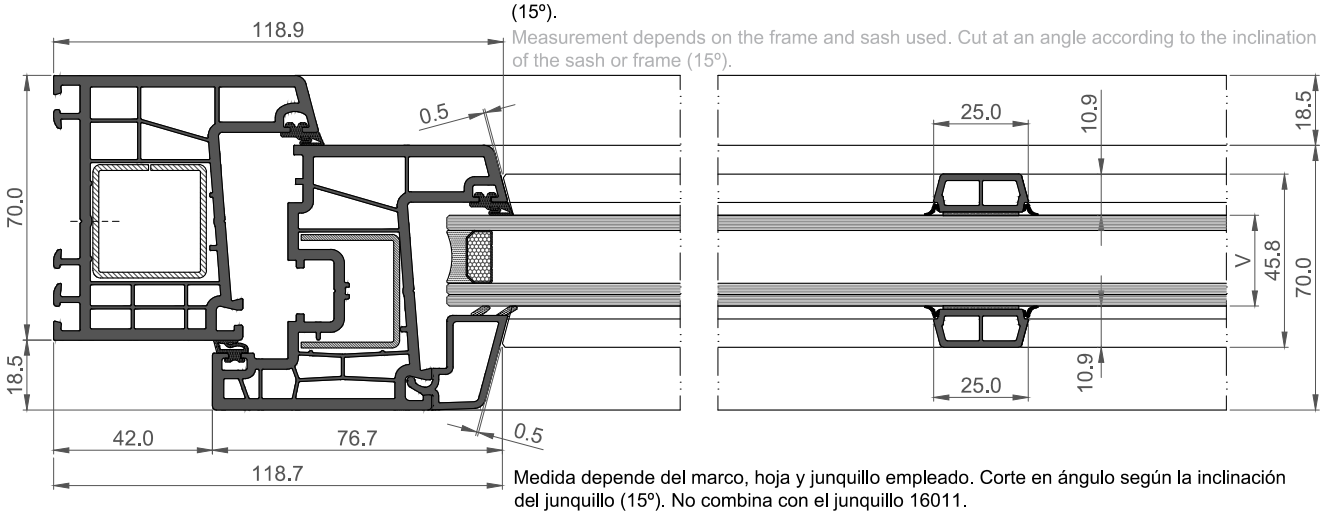
(*) The discounts vary depending on the sash and/or frame where the glazing bead is mounted.
this case example with sash 13211.



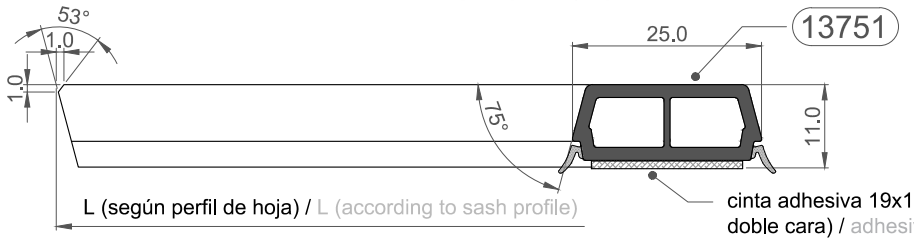
1:2

DIVISIÓN DE VIDRIO POR CUARTERONES/ DIVISION OF GLASS BY GLAZING BAR

Medida depende del marco y hoja empleado. Corte en ángulo según inclinación de hoja o marco (15º).
Measurement depends on the frame and sash used. Cut at an angle according to the inclination of the sash or frame (15º).

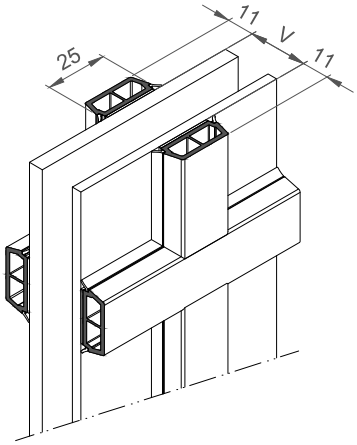


Medida depende del marco, hoja y junquillo empleado. Corte en ángulo según la inclinación del junquillo (15º). No combina con el junquillo 16011.
Measurement depends on the frame, sash and glazing bead used. Cut at an angle according to the inclination of the glazing bead (15º). It does not combine with the 16011 glazing bead.

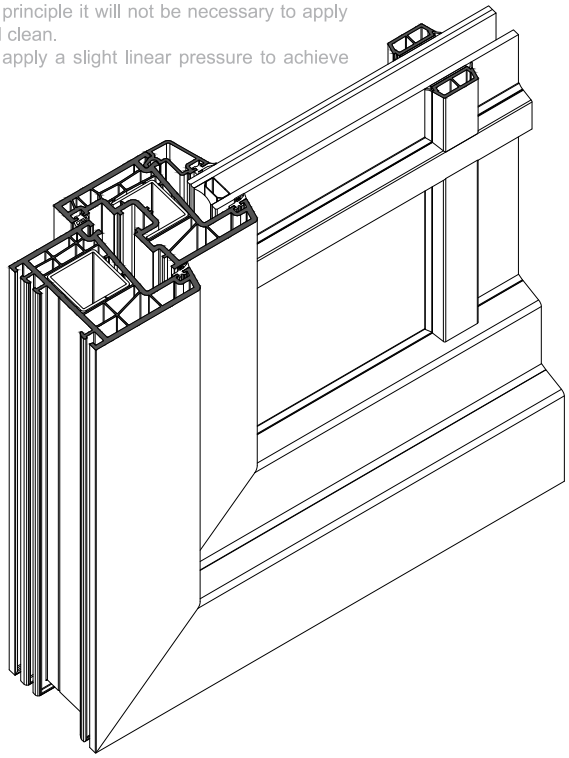


Nota importante:
Para el pegado del barrotillo empleando su cinta adhesiva, se requiere que el vidrio sea limpiado meticulosamente eliminando cualquier impureza que impida un correcto pegado del perfil en su superficie acristalada. En principio no será necesario aplicar ninguna imprimación en la superficie del vidrio.
La superficie de pegado deberá estar perfectamente seca y limpia.
En el momento del pegado el barrotillo 13751 al vidrio, se requiere aplicar una ligera presión lineal para conseguir una adhesión correcta.

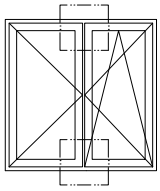
Important note:
For gluing the glazing bar using its adhesive tape, it is required that the glass be meticulously cleaned, eliminating any impurity that prevents a correct gluing of the profile on its glazed surface. In principle it will not be necessary to apply any primer on the glass surface. The gluing surface must be perfectly dry and clean.
At the time of gluing the 13751 glazing bar to the glass, it is necessary to apply a slight linear pressure to achieve correct adhesion.



Encuentro doble T
Double T detail

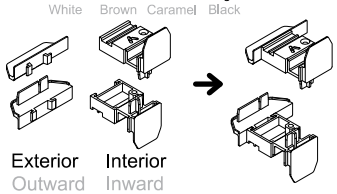


INVERSOR - DESCUENTOS Y MONTAJE - INVERTER - DISCOUNTS AND ASSEMBLY

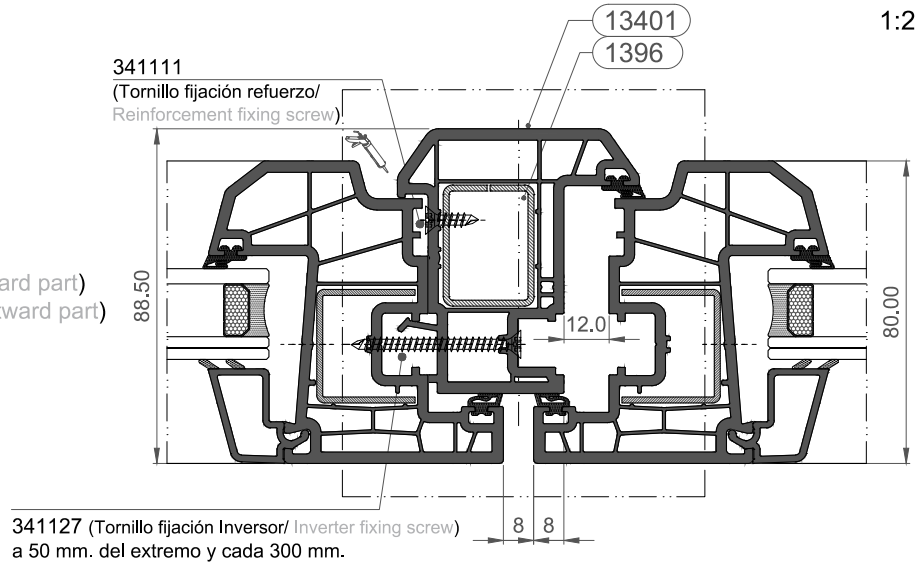


Juego tapas inversoras
Covers kit for window inverter
351340 /41 /42 /43 (parte interior/ inward part)
351344 /45 /46 /47 (parte exterior/ outward part)

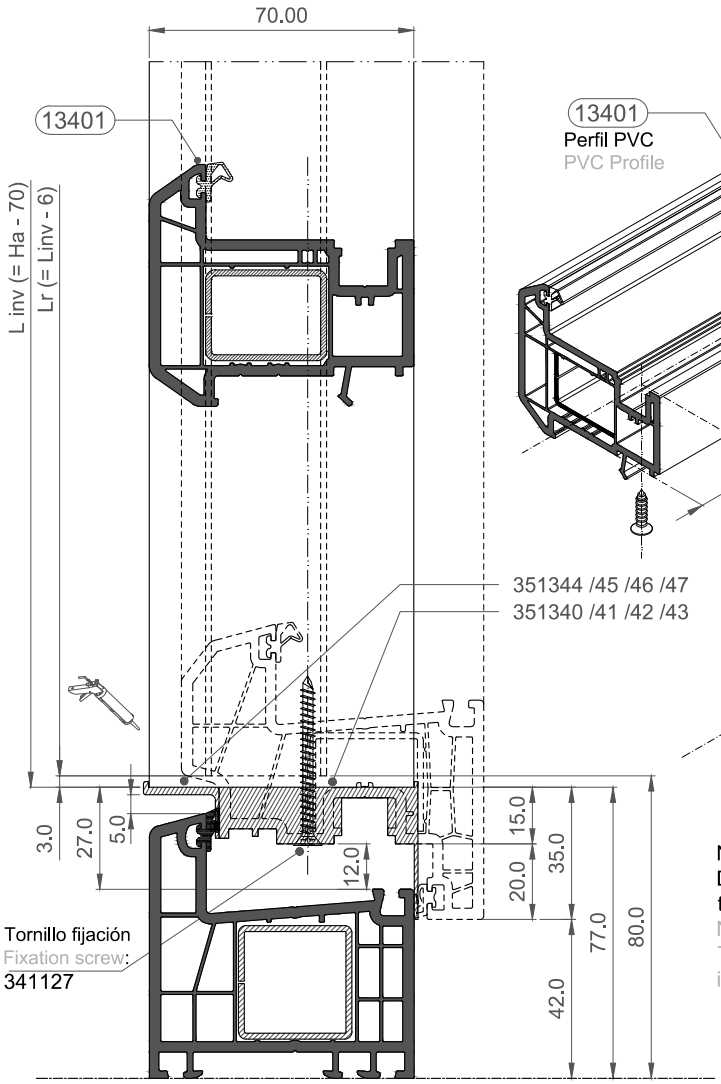
BL Blanco White | M Marrón Brown | C Caramelo Caramel | Negro Black

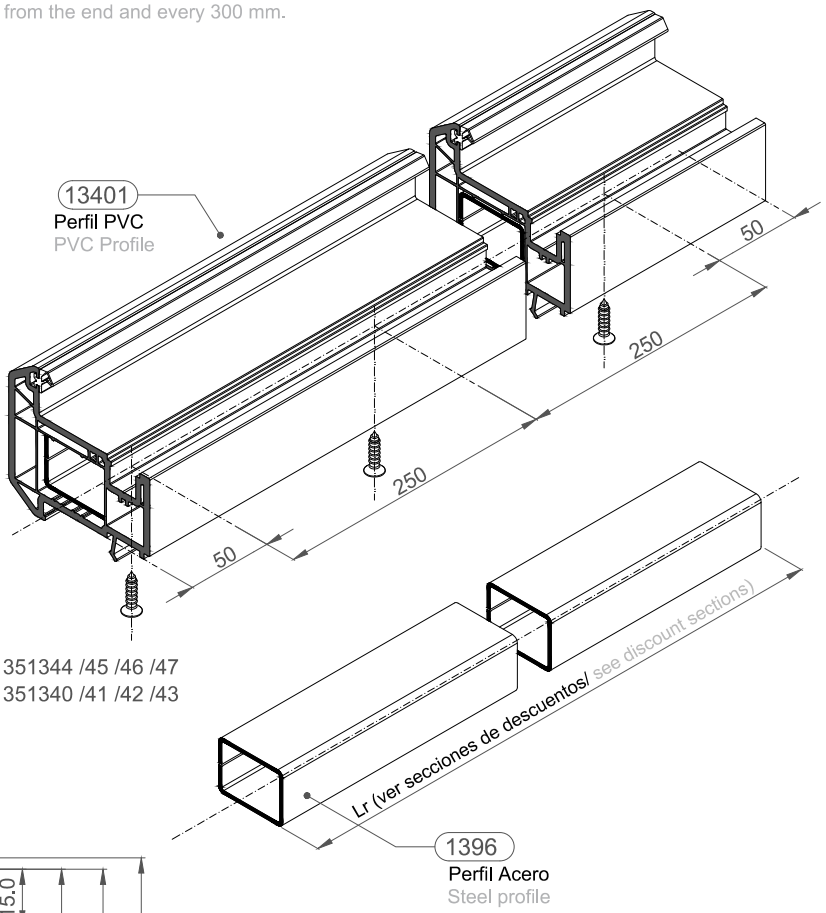


1:2



341127 (Tornillo fijación Inversor/ Inverter fixing screw)
a 50 mm. del extremo y cada 300 mm.
at 50mm. from the end and every 300 mm.

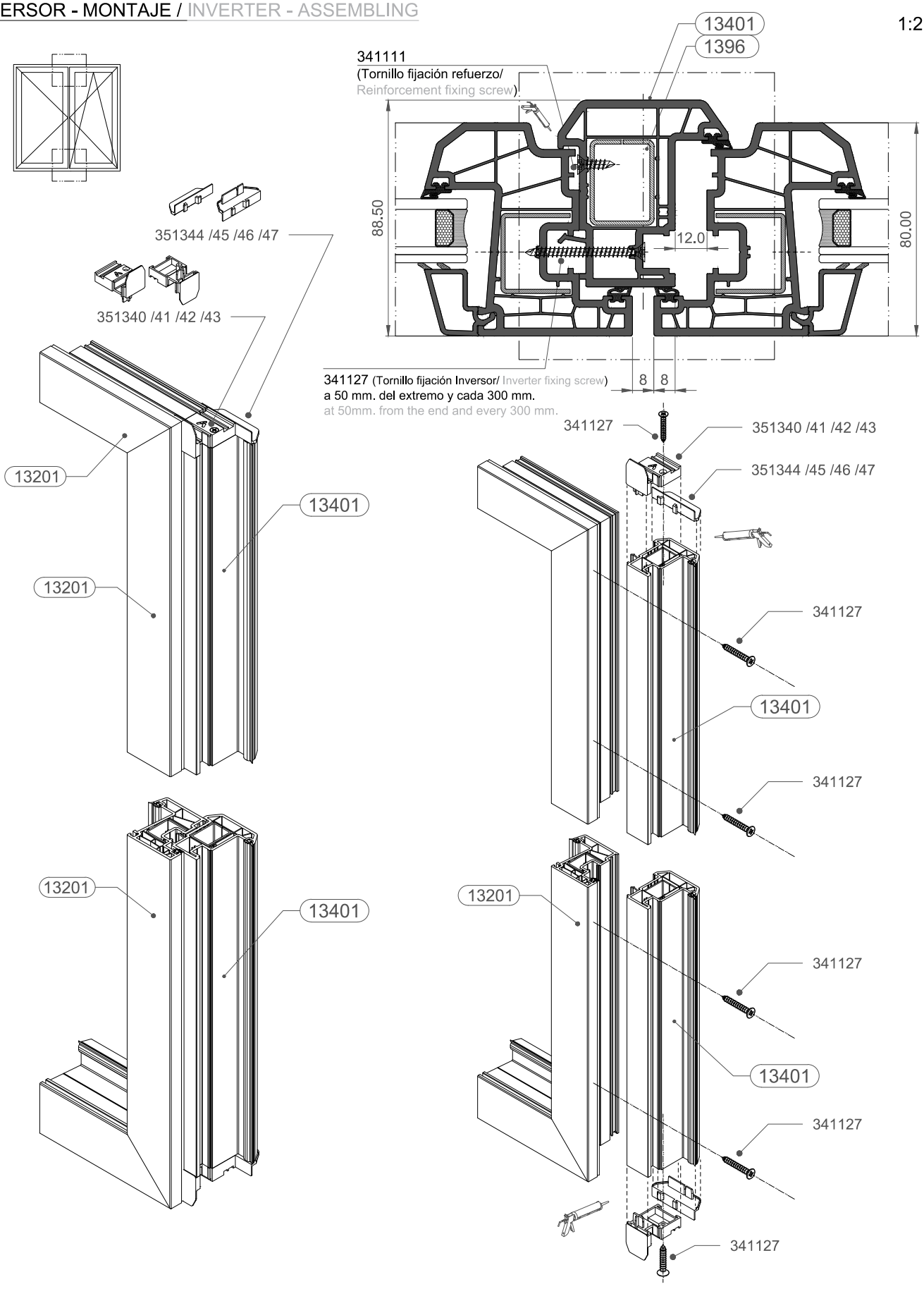




Nota:
Debe sellarse convenientemente la unión de las tapas inversoras con el inversor.
Note:
The joint between the inverter covers and the inverter must be suitably sealed.

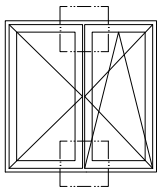
INVERSOR - MONTAJE / INVERTER - ASSEMBLING

1:2



INVERSOR - DESCUENTOS Y MONTAJE / INVERTER - CUTTING AND ASSEMBLING

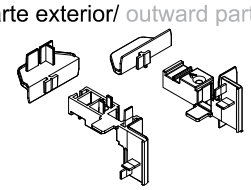
1:2



Juego tapas inversor ventana
Covers kit for window inverter
351334 /35 /36 /37 (parte interior/ inward part)
351374 /75 /76 /77 (parte exterior/ outward part)

BL Blanco White | M Marrón Brown | C Caramelo Caramel | Negro Black

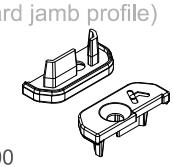
13411

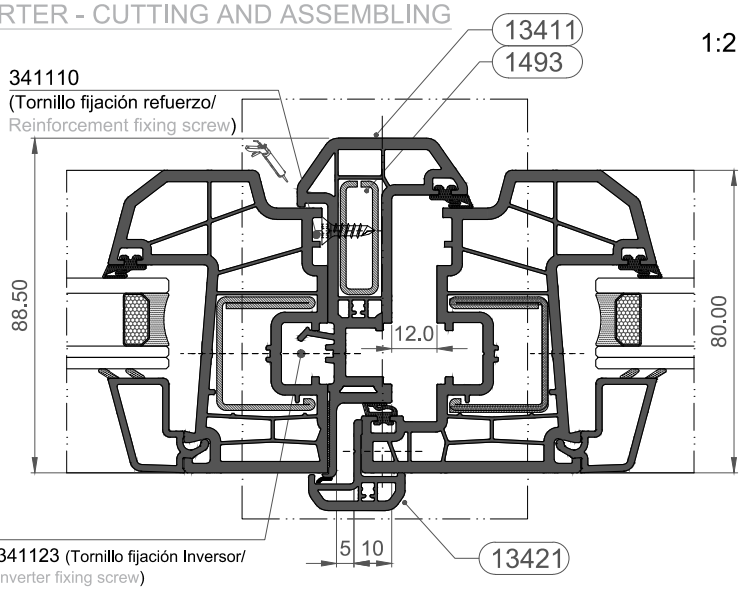


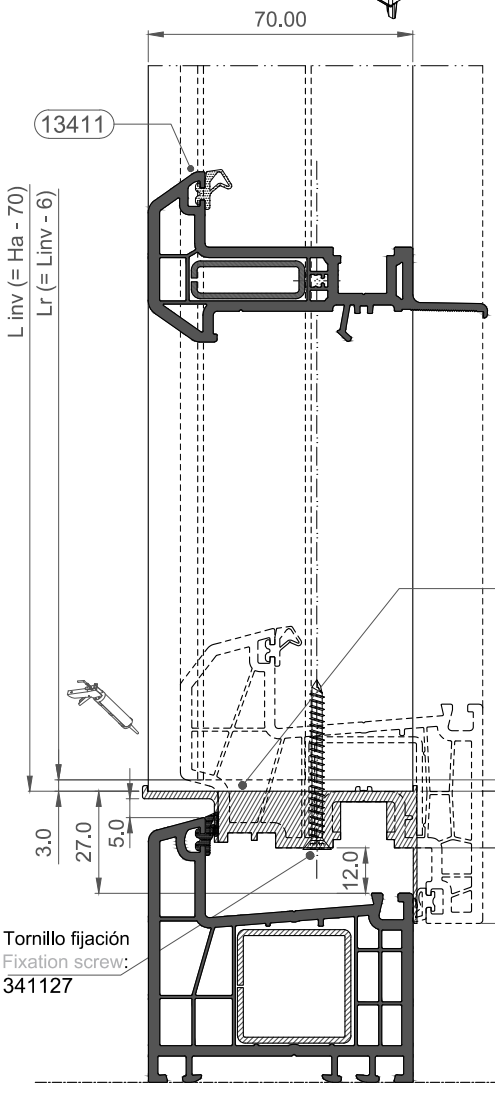
351354 /55 /56 /57 (perfil batiente interior/ inward jamb profile)

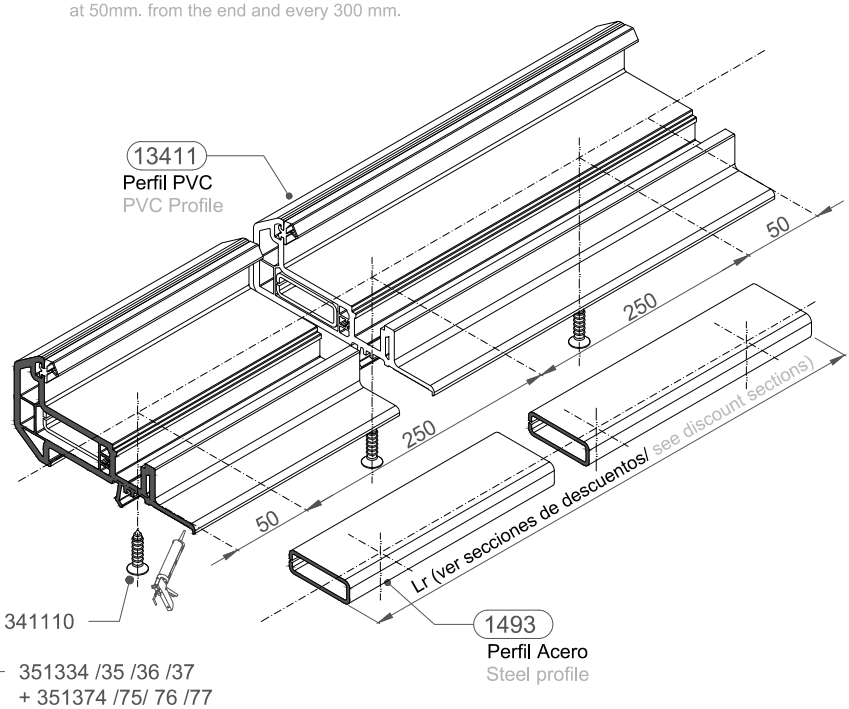
BL Blanco White | M Marrón Brown | C Caramelo Caramel | Negro Black

13421



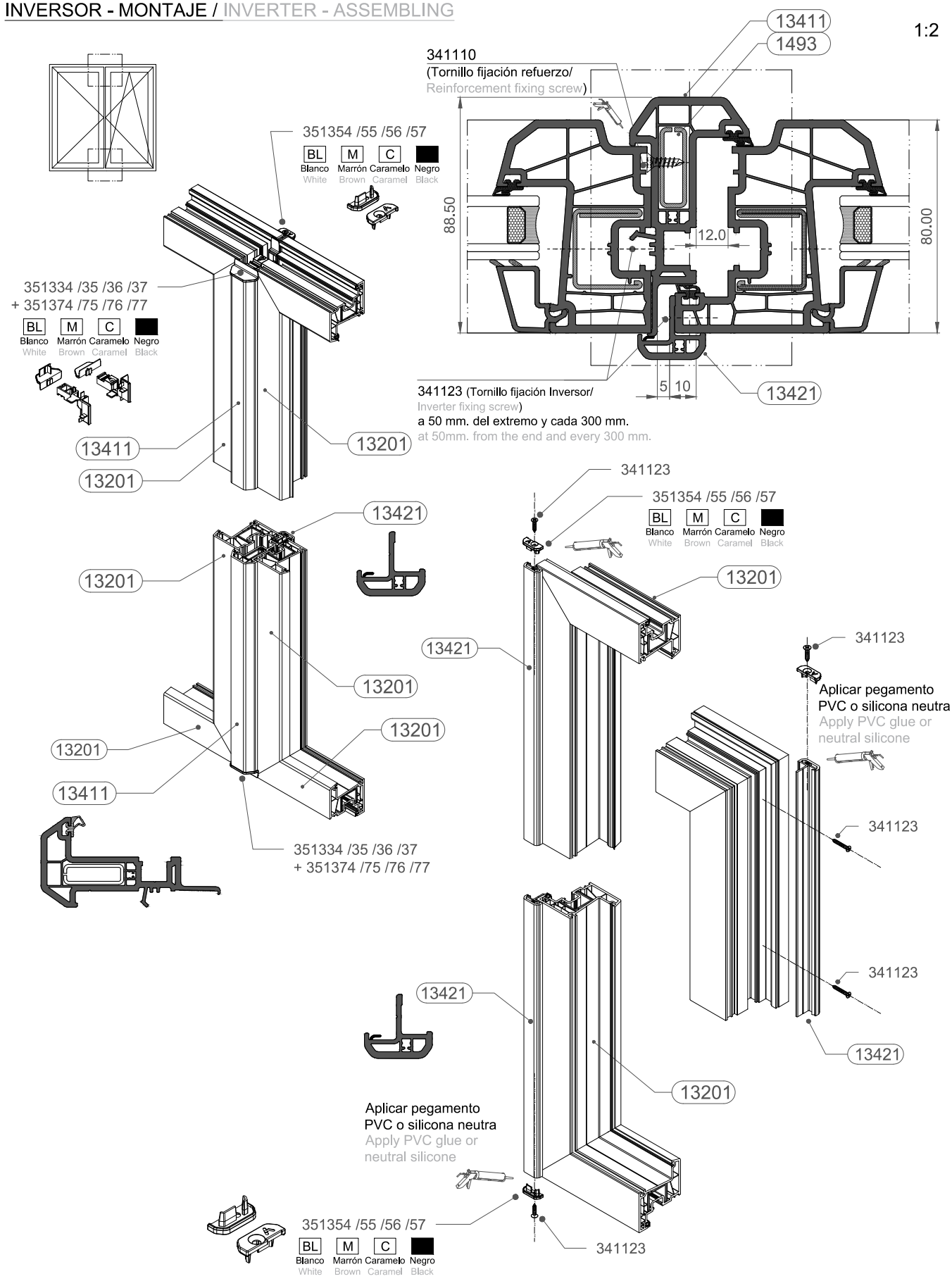




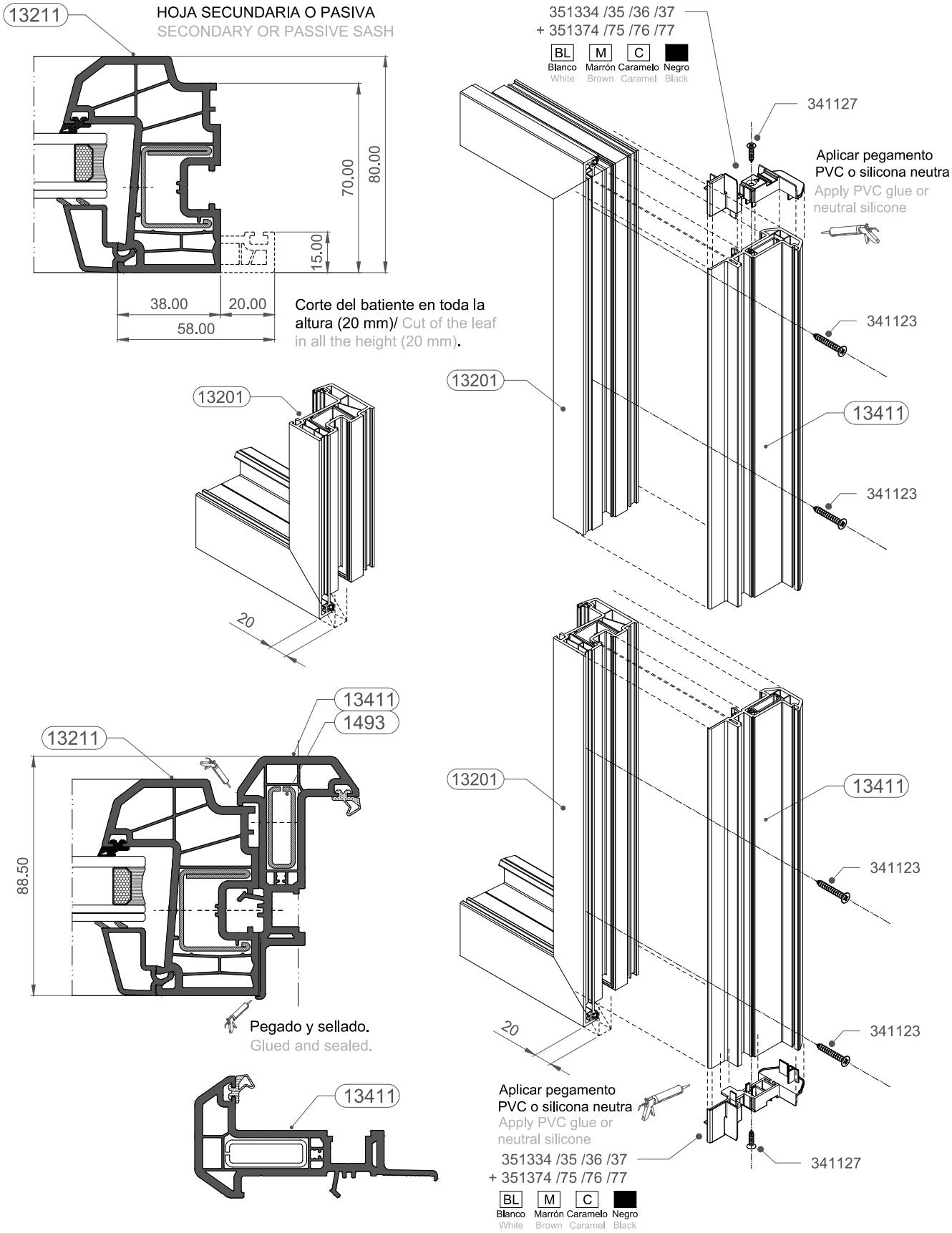


Nota:
Debe sellarse convenientemente la unión de las tapas inversoras con el inversor.
Note:
The joint between the inverter covers and the inverter must be suitably sealed.

INVERSOR - MONTAJE / INVERTER - ASSEMBLING

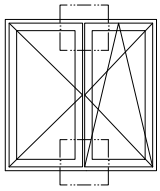


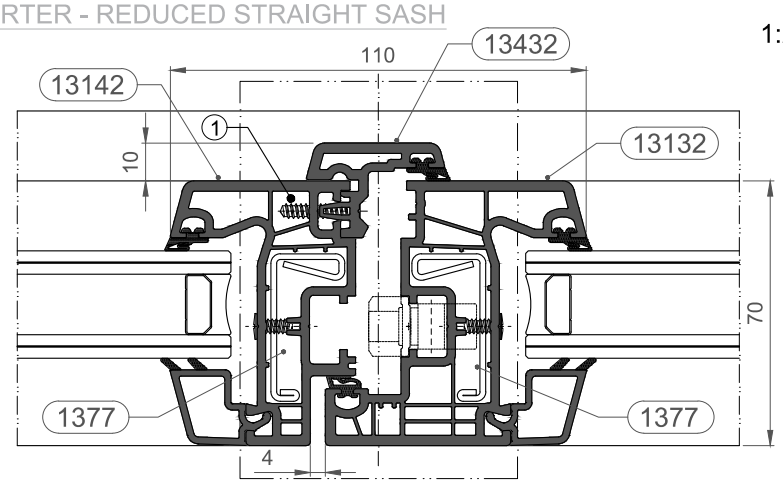
INVERSOR - MONTAJE - Corte hoja inversora / INVERTER - ASSEMBLING - Inverter sash cutting



INVERSOR - HOJA RECTA REDUCIDA / INVERTER - REDUCED STRAIGHT SASH

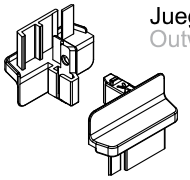
1:2





411360 BL /61 M /62 C /63 ■

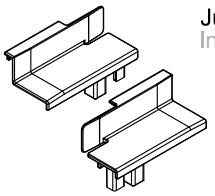
Juego tapas inversor exterior
Outward inverter covers kit



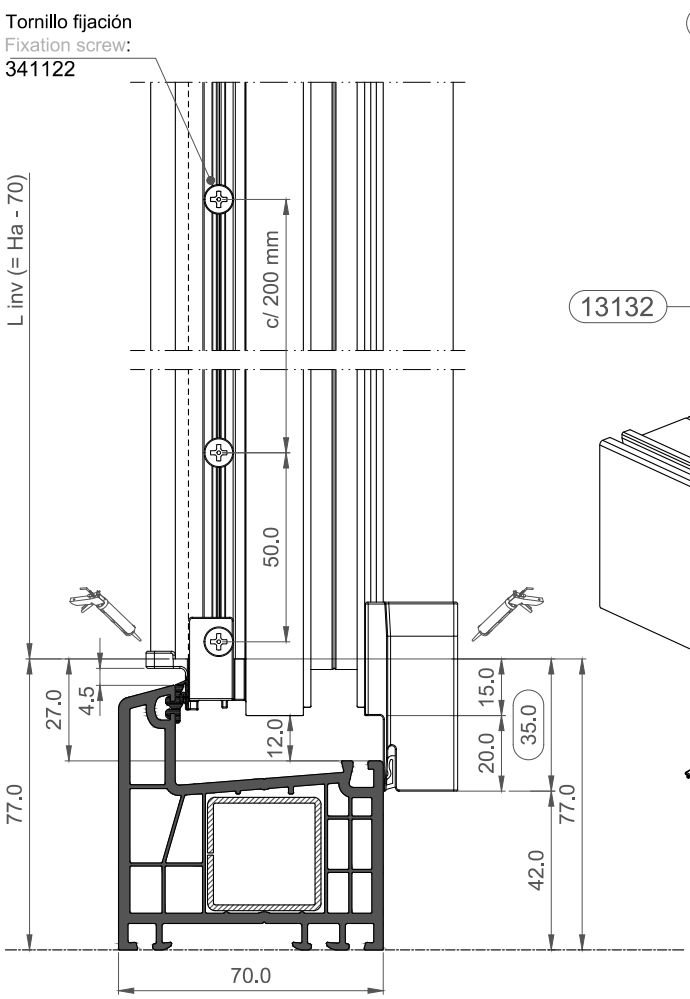
Atornillado de inversora/ Inverter screwing:
①Tornillo/screw ref. 341122, cada/every 200 mm

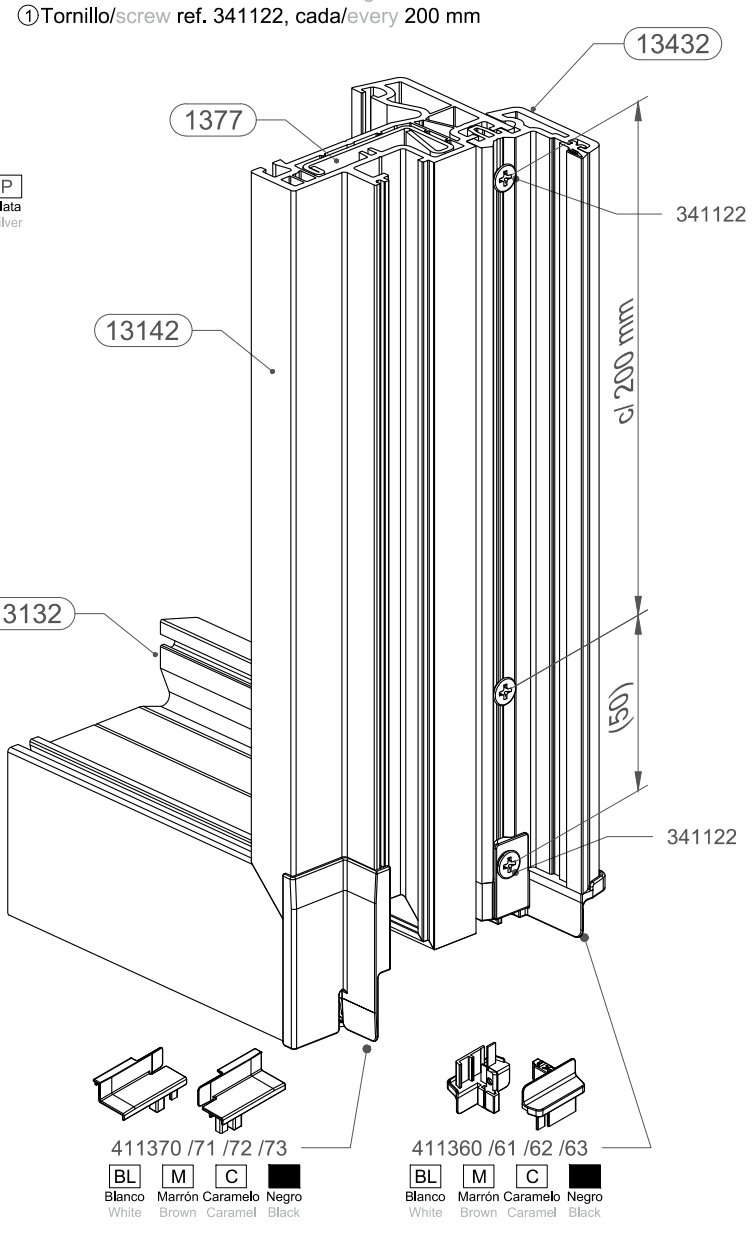
411370 BL /71 M /72 C /73 ■

Juego tapas inversor interior
Inward inverter covers kit

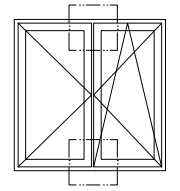


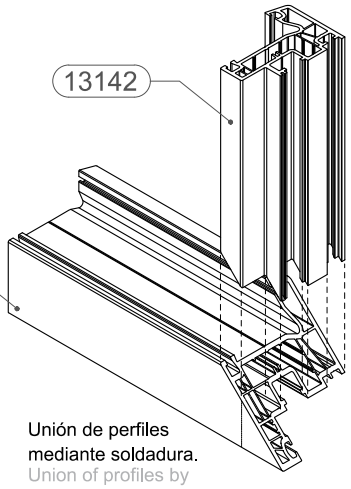
■	■	BL	M	C	P
Negro Black	Gris Grey	Blanco White	Marrón Brown	Caramelo Caramel	Plata Silver



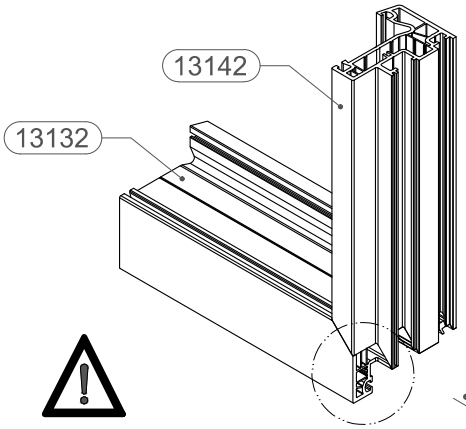


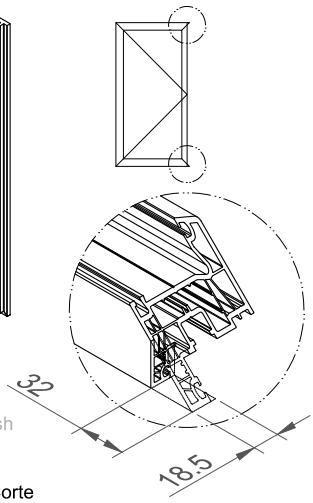
INVERSOR - DESCUENTOS Y MONTAJE - HOJA RECTA REDUCIDA / INVERTER - CUTTING AND ASSEMBLING - REDUCED STRAIGHT SASH



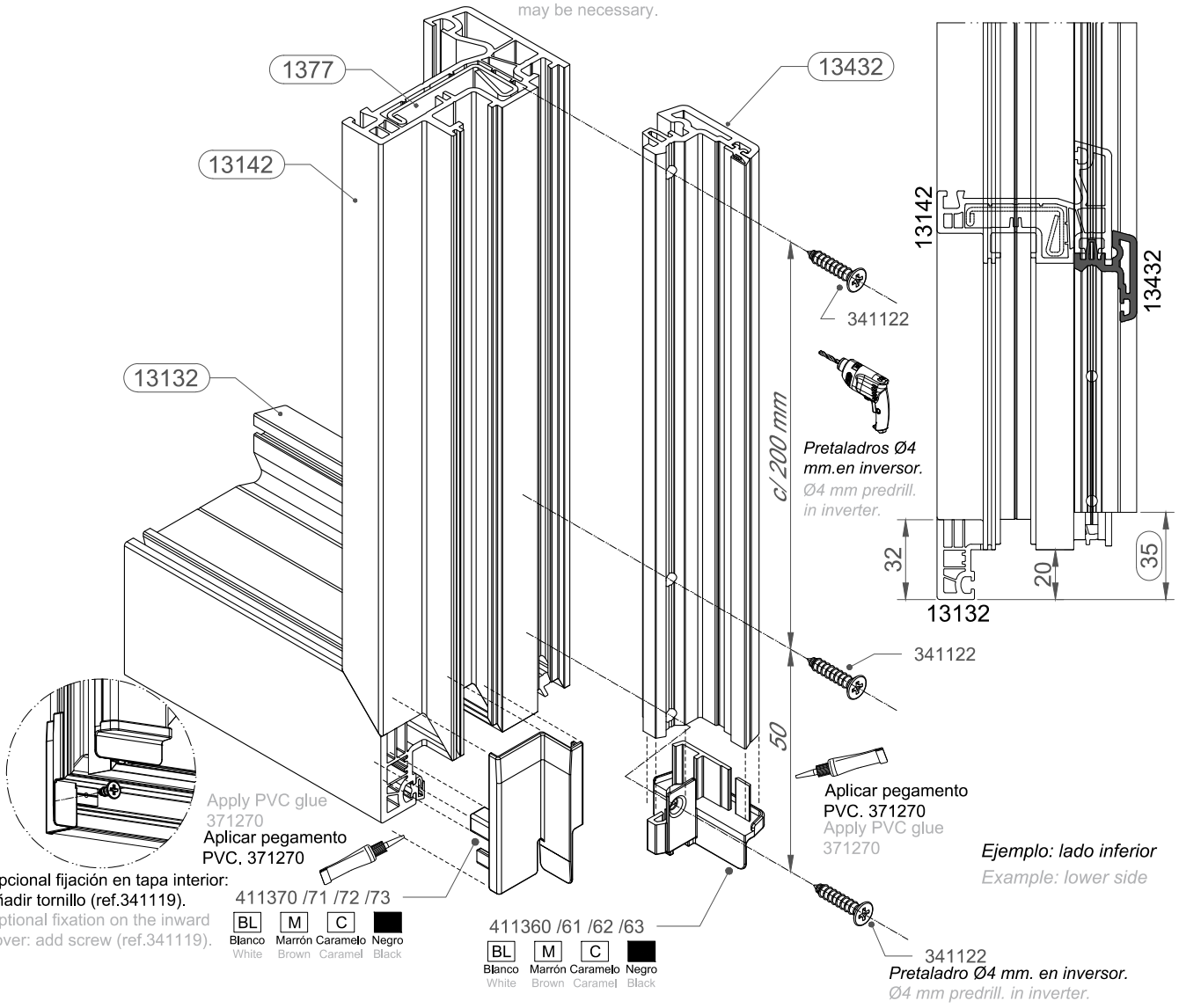


Unión de perfiles mediante soldadura.
Union of profiles by welding.

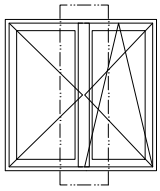




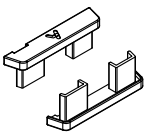
Rebaje interior de la hoja/ Inward cutting of the sash de 32x18.5 mm.
Nota: en la medida de 32 mm. no se incluye la soldadura. El corte enrasa con la hoja inversora. Corte a efectuar después de la unión por soldadura. Puede ser necesaria una limpieza posterior.
Note: in the measure of 32 mm. welding is not included. The cut is flush with the inverting sash. Cut to be made after welding. Subsequent cleaning may be necessary.



MONTAJE MANILLA CENTRADA/ CENTERED HANDLE ASSEMBLING

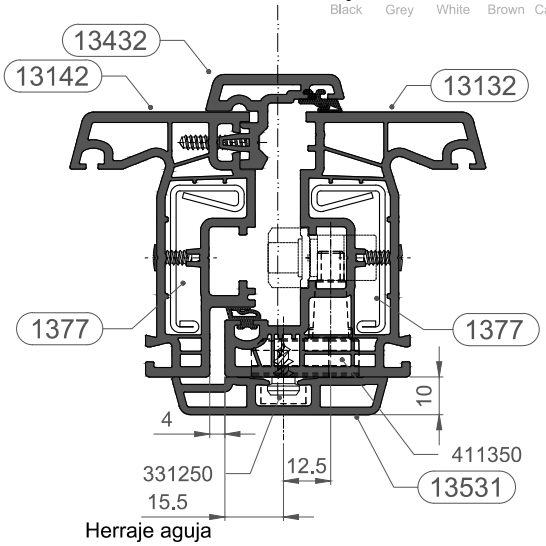


411380 BL /81 M /82 C /83 ■

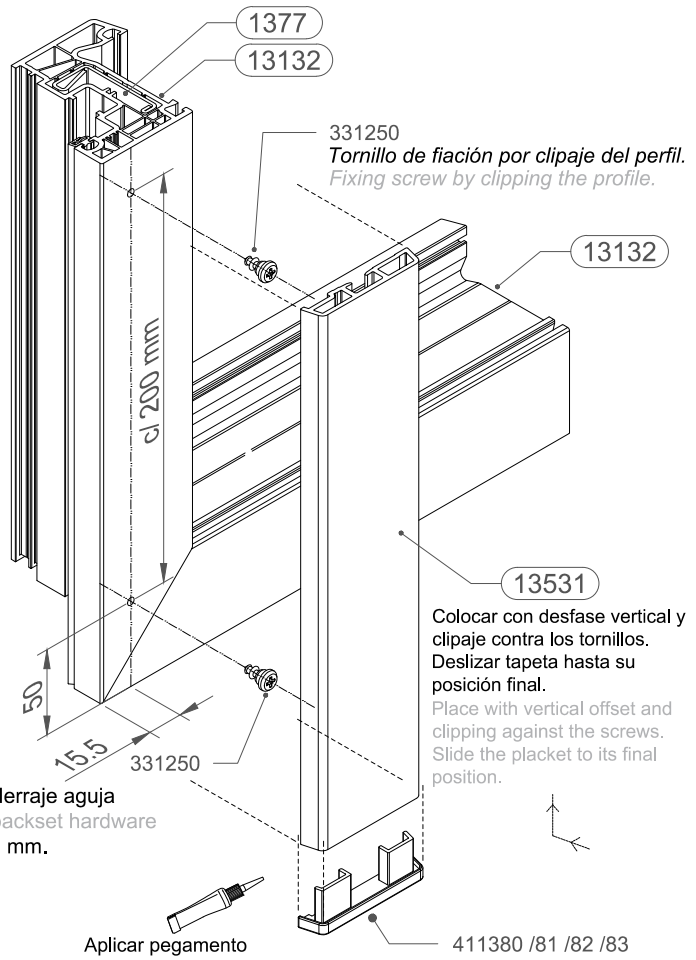


Juego tapas laterales tapeta interior
Inward cap side covers kit

■ Negro Black | ■ Gris Grey | BL Blanco White | M Marrón Brown | C Caramelo Caramel | P Plata Silver



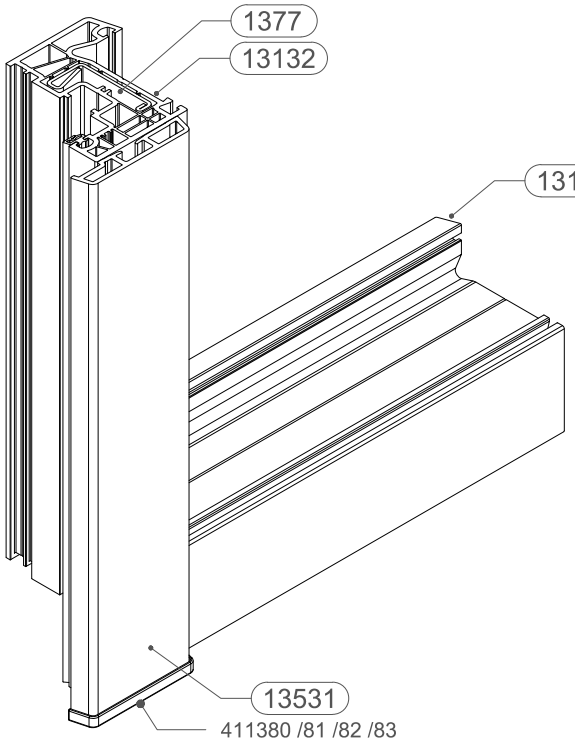
Herraje aguja
backset hardware
8 mm.



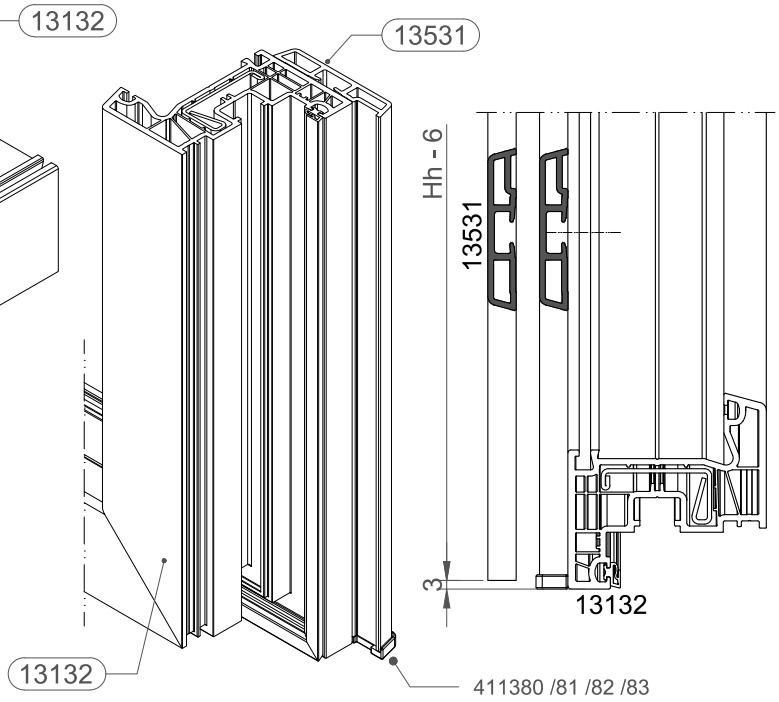
Herraje aguja
backset hardware
8 mm.

Aplicar pegamento PVC, 371270
Apply PVC glue 371270

411380 /81 /82 /83
BL Blanco White | M Marrón Brown | C Caramelo Caramel | ■ Negro Black

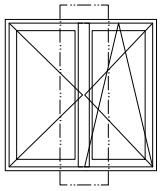


Ejemplo: lado inferior
Example: lower side

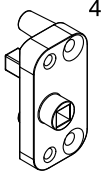


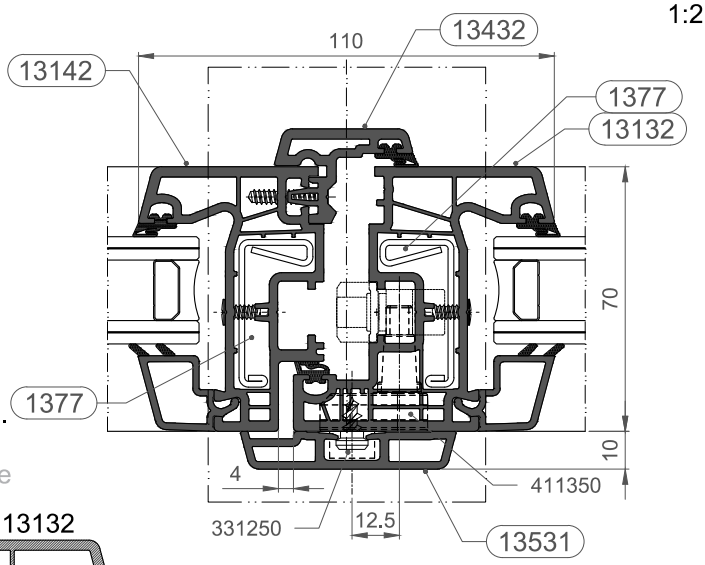
MECANIZADOS EN HOJA RECTA 13132 Y TAPETA MANILLA CENTRADA/ MACHINED IN STRAIGHT BLADE 13132 AND CENTERED HANDLE COVER

1:2



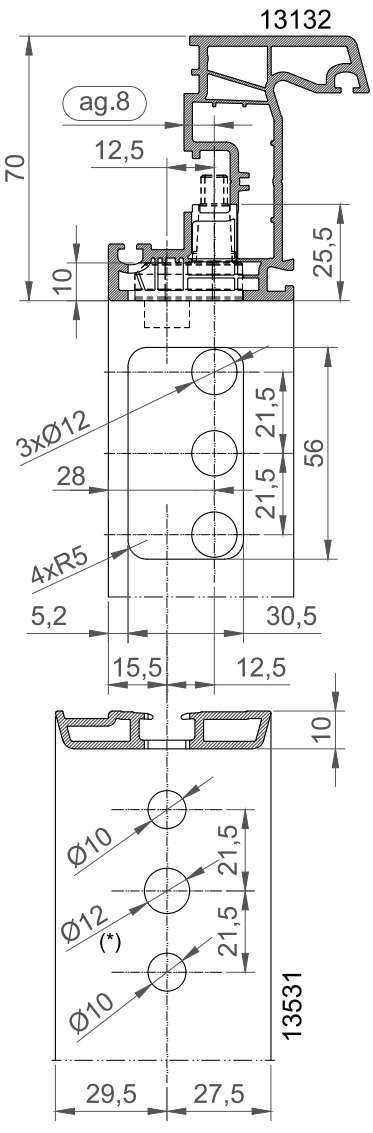
Derivador manilla centrada 12.5
12.5 handle bypass
411350

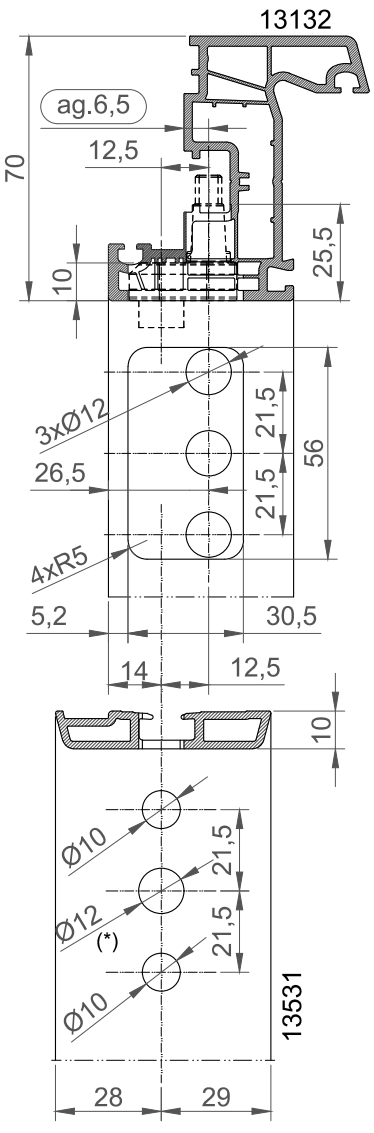


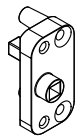


Con herraje de aguja de 8 mm.
With 8 mm backset hardware

Con herraje de aguja de 6.5 mm.
With 6.5 mm backset hardware



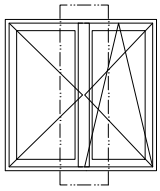


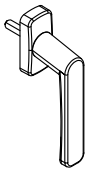


411350

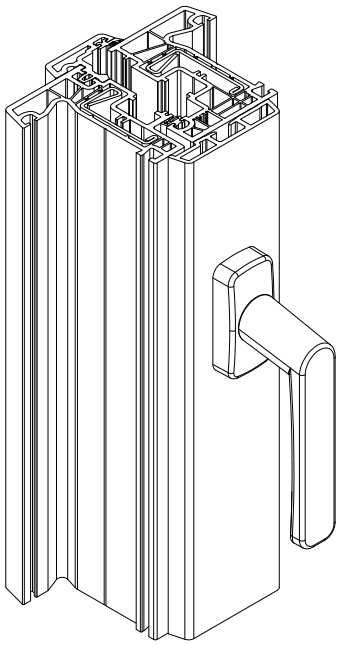
(*)
Al taladro central habilitarle un rasgado solo en la parte interior de las patillas para permitir posicionamiento de la tapeta en el proceso de clipaje contra los tornillos 331250. Nota: puede unirse por el interior los 3 taladros.
For the central hole, make a slit only on the inside of the pins to allow positioning of the cover in the clipping process against the 331250 screws. Note: the 3 holes can be joined from the inside.

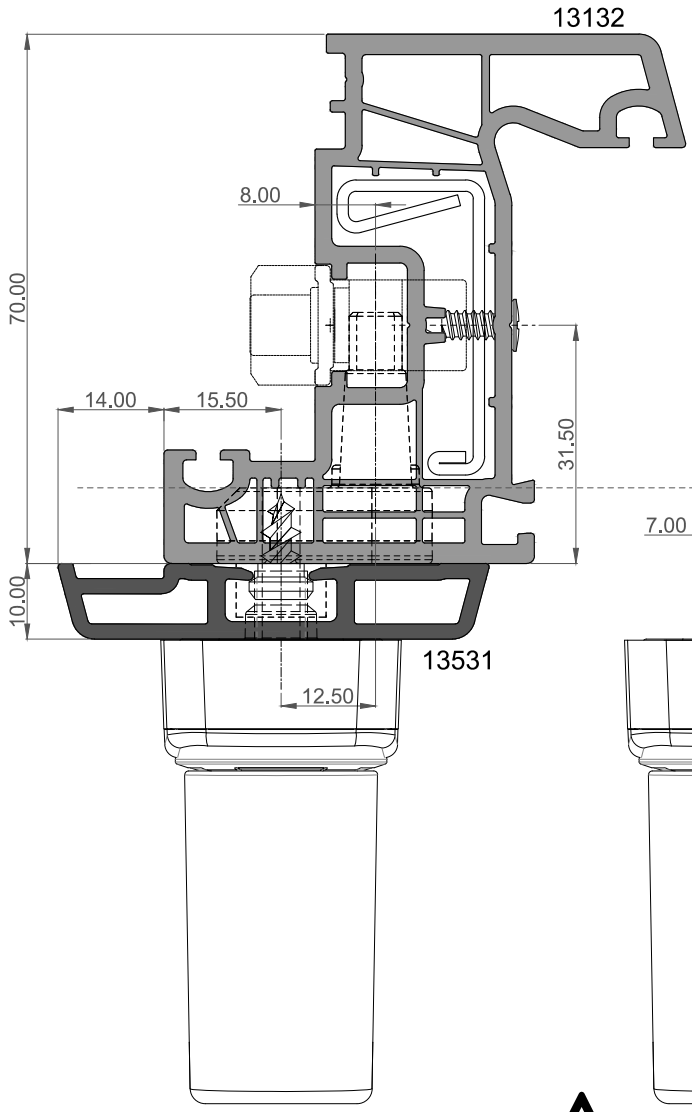
MECANIZADOS EN HOJA RECTA 13132 Y TAPETA MANILLA CENTRADA / MACHINED IN STRAIGHT BLADE 13132 AND CENTERED HANDLE COVER



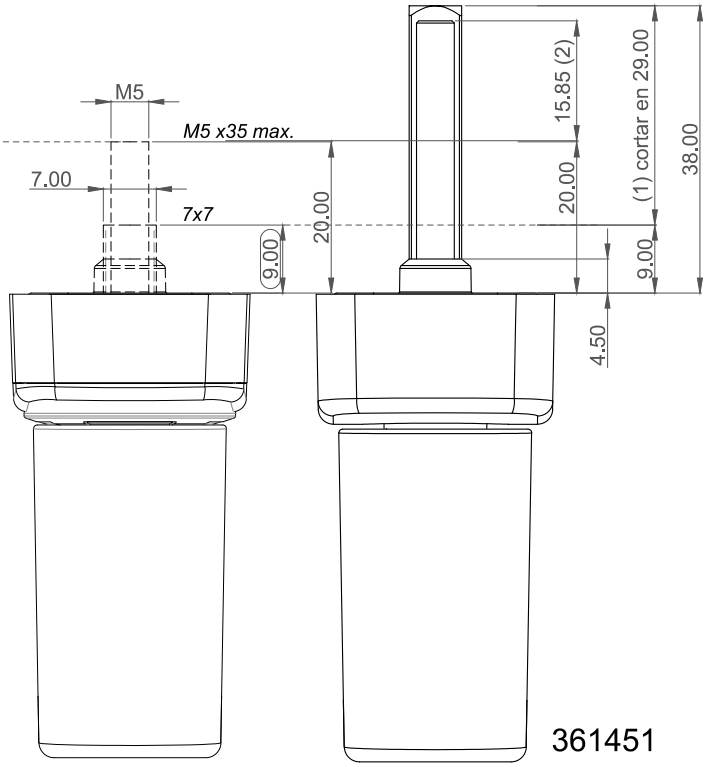


Referencia / Reference
361451 Blanco / White
361452 Negro / Black
361453 Marrón / Brown
361455 Color / Colour
361456 Plata claro / Light silver
361457 Plata oscuro / Dark silver
361458 Lacado inox
Inox powder coating



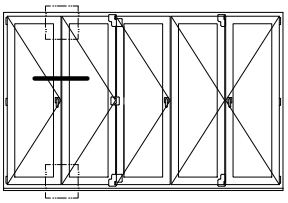


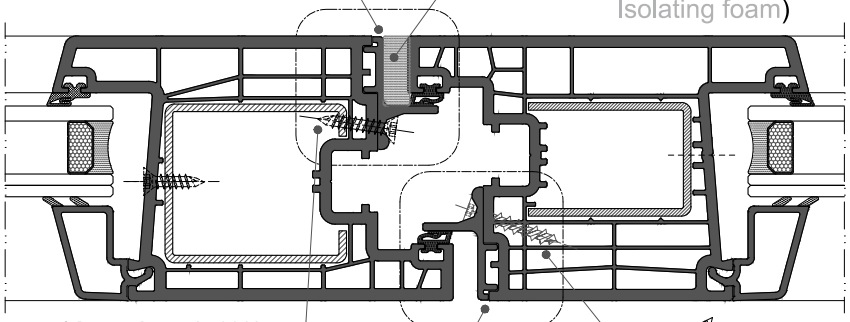
(2) Cortar tornillos en unos 16 mm.
(2) Cut screws by about 16mm.



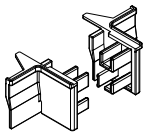
para emplearse las manilla en la solución de manilla centrada deben adaptarse tanto la longitud del cuadradillo (1) como de los tornillos (2).
To use the handles in the centered handle solution, both the length of the square spindle (1) and the screws (2) must be adapted.

APERTURA PLEGABLE - BATIENTE HOJAS PLEGABLES - BI-FOLD OPENING - DETAILS SASH

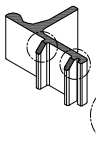




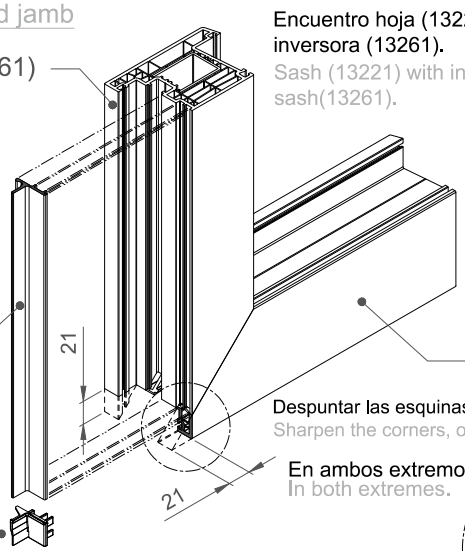
TAPAS PERFIL (1344) - Batiente Interior
PROFILE COVER (1344) - Inward jamb



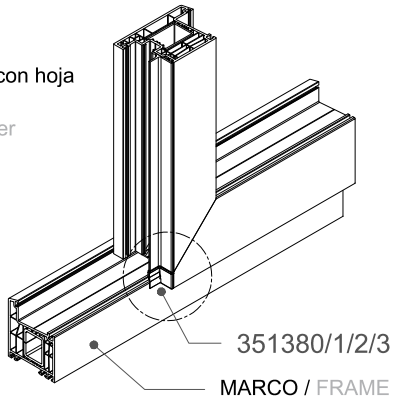
351380 BL /81 M /82 C /83■
Juego tapas laterales batiente plegable
Side covers kit for bi-fold jamb
UNIÓN PEGADA Y SELLADA.
GLUED AND SEALED



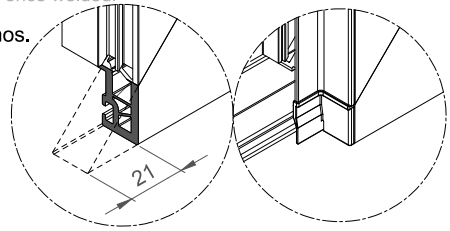
Corte recto. Despuntar los nervios en los extremos.
Straight cut. Trim the nerves at the ends.



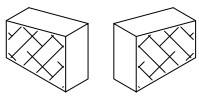
Encuentro hoja (13221) con hoja inversora (13261).
Sash (13221) with inverter sash(13261).



Despuntar las esquinas, una vez soldada.
Sharpen the corners, once welded.
En ambos extremos.
In both extremes.



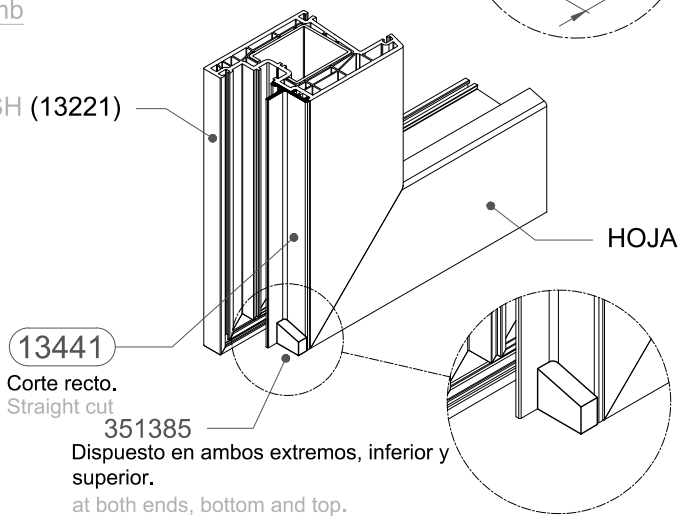
ESPUMA AISLANTE - Batiente Exterior
ISOLATING FOAM - Outward jamb



HOJA / SASH (13221)

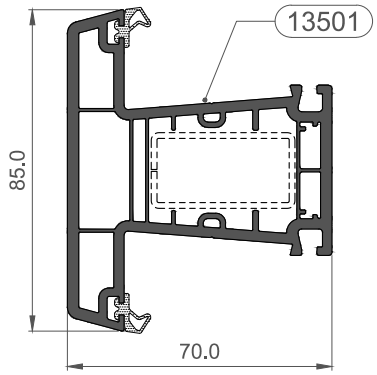
351385
Juego cinta aislante batiente exterior
Outward jamb isolating foam kit

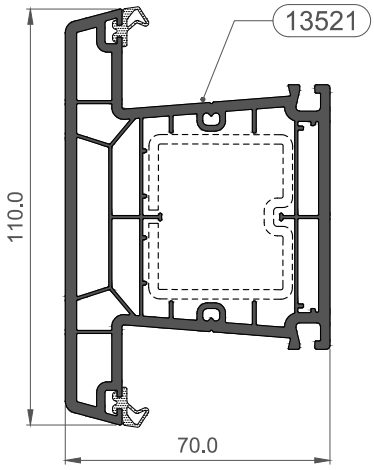
Nota:
En pareja 1+1. Color negro.
Una cara adhesiva.
Note:
In pair 1+1. black colour.
One sticky face.

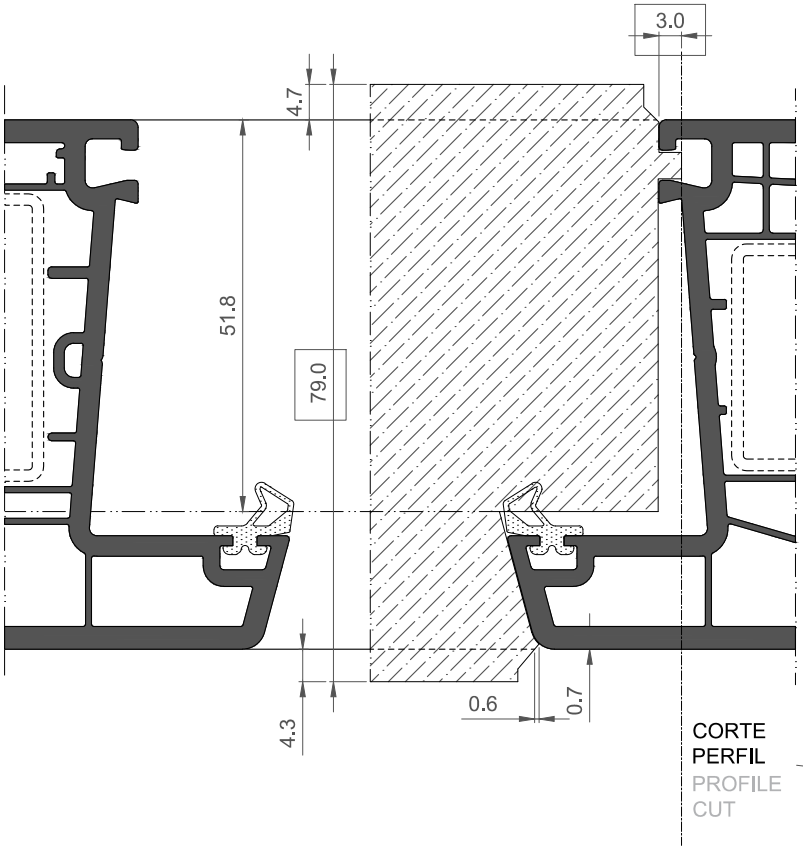


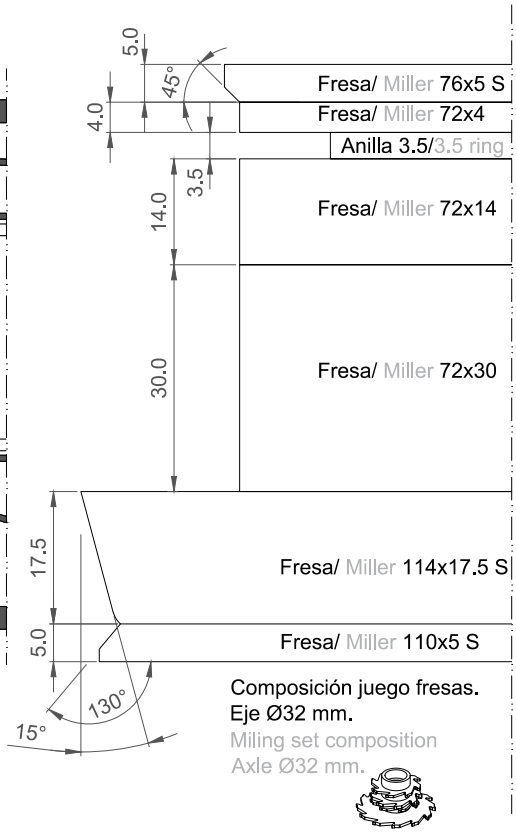
JUEGO DE FRESAS - RETESTADO DE TRAVESAÑOS / MILLING SET - TRANSOMS MACHINING

331390

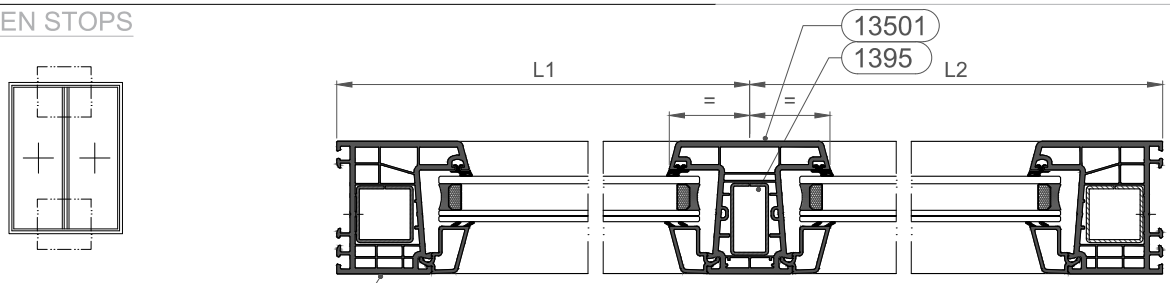








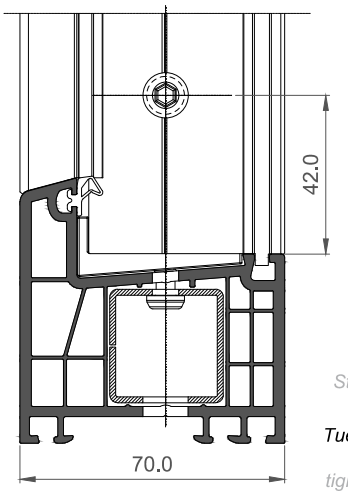
DIVISIÓN CON TRAVESAÑO - UNIÓN CON TOPES OCULTOS / DIVISION WITH TRANSOM - DETAIL WITH HIDDEN STOPS 1:4

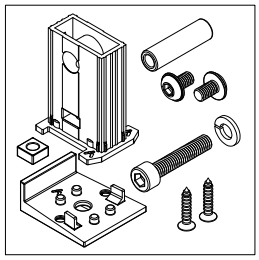


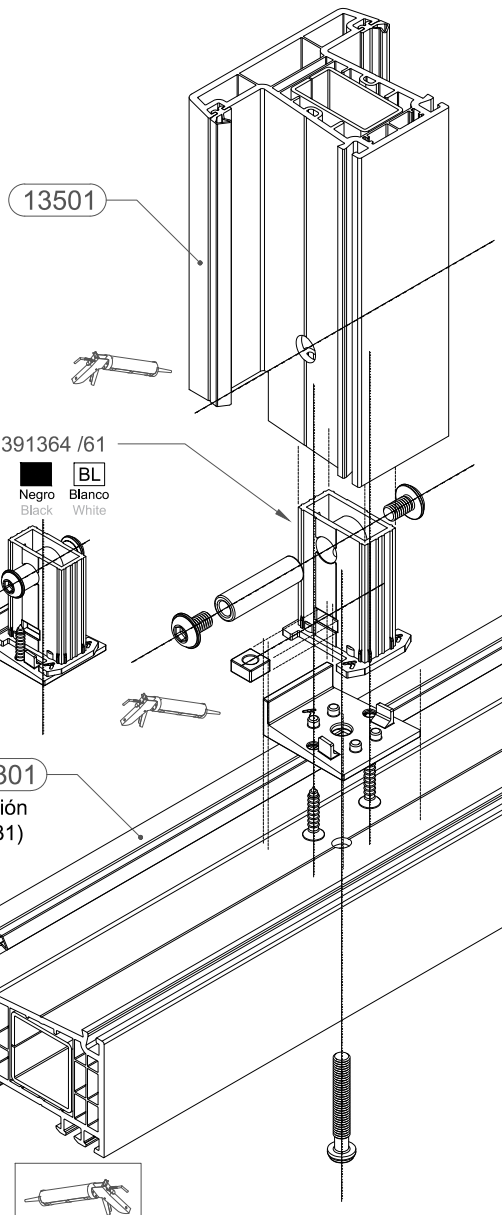
13301
(opción
13331)

Tope oculto travesaño A70
A70 transom hidden stopper
ref.: 391361/62/63/64

BL Blanco White | M Marrón Brown | C Caramelo Caramel | Negro Black







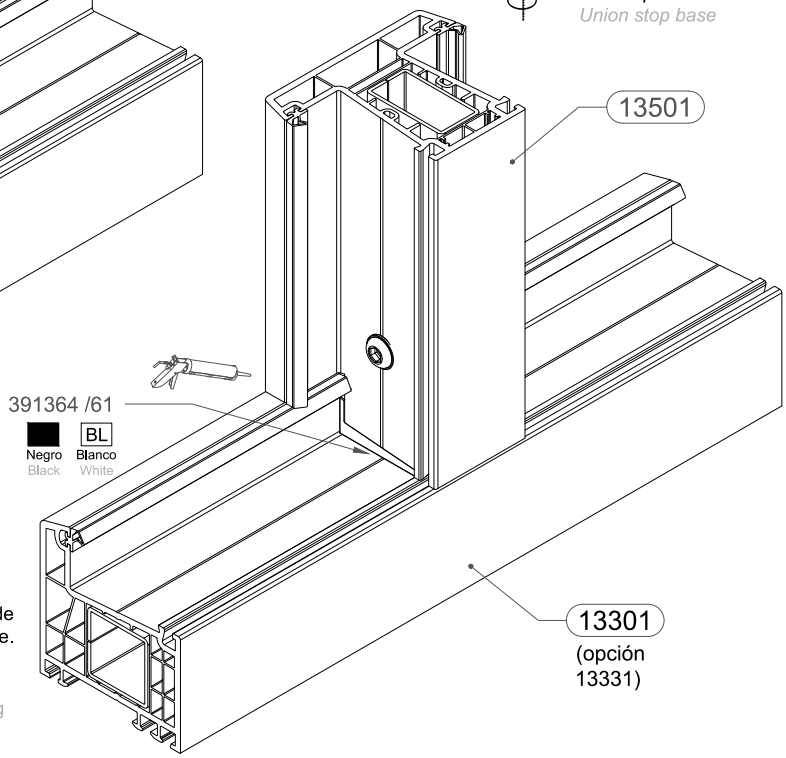
Tope
Stopper

casquillo tiro tope
butt cap

Tuerca de apriete
tightening nut
(insertada en tope)
(inserted at the stop)

Tornillo de apriete + arandela
Tightening screw + washer

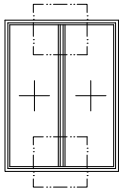
Base tope unión
Union stop base



Nota:
El sellado adicional con silicona, se realizará antes de la fijación de los topes o el tapón. Posteriormente acometer un sellado de cierre.
Sellado en ambos lados.

Note:
The additional sealing with silicone will be carried out before fixing the stops or the cap. Subsequently undertake a closing seal.
Sealed on both sides.

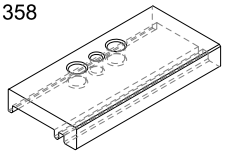
DIVISIÓN CON TRAVESAÑO - UNIÓN CON TOPES OCULTOS / DIVISION WITH TRANSOM - DETAIL WITH HIDDEN STOPS



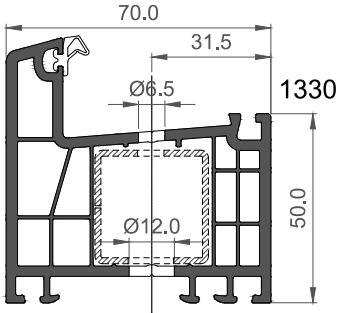
Tope oculto travesaño A70
A70 transom hidden stopper
ref.: 391361/62/63/64

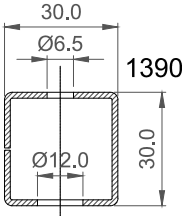
BL Blanco White · M Marrón Brown · C Caramelo Caramel · Negro Black

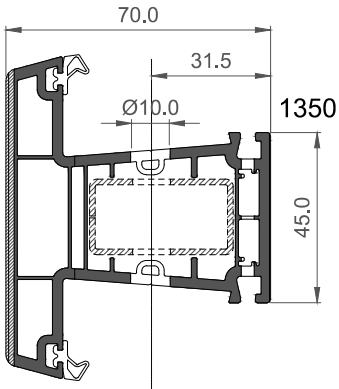
PLANTILLA/ TEMPLATE
391358

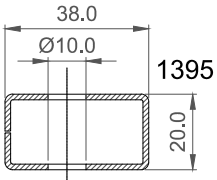


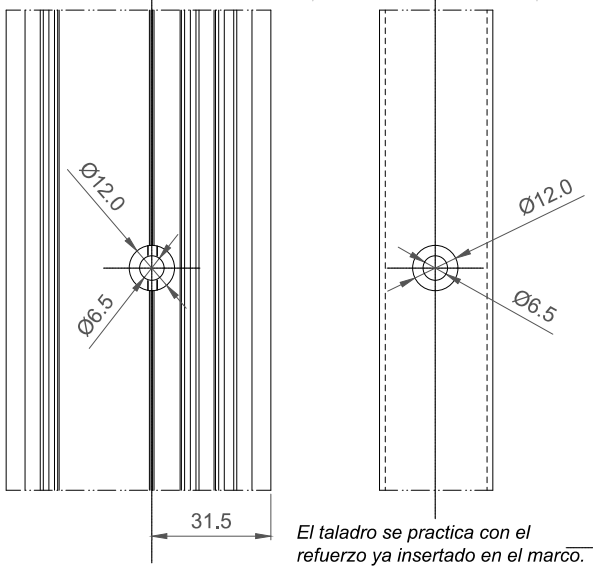
MECANIZADOS TOPES OCULTOS
HIDDEN STOPS MACHINED

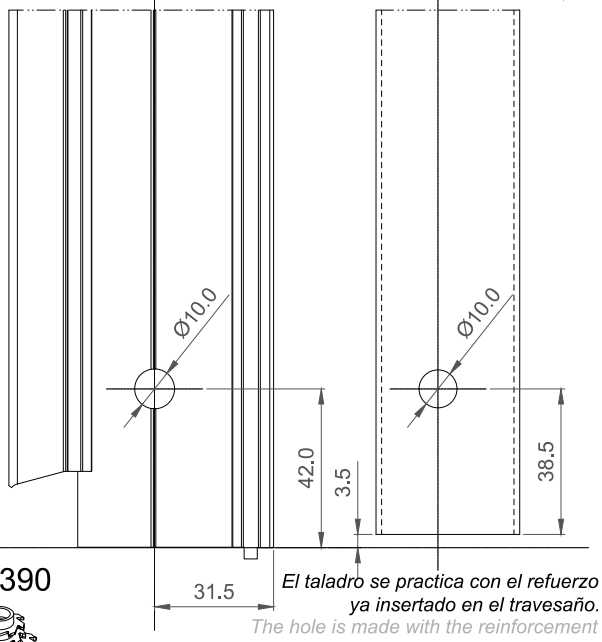












El taladro se practica con el refuerzo ya insertado en el marco.
The hole is made with the reinforcement already inserted in the frame.

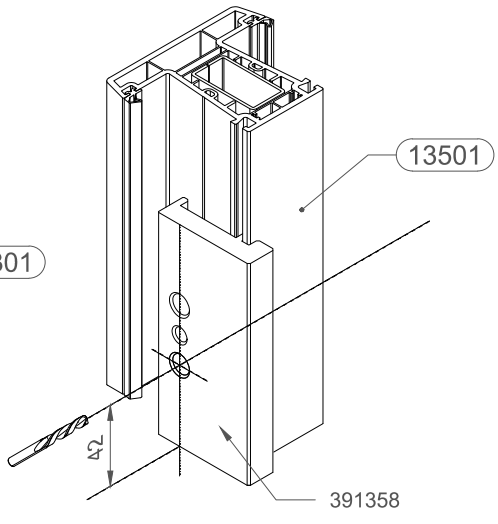
331390



El taladro se practica con el refuerzo ya insertado en el travesaño.
The hole is made with the reinforcement already inserted in the transom.

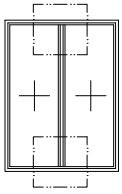
Corte de la junta exterior en su interferencia con el travesaño 13501 (unos 45 mm)
Cut of the exterior gasket in its interference with the transom 13501 (about 45mm)

Aprovechar el taladro guiado de Ø6.5 mm para abrir Ø12 mm.
Take advantage of the Ø6.5 mm guided drill to open Ø12 mm.

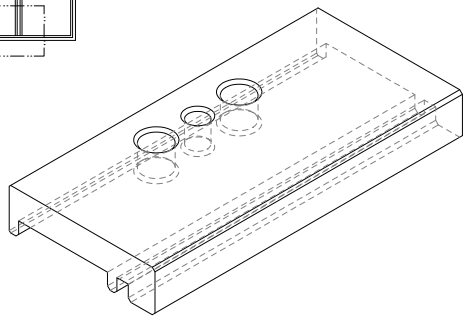


SUJECIÓN AL PERFIL DE PVC-U MEDIANTE UNA MORDAZA O SARGENTO.
FASTENING TO THE PVC-U PROFILE BY MEANS OF A CLAMP OR CLAMP.

DIVISIÓN CON TRAVESAÑO - UNIÓN CON TOPES OCULTOS / DIVISION WITH TRANSOM - DETAIL WITH HIDDEN STOPS



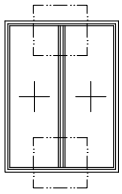
PLANTILLA/ TEMPLATE
391358

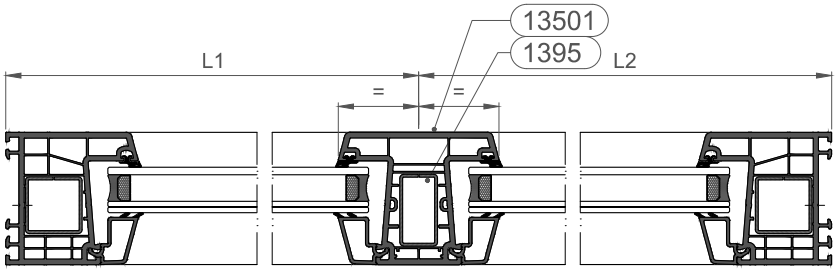


Plantilla de acero (A552).
Con tratamiento anti-corrosión.
Steel template (A552).
With anti-corrosion treatment.

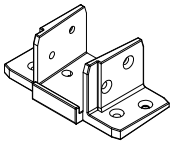
DIVISIÓN CON TRAVESAÑO - UNIÓN CON TOPES / DIVISION WITH TRANSOM - DETAIL WITH STOPS

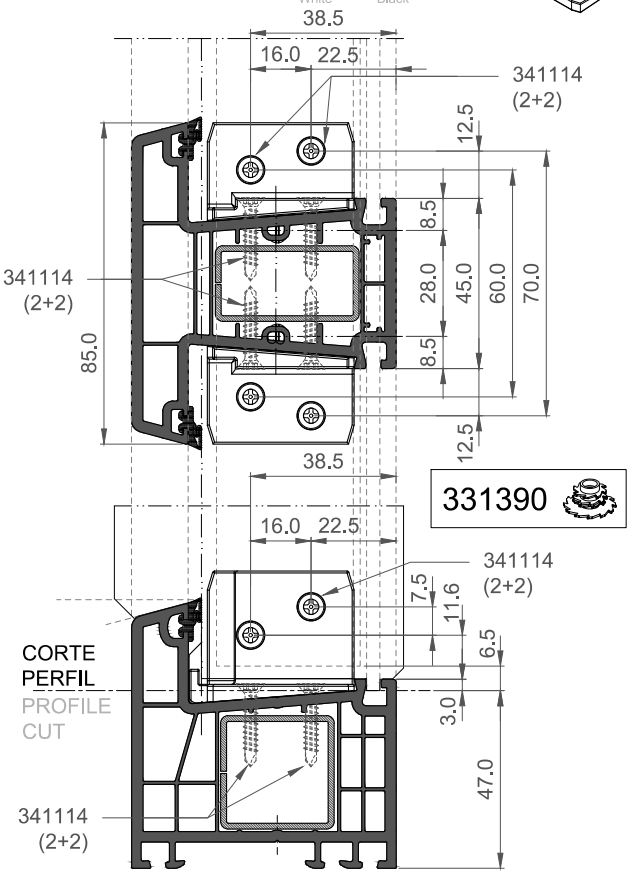
1:4



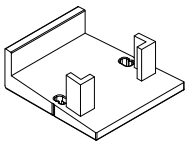


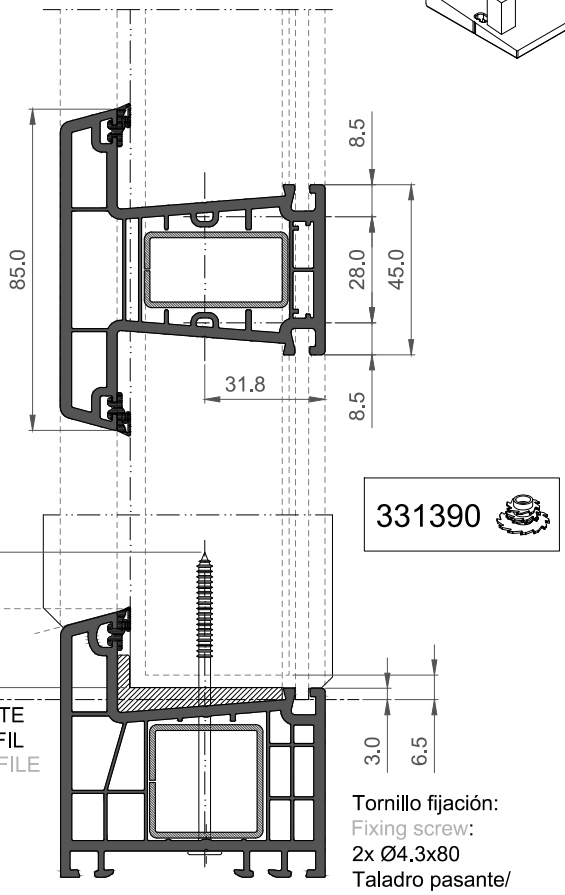
Travesaño retestado con Tope
Transom metal stopper
Tope metálico/metal stop ref.: 341350
411341 BL / 42
Blanco White
Negro Black





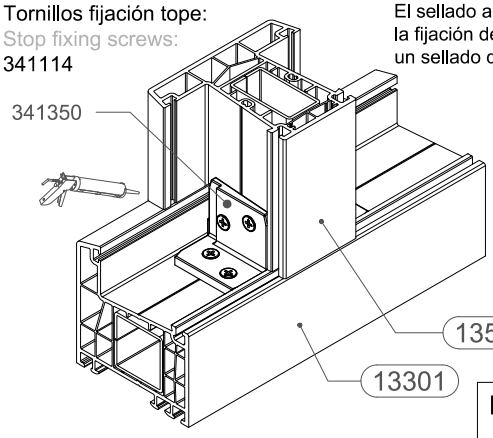
Travesaño retestado y atornillado/ Transom hidden stopper
Tapón asiento/seat cap ref.: 331352 /53
Negro Black
BL Blanco White





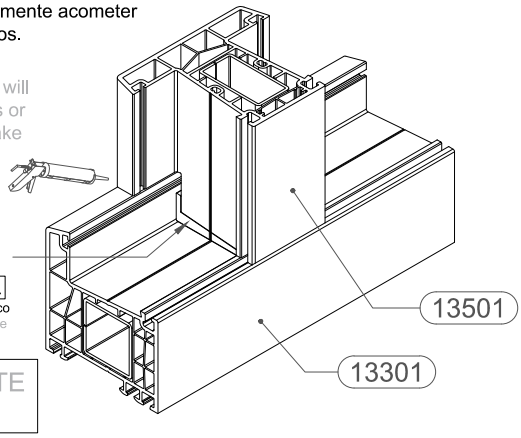
Tornillo fijación:
Fixing screw:
2x Ø4.3x80
Taladro pasante/
Through hole Ø5 mm.

Tornillos fijación tope:
Stop fixing screws:
341114



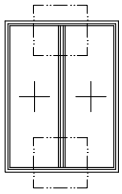
Nota:
El sellado adicional mediante silicona, se realizará antes de la fijación de los topes o el tapón. Posteriormente acometer un sellado de cierre. Sellado en ambos lados.

Note:
The additional silicone sealing will be done before fixing the stops or the cap. Subsequently undertake a closing seal.
Sealed on both sides.

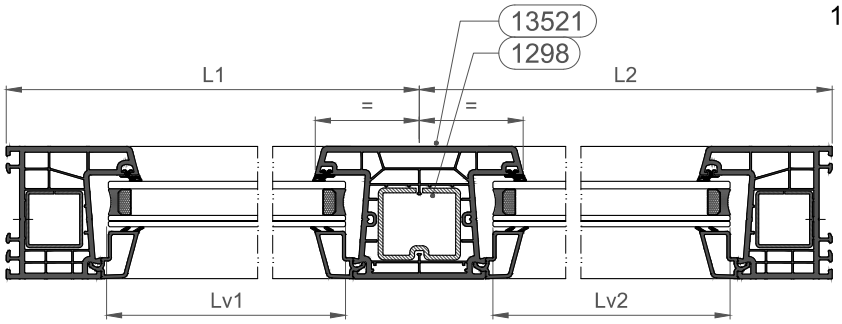


PLANTILLA/ TEMPLATE
351358

DIVISIÓN CON TRAVESAÑO ANCHO - TOPE METÁLICO/ DIVISION WITH WIDE TRANSOM - METALIC STOP



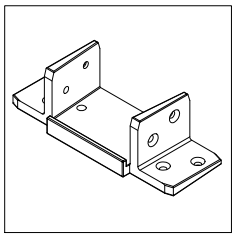
1:4



Travesaño retestado con Tope
Transom metal stopper

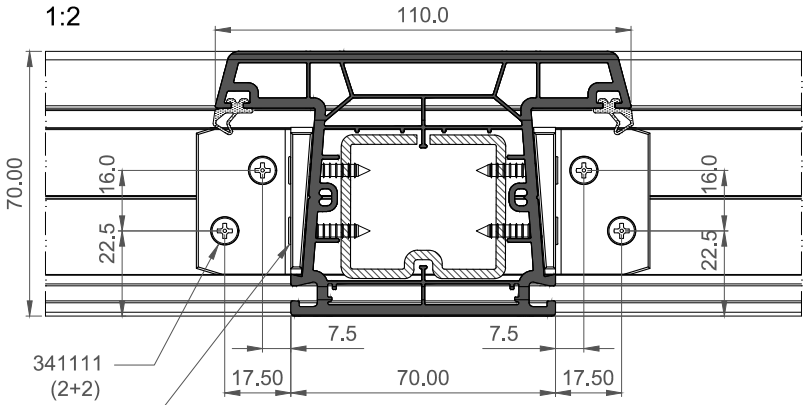
Tope metálico/metal stop ref.: 361350

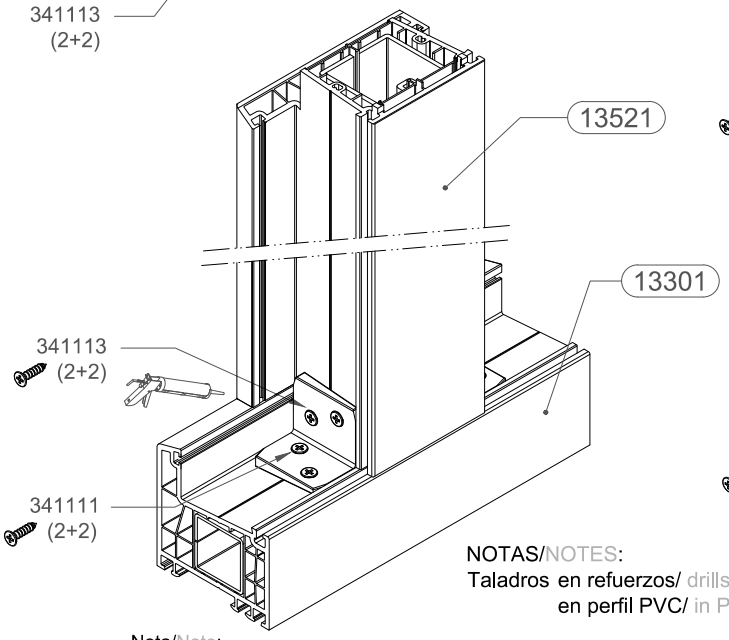
411345 BL / 46 ■
Blanco White — Negro Black

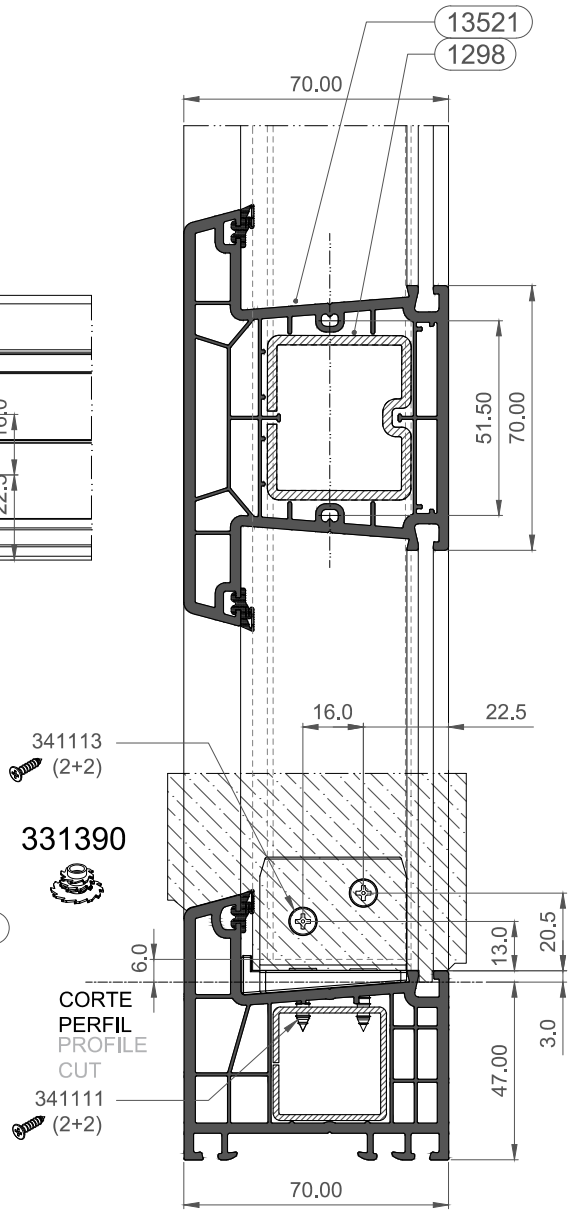


PLANTILLA/ TEMPLATE
351358

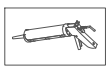
1:2





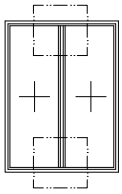


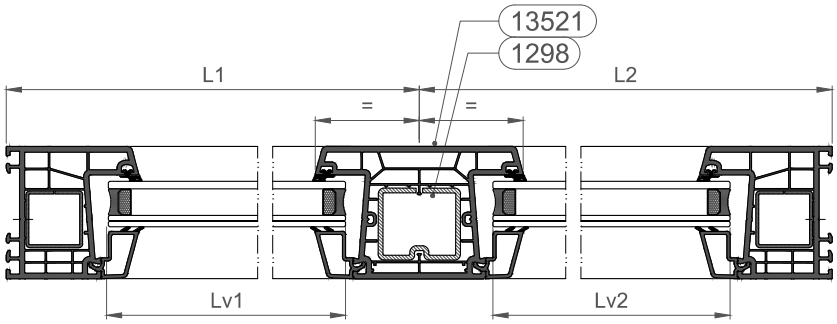
NOTAS/NOTES:
Taladros en refuerzos/ drills in reinforcements = Ø 3 mm.
en perfil PVC/ in PVC profile = Ø 4.5 mm.



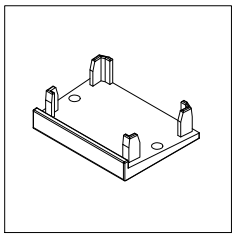
Nota/Note:
El sellado adicional mediante silicona, se realizará antes de la fijación de los topes o el tapón. Posteriormente acometer un sellado de cierre. Sellado en ambos lados. The additional sealing with silicone will be carried out before fixing the stops or the cap. Subsequently undertake a closing seal. Sealed on both sides.

DIVISIÓN CON TRAVESAÑO ANCHO - TOPE OCULTO/ DIVISION WITH WIDE TRANSOM - HIDDEN STOP 1:4





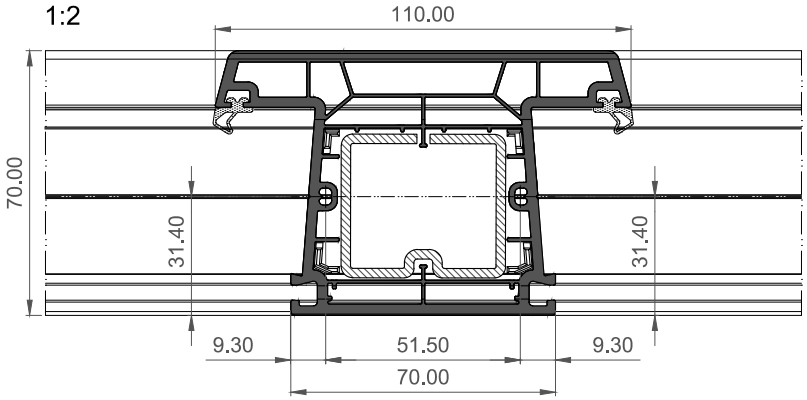
Travesaño retestado y atornillado
Wide transom hidden stopper
Tapón asiento/seat cap ref.: 361352 /53

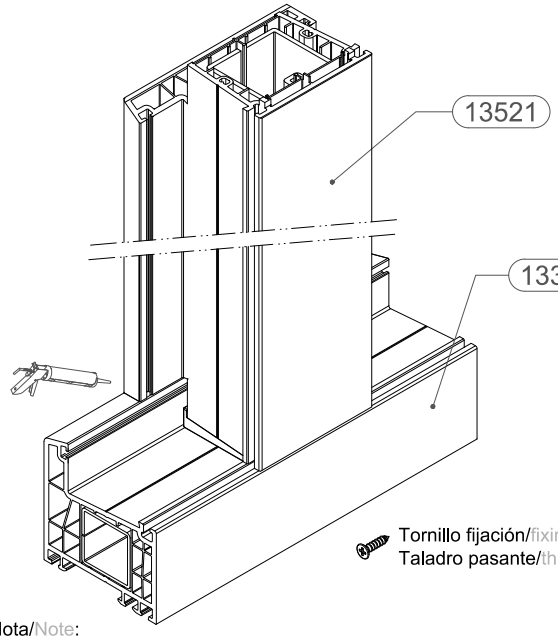


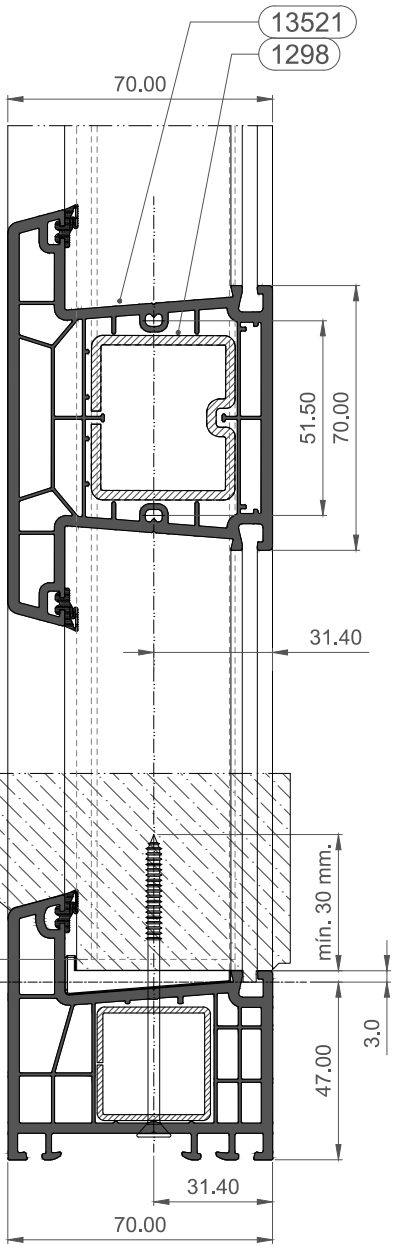
Negro Black | BL Blanco White

PLANTILLA/ TEMPLATE
351358

1:2



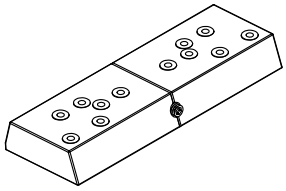




Tornillo fijación/fixing screw: 2x Ø4.3x80
Taladro pasante/through hole Ø5 mm.

Nota/Note:
El sellado adicional mediante silicona, se realizará antes de la fijación de los topes o el tapón. Posteriormente acometer un sellado de cierre. Sellado en ambos lados. The additional sealing with silicone will be carried out before fixing the stops or the cap. Subsequently undertake a closing seal. Sealed on both sides.

PLANTILLA FIJACIÓN DE TOPES/ TEMPLATE FIXING STOPS

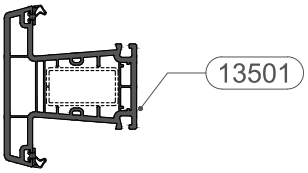


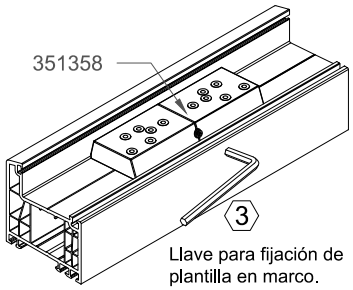
PLANTILLA/ TEMPLATE
351358

Nota/ Note:
Guiado broca para fijación topes travesaños 13501 y 13521; tope oculto y metálico.
Drill guide for fastening transom stops 13501 and 13521; hidden metal stopper.

Travesaño/transom 13501
Topes/stop metálico/ metalic 341350
oculto/ hidden 331352 /53

Negro Black ■ BL Blanco White

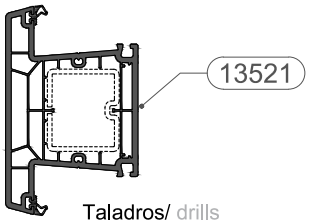


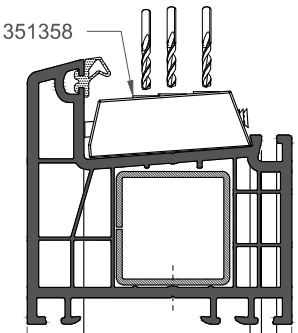


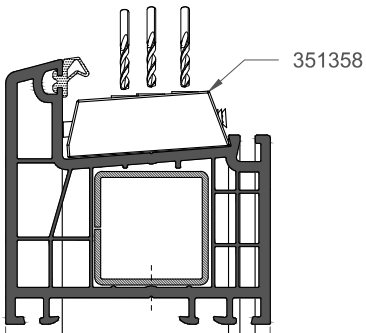
Llave para fijación de plantilla en marco.
Wrench for fixing template in frame.

Travesaño/transom 13521
Topes/stop metálico/ metalic 361350
oculto/ hidden 361352 /53

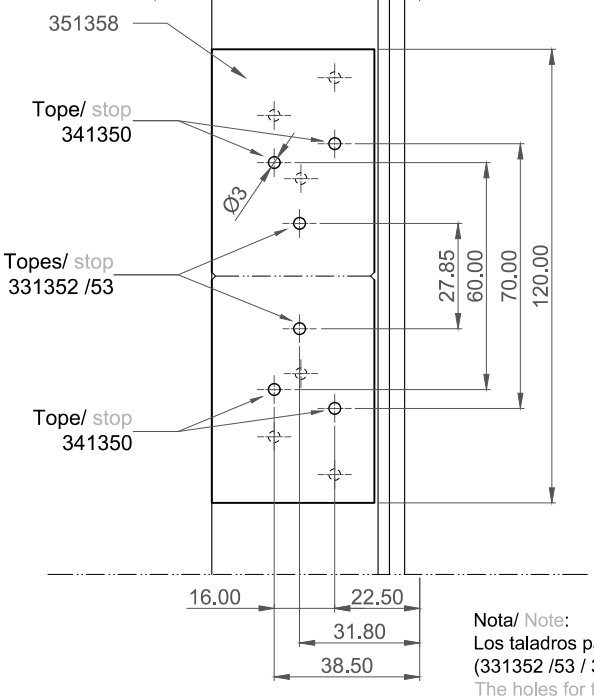
Negro Black ■ BL Blanco White

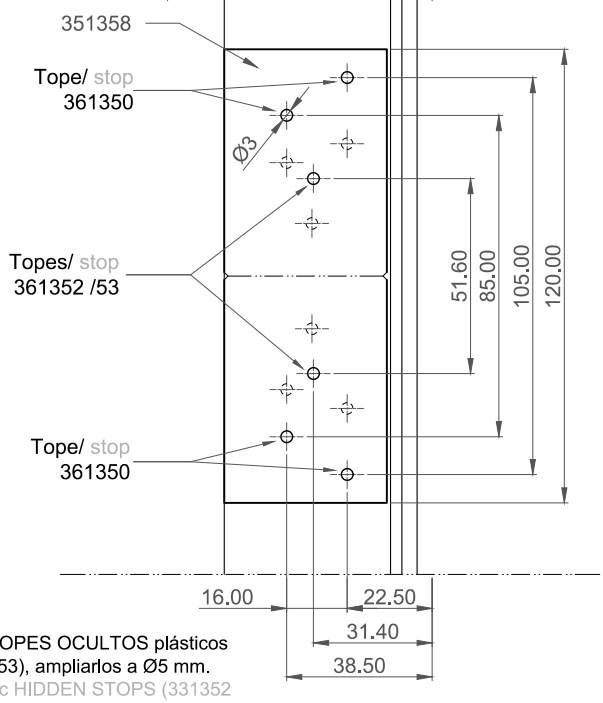






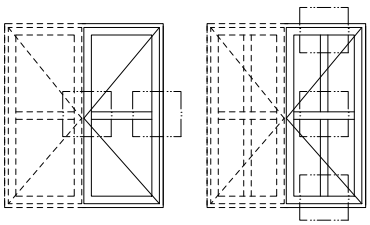
Deben practicarse los taladros que correspondan según el tope que se emplee.
The corresponding holes must be drilled according to the stop used.

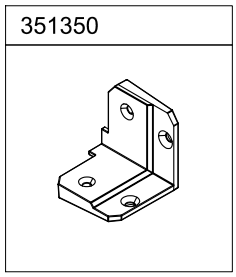


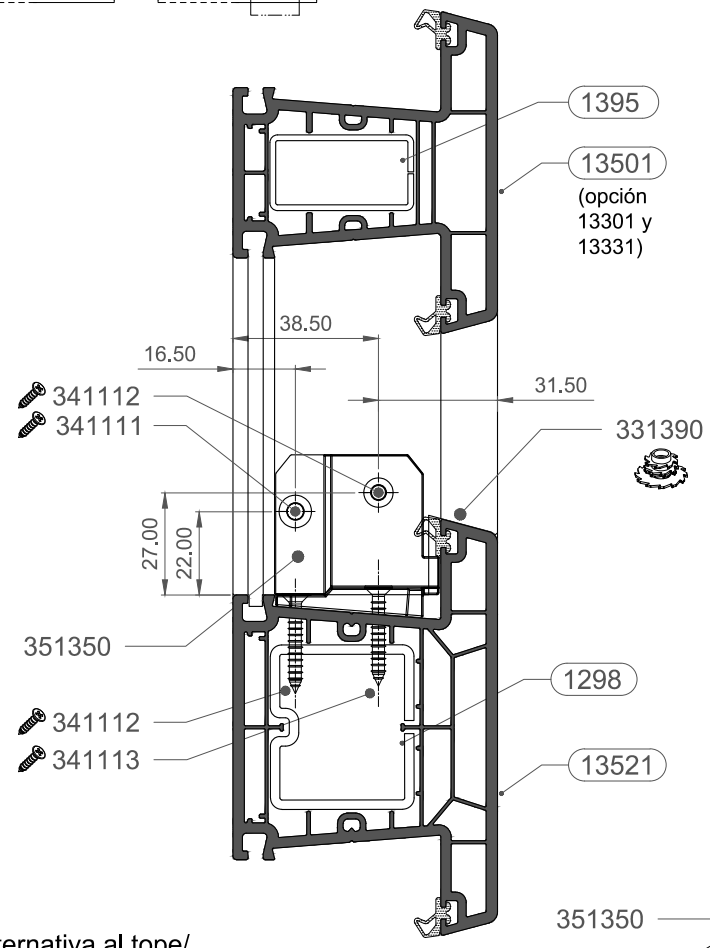


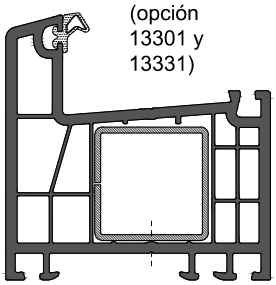
Nota/ Note:
Los taladros para los TOPES OCULTOS plásticos (331352 /53 / 361352 /53), ampliarlos a Ø5 mm.
The holes for the plastic HIDDEN STOPS (331352 /53 / 361352 /53), enlarge them to Ø5 mm.

ENCUENTRO TRAVESAÑO ANCHO CON TRAVESAÑO / DETAIL WIDE TRANSOM WITH TRANSOM

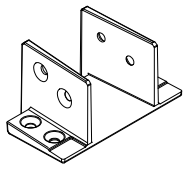


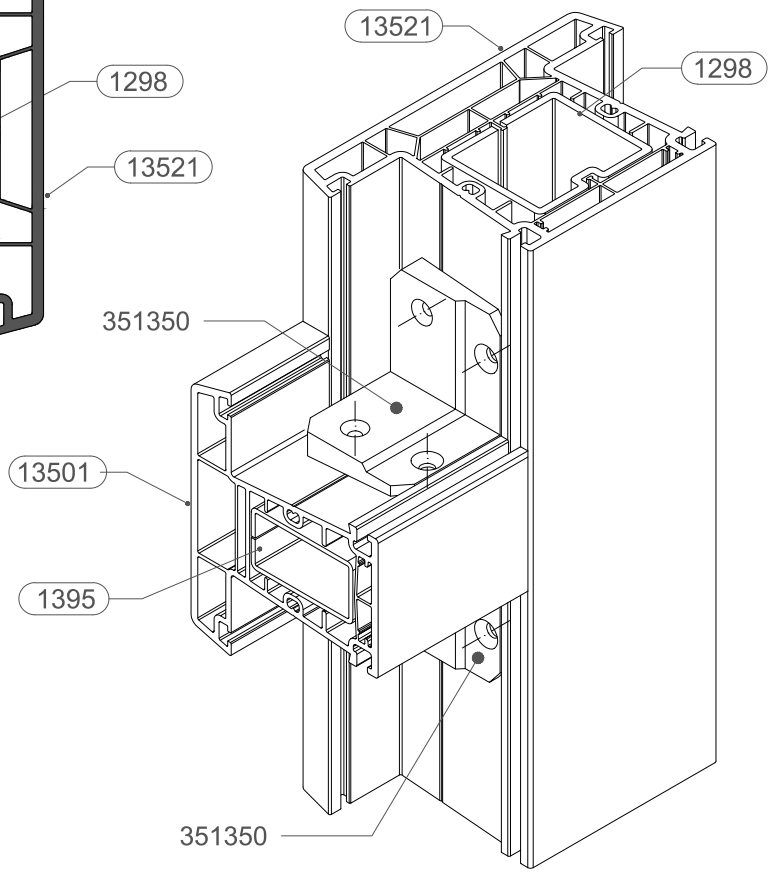


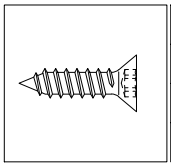




Alternativa al tope/
Alternative to the stop
ref.: 341350 (13501)
361350 (13521)

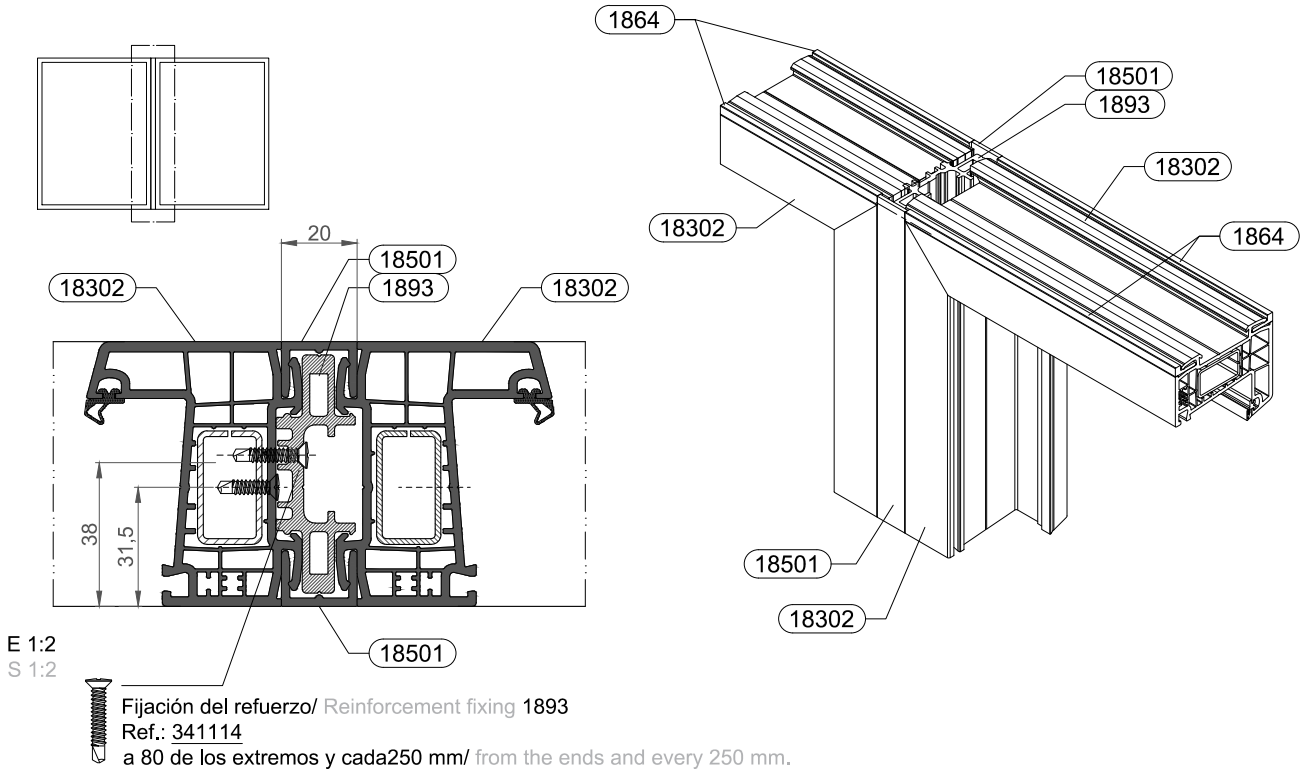




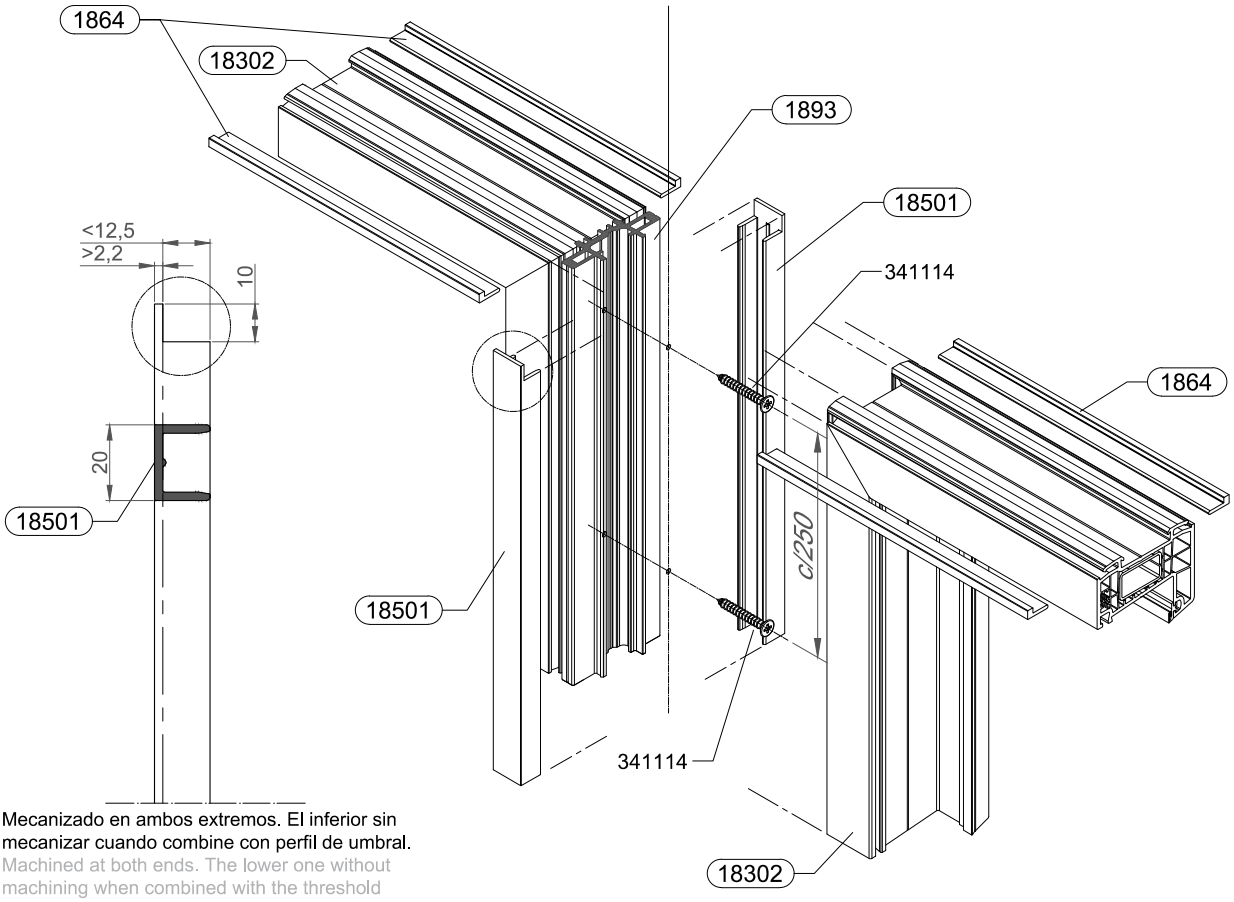


341111	Taladro/drill Ø3 mm
341112	Taladro/drill Ø3 mm
341113	Taladro/drill Ø3 mm
341115	Taladro/drill Ø3 mm

UNIÓN DE MARCOS CON ENGANCHE/ JOINT OF FRAMES WITH HOOK (18501)

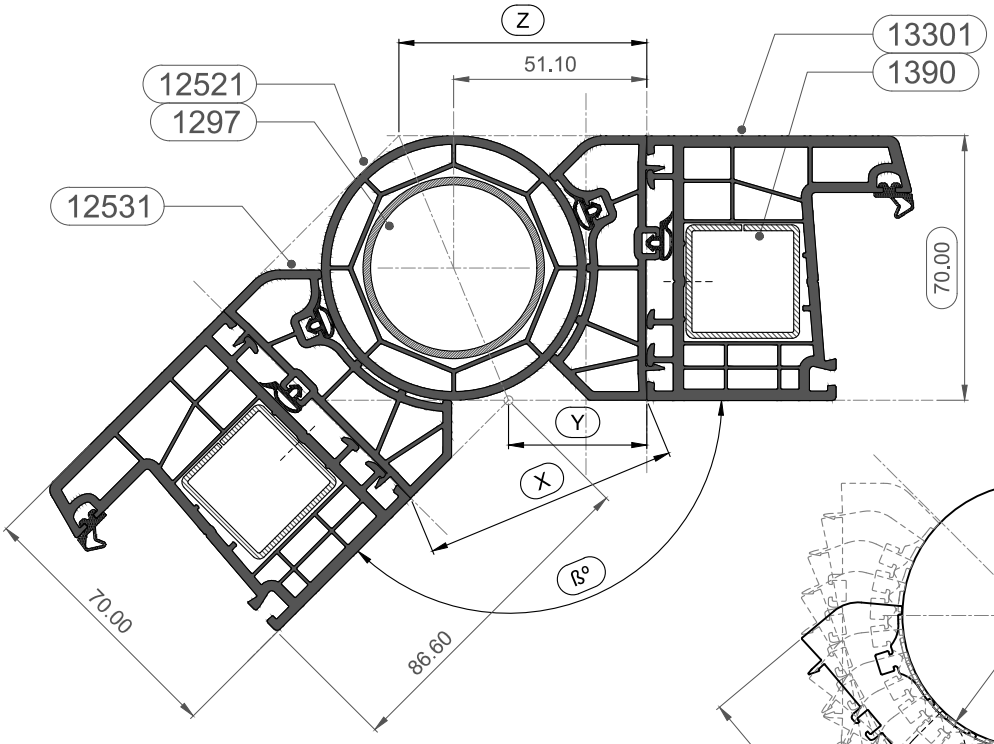


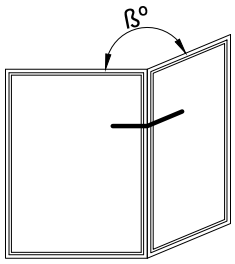
Fijación del refuerzo/ Reinforcement fixing 1893
Ref.: 341114
a 80 de los extremos y cada250 mm/ from the ends and every 250 mm.



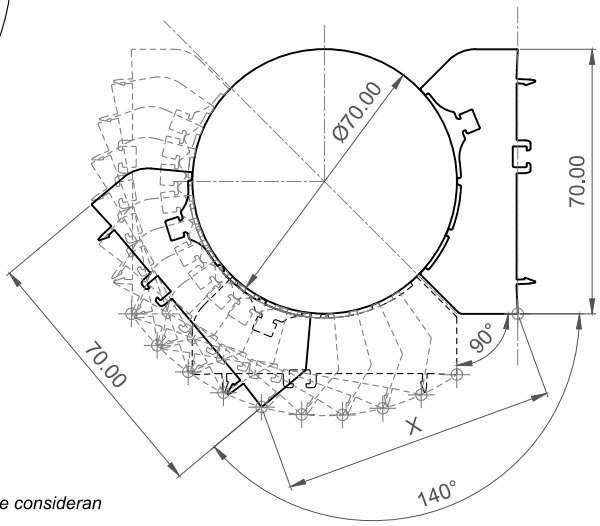
Mecanizado en ambos extremos. El inferior sin mecanizar cuando combine con perfil de umbral.
Machined at both ends. The lower one without machining when combined with the threshold profile.

MONTAJE ESQUINERO REGULABLE / ADJUSTABLE CORNER ASSEMBLING





90º ≤ ß º ≤ 180º

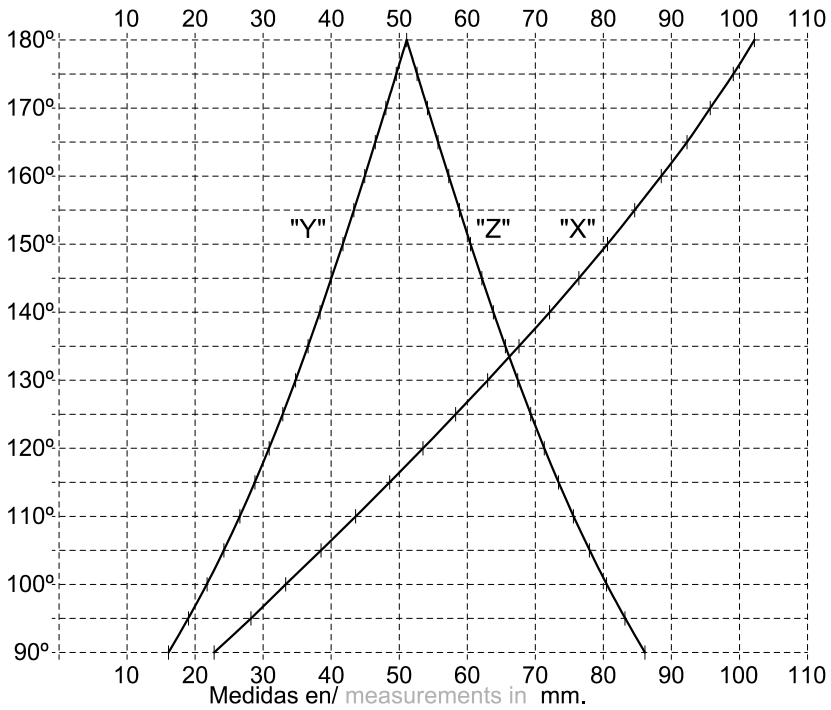


Ángulo Angle ß°	Medida Measure "X"	Medida Measure "Y"	Medida Measure "Z"
90º	22,77	16,10	86,10
95º	28,06	19,03	83,17
100º	33,29	21,73	80,47
105º	38,47	24,24	77,96
110º	43,57	26,59	75,61
115º	48,58	28,80	73,40
120º	53,51	30,89	71,31
125º	58,33	32,88	69,32
130º	63,04	34,78	67,42
135º	67,63	36,60	65,60
140º	72,10	38,36	63,84
145º	76,42	40,06	62,14
150º	80,60	41,72	60,48
155º	84,63	43,34	58,86
160º	88,49	44,93	57,27
165º	92,19	46,49	55,71
170º	95,71	48,04	54,16
175º	99,09	49,57	52,63
180º	102,20	51,10	51,10

Medidas en/ measurements in mm.

Medidas nominales; no se consideran desvíos por fabricación.

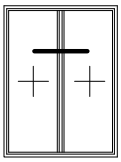
Nominal measurements; manufacturing deviations are not considered.

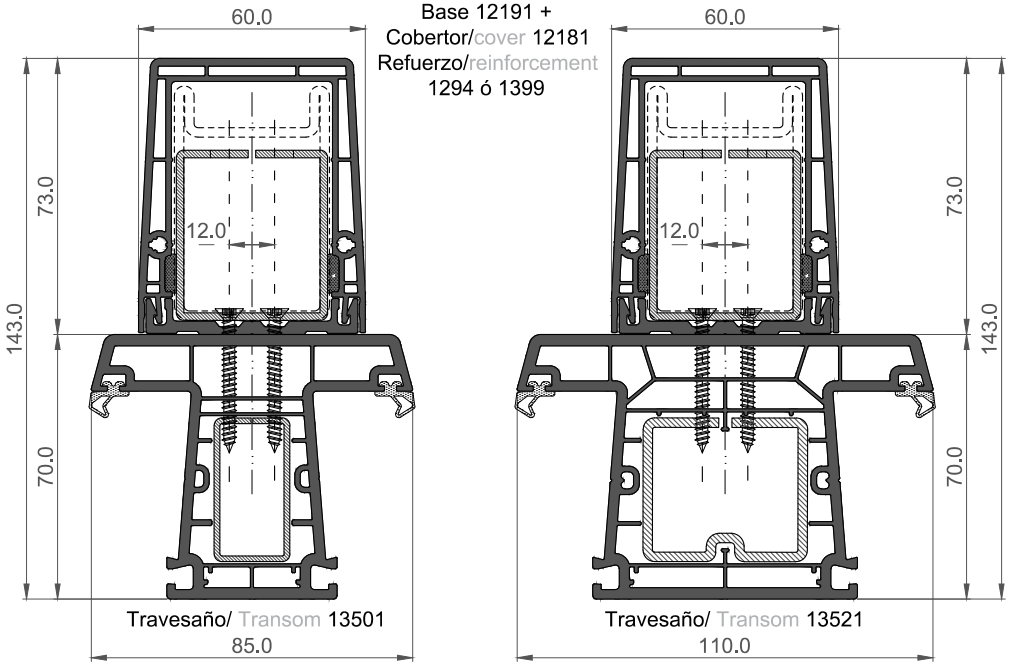


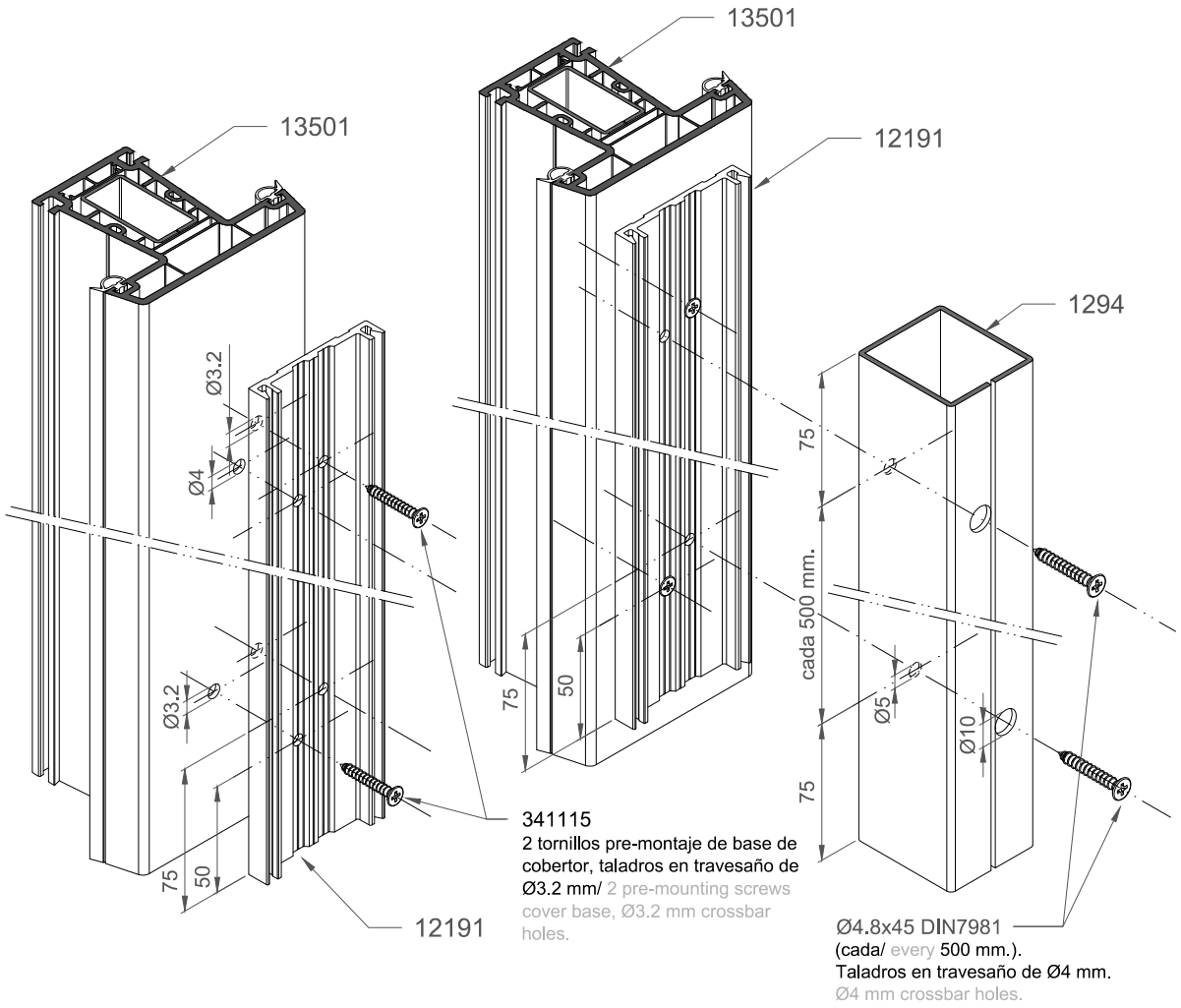
Medidas en/ measurements in mm.

REFUERZO DE POSTES / TRANSOM REINFORCEMENT

E 1:2





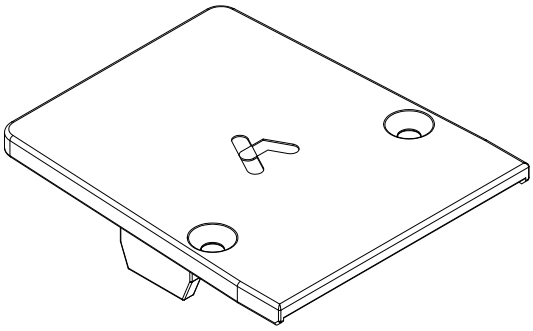


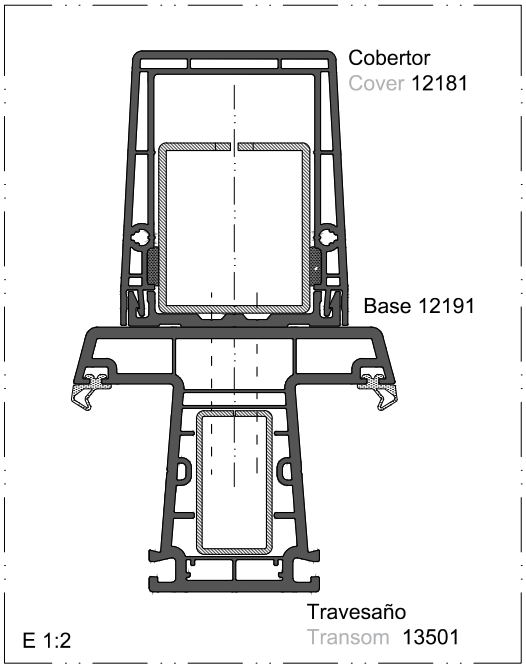
REFUERZO DE POSTES - TAPAS LATERALES
TRANSOM REINFORCEMENT - LATERALS COVER

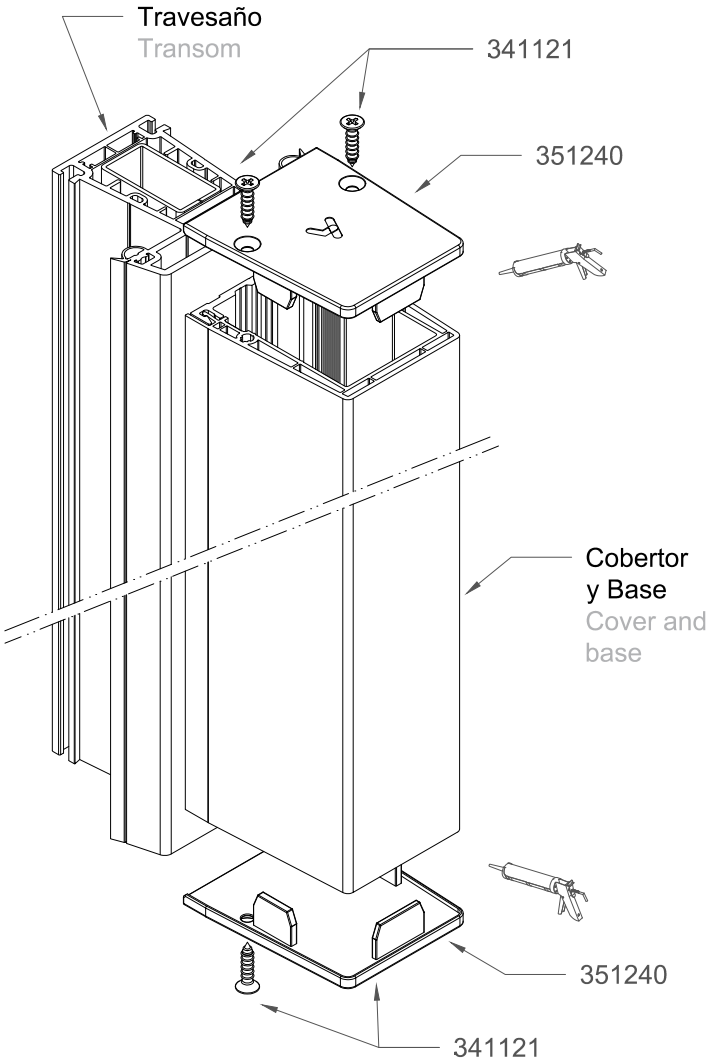
TAPA LATERAL COBERTOR REFUERZO
LATERAL COVER FOR REINFORCEMENT CAP

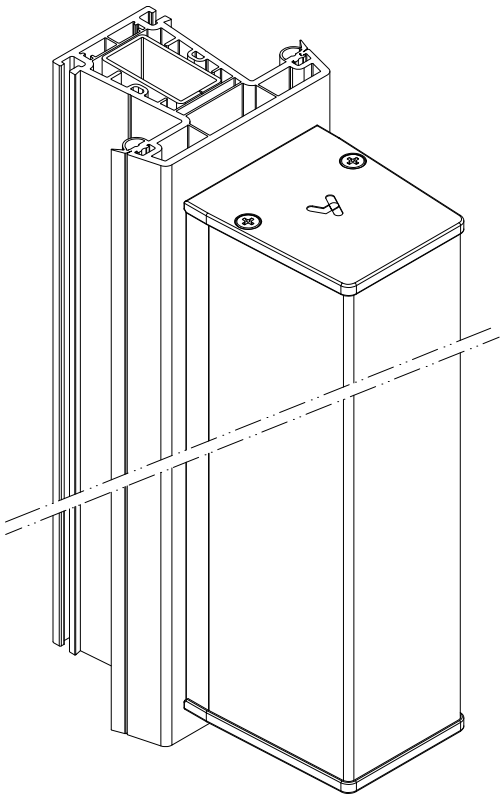
351240 / 41 / 42 / 43

BL	M	C	
Blanco White	Marrón Brown	Caramelo Caramel	Negro Black

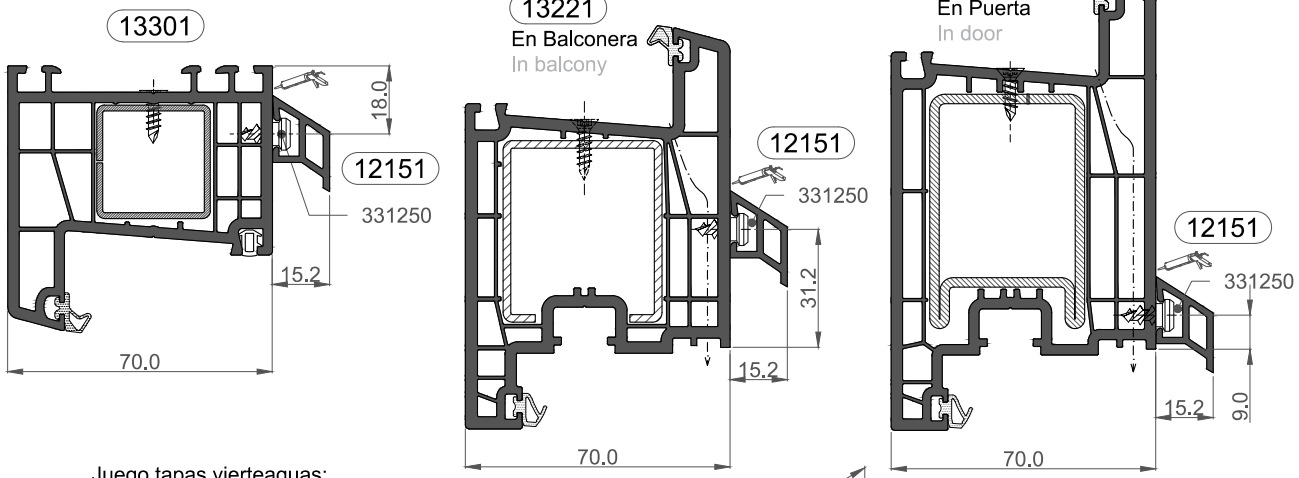




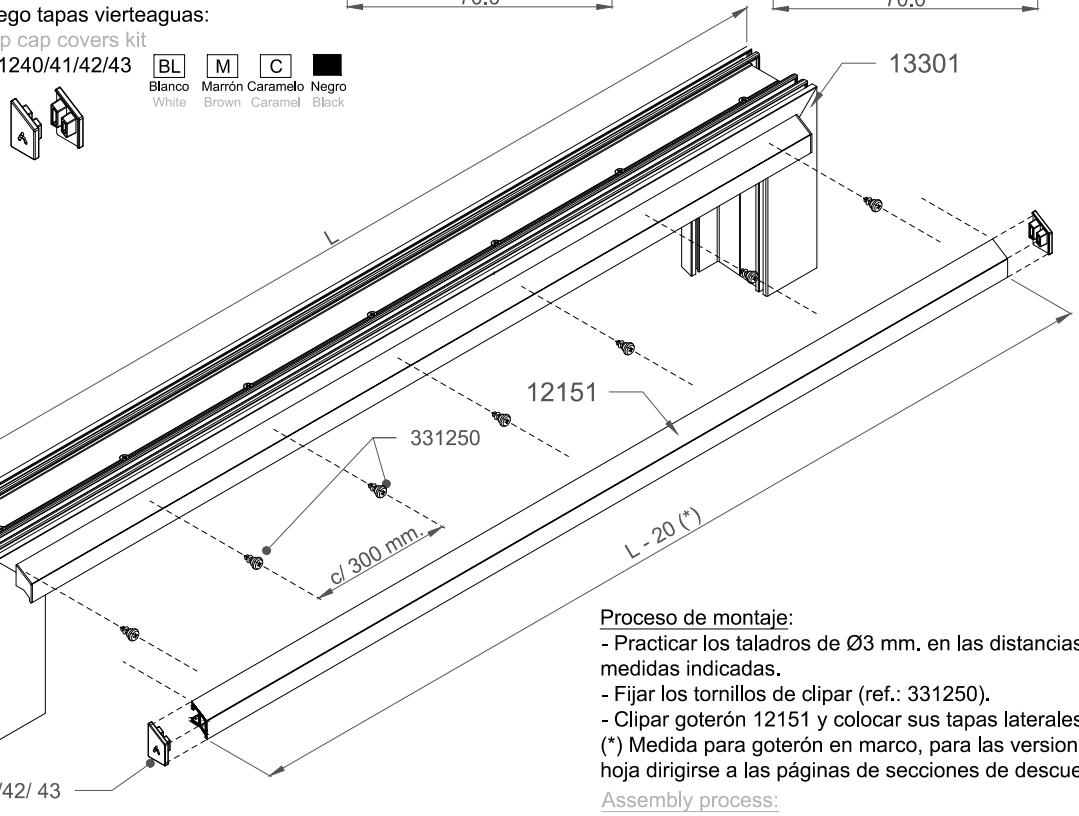




SITUACIÓN DE GOTERÓN O VIERTE-AGUAS / SITUATION OF DRIP CAP



Juego tapas vierteaguas:
Drip cap covers kit
361240/41/42/43 BL Blanco White · M Marrón Brown · C Caramelo Caramel · ■ Negro Black



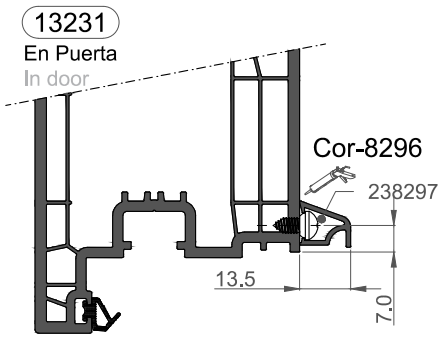
Proceso de montaje:
- Practicar los taladros de Ø3 mm. en las distancias y medidas indicadas.
- Fijar los tornillos de clipar (ref.: 331250).
- Clipar goterón 12151 y colocar sus tapas laterales.

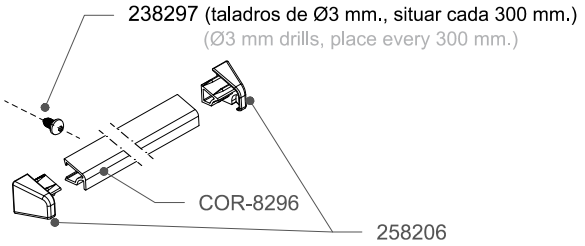
(*) Medida para goterón en marco, para las versiones sobre la hoja dirigirse a las páginas de secciones de descuentos.

Assembly process:
- Drill the Ø3 mm holes. in the distances and measures indicated.
- Fix the clipping screws (ref.: 331250).
- Clip drip 12151 and place its side covers.

(*) Measurement for drip cap in frame, for the versions on the sash go to the pages of cutting piece sections.

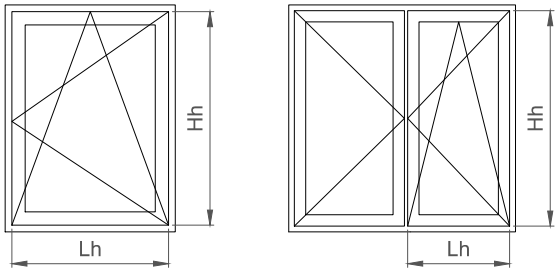
Variante con goterón de aluminio (Cor-8296)
Variant with aluminum drip cap (Cor-8296)

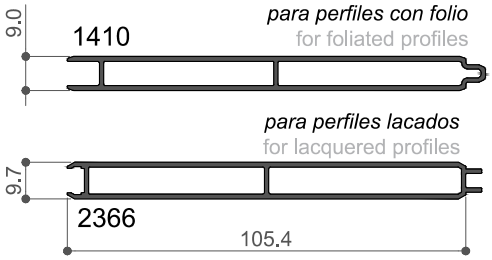


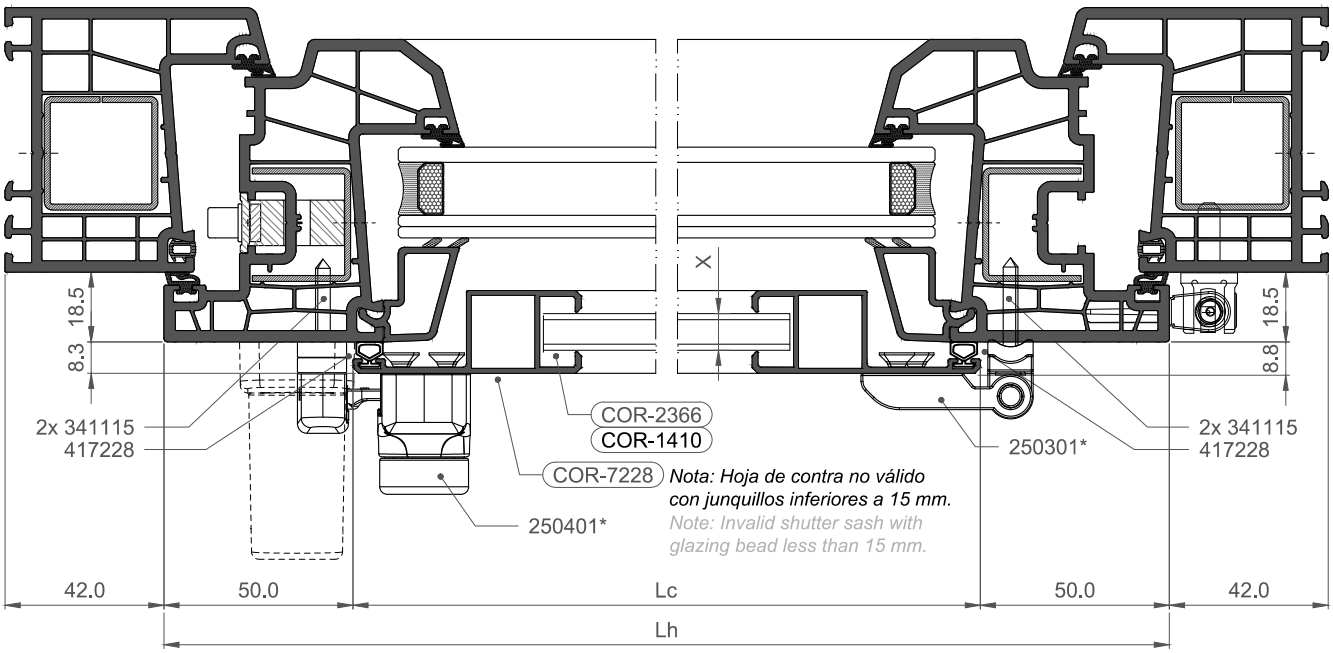


HOJA DE CONTRA - SECCIONES / SHUTTER SASH - CUTTING

1:2

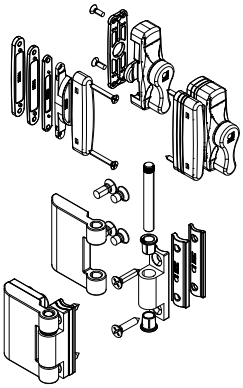






COR-7228		x 2	Lh - 100
		x 2	Hh - 100
COR-2366 COR-1410			Lh - 201

247230	x 4
417228	2Lh + 2Hh
250401	x 1
250301	x 2
341115	x 6

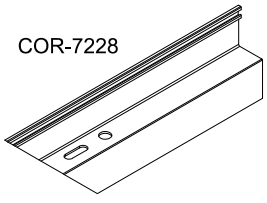


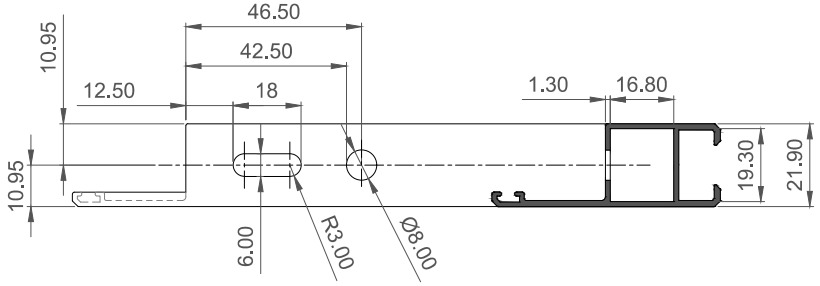
Nota/ Note:
Lama Cor-2366 es para perfiles lacados
Louvre Cor-2366 is for lacquered profiles
(Blanco/White = Ral 9016).
Lama Cor-1410 es para perfiles Foliados.
Louvre Cor-1410 is for foliated profiles.

(*)
Acabados en Blanco. Para otros acabados dirigirse al apartado de accesorios.
White finishes. For other finishes, go to the accessories section.

Bisagra de Contra/ Shutter hinge:
Hh < 1.300 mm. ► 2 bisagras/ hinges
Hh ≥ 1.300 mm. ► 3 bisagras/ hinges
Hh ≥ 1.800 mm. ► 4 bisagras/ hinges

Mecanizado escuadra Hoja de contra Cor-7228 en troquel 351299 (ver en apartado Mecanizados)
Mechanized clear shutter sash Cor-7228 in punch tool 351299 (see in the Machining pages)

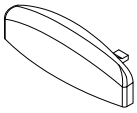




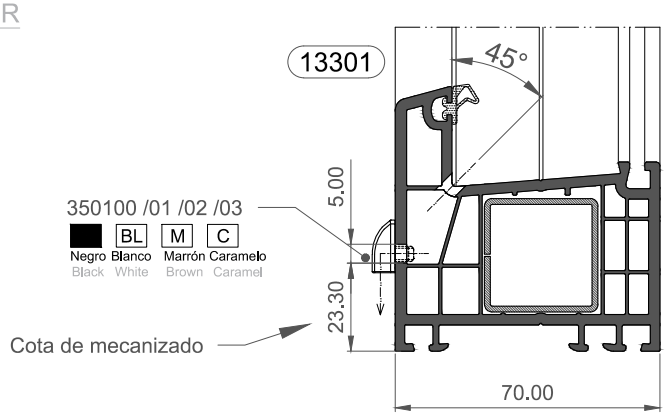
TAPA SALIDA DE AGUAS / WATER OUTLET COVER

Tapa salida de aguas/ Water outlet cover
350100 ■ /01 BL /02 M /03 C

■ Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel · P Plata Silver

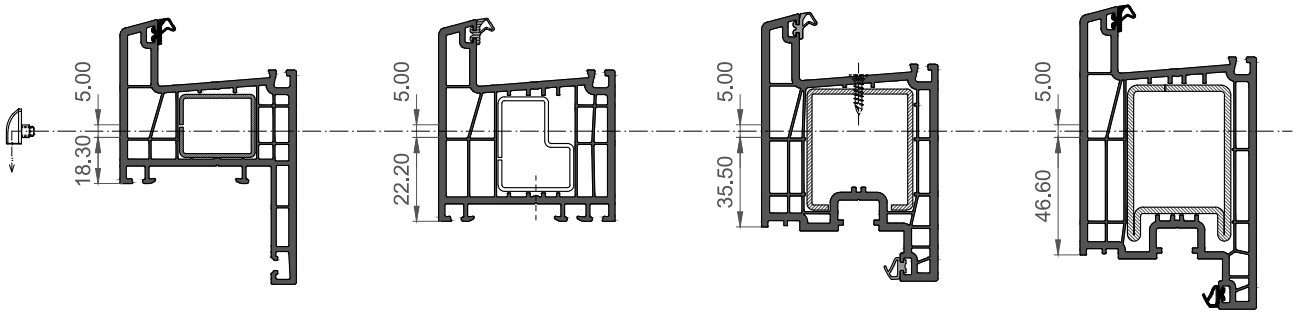


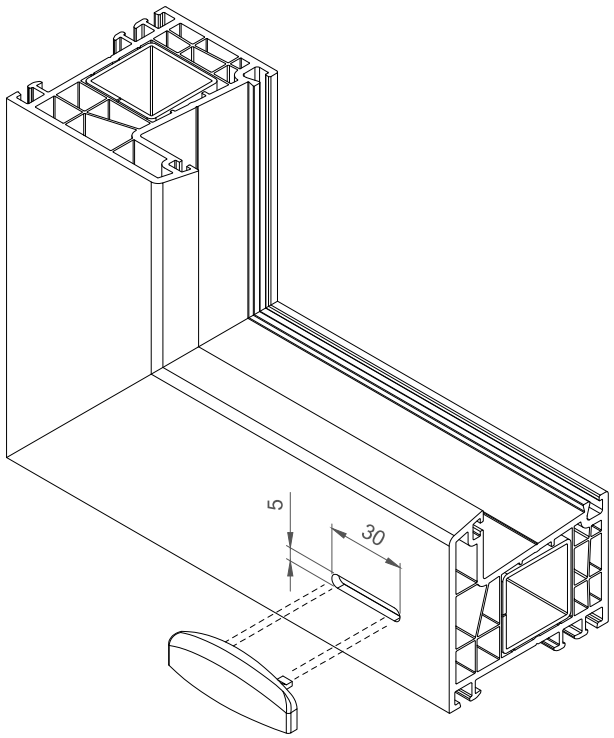
13301

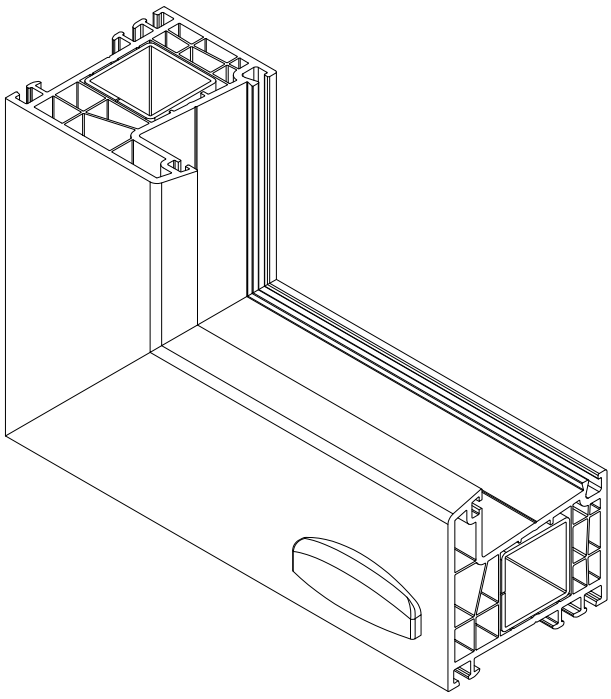


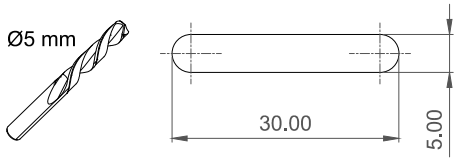
Opción de drenaje frontal para hojas

13311 · 13331 · 13221 · 13231







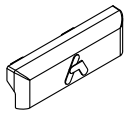


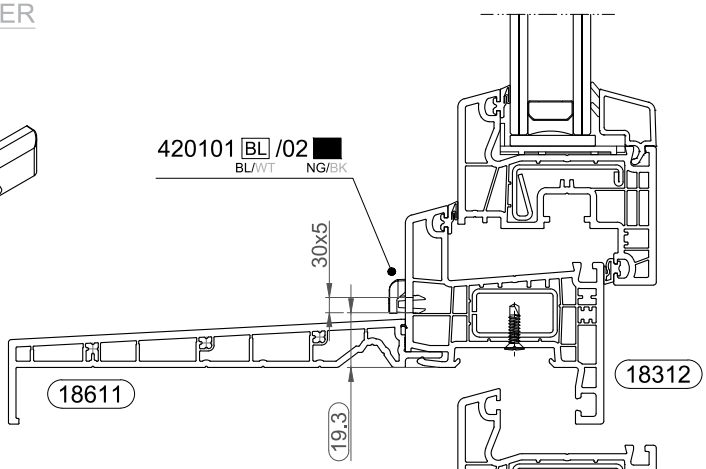
Ranura a practicar para el drenaje de las cámaras y para colocación de la tapa:
Slot to make for the drainage of the chambers and for the placement of the cover:

TAPA SALIDA DE AGUAS / WATER OUTLET COVER

Tapa salida de aguas Water outlet cover
420101 BL / 02 ■ / 03 M / 04 C

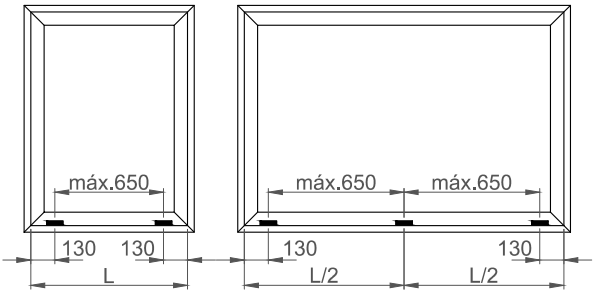
■ Negro Black ■ Gris Grey BL Blanco White M Marrón Brown C Caramelo Caramel P Plata Silver

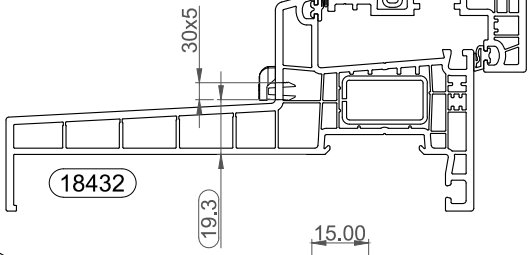


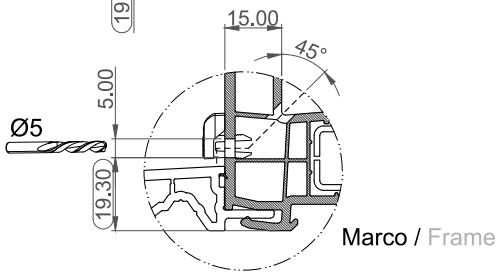


Ventana de 1 hoja
1 sash window

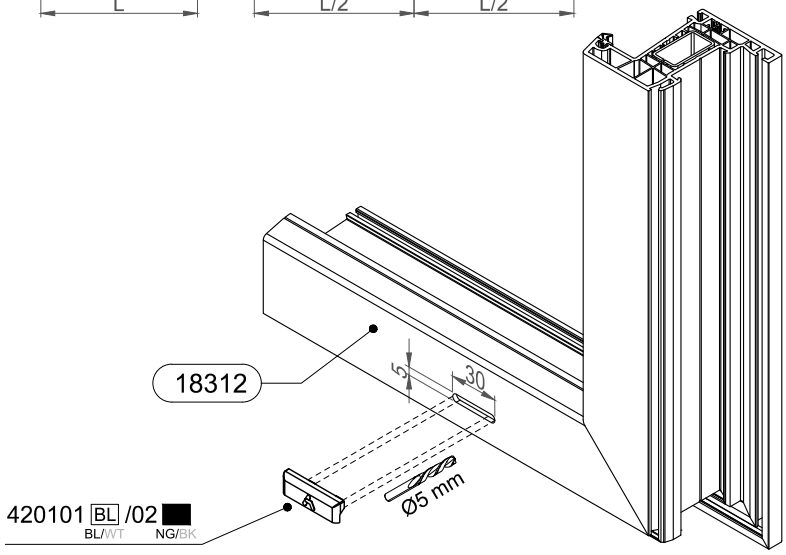
Ventana de 2 hojas
2 sash window



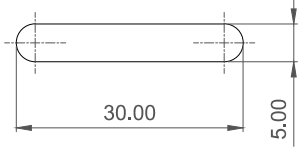


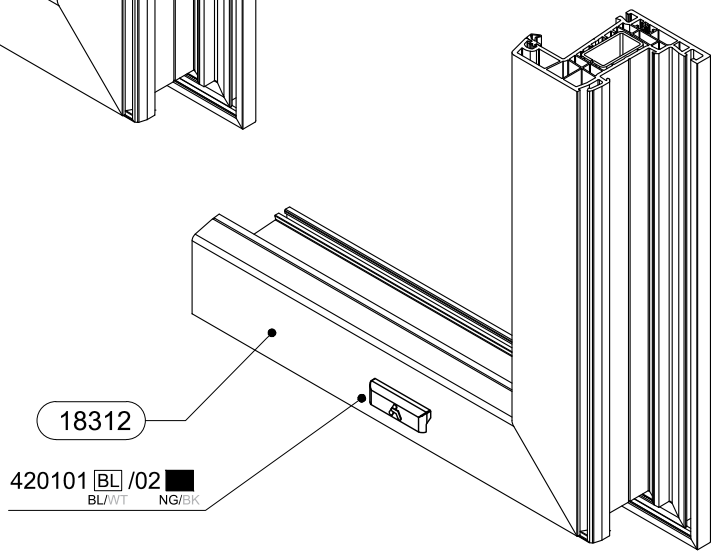


Marco / Frame

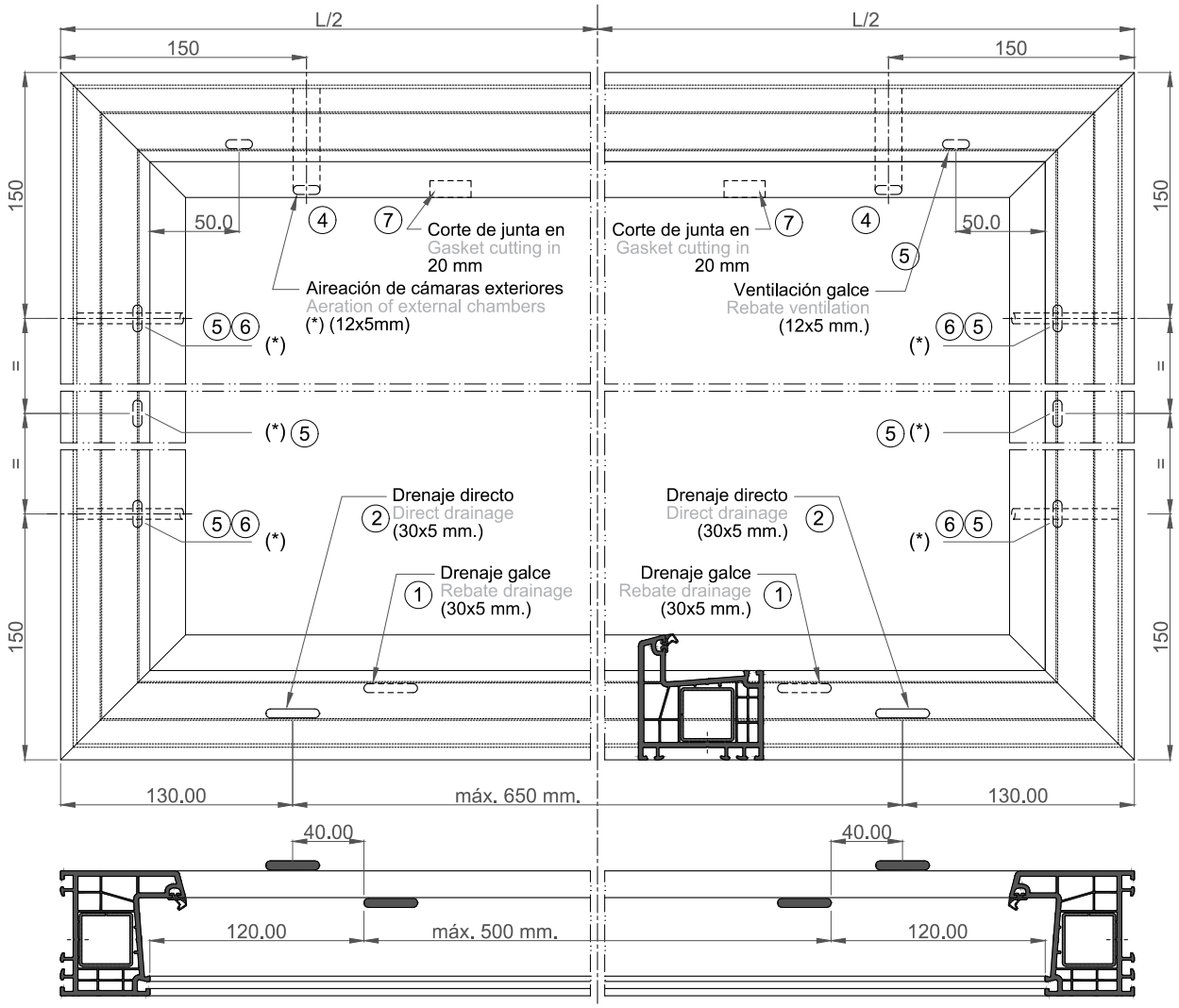


Ranura a practicar para el drenaje de las cámaras y para colocación de la tapa:
Slot to make for the drainage of the chambers and for the placement of the cover:





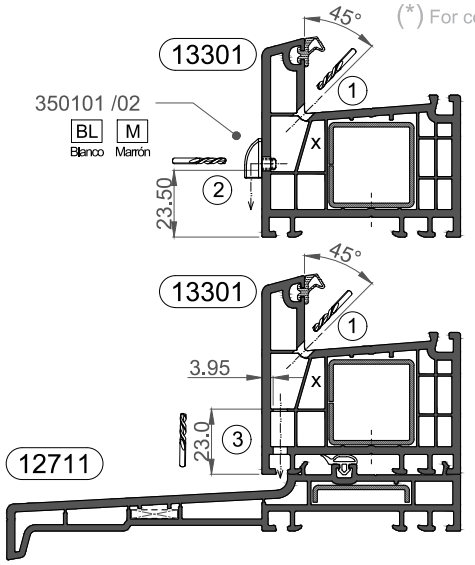
DRENAJE Y VENTILACIÓN DE MARCOS/ DRAINAGE AND VENTILATION OF FRAMES



(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer: Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 5 y el 6 desfasar el drenaje en unos 40 mm.

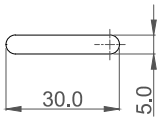
(*) For colour/foliated profiles, or with Hh > 1600 mm, provide:
Chamber ventilation (12x5 mm. and Ø5 mm.)

Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio.
Drain slots must not be clogged with glass seats and shims.

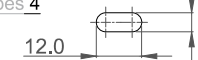


"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.

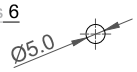
Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1, 2 y/ and 3



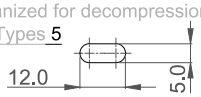
Aireación de cámaras exteriores:
Aeration of external chambers:
Tipo/ Types 4

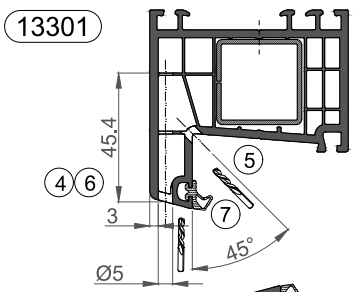


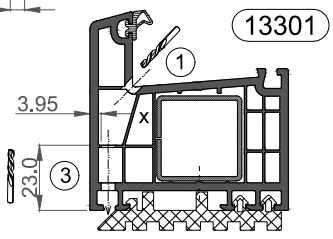
Tipo/ Types 6



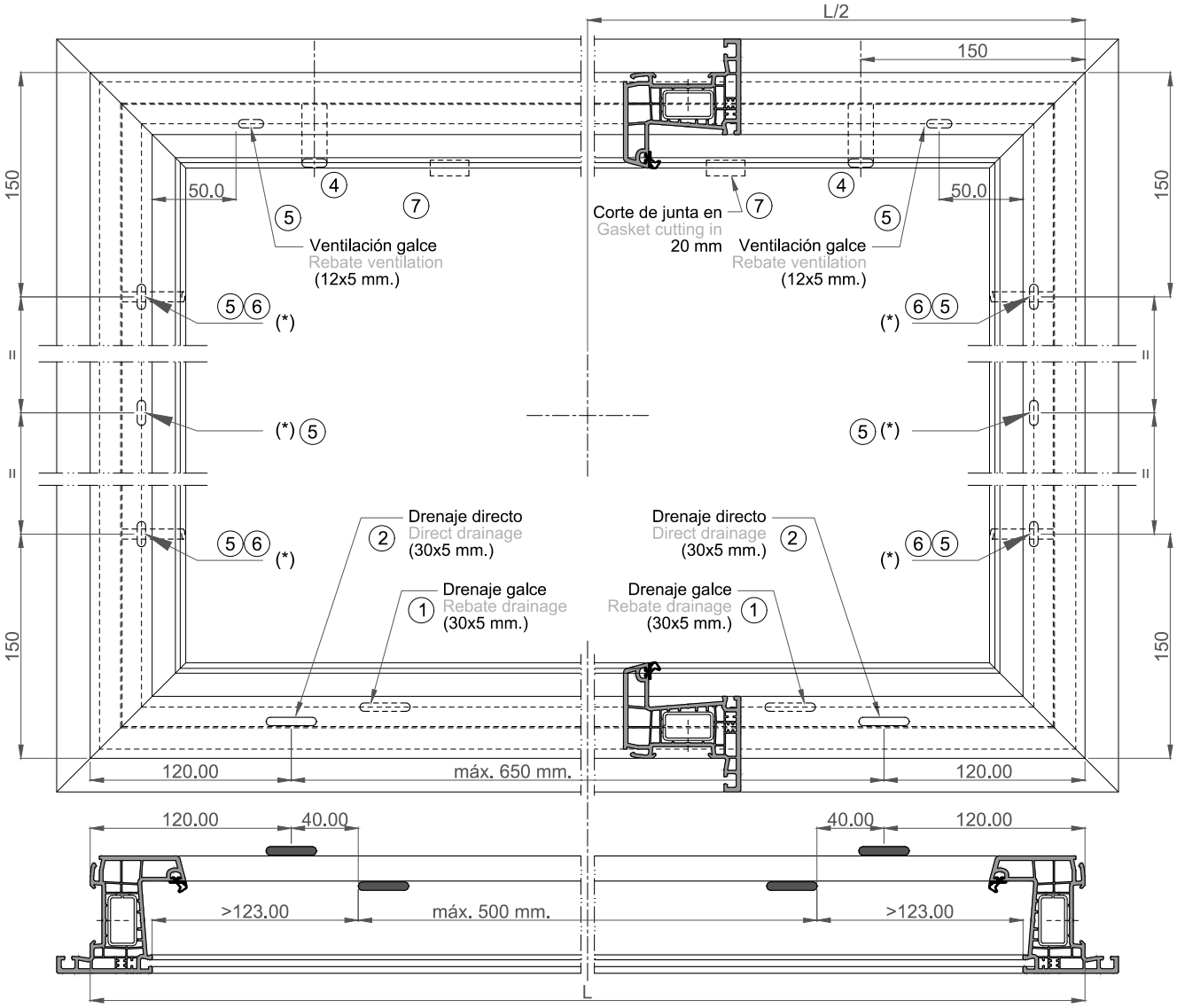
Mecanizados para descompresión:
Mechanized for decompression:
Tipo/ Types 5







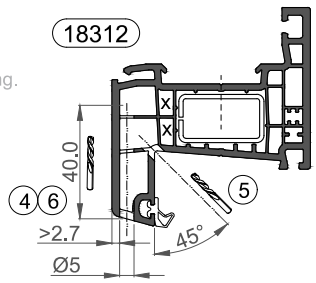
DRENAJE Y VENTILACIÓN DE MARCOS / DRAINAGE AND VENTILATION OF FRAMES



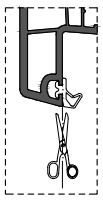
(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer: Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 5 y el 6 desfasar el drenaje en unos 40 mm.

(*) For colour/foliated profiles, or with Hh > 1600 mm, provide: Chamber ventilation (12x5 mm. and Ø5 mm.)

"X" Cámaras que no debe dañarse en el momento de practicar los mecanizados.
Cameras that should not be damaged at the time of machining.

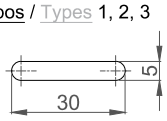


Nota importante / Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio.
Drain slots must not be clogged with glass seats and shims.



Corte de junta:
Gasket cutting:
20 mm

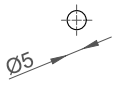
Mecanizados para drenajes:
Machining for drainage:
Tipos / Types 1, 2, 3



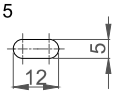
Aireación de cámaras exteriores:
Aeration of external chambers:
Tipo / Type 4

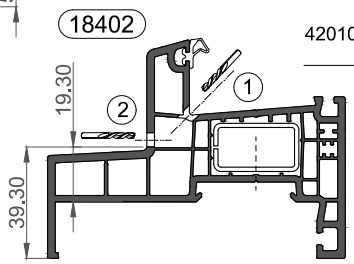


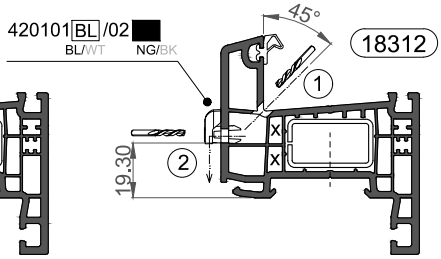
Tipo / Types 6



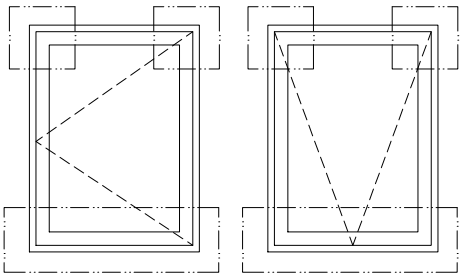
Mecanizados para descompresión:
Mechanized for decompression:
Tipo / Type 5





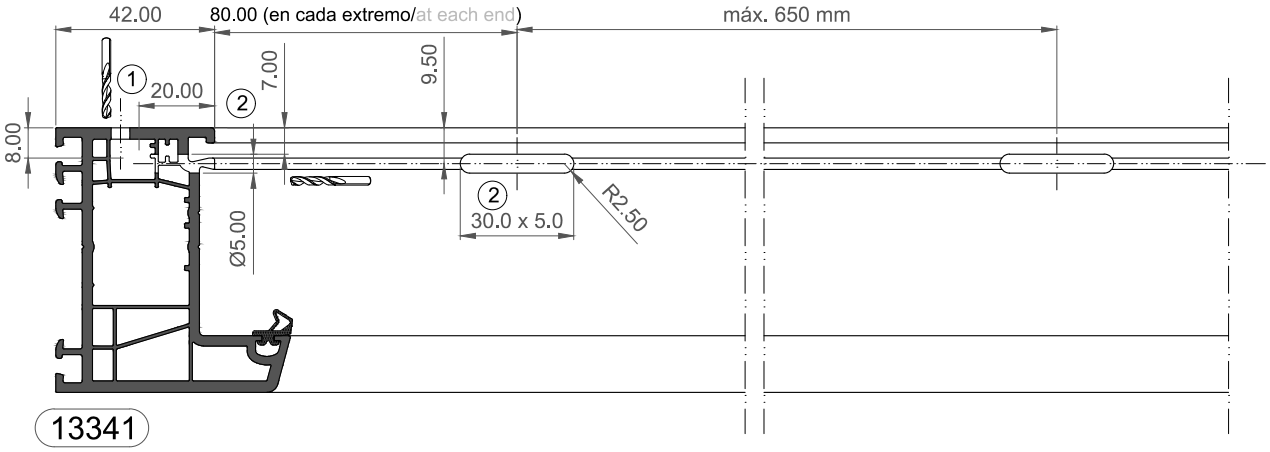


DRENAJE Y VENTILACIÓN DE MARCOS - apertura exterior / DRAINAGE AND VENTILATION OF FRAMES - outward opening

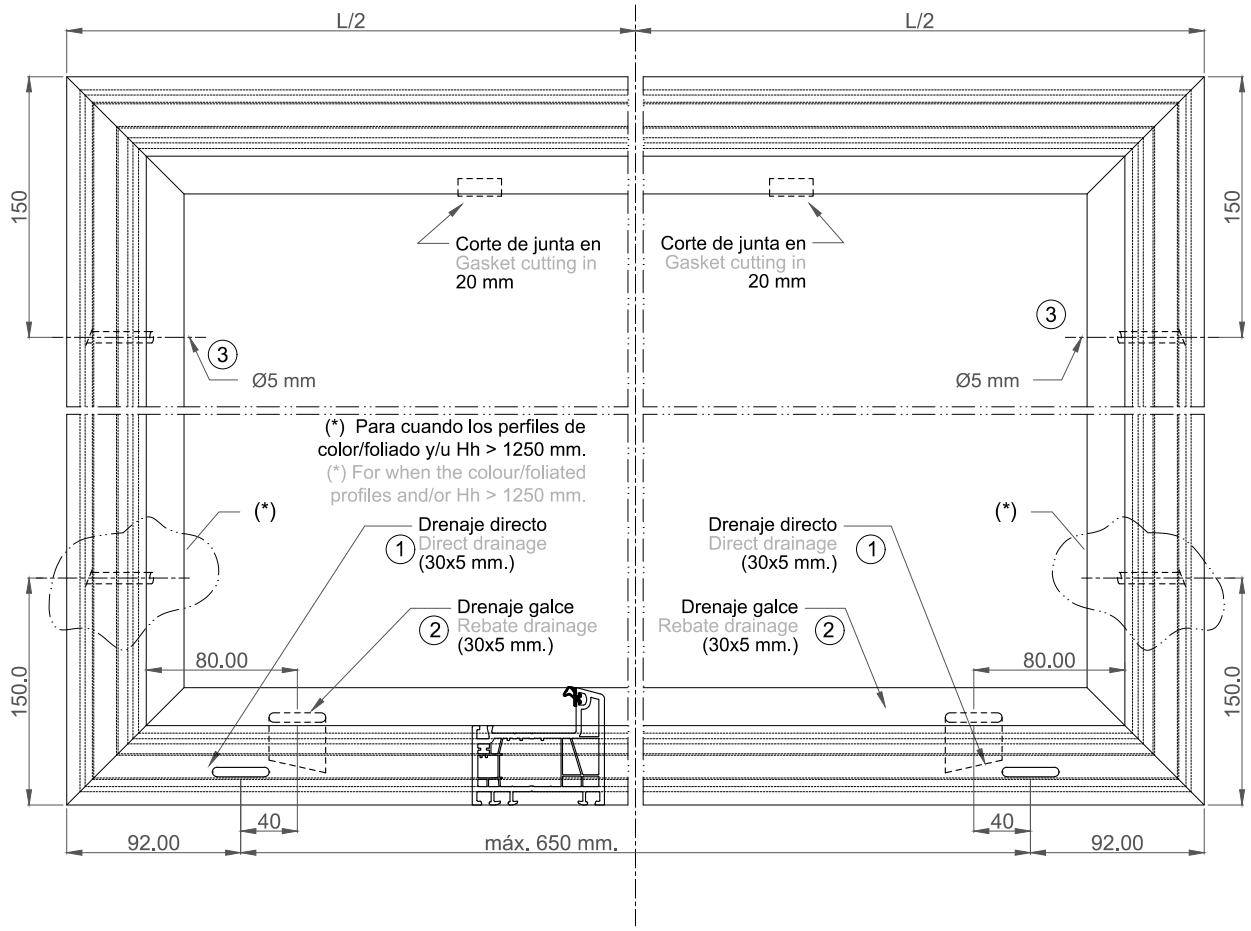


- La posición de las ranuras 30x5 para los drenajes en marco inferior deben preverse para no coincidir con la posición de los cerraderos; en ese caso se desplazará la ranura lo que corresponda. (1)(2) en las ranuras 1, se podrán colocar las tapas para salida de aguas.
- Los taladros para ventilación de cámaras (Ø5 o Ø6) quedan dispuestos en los laterales y parte superior del marco, situándolos a unos 150 mm de los extremos del marco. (3)

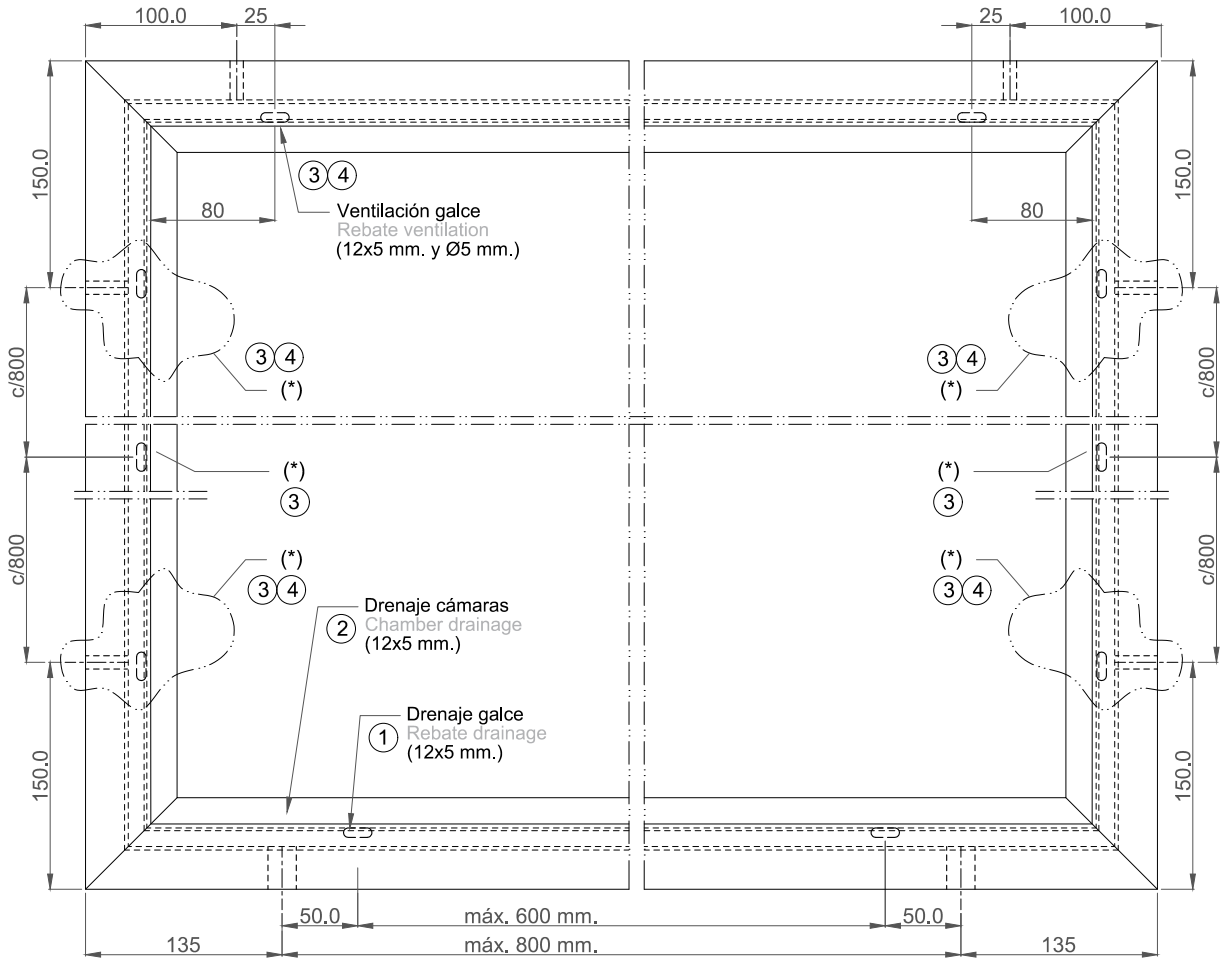
- The position of the 30x5 slots for the drains in the lower frame must be planned so as not to coincide with the position of the strikers; in that case the slot will be moved accordingly. (1)(2) in the slots 1, the covers for water outlet can be placed.
- The holes for camera ventilation (Ø5 or Ø6) are arranged on the sides and top of the frame, placing them about 150 mm from the ends of the frame. (3)



13341

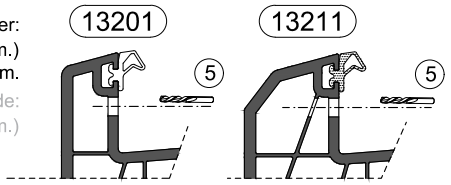


DRENAJE Y AIREACIÓN DE HOJAS/ DRAINAGE AND AERATION OF SASHES (Ref.: 13201/ 13211)



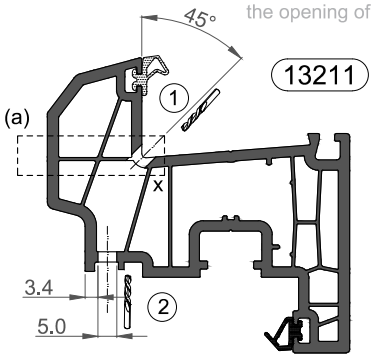
(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer:
Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 3 y el 4 desfasar el drenaje en unos 40 mm.
(*) For color/foliated profiles, or with Hh > 1600 mm, provide:
Chamber ventilation (12x5 mm. and Ø5 mm.)

"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.

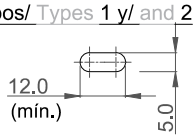


Mecanizados para aireación (tipo 5)
Cada 400 mm en horizontal inferior y cada 600 en laterales y parte superior (perfil color)
Machined for aeration (type 5)
Every 400 mm horizontally at the bottom and every 600 at the sides and top (colour profile)

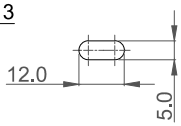
(a) Confirmar la rotura del tabique de la cámara / Confirm the opening of the tubular.



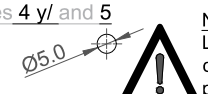
Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1 y/ and 2

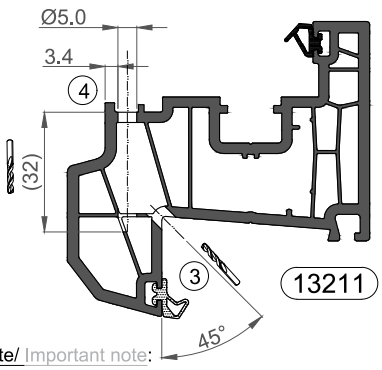


Mecanizados para descompresión:
Mechanized for decompression:
Tipo/ Types 3



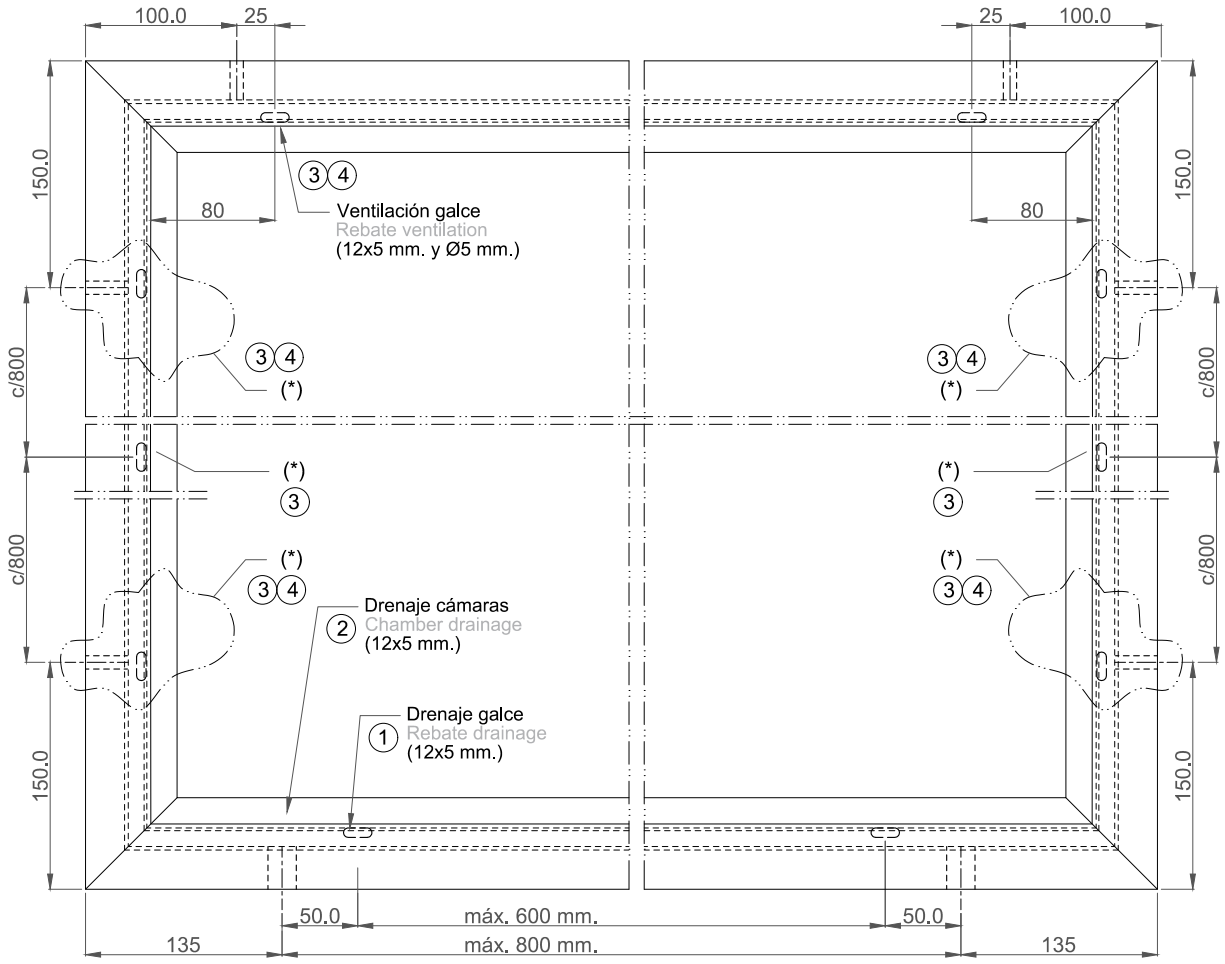
Tipo/ Types 4 y/ and 5





Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims.
All the outer chambers of the profile must be opened to ensure correct aeration of the same.

DRENAJE Y AIREACIÓN DE HOJAS/ DRAINAGE AND AERATION OF SASHES (Ref.: 13132/ 13142)



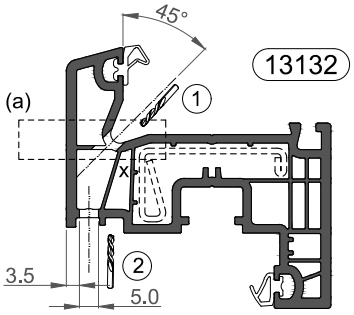
(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer: Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 3 y el 4 desfasar el drenaje en unos 40 mm.

(*) For colour/foliated profiles, or with Hh > 1600 mm, provide: Chamber ventilation (12x5 mm. and Ø5 mm.)

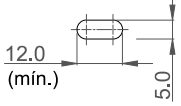
Nota/ Note:
Mecanizados en la hoja principal 13132; mismo criterio para la hoja inversora 13142 en donde corresponda.
Machined on the main sash 13132; same criteria for the inverter sash 13142 where appropriate.

"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.

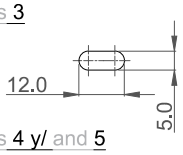
(a) Confirmar la rotura del tabique de la cámara / Confirm the opening of the tubular.



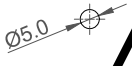
Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1 y/ and 2

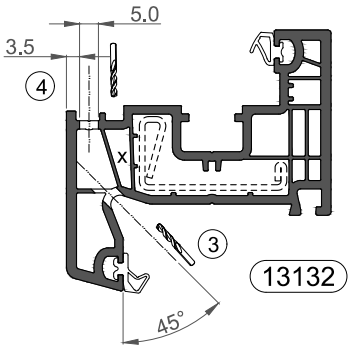


Mecanizados para descompresión y aireación/ Mechanized for decompression and aeration:
Tipo/ Types 3



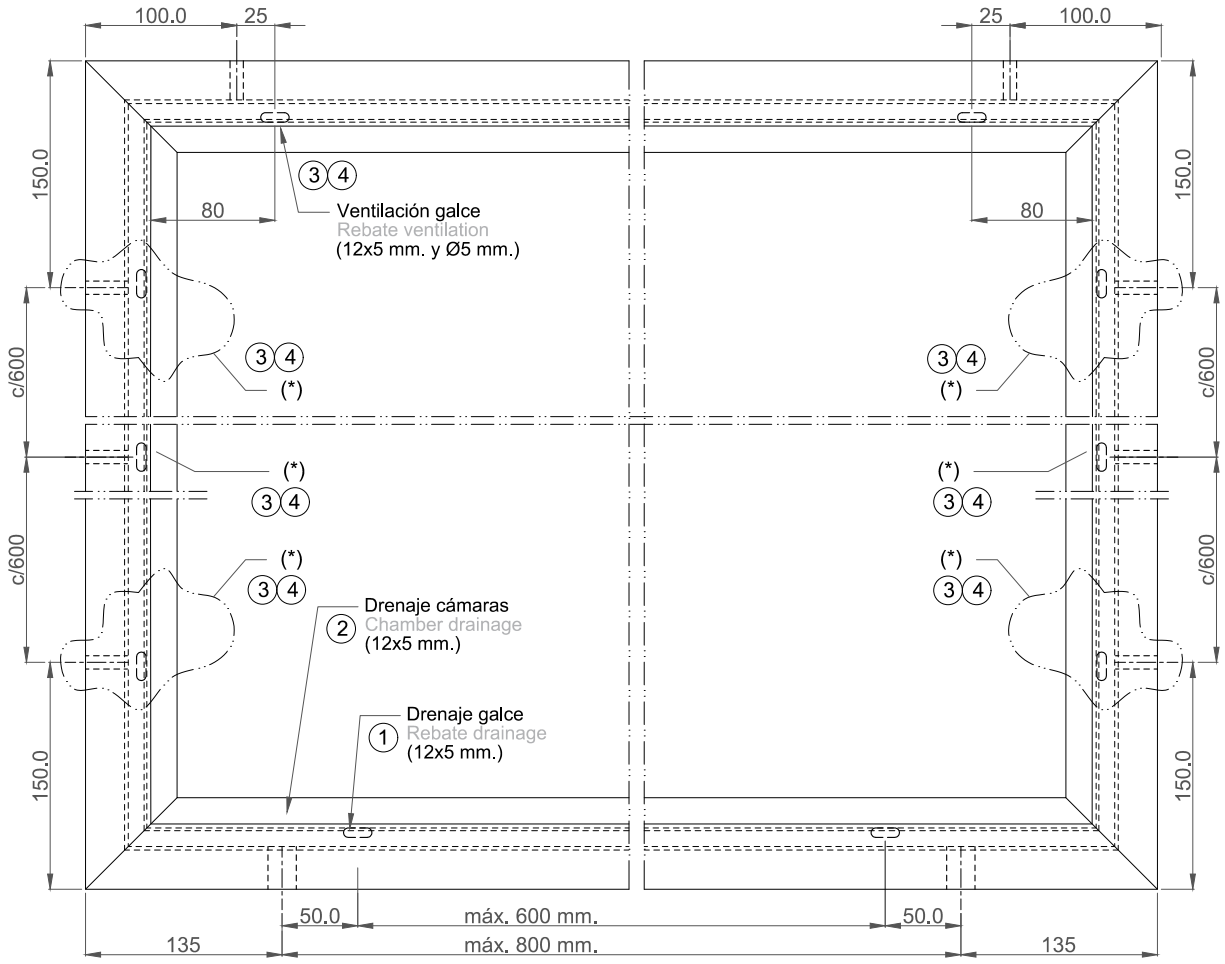
Tipo/ Types 4 y/ and 5





Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims. All the outer chambers of the profile must be opened to ensure correct aeration of the same.

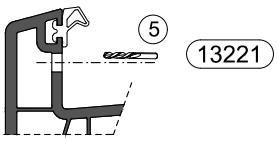
DRENAJE Y AIREACIÓN DE HOJAS DE BALCONERA/ DRAINAGE AND AERATION OF BALCONY SASHES (Ref.: 13221)



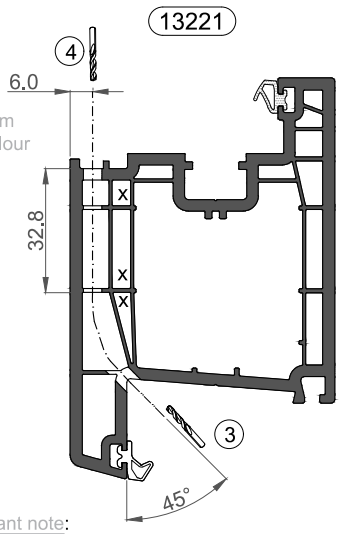
(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer:
Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 3 y el 4 desfasar el drenaje en unos 40 mm.

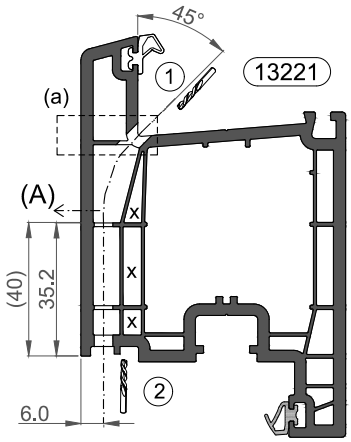
(*) For colour/foliated profiles, or with Hh > 1600 mm, provide:
Chamber ventilation (12x5 mm. and Ø5 mm.)

"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.



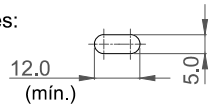
Mecanizados para aireación (tipo 5)
Cada 400 mm en horizontal inferior y cada 600 en laterales y parte superior (perfil color)
Mechanized for aeration (type 5)
Every 400 mm horizontally at the bottom and every 600 at the sides and top (colour profile)



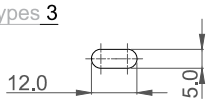


(a) Confirmar la rotura del tabique de la cámara /Confirm the opening of the tubular.

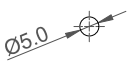
Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1 y/ and 2



Mecanizados para descompresión:
Mechanized for decompression:
Tipo/ Types 3



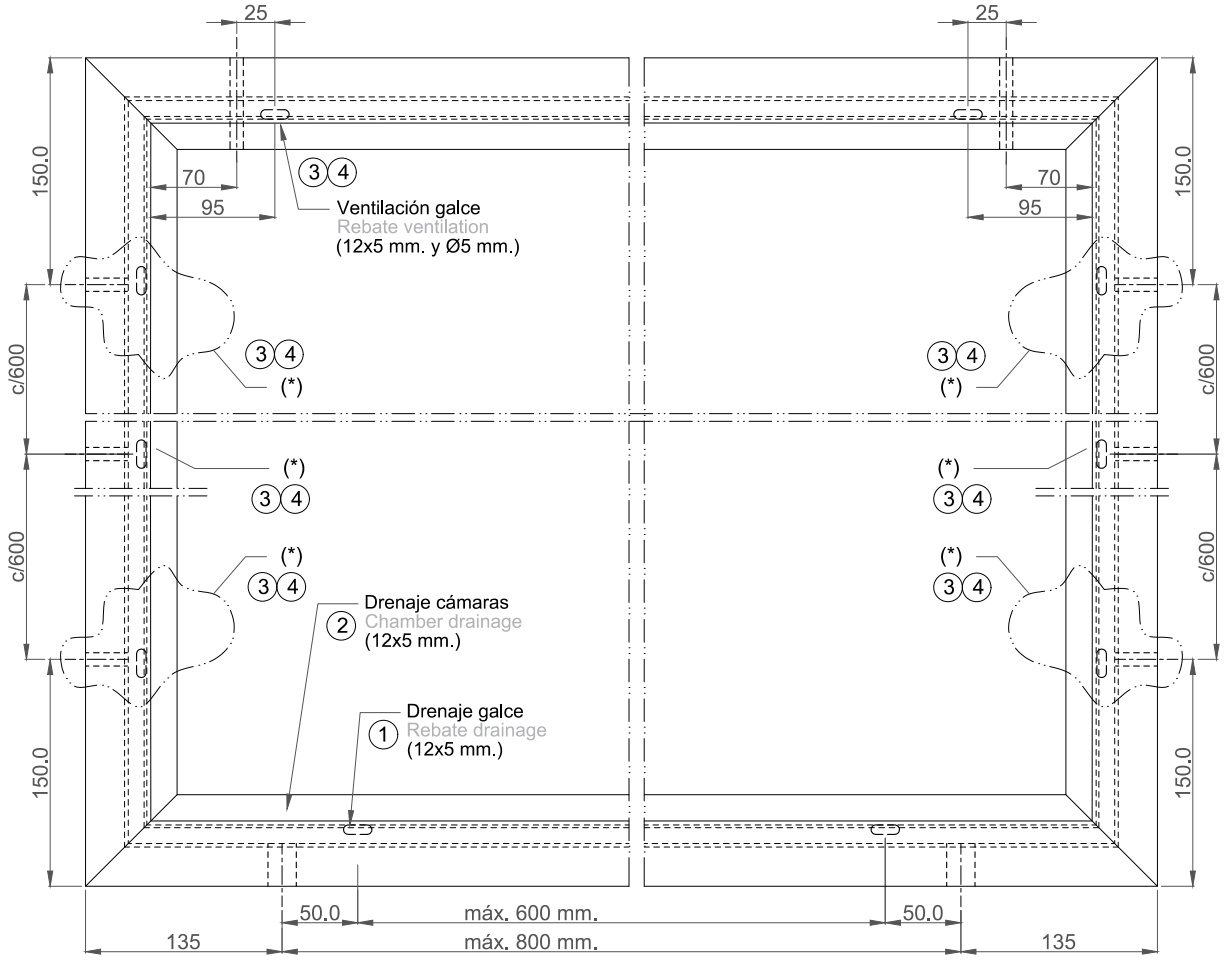
Tipo/ Types 4 y/ and 5



(A) Caso de llevar goterón de hoja, el drenaje al frente colocando tapeta (350101 /02).

Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims.
All the outer chambers of the profile must be opened to ensure correct aeration of the same.

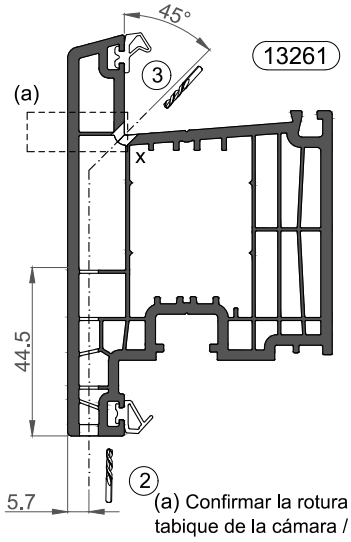
DRENAJE Y AIREACIÓN DE HOJAS APERTURA EXTERIOR/ DRAINAGE AND AERATION OF OUTWARD OPENING SASHES (Ref.: 13261/ 13271)



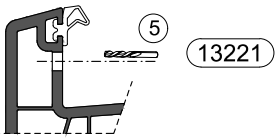
(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer:
Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 3 y el 4 desfasar el drenaje en unos 40 mm.

(*) For colour/foliated profiles, or with Hh > 1600 mm, provide:
Chamber ventilation (12x5 mm. and Ø5 mm.)

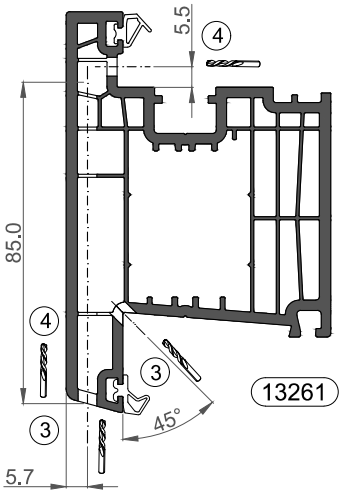
"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.



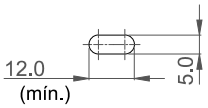
(a) Confirmar la rotura del tabique de la cámara / Confirm the opening of the tubular.



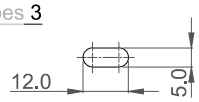
Mecanizados para aireación (tipo 5)
Cada 400 mm en horizontal inferior y cada 600 en laterales y parte superior (perfil color)
Machining for aeration (type 5)
Every 400 mm horizontally at the bottom and every 600 at the sides and top (colour profile)



Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1 y/ and 2



Mecanizados para descompresión:
Mechanized for decompression:
Tipo/ Types 3

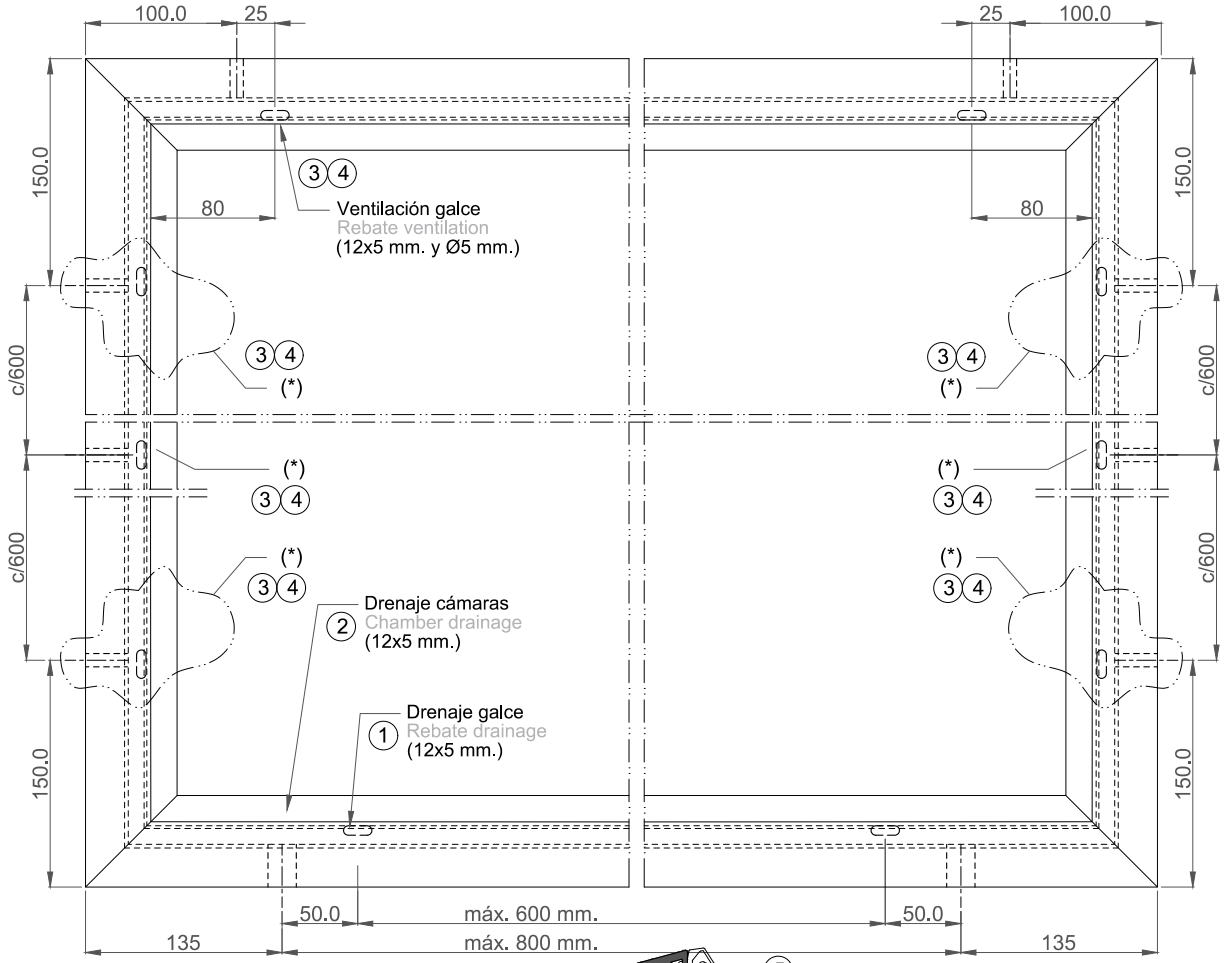


Tipo/ Types 4 y/ and 5



Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims. All the outer chambers of the profile must be opened to ensure correct aeration of the same.

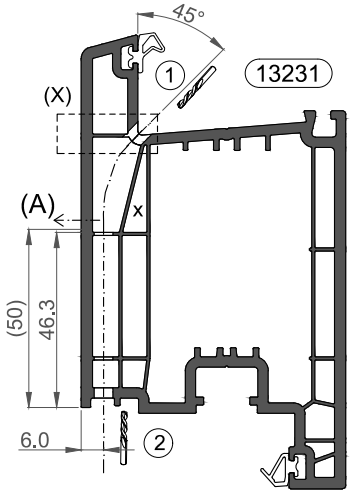
DRENAJE Y AIREACIÓN DE HOJAS DE PUERTA/ DRAINAGE AND AERATION OF DOOR SASHES (Ref.: 13231)



(*) Para los perfiles de color/foliado, o con Hh > 1600 mm, disponer:
Ventilación cámaras (12x5 mm. y Ø5 mm.)
Entre el 3 y el 4 desfasar el drenaje en unos 40 mm.

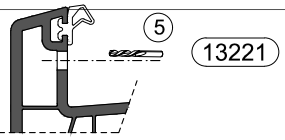
(*) For colour/foliated profiles, or with Hh > 1600 mm, provide:
Chamber ventilation (12x5 mm. and Ø5 mm.)

"x" Cámara que no debería dañarse en el momento de practicar los mecanizados/ Camera that should not be damaged at the time of machining.

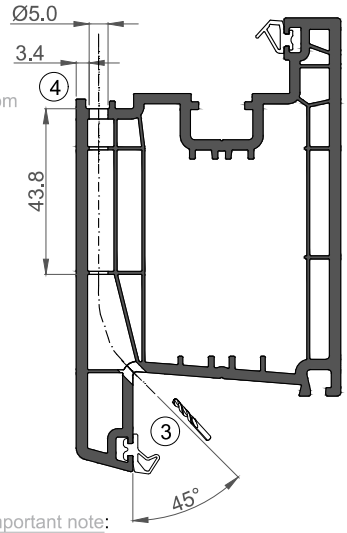


(X) Confirmar la rotura del tabique de la cámara.

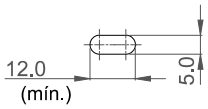
(A) Caso de llevar goterón de hoja, el drenaje al frente colocando tapeta (350101 /02).



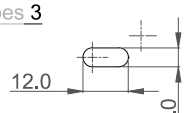
Mecanizados para aireación (tipo 5)
Cada 400 mm en horizontal inferior y cada 600 en laterales y parte superior (perfil color)
Machining for aeration (type 5)
Every 400 mm horizontally at the bottom and every 600 at the sides and top (colour profile)



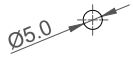
Mecanizados para drenajes:
Machining for drainage:
Tipos/ Types 1 y/ and 2



Mecanizados para descompresión:
Mechanized for decompression:
Tipo/ Types 3



Tipo/ Types 4 y/ and 5

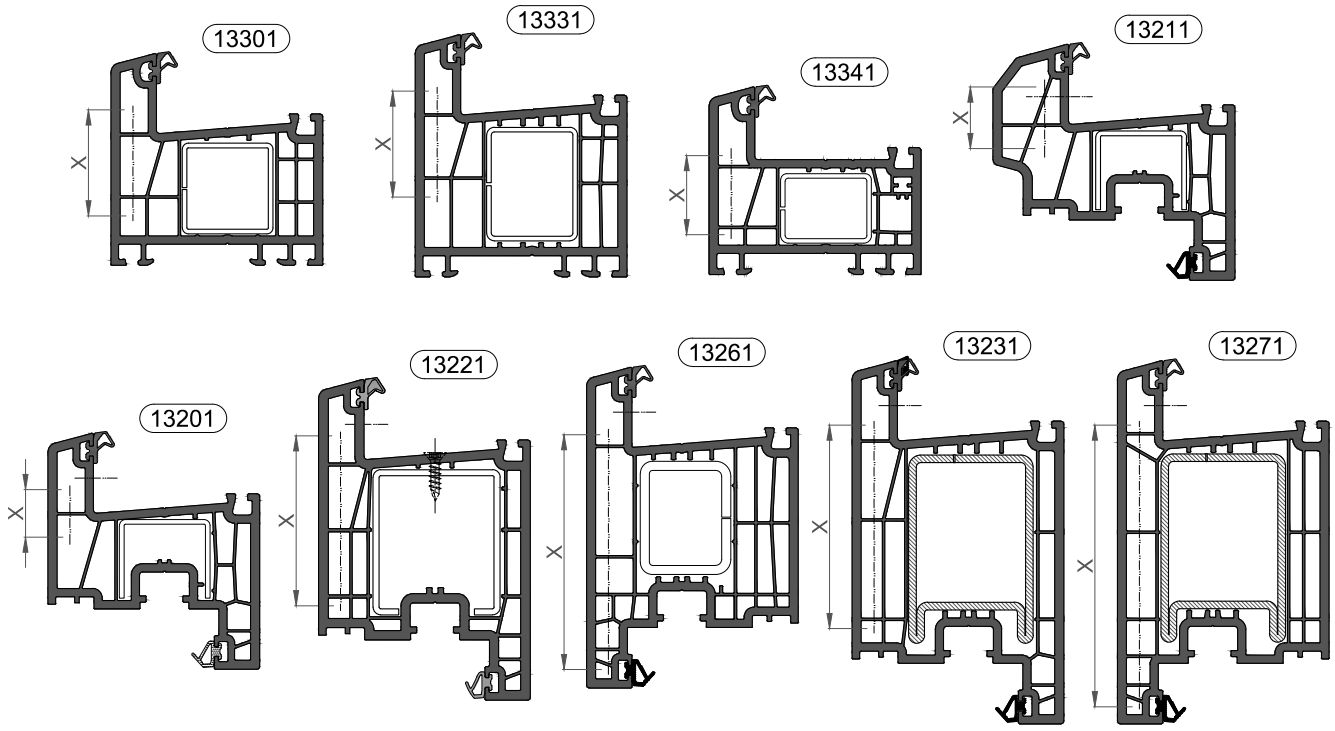


Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims.
All the outer chambers of the profile must be opened to ensure correct aeration of the same.

VENTILACIÓN DE MARCOS/ VENTILATION OF FRAMES

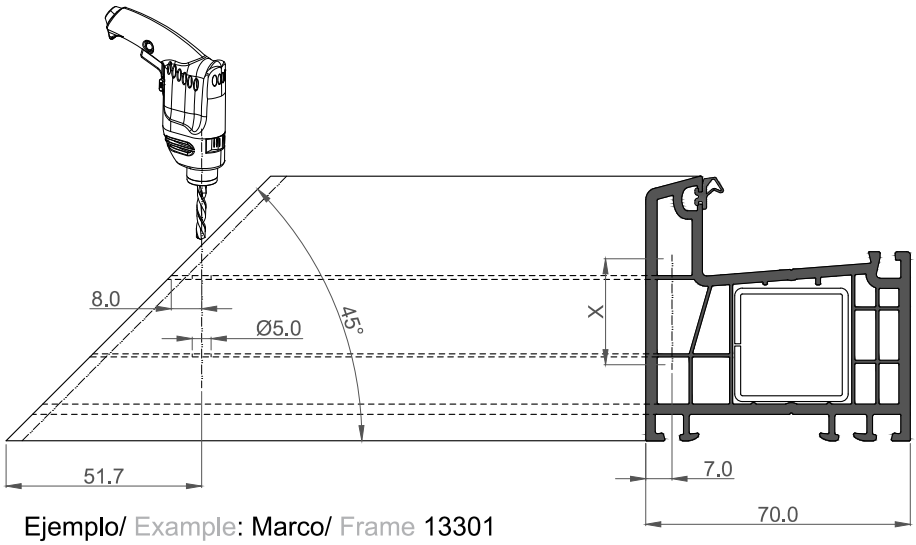
Ventilaciones de las cámaras exteriores de los perfiles expuestos directamente a las radiaciones solares, recomendable en perfiles base en blanco e imprescindible en los perfiles en base color o con foliados. Para aplicar y practicar sobre todos los perfiles, de marco y/u hojas. Taladros de Ø 5 o 6 mm. Nunca deben sellarse los canales para la ventilación, ni durante el proceso de armado de los perfiles ni en la puesta en obra de la propia ventana.

Ventilation of the outer chambers of the profiles directly exposed to solar radiation, recommended in white base profiles and essential in colour based or foliated profiles. To apply and practice on all profiles, frames and/or sashes. Ø 5 or 6 mm drills. The channels for ventilation must never be sealed, neither during the process of assembling the profiles nor during the installation of the window itself.



Además de las operaciones especificadas en páginas anteriores, puede practicarse la siguiente operación en los ingletes de todos estos perfiles enumerados. Rotura de tabiques de cámaras interiores.

In addition to the operations specified on previous pages, the following operation can be performed on the miters of all these profiles listed. Rupture of interior chamber partitions.



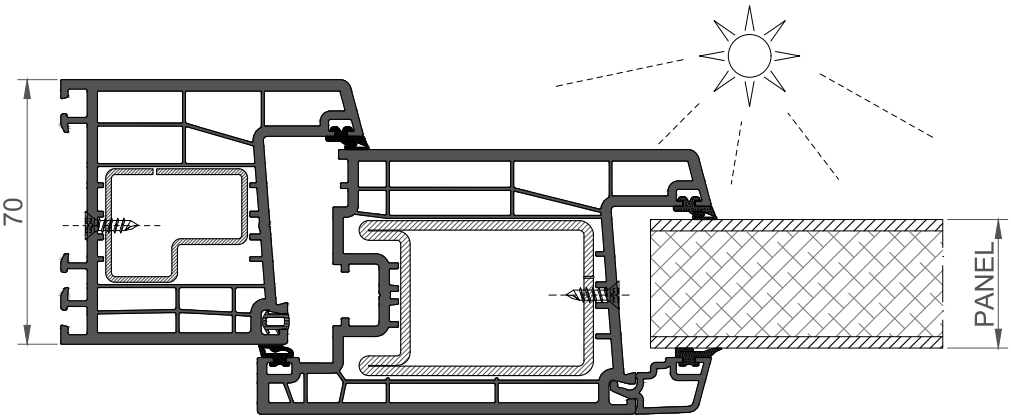
Ejemplo/ Example: Marco/ Frame 13301

Nota importante/ Important note:
Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.
Drain slots must not be clogged with glass seats and shims.
All the outer chambers of the profile must be opened to ensure correct aeration of the same.

PUERTAS/ BALCONERAS CON PANEL AIREACIÓN - VENTILACIÓN/ DOORS/ BALCONIES WITH PANEL AERATION - VENTILATION

Ventilaciones de las cámaras exteriores de los perfiles expuestos directamente a las radiaciones solares, recomendable en perfiles base en blanco e imprescindible en los perfiles en base color o con foliados. Para aplicar y practicar sobre todos los perfiles, de marco y/u hojas. Taladros de Ø 5 o 6 mm. Nunca deben sellarse los canales para la ventilación, ni durante el proceso de armado de los perfiles ni en la puesta en obra de la propia ventana.

Ventilation of the outward chambers of the profiles directly exposed to solar radiation, recommended in white base profiles and essential in colour based or foliated profiles. To apply and practice on all profiles, frames and/or sashes. Ø 5 or 6 mm drills. The channels for ventilation must never be sealed, neither during the process of assembling the profiles nor during the installation of the window itself.



En el caso de empleo de panel mixto de aluminio y en situaciones de exposición directa en climas con radiación solar extrema, barajar la posibilidad de hacer uso de perfil de hoja en base blanco con foliado en lugar de perfil base de color. Misma consideración para el caso de marcos para fijos con paneles ciegos.

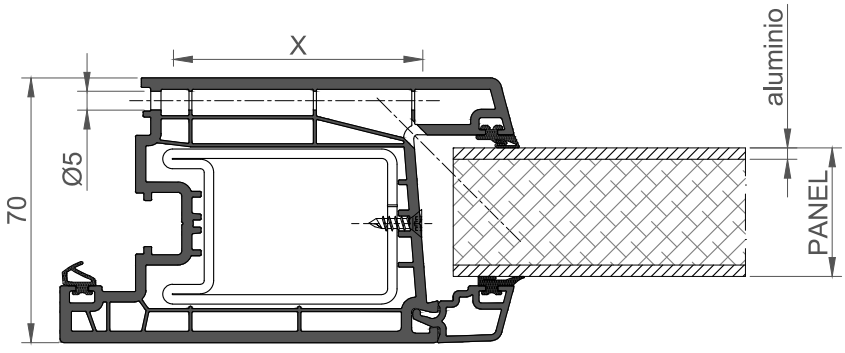
In the case of using a mixed aluminum panel and in situations of direct exposure in climates with extreme solar radiation, consider the possibility of using a white base sash profile with foliate instead of a colour base profile. Same consideration for the case of fixed frames with blind panels.

Aireación-ventilación de cámaras.

- Rotura de todos las divisiones en cámara exterior. En los dos extremos de cada perfil cortado a inglete prever la rotura de los tabiques interiores de la cámara exterior (longitud "X"), según detalle páginas anteriores.
- Aplicable en cualquier perfil de hoja y/o marco que monten panel.

Aeration-ventilation of chambers.

- Rupture of all the divisions in the outward tubular. At the two ends of each profile cut at a miter, foresee the breakage of the interior partitions of the exterior tubular (length "X"), as detailed on previous pages.
- Applicable in any sash and/or frame profile that mounts a panel.



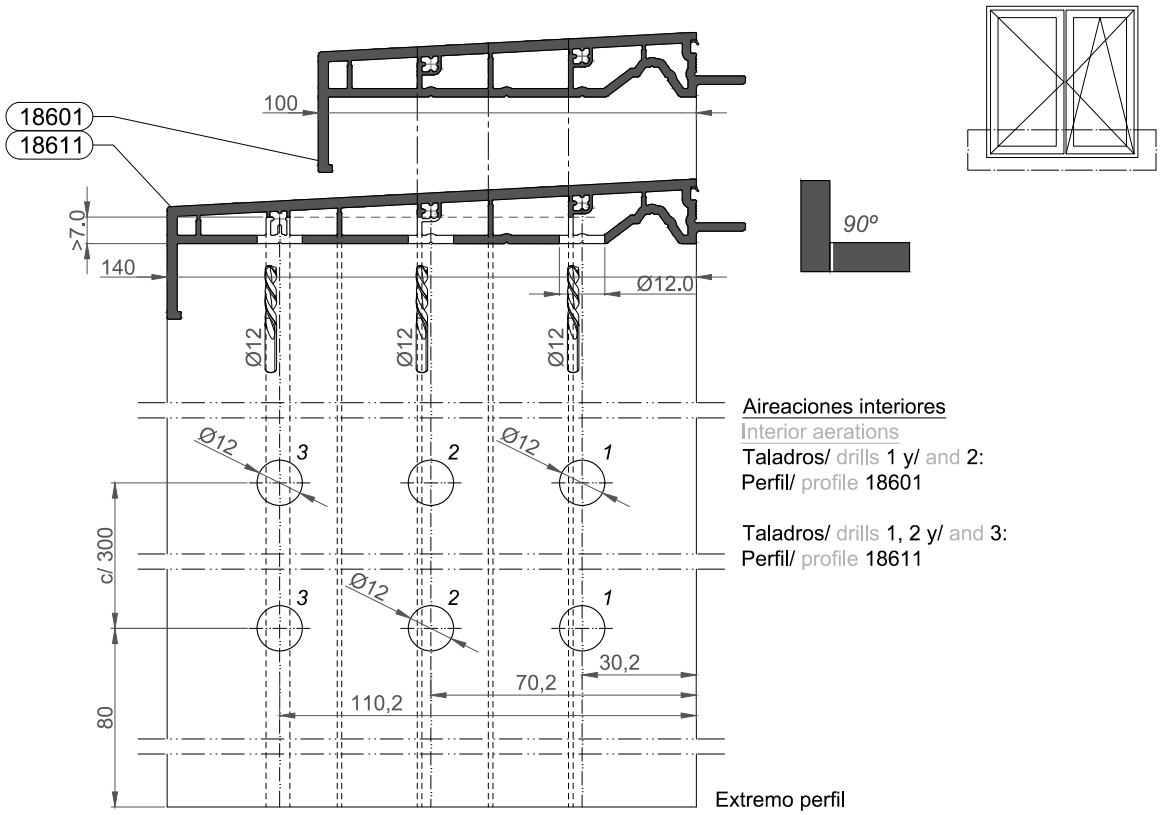
Notas importantes:

. Las ranuras de drenaje no deben obstruirse con los asientos y calces de vidrio.
. Deben abrirse todas las cámaras exteriores del perfil para asegurar una correcta aireación de las mismas.

Important notes:

Drain slots must not be clogged with wedges for glass.
All the outwards tubular of the profile must be opened to ensure correct aeration of the same.

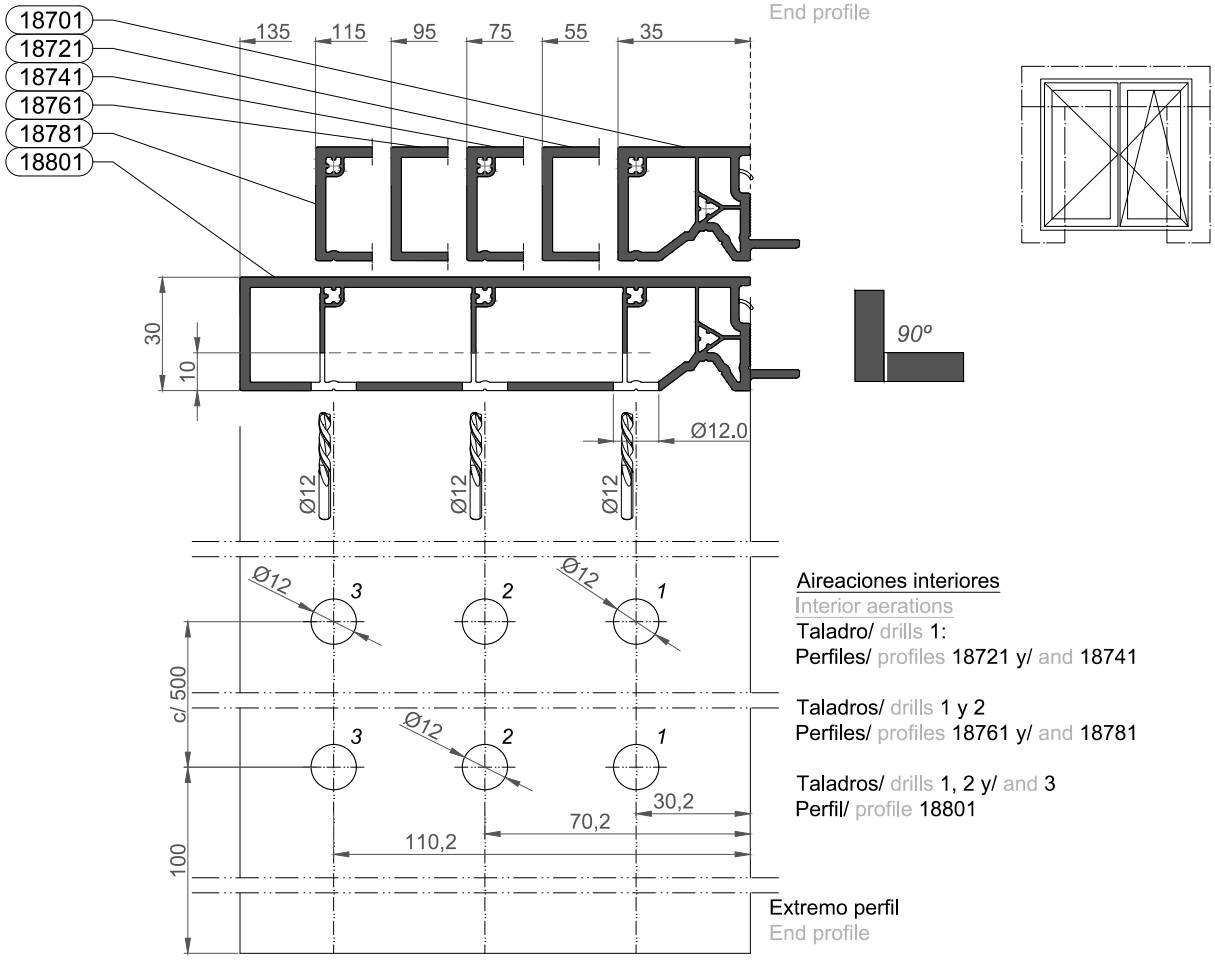
ALARGADERAS Y TAPÉES - AIREACIONES EXTERIORES/ CILLS AND CAPS - EXTERNAL AERATIONS



Aireaciones interiores
Interior aerations
Taladros/ drills 1 y/ and 2:
Perfil/ profile 18601

Taladros/ drills 1, 2 y/ and 3:
Perfil/ profile 18611

Extremo perfil
End profile



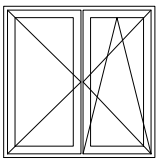
Aireaciones interiores
Interior aerations
Taladro/ drills 1:
Perfiles/ profiles 18721 y/ and 18741

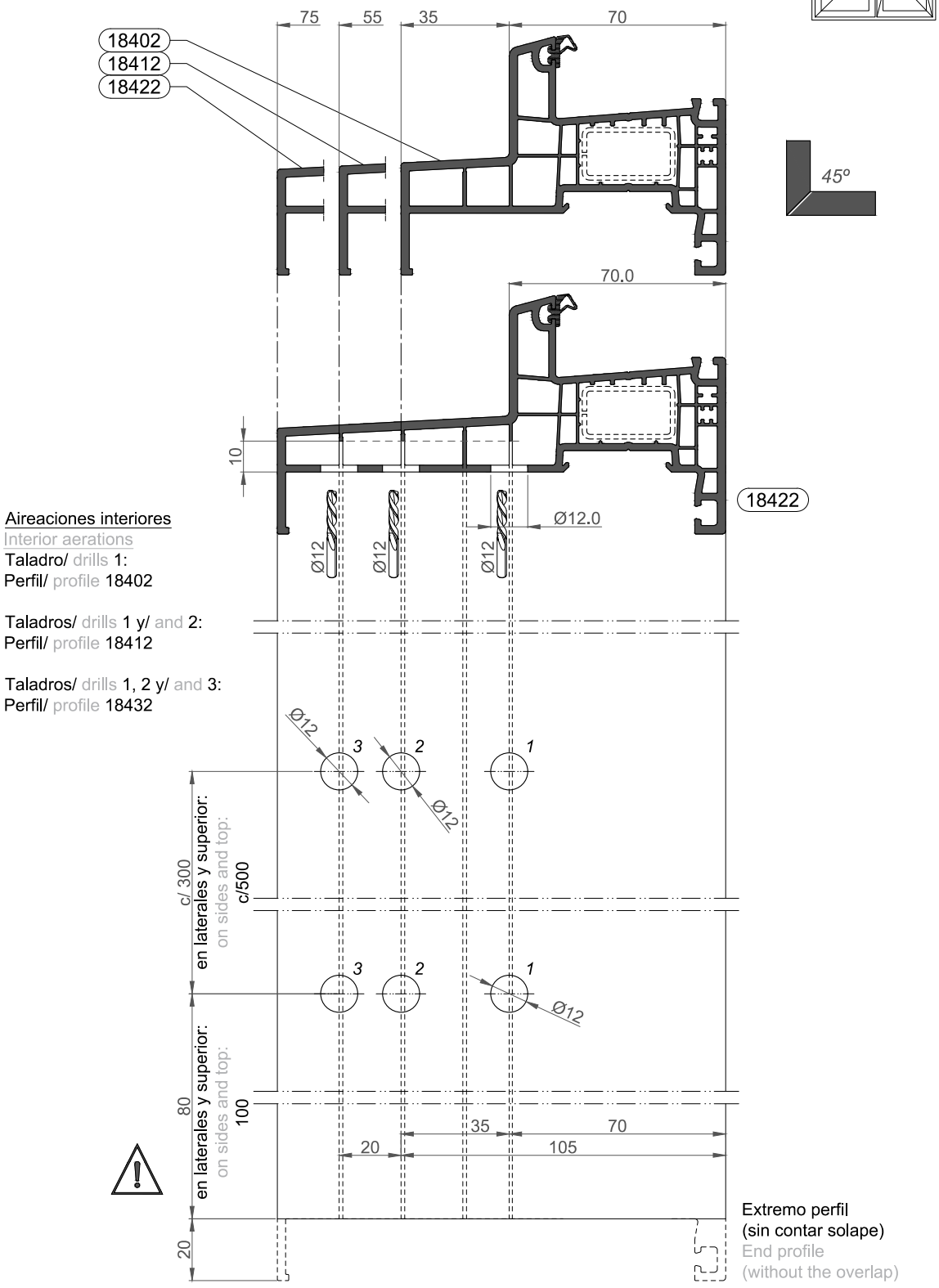
Taladros/ drills 1 y 2
Perfiles/ profiles 18761 y/ and 18781

Taladros/ drills 1, 2 y/ and 3
Perfil/ profile 18801

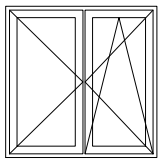
Extremo perfil
End profile

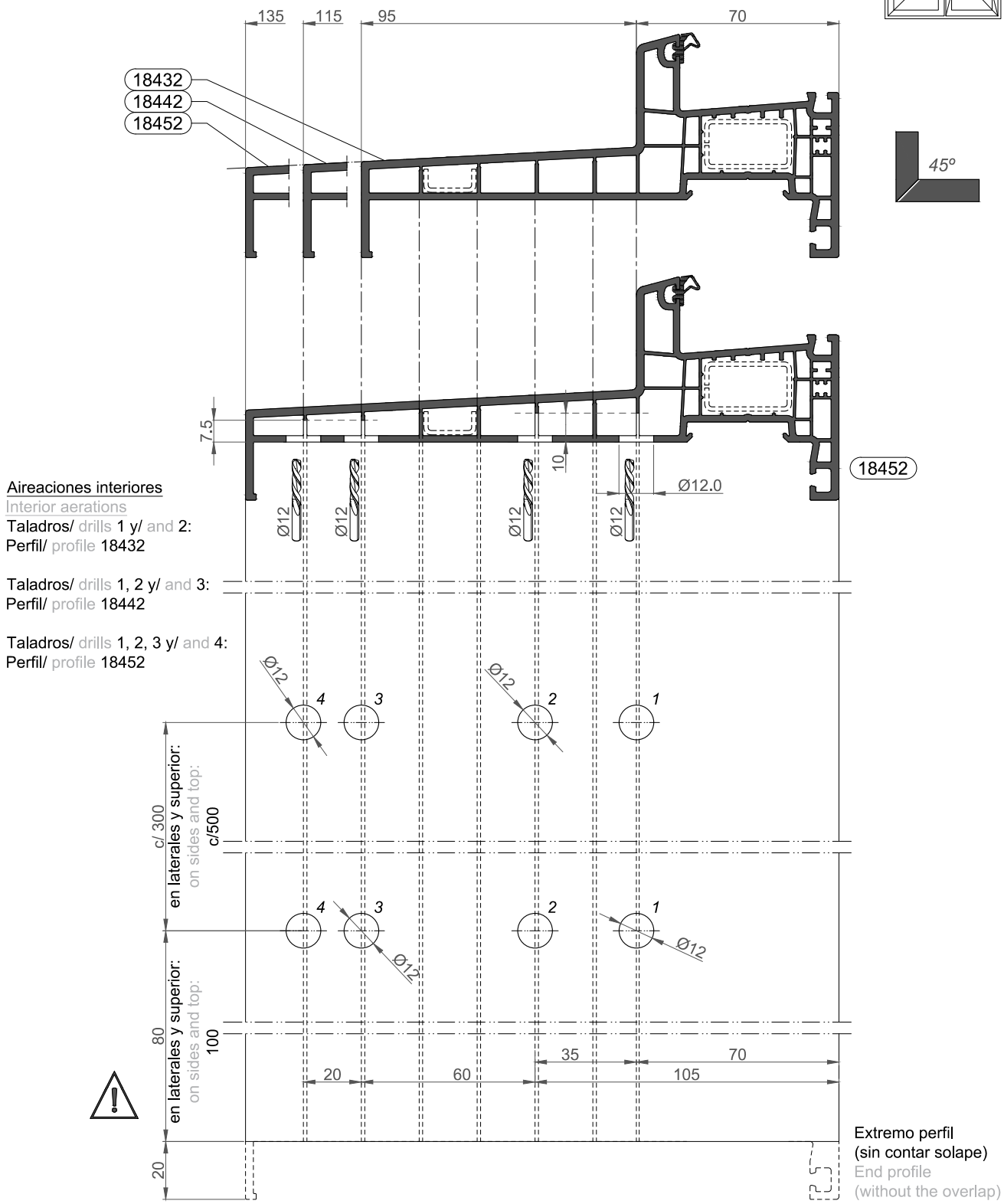
MARCOS MONOBLOC (perimetral) - AIREACIONES EXTERIORES/ MONOBLOC FRAMES (perimeter) - EXTERNAL AERATIONS





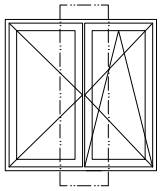
MARCOS MONOBLOC (perimetral) - AIREACIONES EXTERIORES/ MONOBLOC FRAMES (perimeter) - EXTERNAL AERATIONS



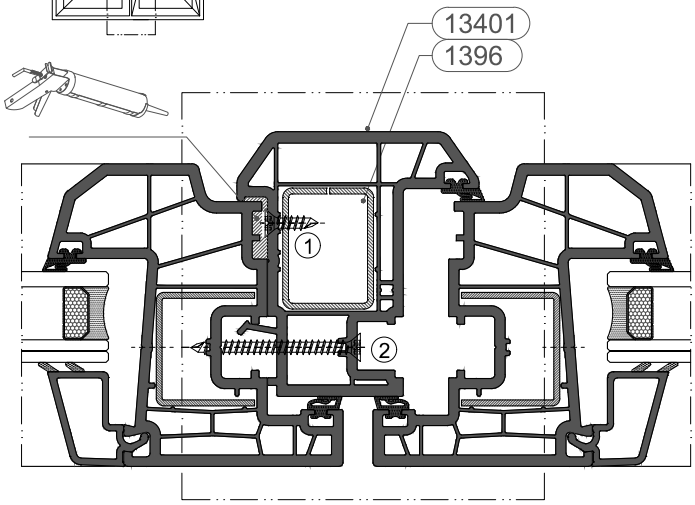


AIREACIÓN - VENTILACIÓN DE INVERSORAS/ AERATION - VENTILATION OF INVERTERS

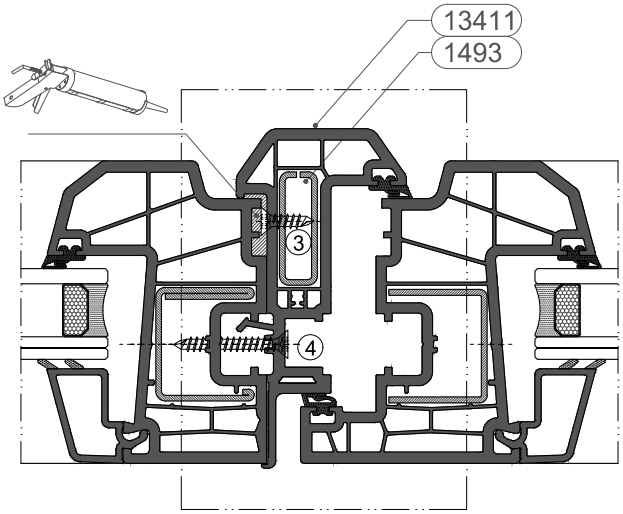
1:2



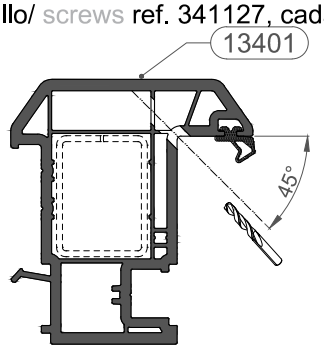
Recomendado realizarse en los casos de los perfiles de color.
Recommended to be done in cases of colour profiles.



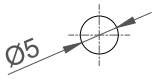
Atornillado de refuerzos e inversoras:
Bolting of reinforcements and inverters:
① Tornillo/ screws ref. 341111, cada 250 mm.
② Tornillo/ screws ref. 341127, cada 300 mm.



Atornillado de refuerzos e inversoras:
Bolting of reinforcements and inverters:
③ Tornillo/ screws ref. 341111, cada 250 mm.
④ Tornillo/ screws ref. 341123, cada 300 mm.

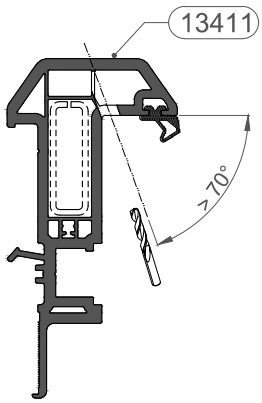


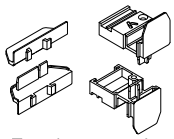
Mecanizado para aireación y ventilación de la cámara exterior del perfil inversor (2 taladros):
Machining for aeration and ventilation of the outward tubular of the inverter profile (2 holes):



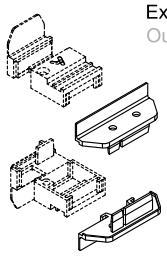
Practicar a 75 mm de los extremos, un taladro en cada extremo.
Debe taladrarse y "romperse" el divisor interior del perfil inversor.
Para los perfiles de color, o con Hh > 1800 mm,
disponer de una ventilación en Hh/2.
Puede practicarse en su lugar los taladros en las propias tapas inversoras, en la pieza exterior.

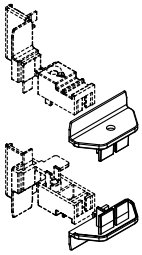
Drill a hole at 75 mm from the ends.
The inner divider of the reversing profile must be drilled and "broken".
For colour profiles, or with Hh > 1800 mm,
have a ventilation in Hh/2.
You can practice drilling in your own holes instead inverter caps, on the outward part.





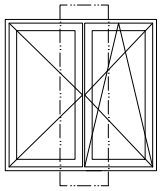
Exterior Outward | Interior Inward





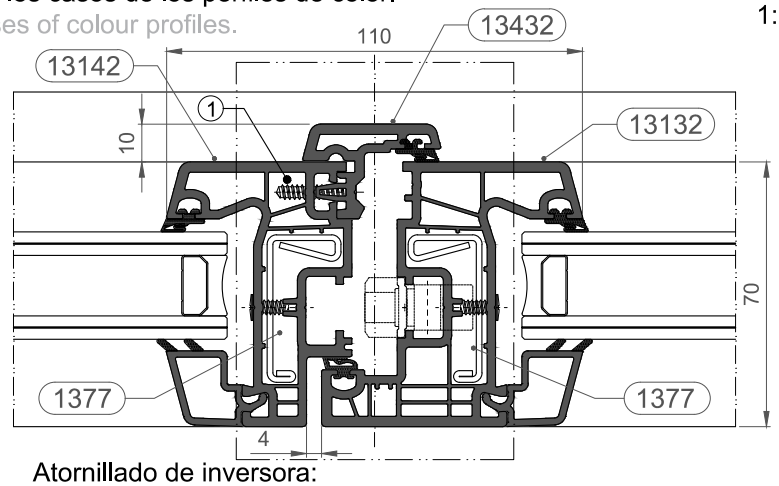
351340 BL /41 M /42 C /43■	351334 BL /35 M /36 C /37■
351344 BL /45 M /46 C /47■	351374 BL /75 M /76 C /77■

AIREACIÓN - VENTILACIÓN DE INVERSORAS/ AERATION - VENTILATION OF INVERTERS

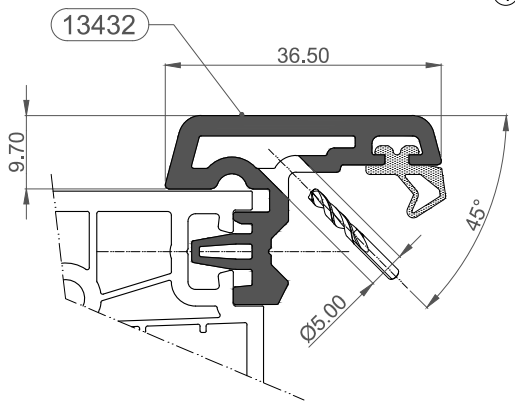


Realizarse siempre en los casos de los perfiles de color.
Always be done in cases of colour profiles.

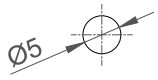
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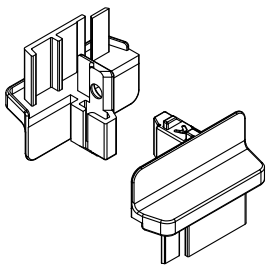
Atornillado de inversora:
Bolting of inverters:
① Tornillo/ screws ref. 341122, cada/ every 200 mm



Mecanizado para aireación y ventilación de la cámara exterior del perfil inversor (2 taladros):
Machining for aeration and ventilation of the outward tubular of the inverter profile (2 holes):



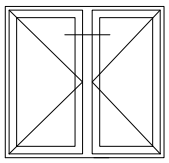
Practicar a 75 mm de los extremos, un taladro en cada extremo.
Para los perfiles de color, o con Hh > 1800 mm,
disponer de una ventilación en Hh/2.
Precaución al practicar los taladros para no marcar el tabique exterior.
Puede practicarse en su lugar los taladros en las propias tapas inversoras, en la pieza exterior.
Drill a hole at 75 mm from the ends.
For colour profiles, or with Hh > 1800 mm,
have a ventilation in Hh/2.
Be careful when drilling holes so as not to mark the exterior tubular.
You can practice drilling in your own holes instead inverter caps, on the outward part.



Juego tapas inversor exterior Outer inverter covers kit
411360 BL /61 M /62 C /63 ■

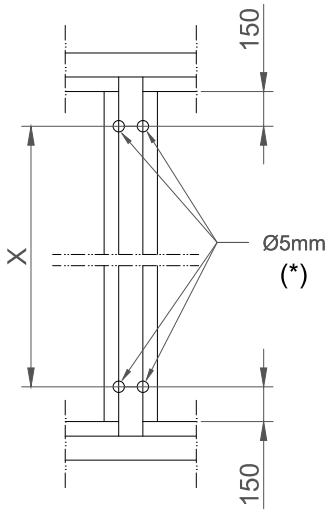
■ Negro Black · ■ Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel · P Plata Silver

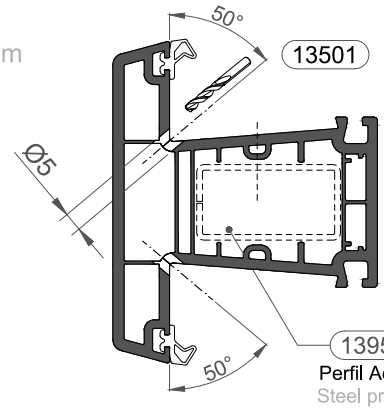
DRENAJE Y VENTILACIÓN DE TRAVESAÑOS/ DRAINAGE AND VENTILATION OF TRANSOMS

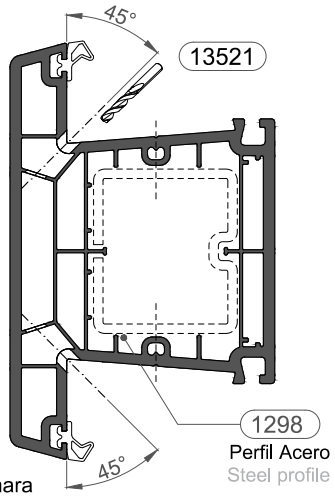


Poste divisor vertical
Vertical dividing transom

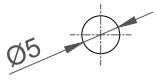
Recomendado realizarse en los casos de los perfiles de color.
Recommended to be done in cases of colour profiles.



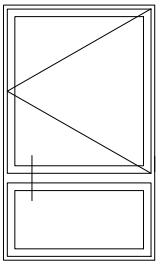




Mecanizado para aireación y ventilación de la cámara exterior del perfil inversor (2 taladros):
Machining for aeration and ventilation of the outward tubular of the inverter profile (2 holes):

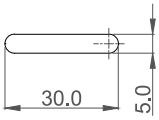


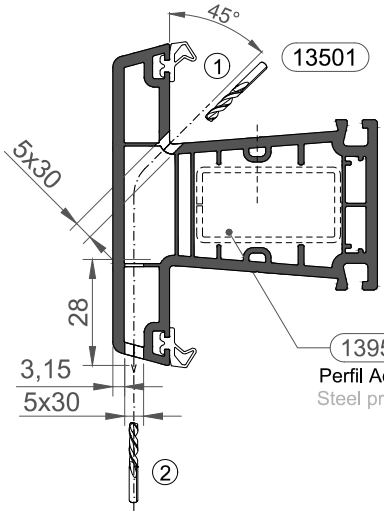
(*) Para los perfiles de color, o con Hh > 1600 mm, disponer de una ventilación en X/2.
(*) For colour profiles, or with Hh > 1600 mm, have a ventilation in X/2.

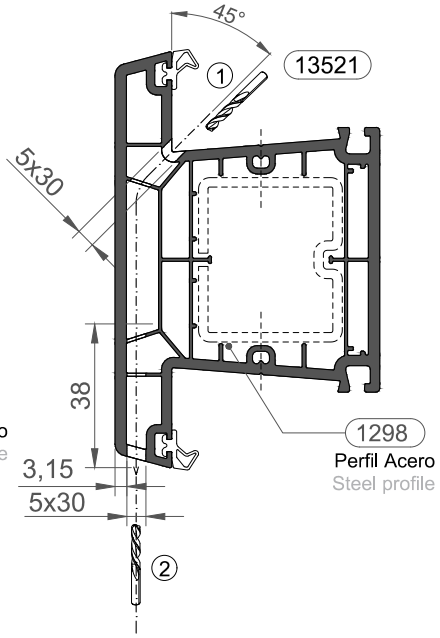


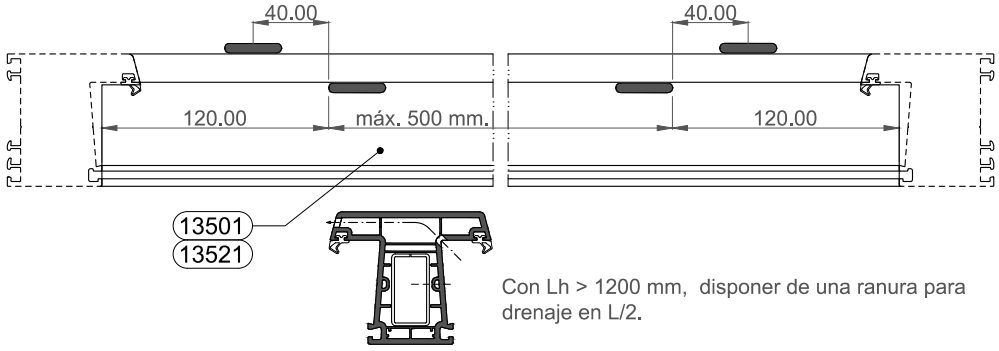
Divisor horizontal
Horizontal divider

Mecanizados para drenajes (ocultos):
Mechanized for drains (hidden):
Tipos/ Types 1 y/ and 2





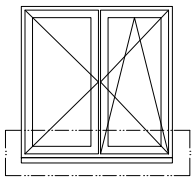


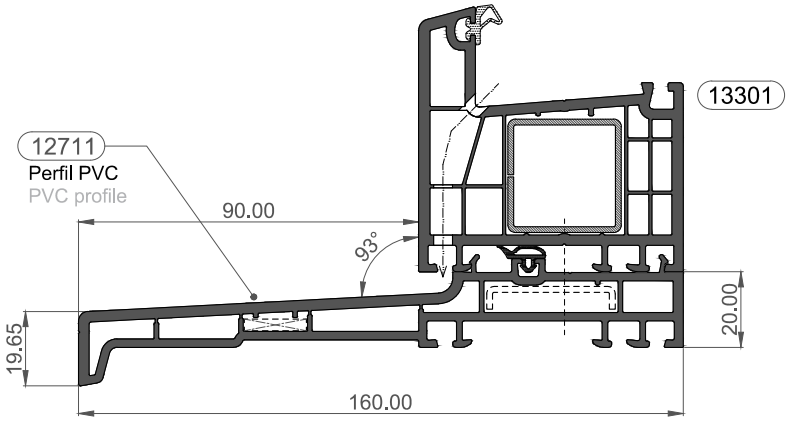


Con Lh > 1200 mm, disponer de una ranura para drenaje en L/2.

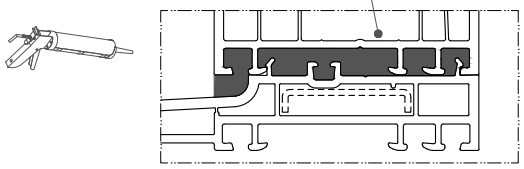
BANDEJA - VIERTEAGUAS. SELLADO/ DRIP CAP - TRAYS. SEALED

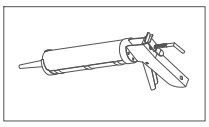
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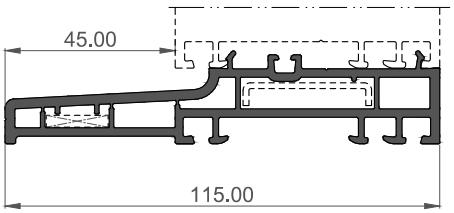
Zonas a sellar convenientemente en los laterales; unión marco con bandeja. Emplear silicona transparente.
Areas to be conveniently sealed on the sides; frame union with tray. Use transparent silicone.



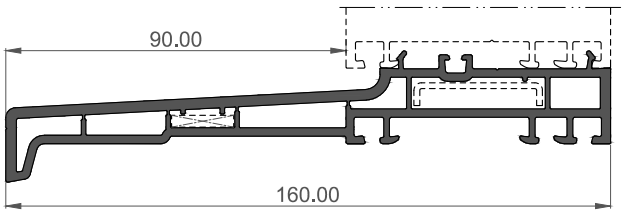


Sellar convenientemente los extremos del perfil en su unión al marco y a la guía de persiana, si la hubiere.
Suitably seal the ends of the profile where it joins the frame and the blind guide, if any.

asegurar su pegado en la puesta en obra.
ensure its bonding in the installation.



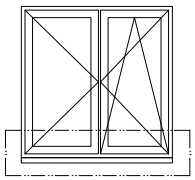
12721 Bandeja vierte-aguas 45mm.
45 mm drip cap tray



12711 Bandeja vierte-aguas 90mm.
90 mm drip cap tray

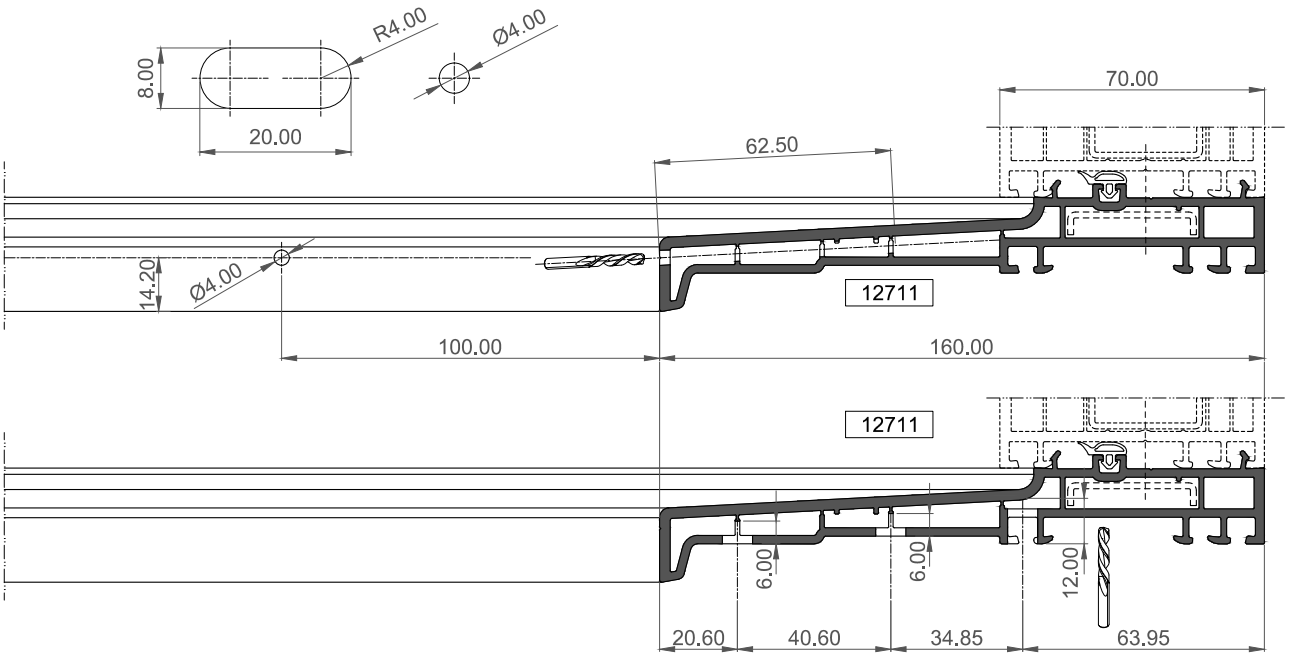
BANDEJA - VIERTEAGUAS. VENTILACIONES/ DRIP CAP - TRAYS. VENTILATION

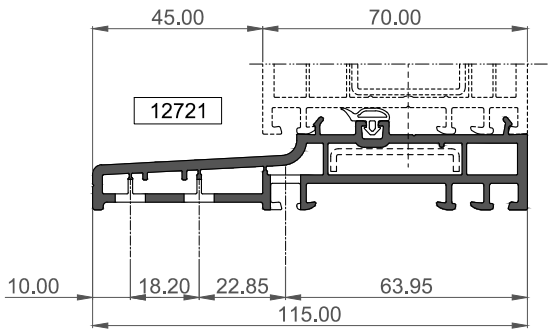
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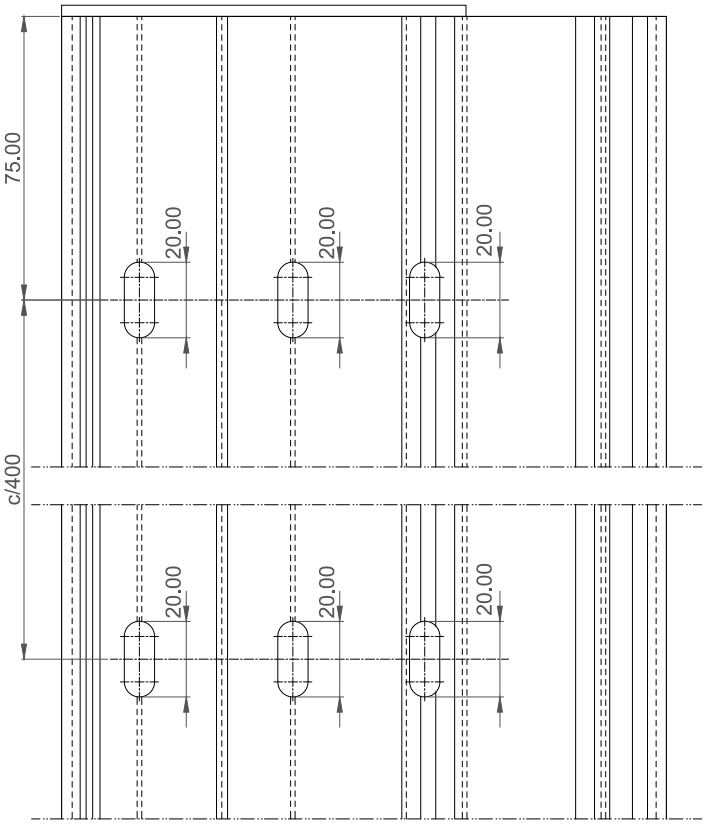


Taladros para ventilación de las cámaras.
(Necesario en los perfiles de bandeja de color y/o foliados, y recomendable en los perfiles en color blanco.)
Frente del perfil: Taladro de Ø4 mm. en cada extremo a 100 mm.
Fondo del perfil: Rotura de la división de cámaras mediante colisos de Ø8x20 mm. A 75 mm. de cada extremo y cada 400 mm.

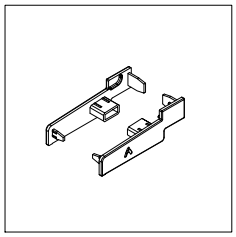
Holes for chamber ventilation.
(Necessary in colour and/or foliated tray profiles, and recommended in white profiles.)
Profile front: Ø4 mm hole. at each end 100 mm.
Bottom of the profile: Rupture of the tubular division by means of Ø8x20 mm slots. at 75mm from each end and every 400 mm.







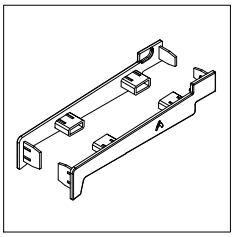
TAPAS LATERALES PARA BANDEJAS VIERTEAGUAS/ SIDE COVERS FOR DRIP CAP TRAYS



Juego tapas laterales bandeja 45
Lateral covers set for 45 tray
351285 BL /86 M /87 C /88 ■

Nota/ Note:
Para bandeja inferior ref.:12721.
For lower tray ref.:12721.

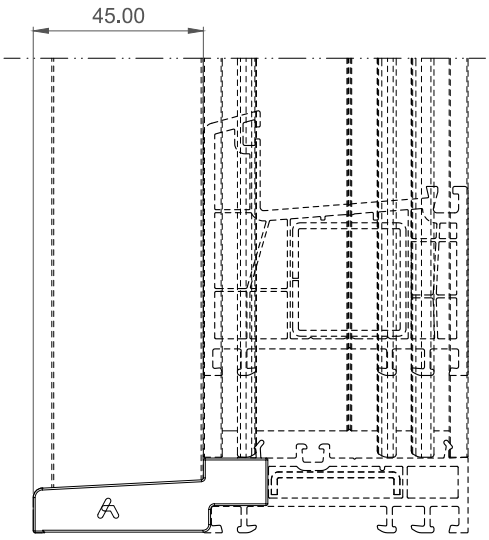
BL Blanco White · M Marrón Brown · C Caramelo Caramel · ■ Negro Black

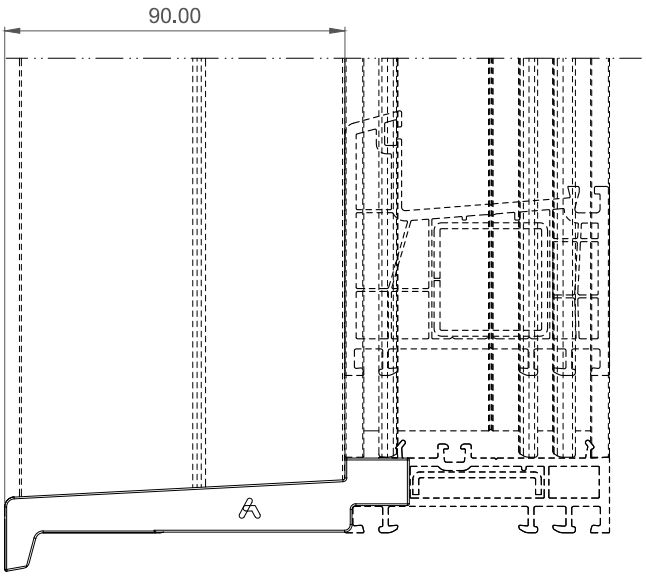


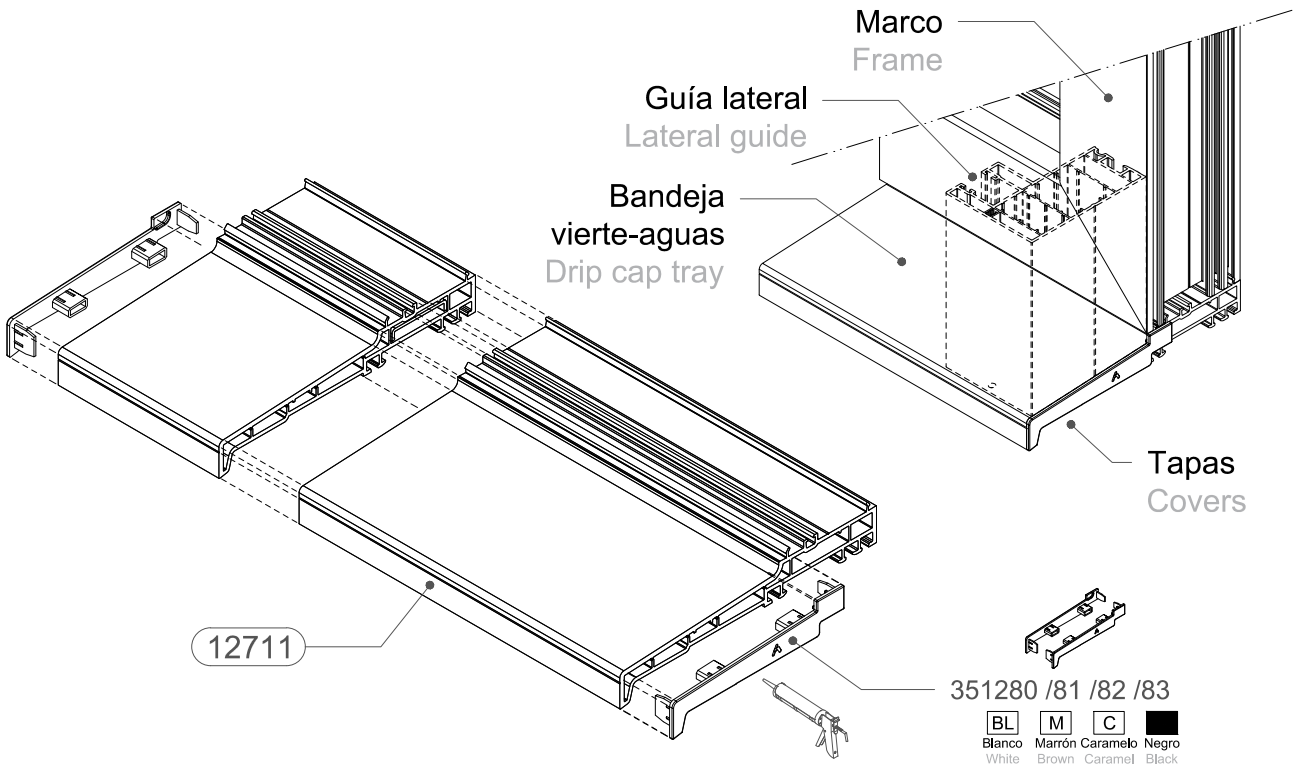
Juego tapas laterales bandeja 90
Lateral covers set for 90 tray
351280 BL /81 M /82 C /83 ■

Nota/ Note:
Para bandeja inferior ref.:12711.
For lower tray ref.:12711.

BL Blanco White · M Marrón Brown · C Caramelo Caramel · ■ Negro Black

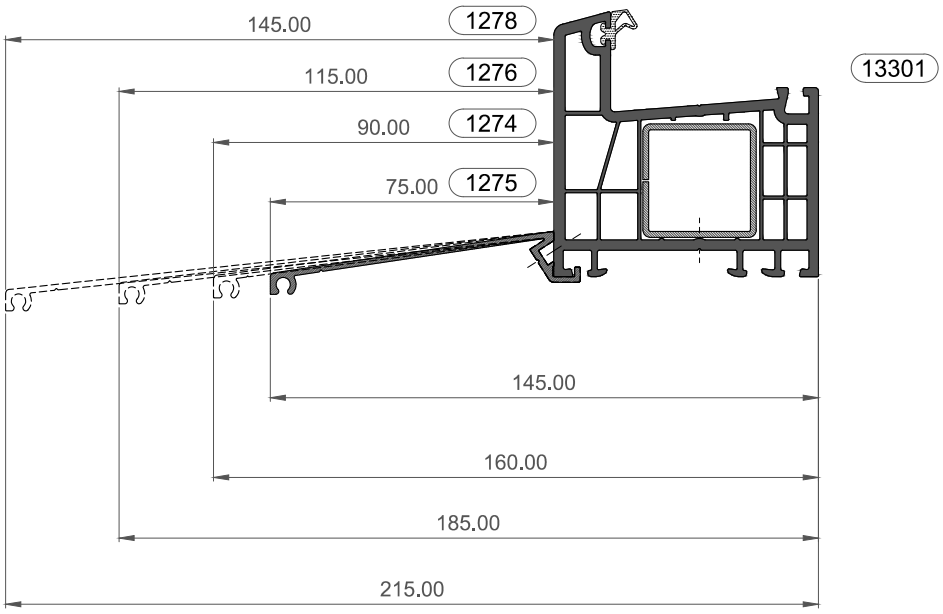


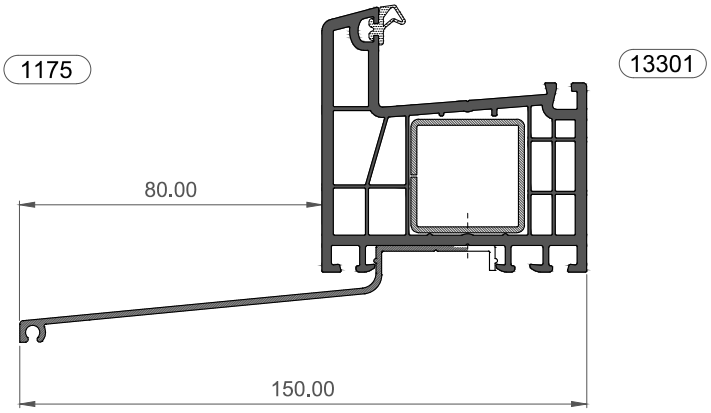




ALARGADERAS DE ALUMINIO/ ALUMINIUM CILL

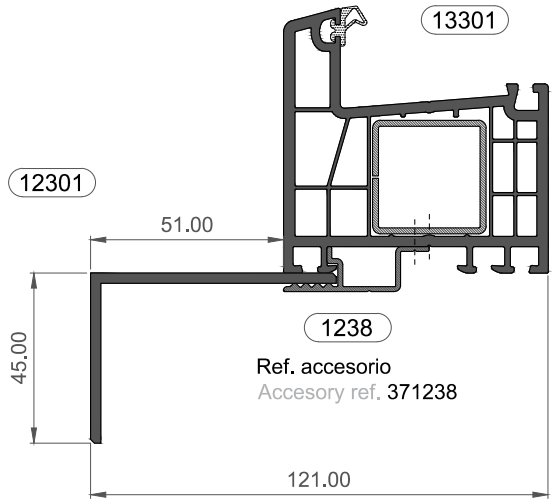
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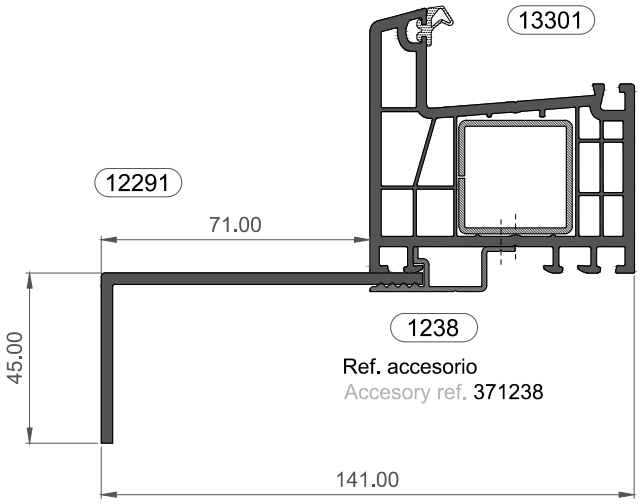


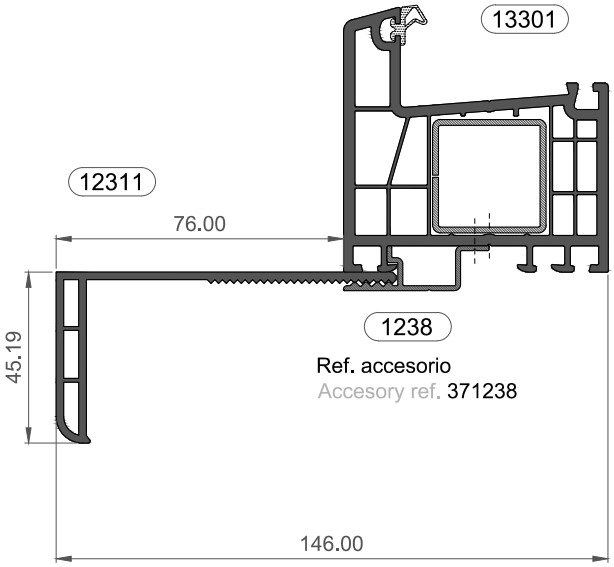


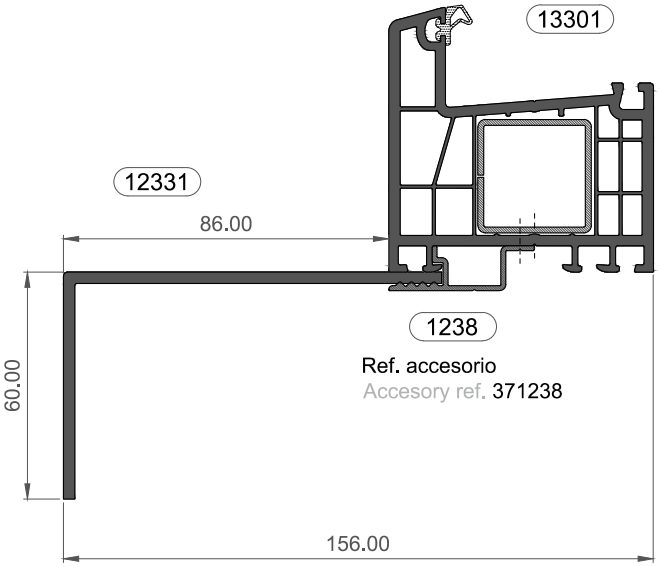
GRAPA DE ALUMINIO PARA ÁNGULOS/ ALUMINIUM CLIP FOR ANGLES

1:2





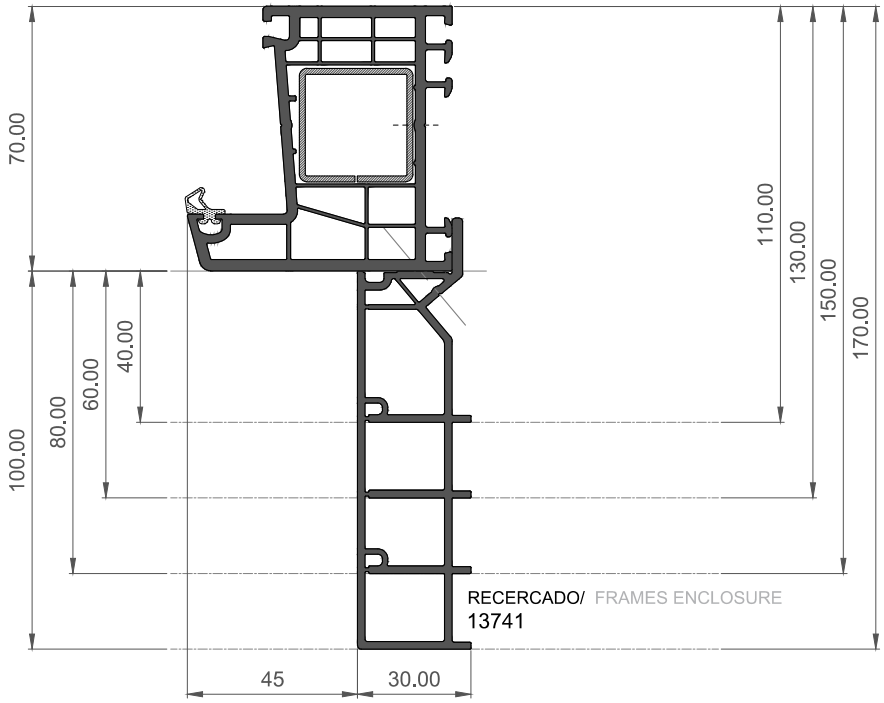




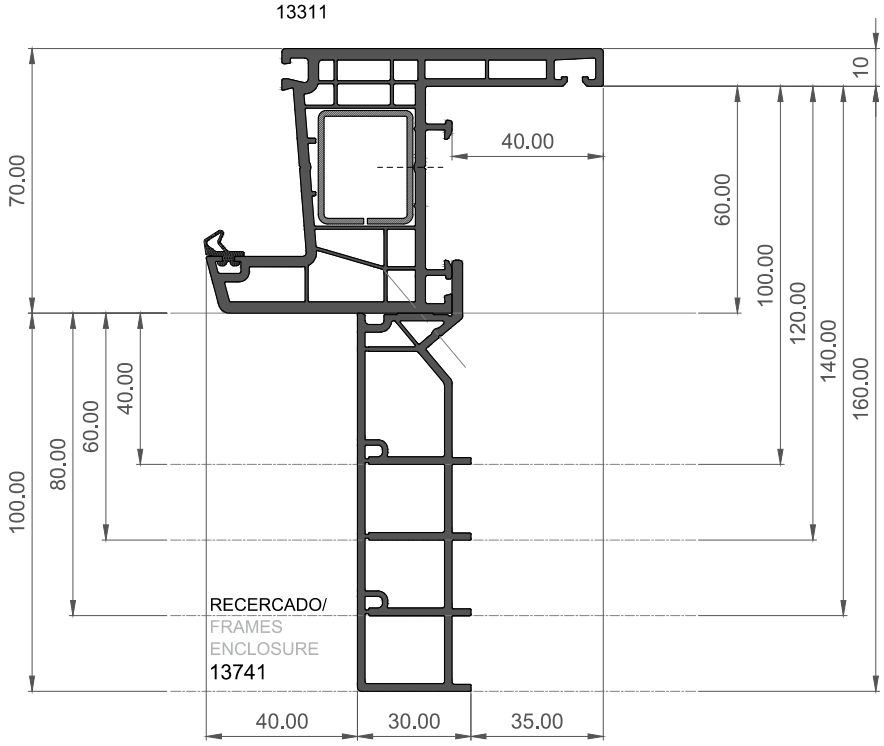
REMATE DE MARCOS PARA PUESTA EN OBRA/ AUCTION OF FRAMES FOR INSTALLATION

1:2

MARCO/ FRAME
13301

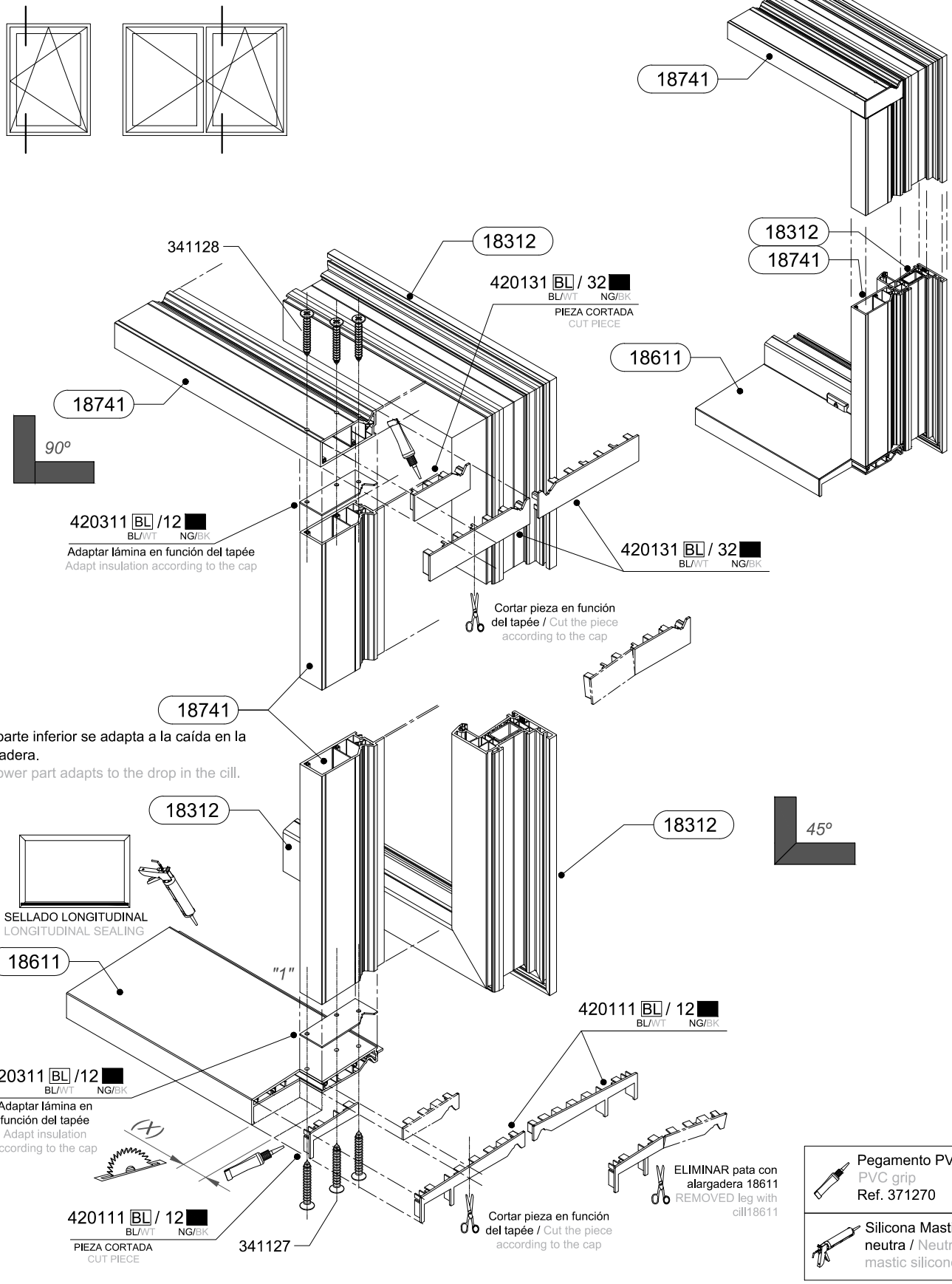


MARCO CON SOLAPE/ FRAME WITH OVERLAP
13311



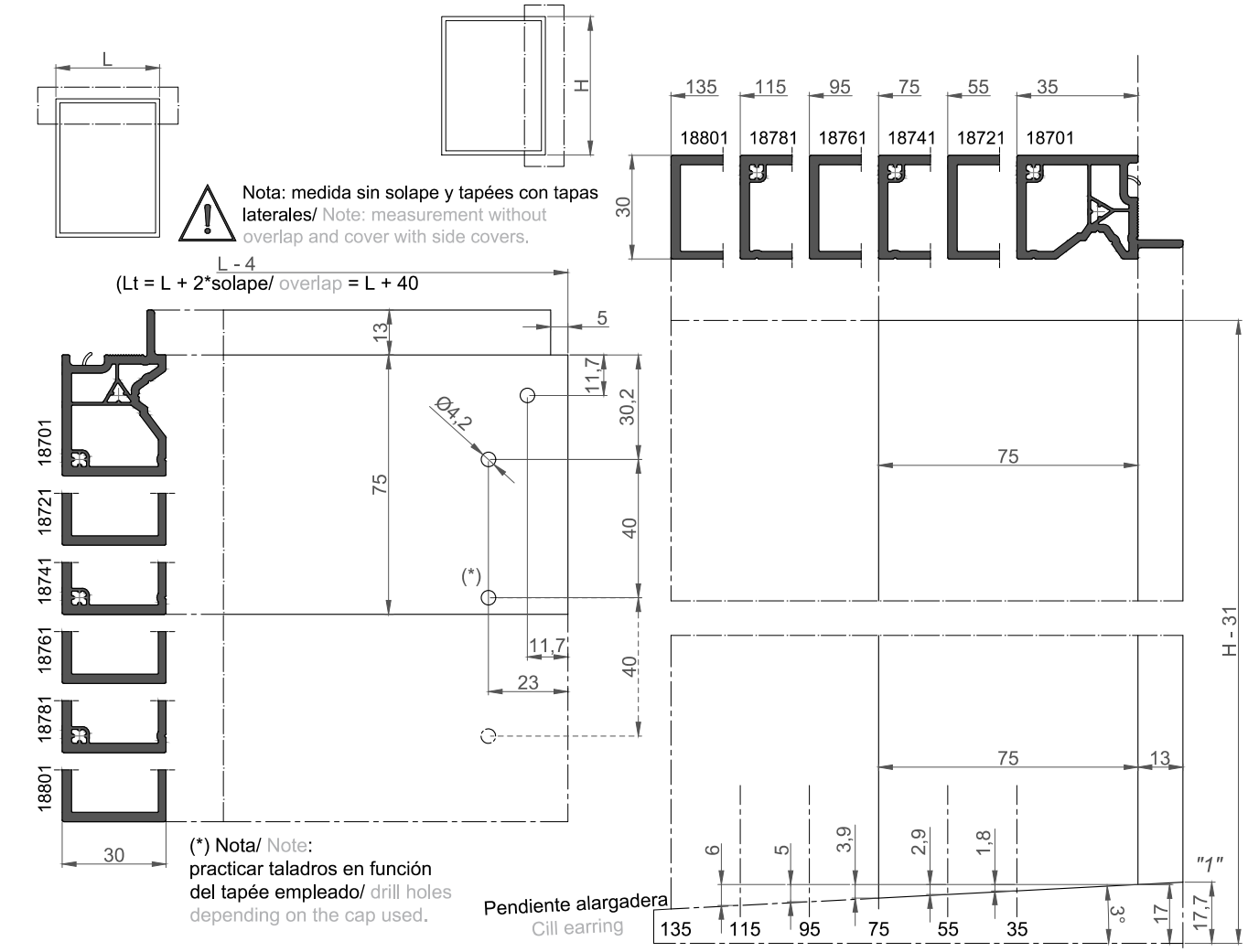
MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

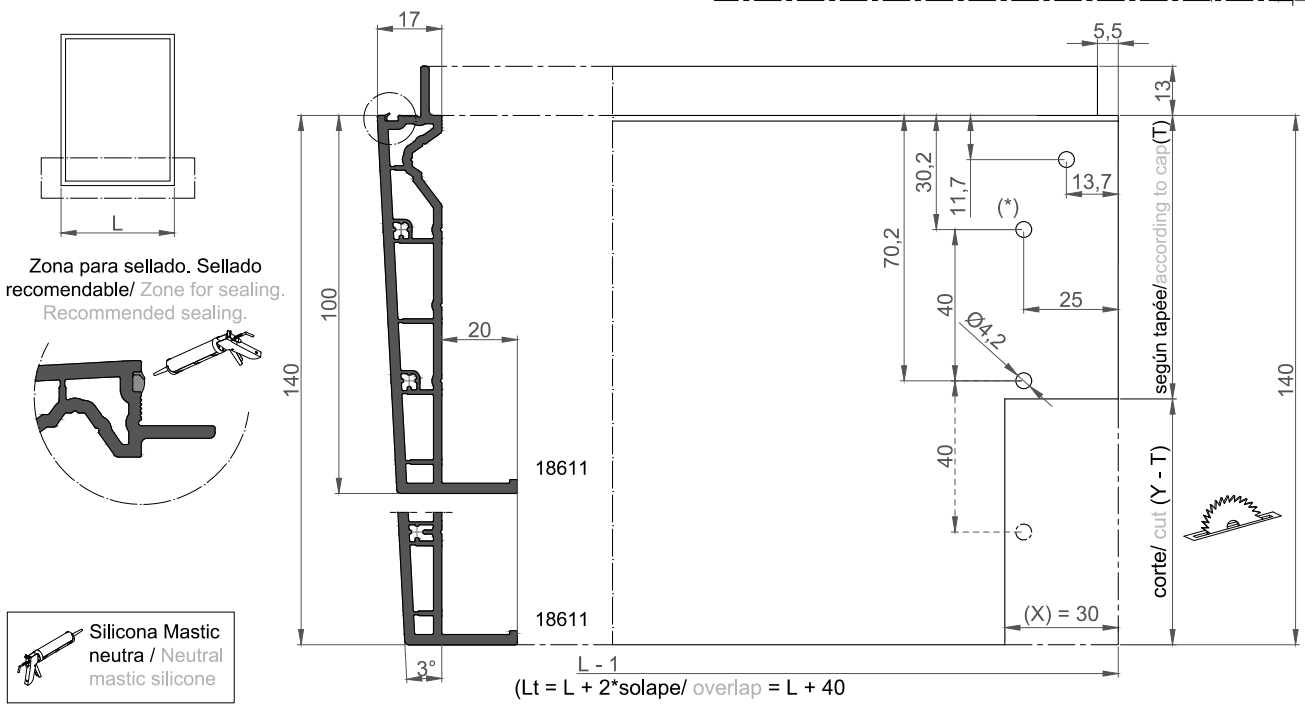
Tapée sobre alargadera/ Cap on cill



MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

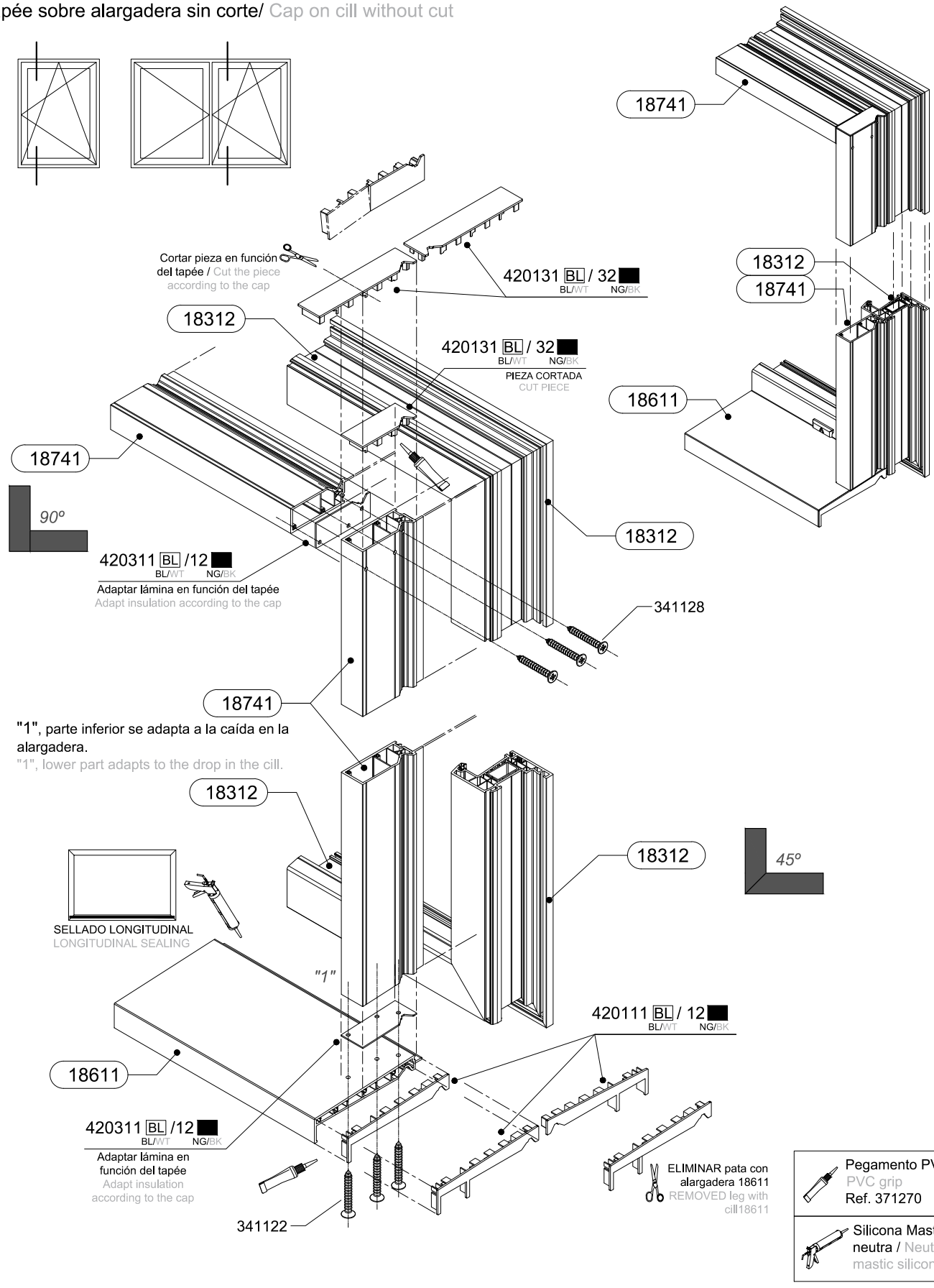
Tapée sobre alargadera/ Cap on cill (Mecanizado de perfiles/ profiles machining)





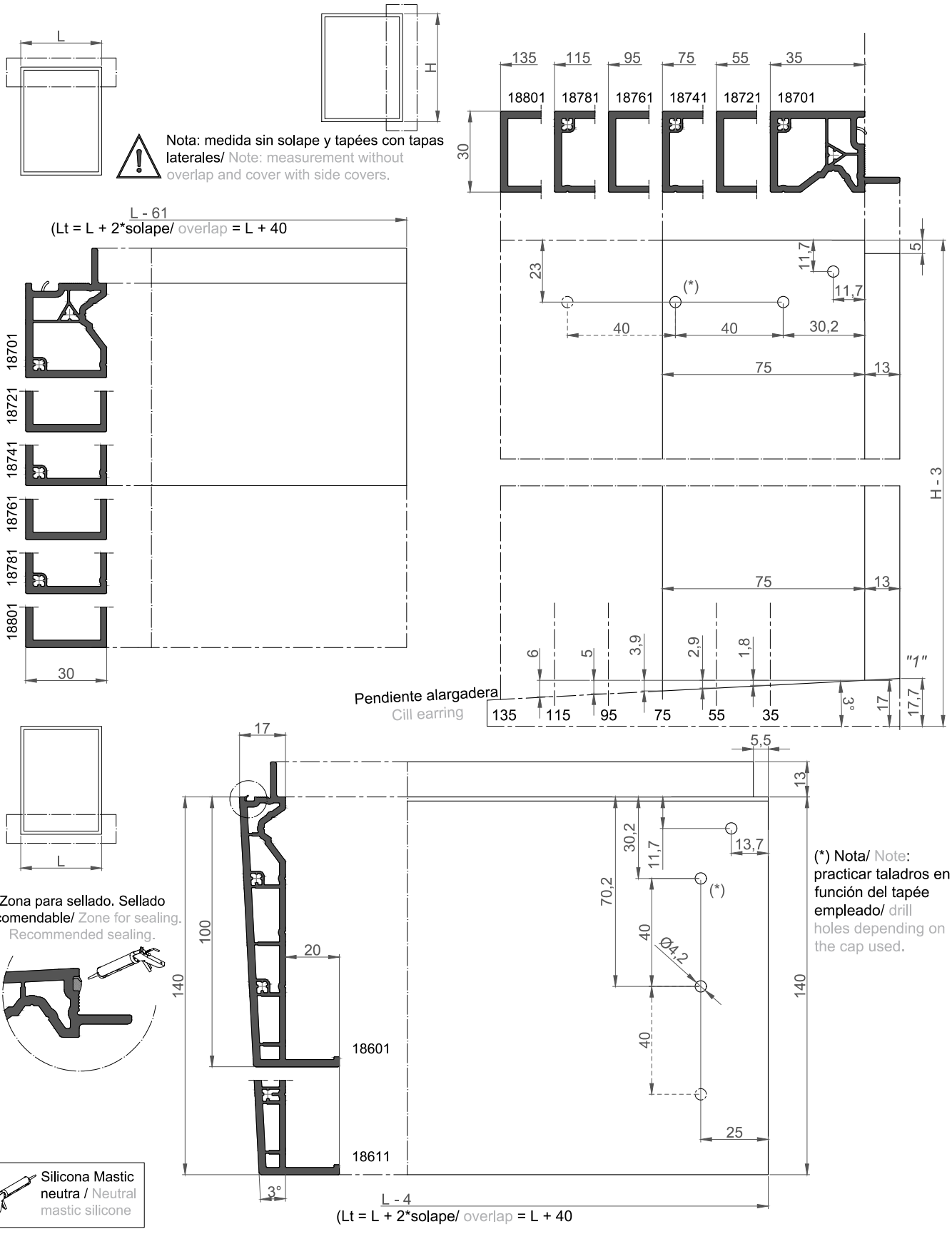
MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

Tapée sobre alargadera sin corte/ Cap on cill without cut



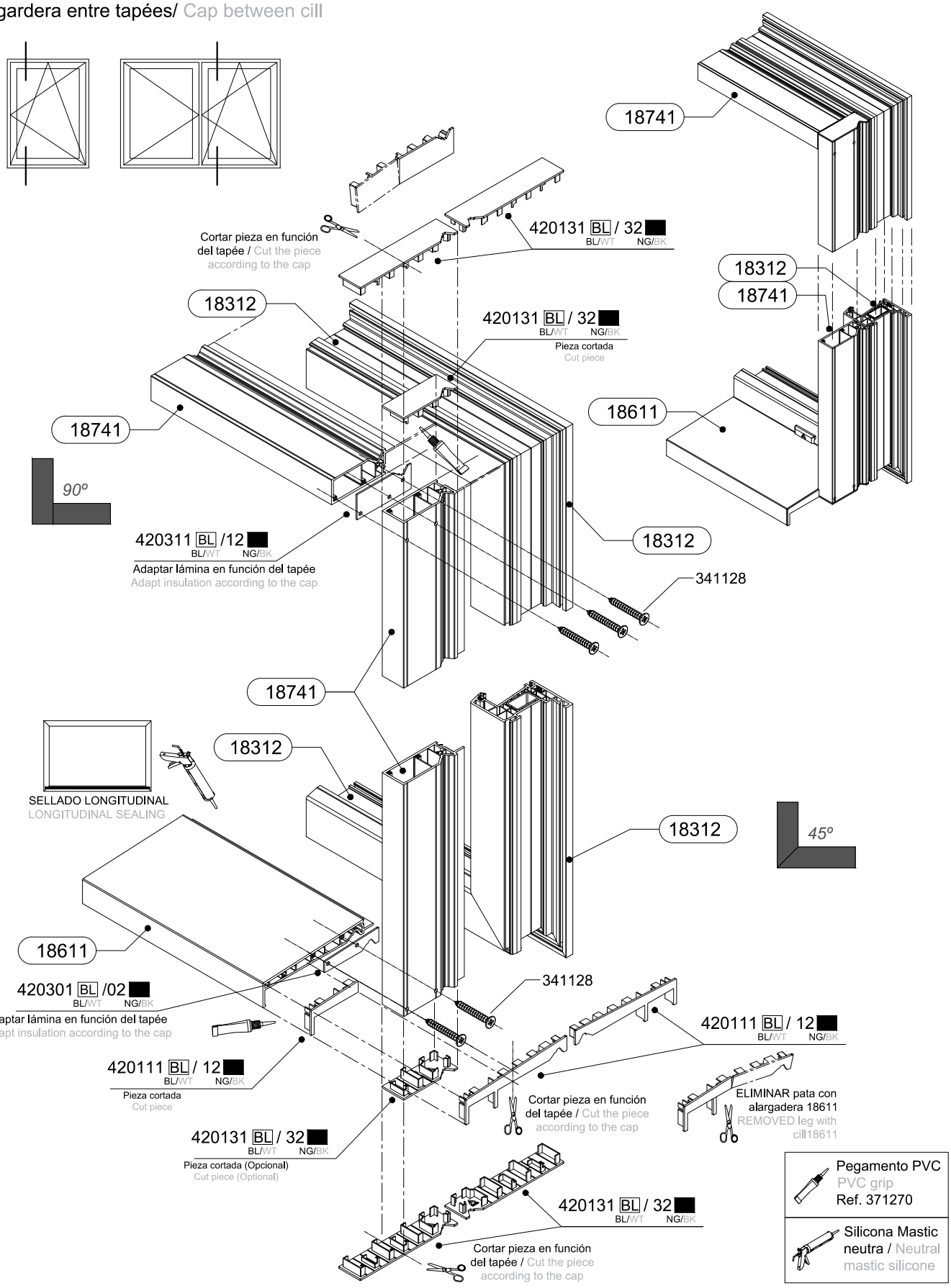
MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

Tapée sobre alargadera sin corte/ Cap on cill without cut (Mecanizado de perfiles/ profiles machining)



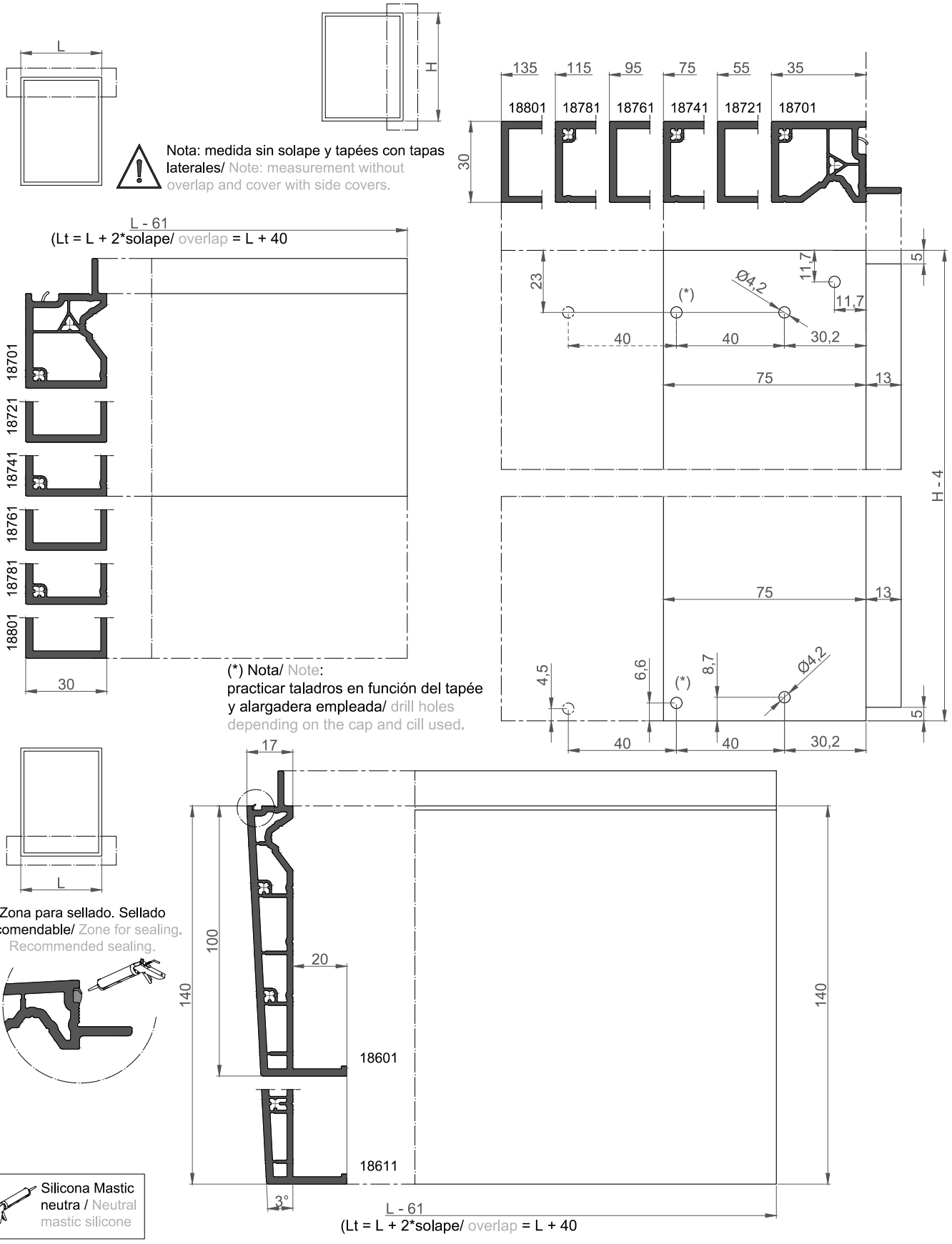
MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

Alagardera entre tapées/ Cap between cill

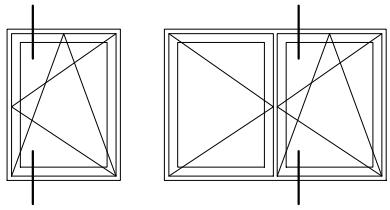


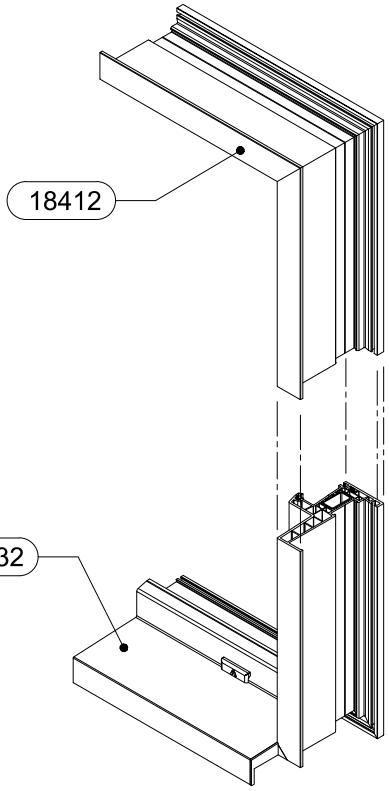
MONTAJE MARCO CON ALARGADERA Y TAPÉES/ FRAME ASSEMBLY WITH CILL AND CAPS

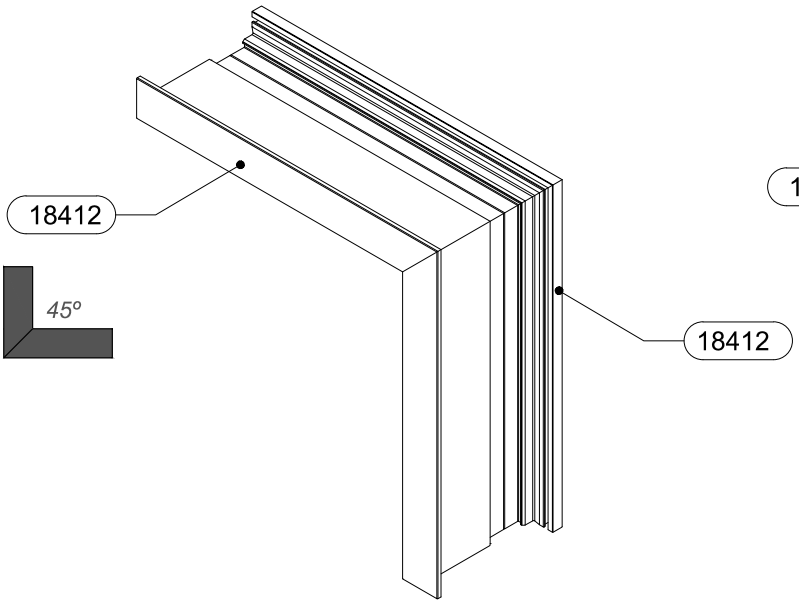
Alagardera entre tapées/ Cap between cill (Mecanizado de perfiles/ profiles machining)

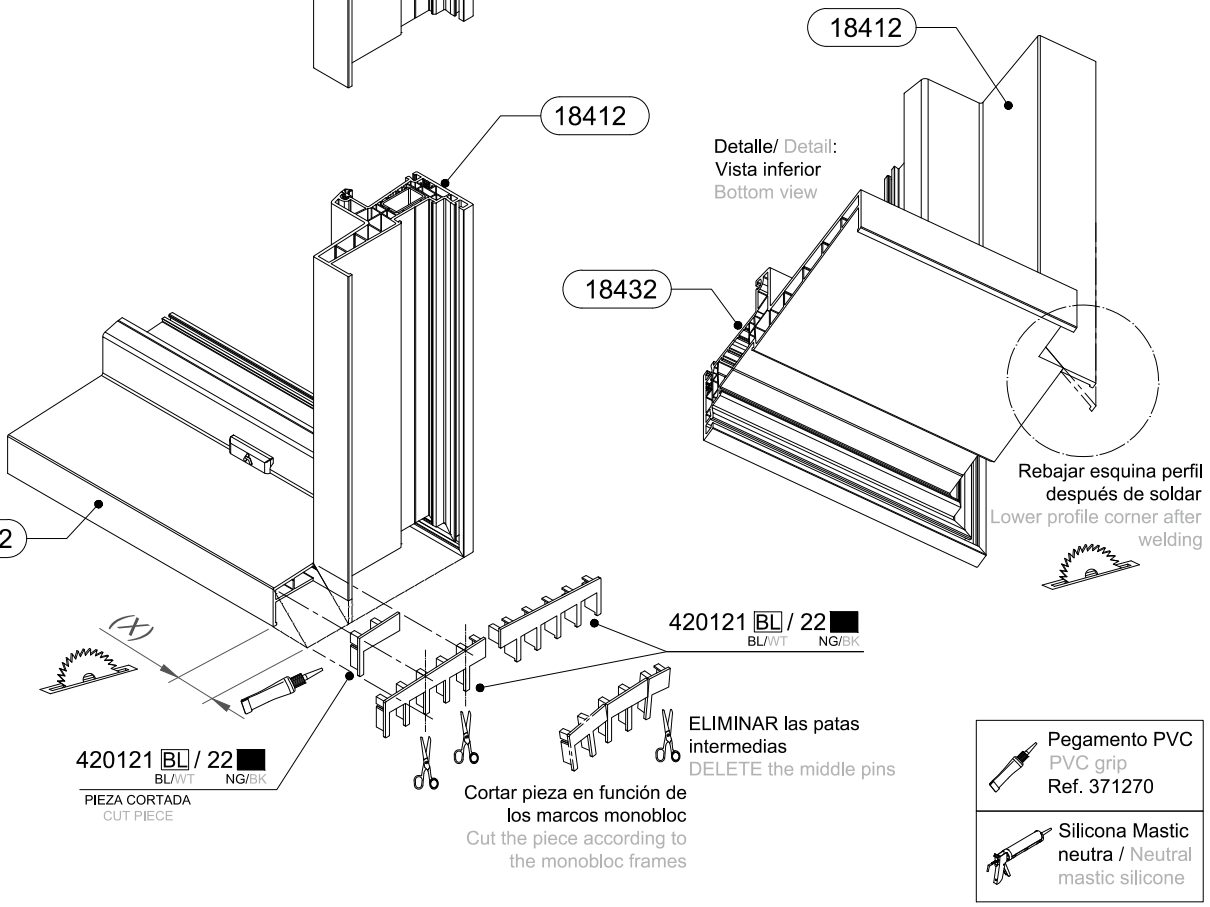


MONTAJE MARCO MARCO MONOBLOC PERIMETRAL/ FRAME ASSEMBLY PERIMETER MONOBLOC FRAME







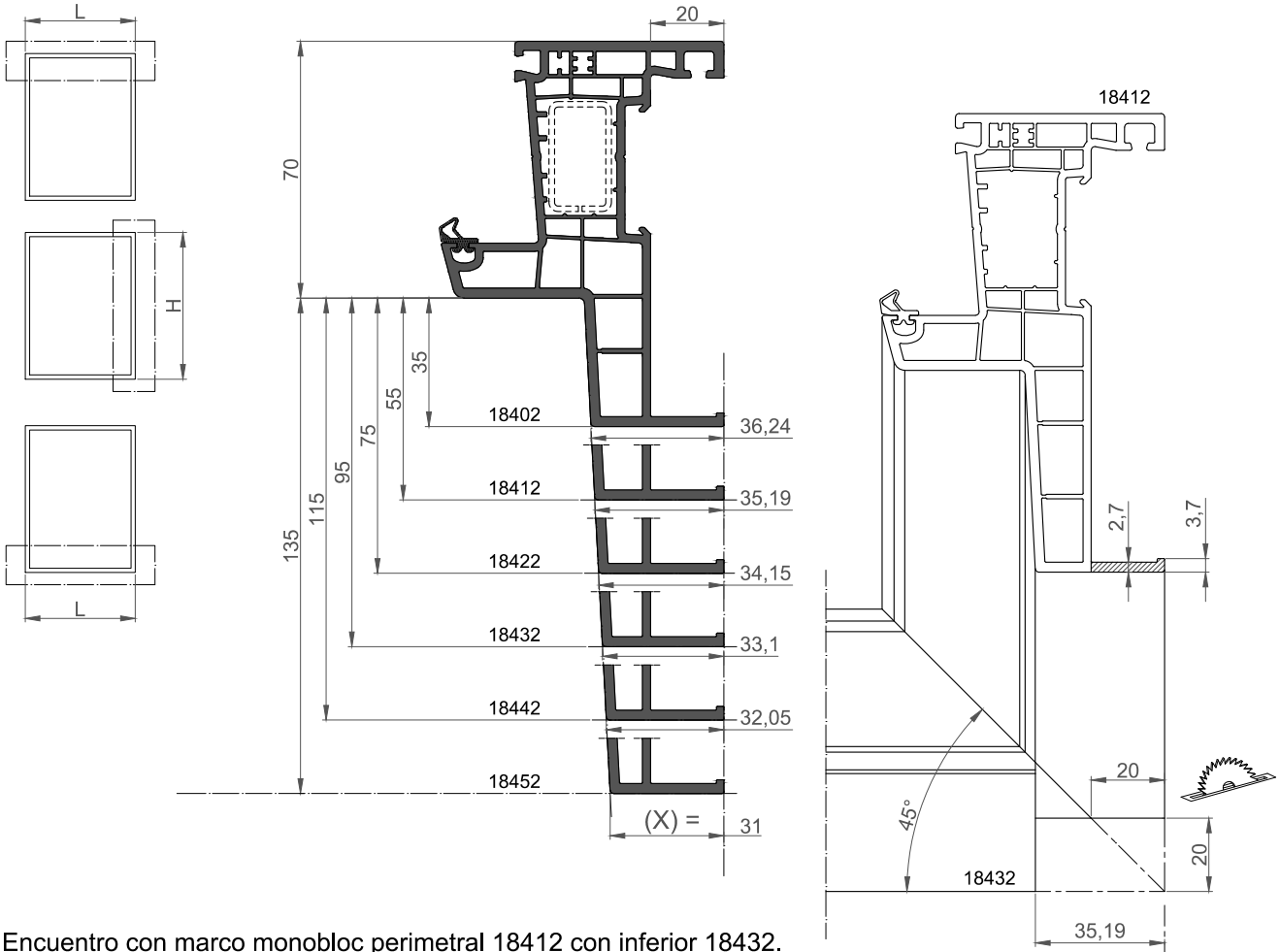


Pegamento PVC
PVC grip
Ref. 371270

Silicona Mastic
neutra / Neutral
mastic silicone

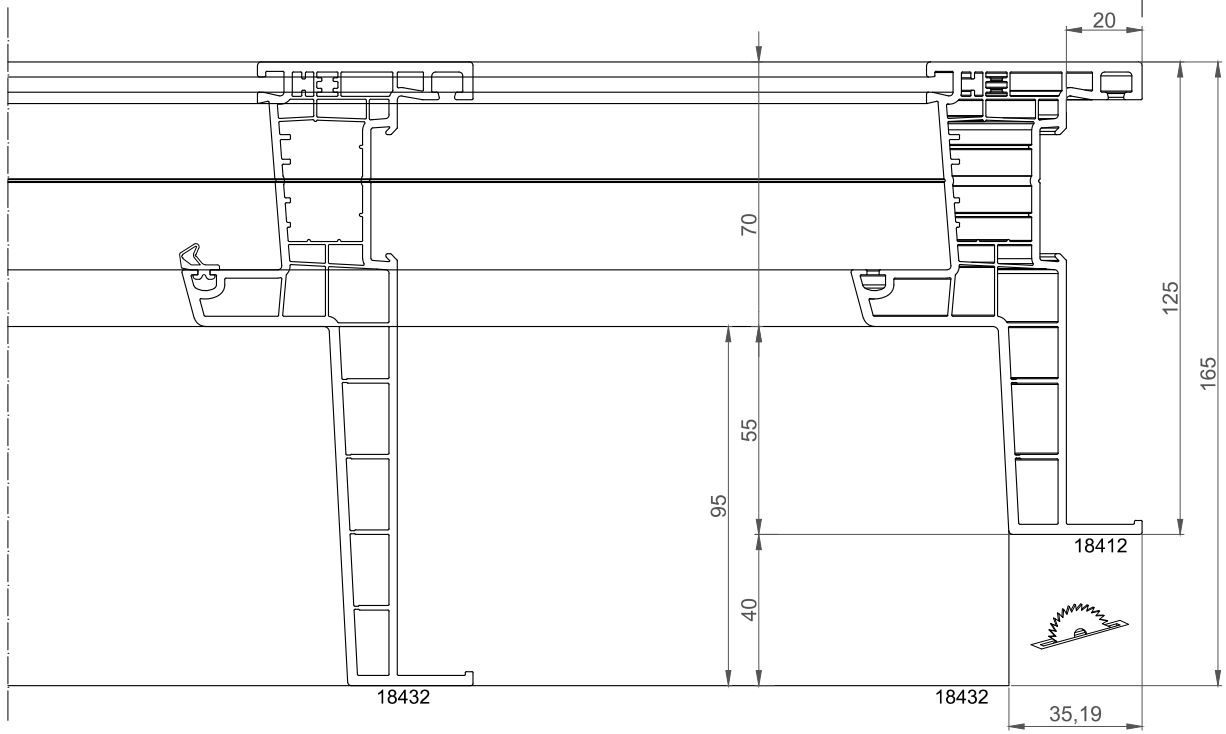
MONTAJE MARCO MARCO MONOBLOC PERIMETRAL/ FRAME ASSEMBLY PERIMETER MONOBLOC FRAME

(Mecanizado de perfiles/ profiles machining)

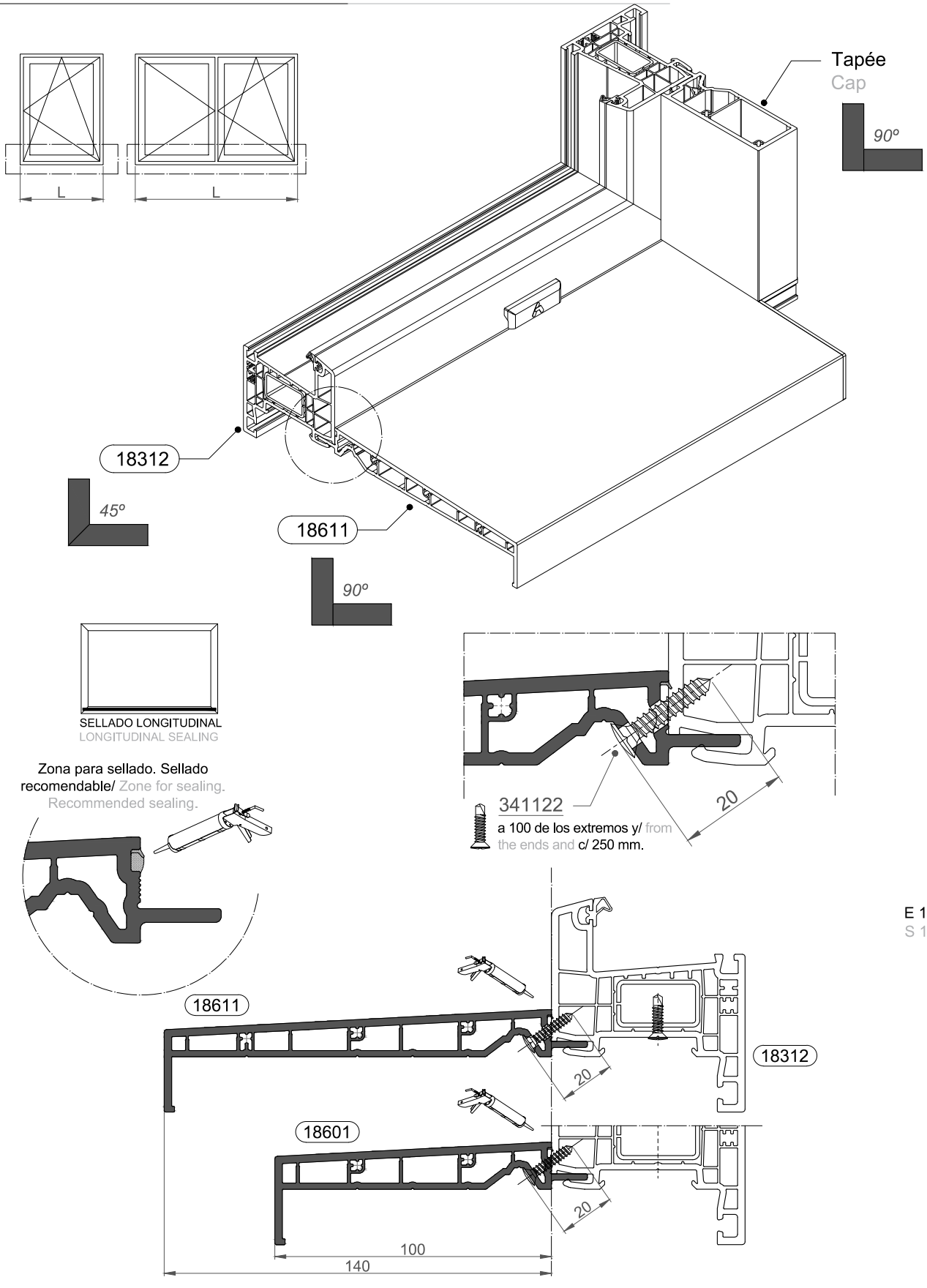


Encuentro con marco monobloc perimetral 18412 con inferior 18432.

Detail with perimeter monobloc frame 18412 with profile 18432.



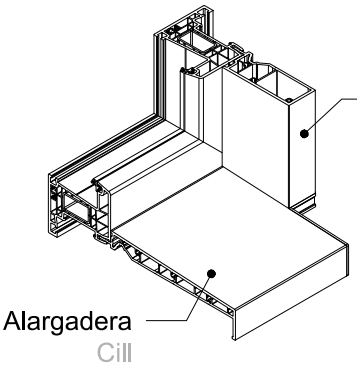
MONTAJE ALARGADERA CON EL MARCO/ ASSEMBLY CILL WITH THE FRAME

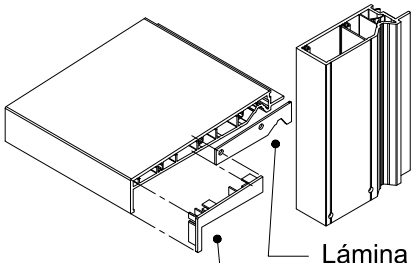


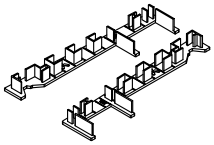
TAPAS LATERALES Y LÁMINAS DE SELLADO/ SIDE COVERS AND GASKET WATERTIGHTNESS

Perfiles alargaderas (inferiores)/ Cill profiles (bottom)

E 1:2
S 1:2



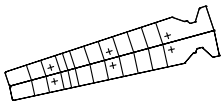




Juego tapas laterales alargaderas

420111 BL / 12 ■ / 13 M / 14 C

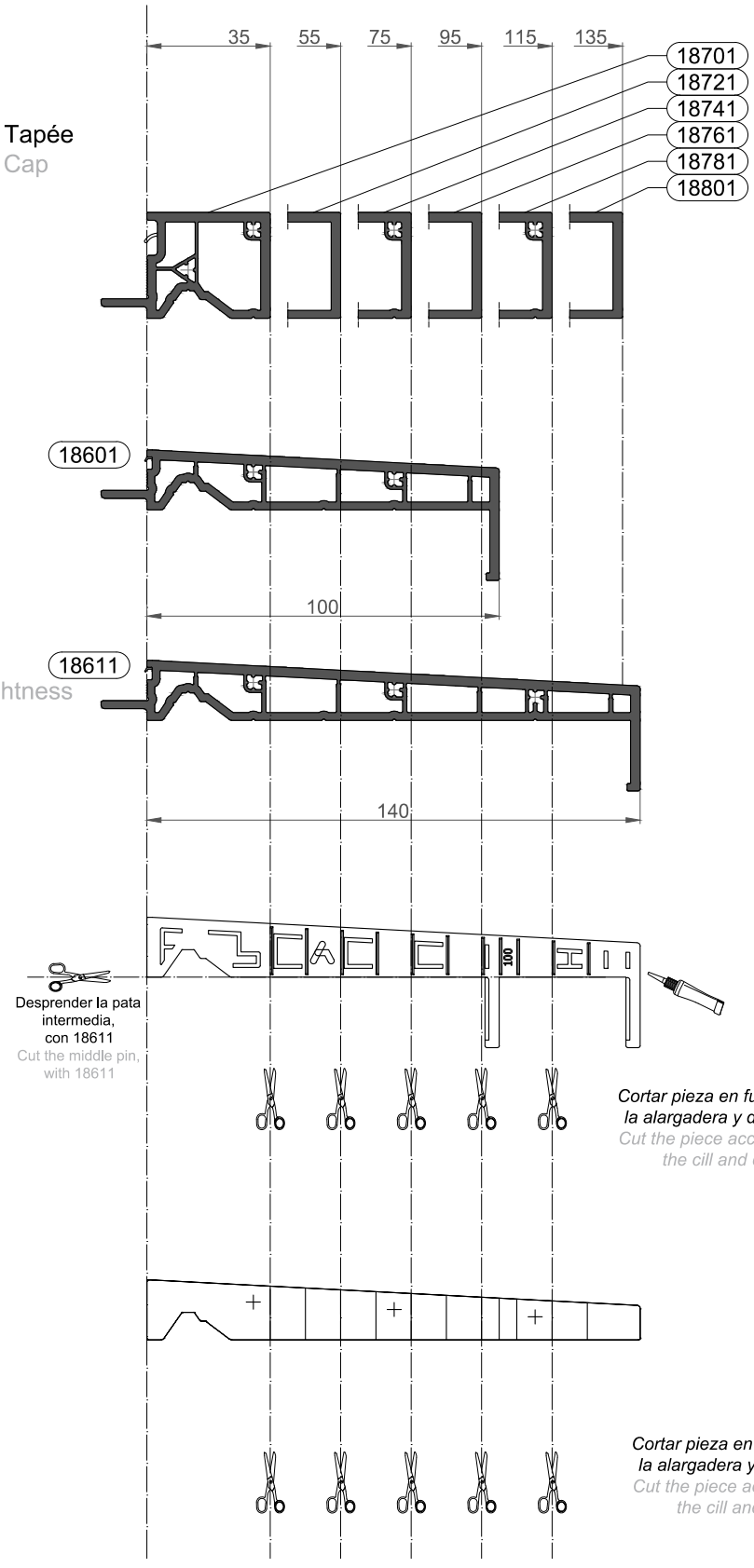
Negro	Gris	Blanco	Marrón	Caramelo	Plata	Gris 7016
Black	Grey	White	Brown	Caramel	Silver	Grey 7016



Kit estanqueidad unión alargaderas 100-140

420301 BL /02 ■

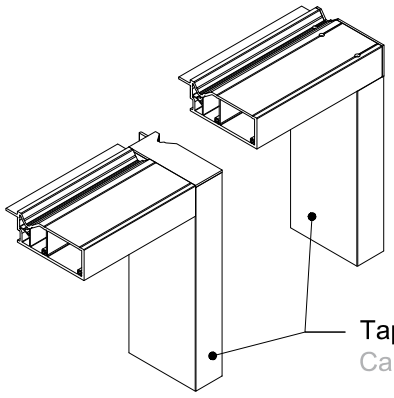
Negro	Gris	Blanco	Marrón	Caramelo	Plata	Gris 7016
Black	Grey	White	Brown	Caramel	Silver	Grey 7016

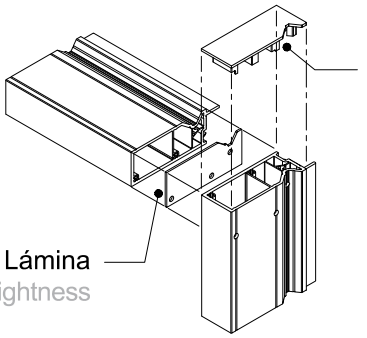


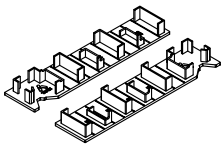
TAPAS LATERALES Y LÁMINAS DE SELLADO/ SIDE COVERS AND GASKET WATERTIGHTNESS

Perfiles tapées (laterales y superiores)/ Cap profiles (side and top)

E 1:2
S 1:2



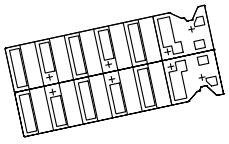




Juego tapas laterales tapées

420131 BL / 32 ■ / 33 M / 34 C

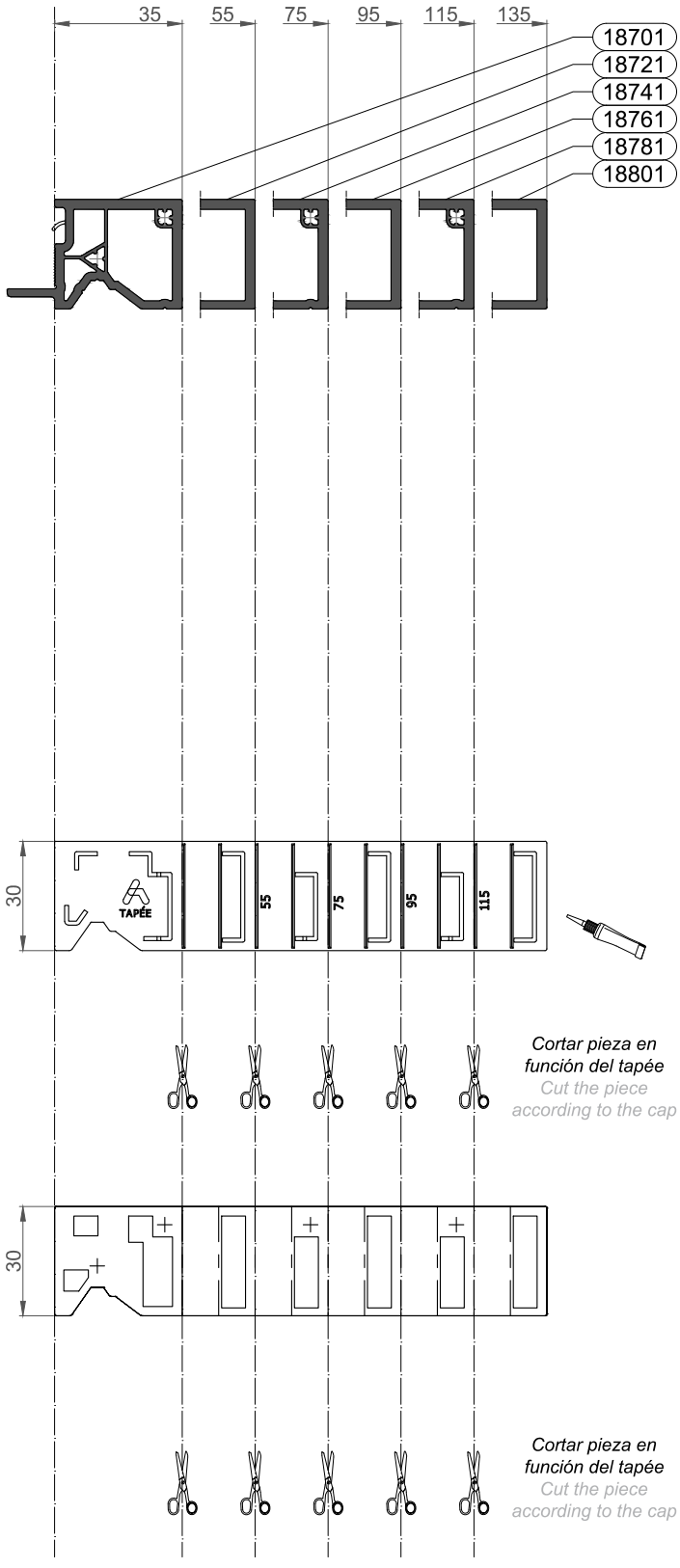
■	■	BL	M	C	P	G
Negro	Gris	Blanco	Marrón	Caramelo	Plata	Gris 7016
Black	Grey	White	Brown	Caramel	Silver	Grey 7016



Kit estanqueidad unión tapées

420311 BL /12 ■

■	■	BL	M	C	P	G
Negro	Gris	Blanco	Marrón	Caramelo	Plata	Gris 7016
Black	Grey	White	Brown	Caramel	Silver	Grey 7016



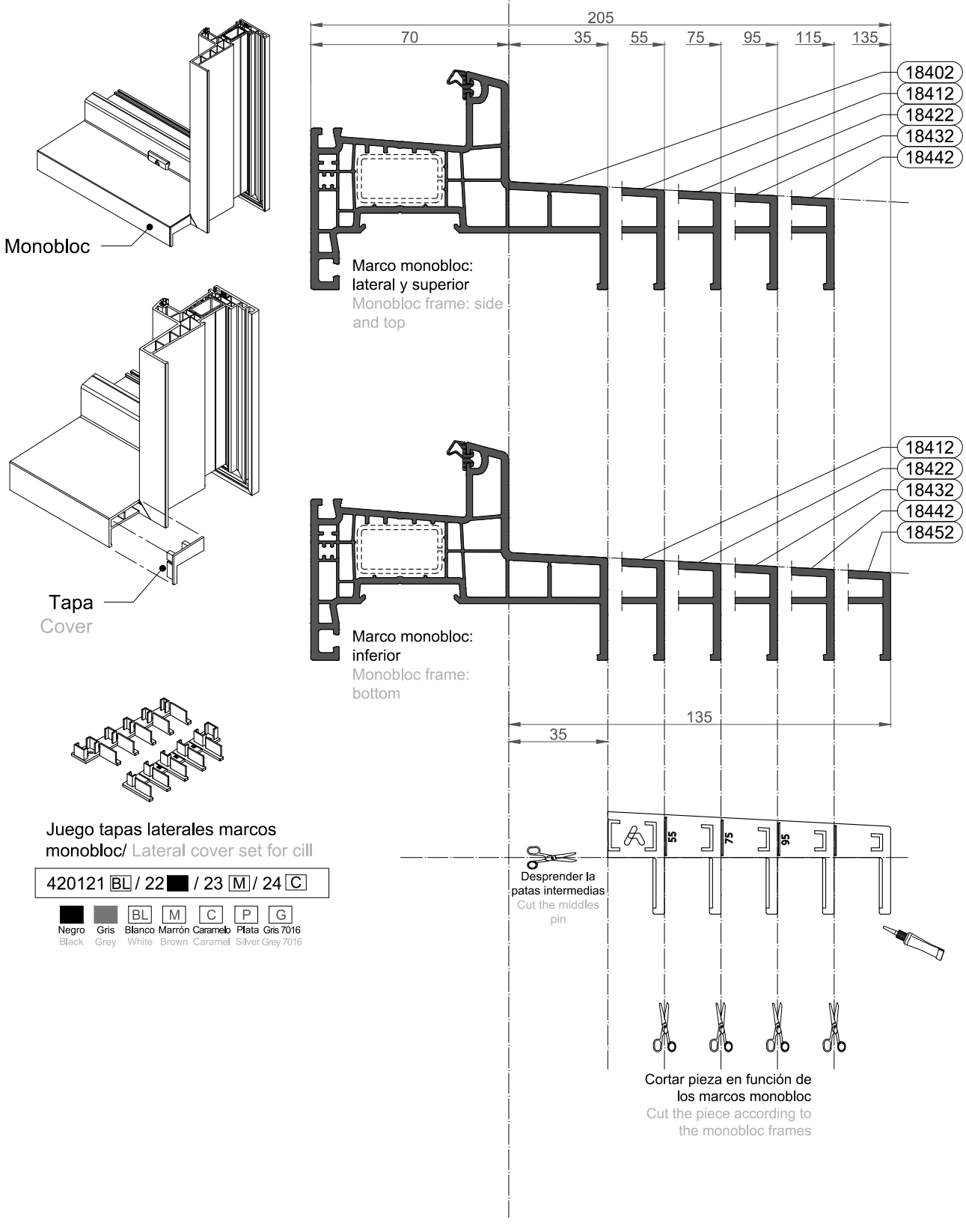
Cortar pieza en función del tapée
Cut the piece according to the cap

Cortar pieza en función del tapée
Cut the piece according to the cap

TAPAS LATERALES/ SIDE COVERS

Perfiles marco monobloc (inferior)/ Monoblock frame profiles (bottom)

E 1:2
S 1:2



Juego tapas laterales marcos monobloc/ Lateral cover set for cill

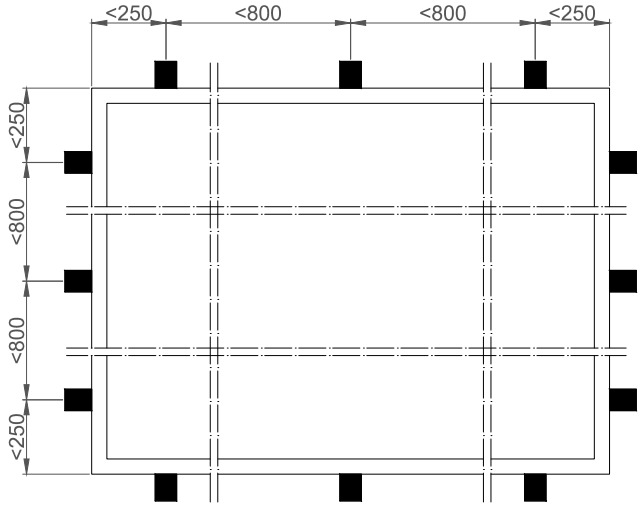
420121 BL / 22 ■ / 23 M / 24 C

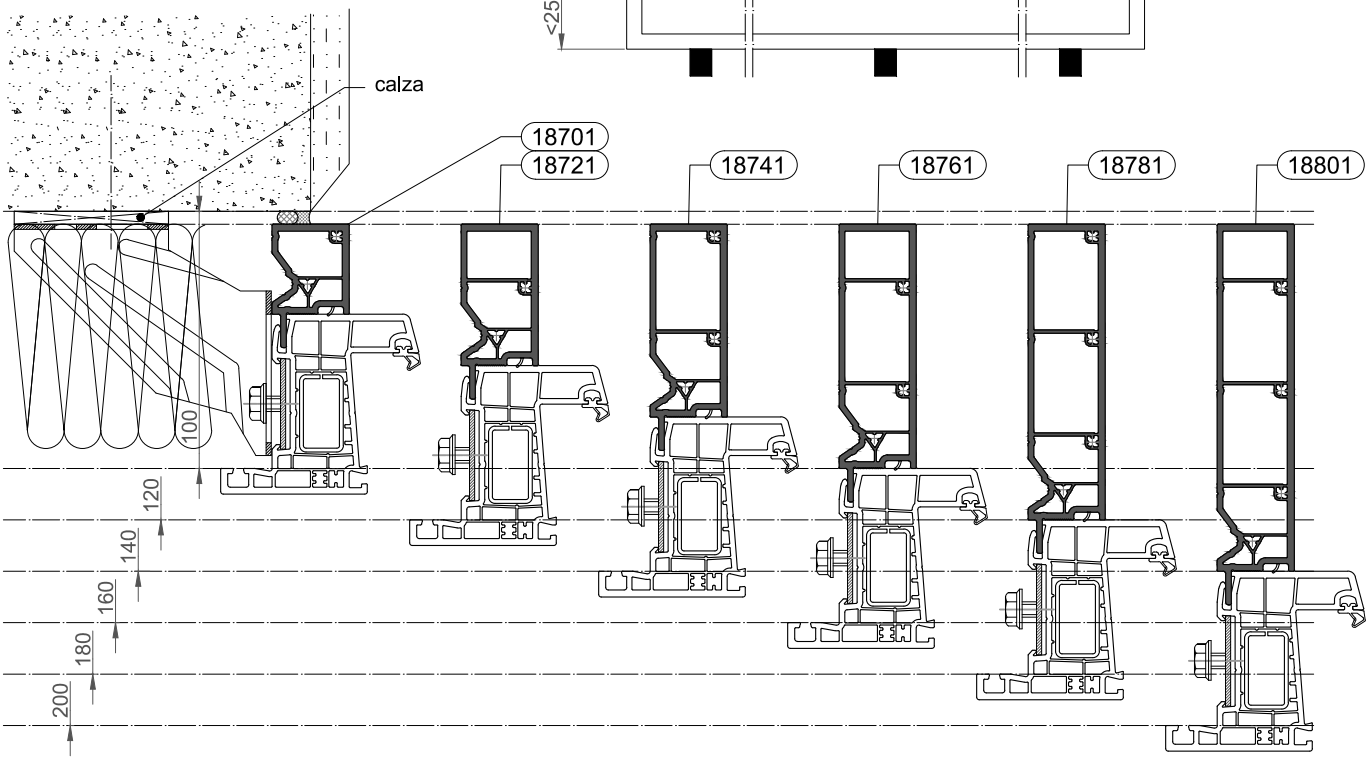
■	■	BL	M	C	P	G
Negro Black	Gris Grey	Blanco White	Marrón Brown	Caramelo Caramel	Plata Silver	Gris 7016 Grey 7016

DETALLE FIJACIONES A OBRA - MARCO CON TAPÉES
WALL CONNECTIONS DETAIL

AISLAMIENTO ISOLATION	SOPORTE FIJACIÓN FIXING BRACKETS	GRAPA FIJACIÓN FIXATION CLAMP	PERFIL TAPÉE CAP PROFILE
100 mm	418109	418151	18701
120 mm	418111		18721
140 mm	418113		18741
160 mm	418115		18761
180 mm	418117		18781
200 mm	418119		18801

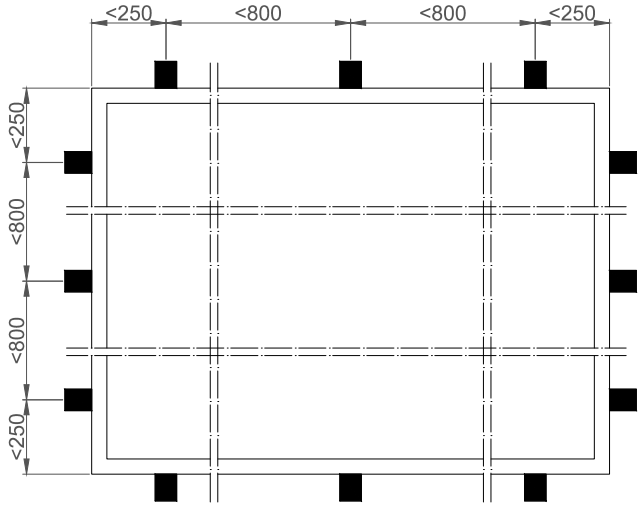
■ FIJACIONES Y SOPORTES
Posición según la norma NF DTU 36.5
FIXINGS AND SUPPORTS
Position according to the NF DTU 36.5 standard



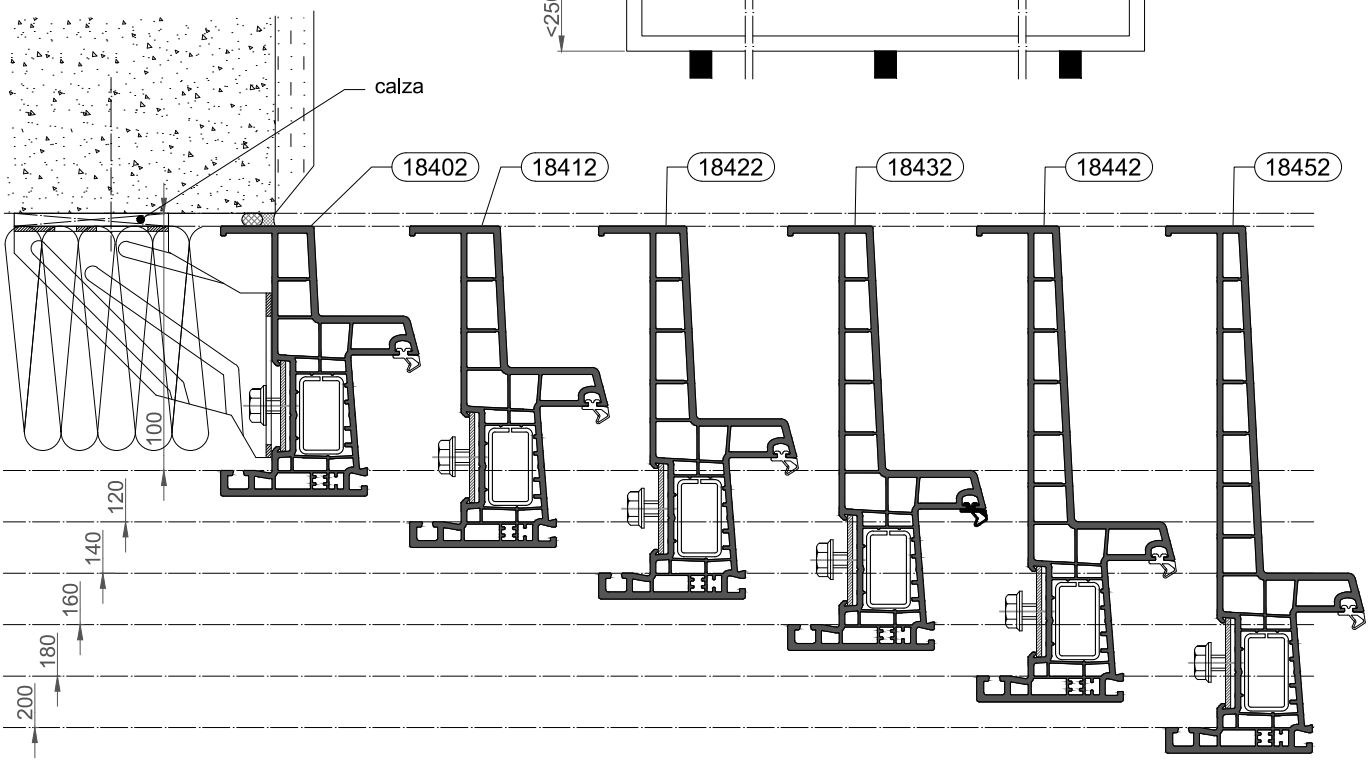


DETALLE FIJACIONES A OBRA - MARCO MONOBLOC
WALL CONNECTIONS DETAIL

AISLAMIENTO ISOLATION	SOPORTE FIJACIÓN FIXING BRACKETS	GRAPA FIJACIÓN FIXATION CLAMP	PERFIL MONOBLOC MONOBLOC PROFILE
100 mm	418109	418151	18402
120 mm	418111		18412
140 mm	418113		18422
160 mm	418115		18432
180 mm	418117		18442
200 mm	418119		18452

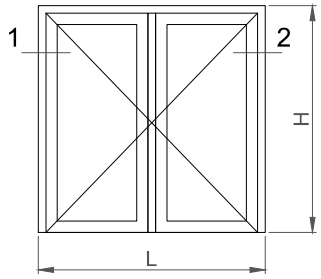


■ FIJACIONES Y SOPORTES
Posición según la norma NF DTU 36.5
FIXINGS AND SUPPORTS
Position according to the NF DTU 36.5 standard

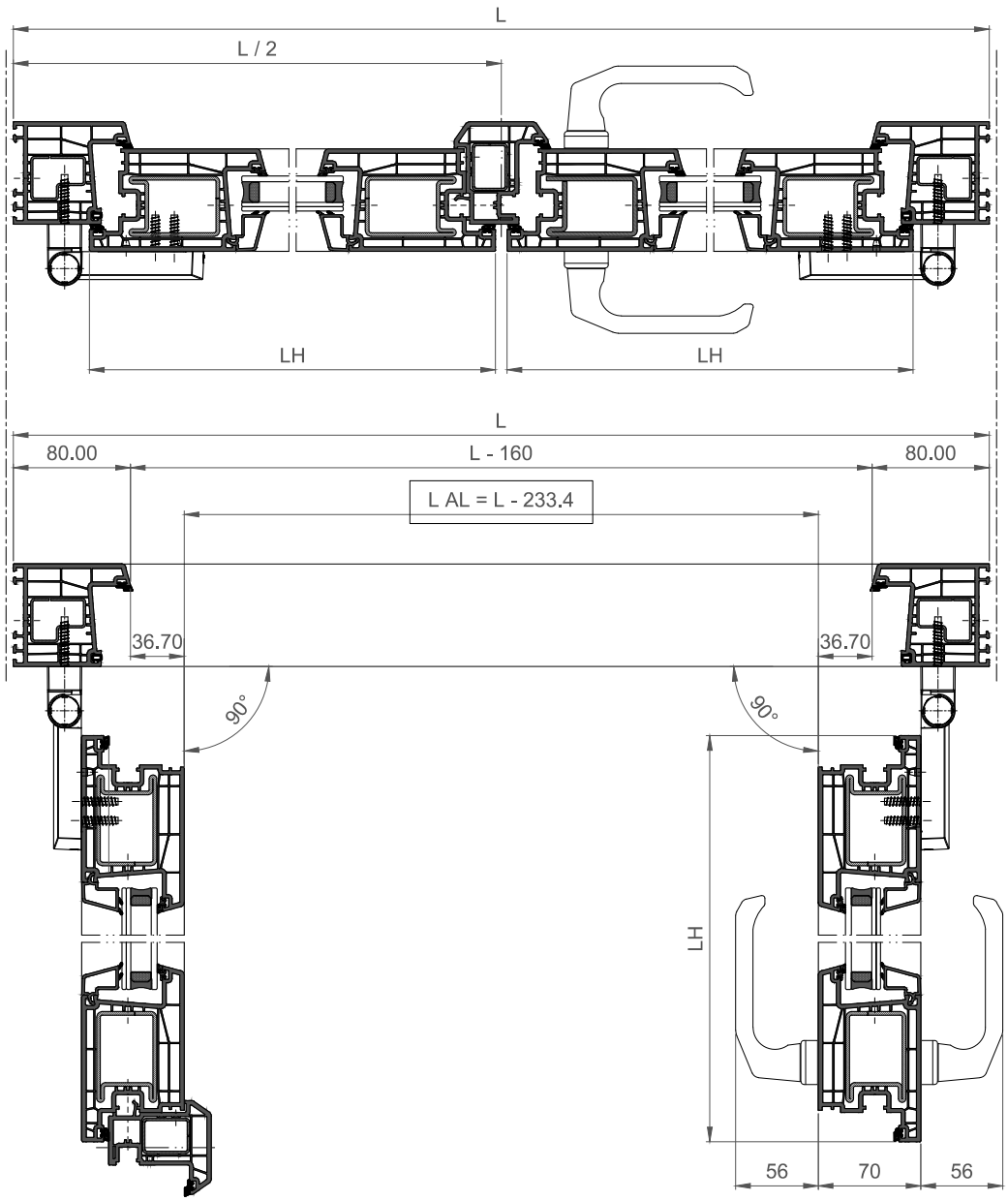


APERTURA LIBRE - PUERTA 2 HOJAS/ FREE OPENING - 2 SASHES DOOR

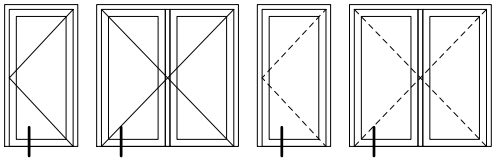
1:5

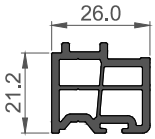


L AL: Longitud de paso libre en puerta.
H AL: Altura de paso libre en puerta; umbral de paso.
L AL: Length of free passage at the door.
H AL: Free passage height at the door; step threshold.

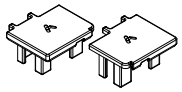


REMATE INFERIOR HOJAS DE PUERTA/ LOWER FINISH DOOR SASHES





13101
1:2

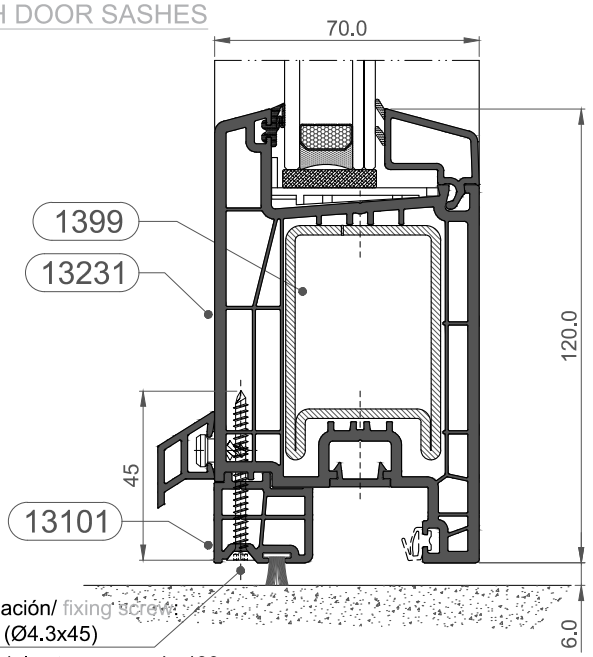


Juego tapas laterales remate inf.
Lateral covers kit for bottom finishing profile

351370 BL /71 M /72 C /73 ■

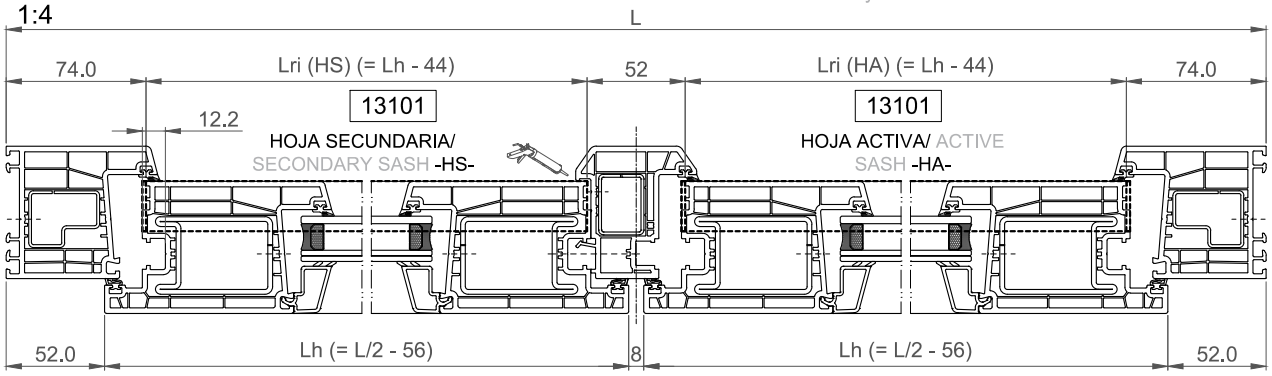
Negro	Gris	Blanco	Marrón	Caramelo	Plata
Black	Grey	White	Brown	Caramel	Silver

1:2

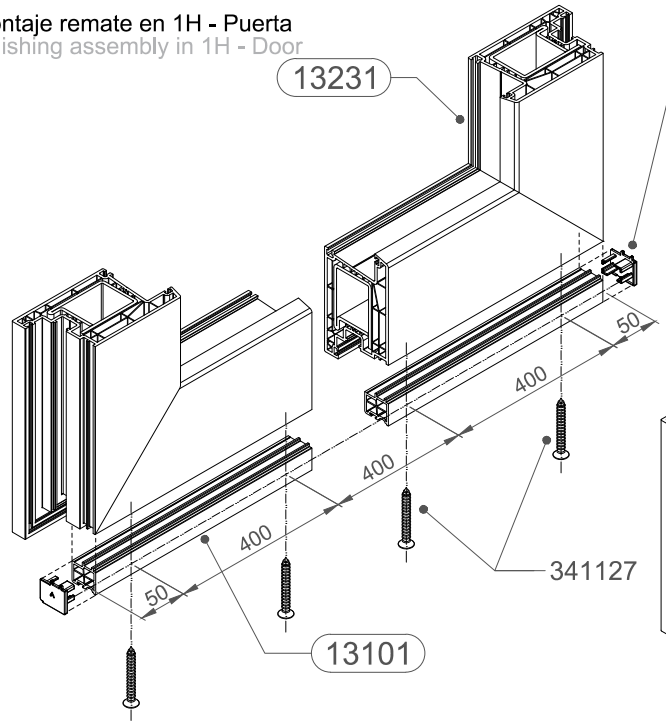


Tornillo fijación/ fixing screw:
341127 (Ø4.3x45)
A 50 mm del extremo y cada 400 mm.
At 50 mm from the end and every 400 mm.

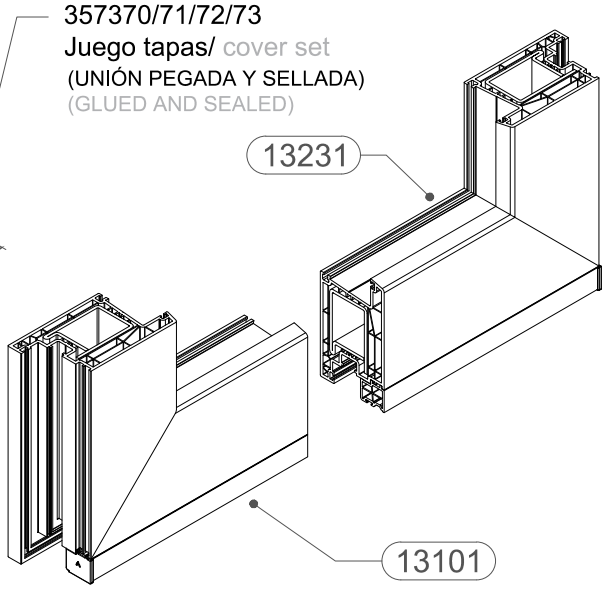
1:4



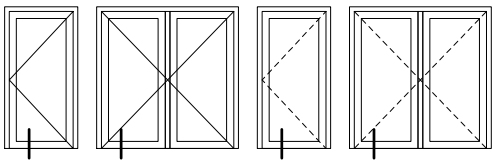
Montaje remate en 1H - Puerta
Finishing assembly in 1H - Door

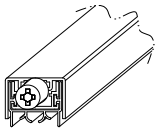


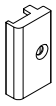
357370/71/72/73
Juego tapas/ cover set
(UNIÓN PEGADA Y SELLADA)
(GLUED AND SEALED)



REMATE INFERIOR HOJAS DE PUERTA - DETALLE CORTAVIENTOS/ LOWER FINISH DOOR SASHES - WIND CENTER SEAL DETAIL





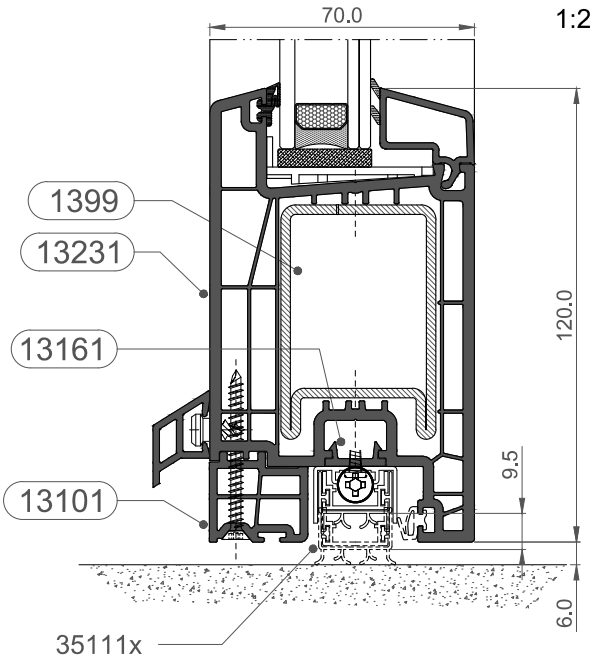


Tope activación cortavientos
Wind centre seal activation stopper

351120 BL /21 M
Blanco White Marrón Brown

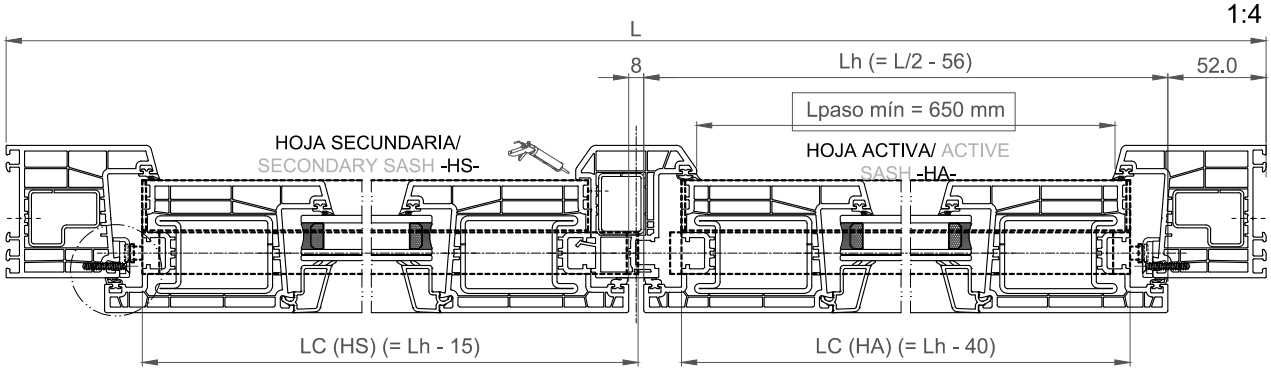
Cortavientos Wind center seal	Lc (mm)	Lh HA	Lh HS
351110	260 ÷ 330	- - -	275 ÷ 345
351111	330 ÷ 430	- - -	345 ÷ 445
351112	430 ÷ 530	- - -	445 ÷ 545
351113	530 ÷ 630	- - -	545 ÷ 645
351114	630 ÷ 730	705 ÷ 770	645 ÷ 745
351115	730 ÷ 830	770 ÷ 870	745 ÷ 845
351116	830 ÷ 930	870 ÷ 970	845 ÷ 945
351117	930 ÷ 1030	970 ÷ 1070	945 ÷ 1045
351118	1030 ÷ 1130	1070 ÷ 1170	1045 ÷ 1145

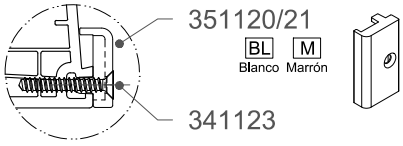
1:2

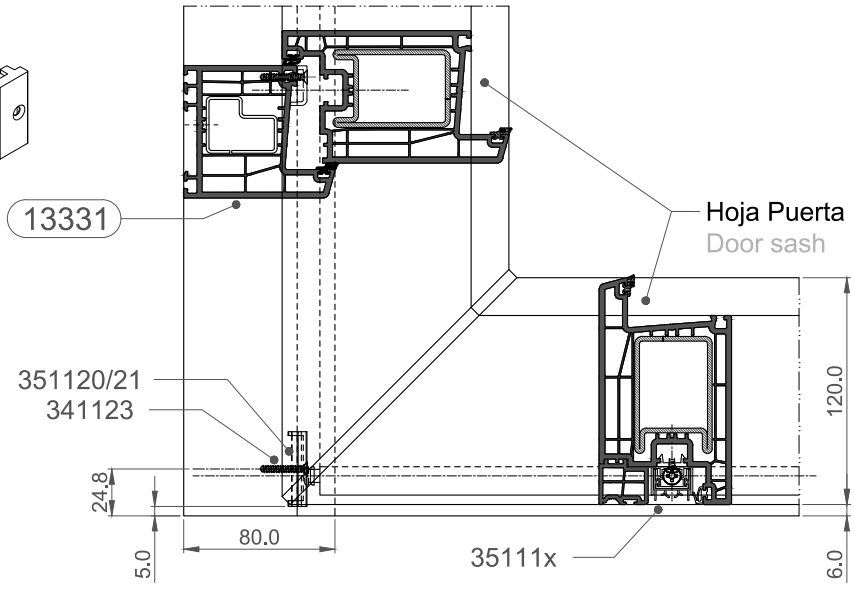


Nota/ Note:
Se coloca la pletina 13161 como asiento en la fijación del cortavientos/ Plate 13161 is placed as a seat in the wind center seal fixing.

1:4



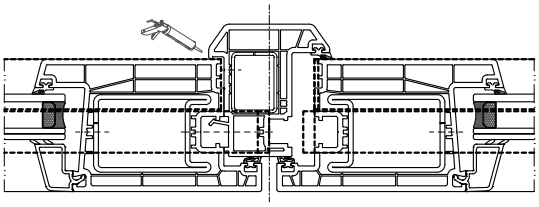




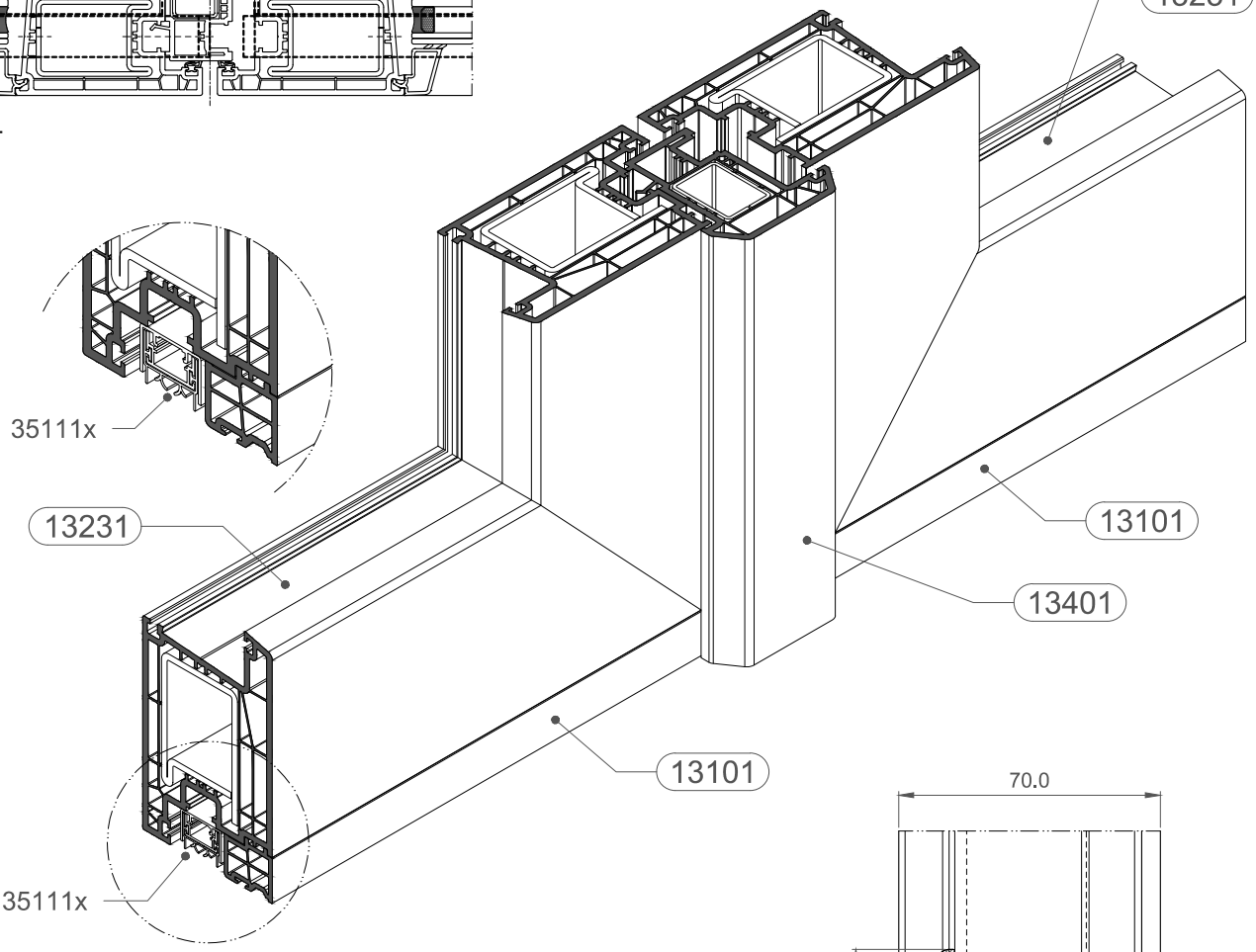
Regulación del pivote de activación del cortavientos 35111x/ Wind center seal activation pivot adjustment 35111x



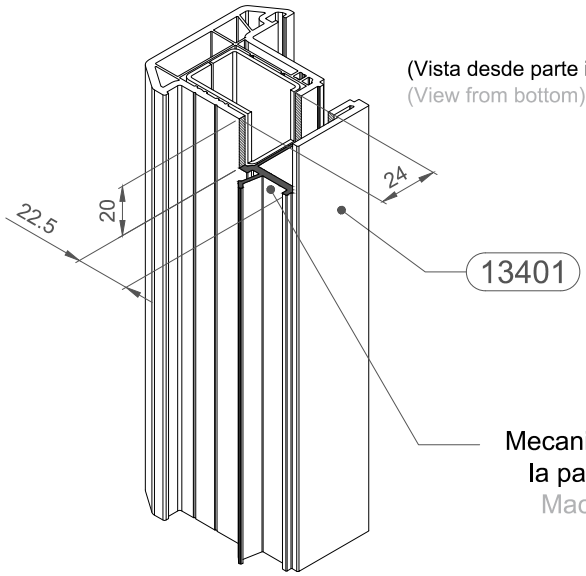
REMATE INFERIOR HOJAS DE PUERTA - DETALLE CORTAVIENTOS (2 hojas)/ LOWER FINISH DOOR SASHES - WIND CENTER SEAL DETAIL (2 sashes)



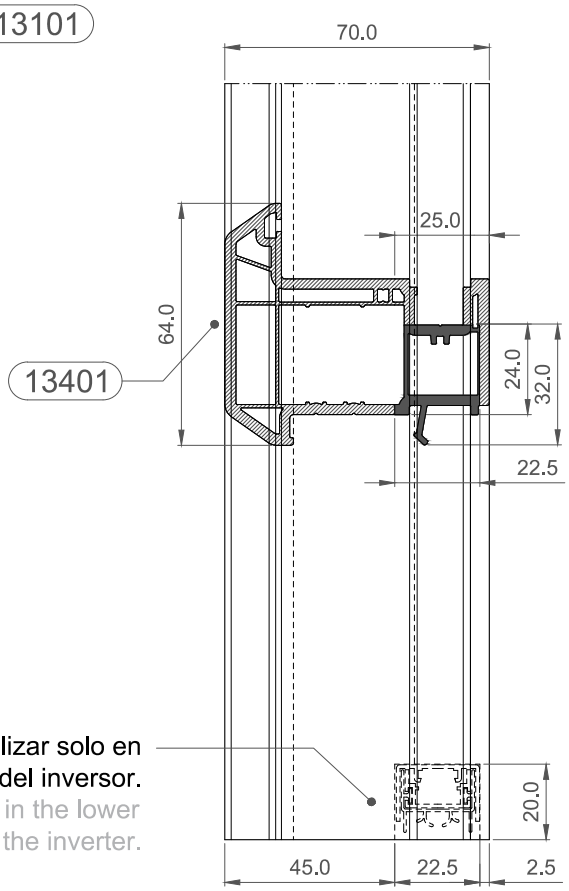
1:4



Mecanizado de inversor 13401 para el paso del cortavientos
Machining of inverter 13401 for the passage of the wind center seal

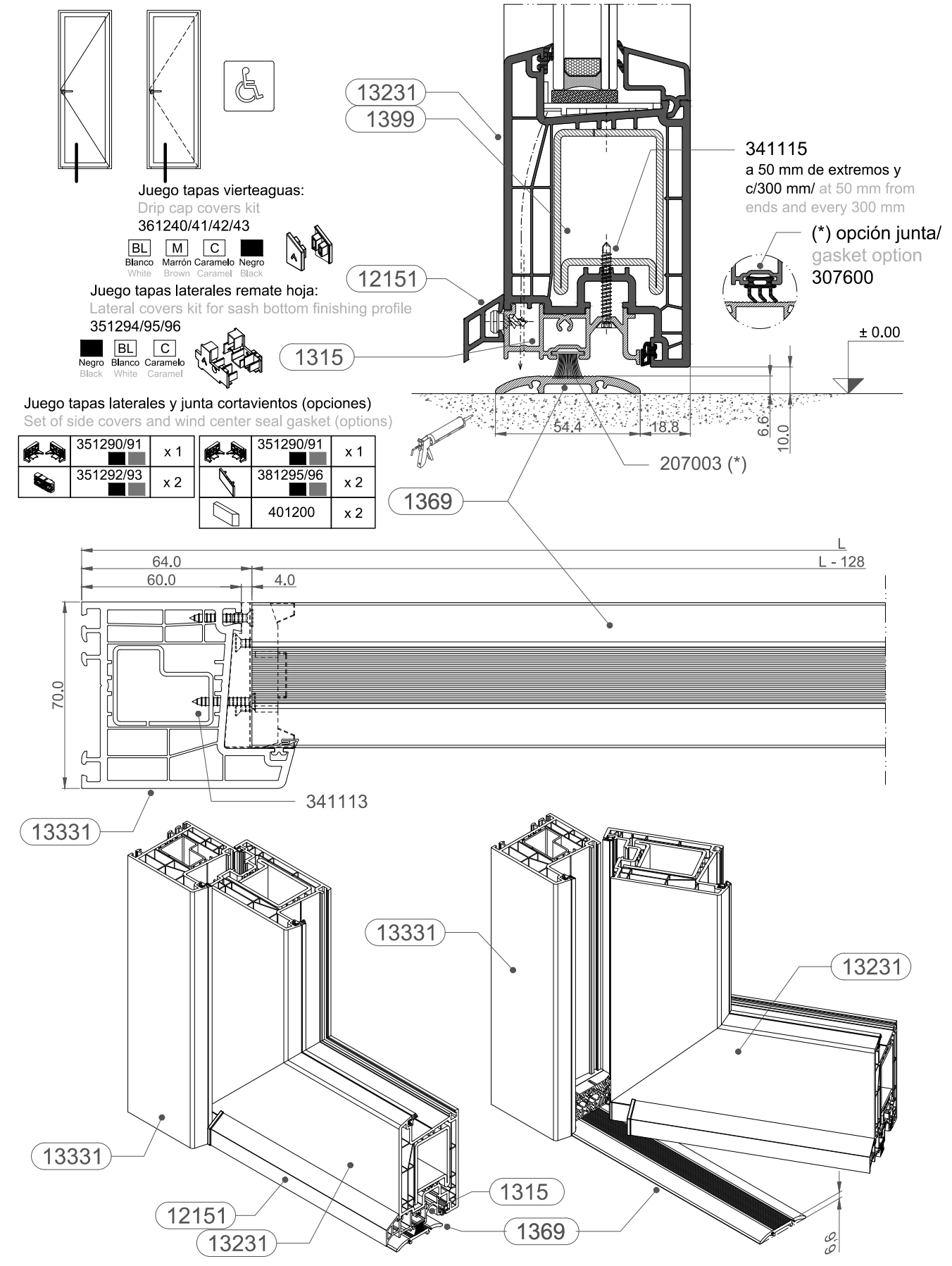


(Vista desde parte inferior)
(View from bottom)

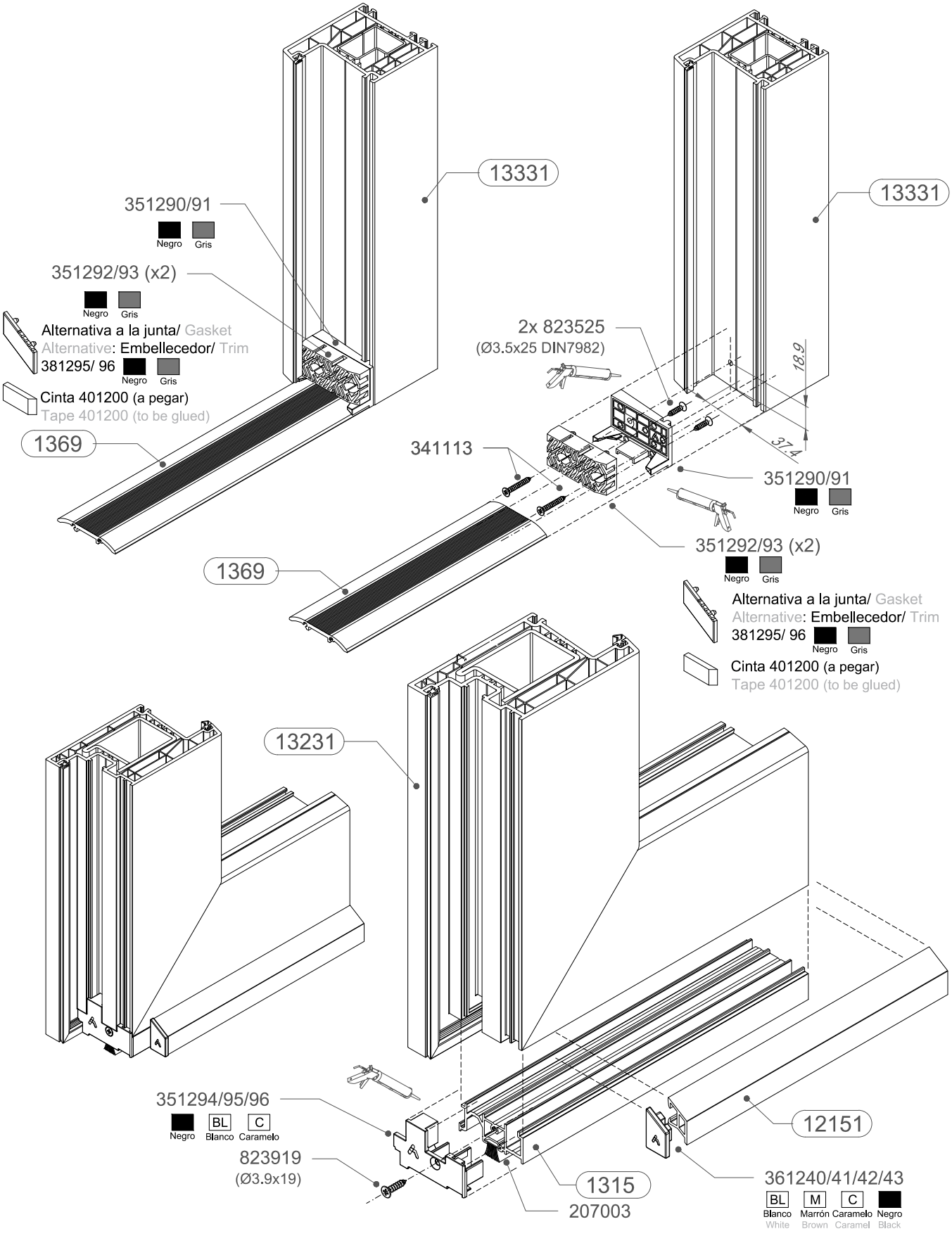


Mecanizado a realizar solo en la parte inferior del inversor.
Machined only in the lower part of the inverter.

REMATE INFERIOR PUERTA - SOLERA NIVEL "0"/ DOOR LOWER FINISH - THRESHOLD LEVEL "0"

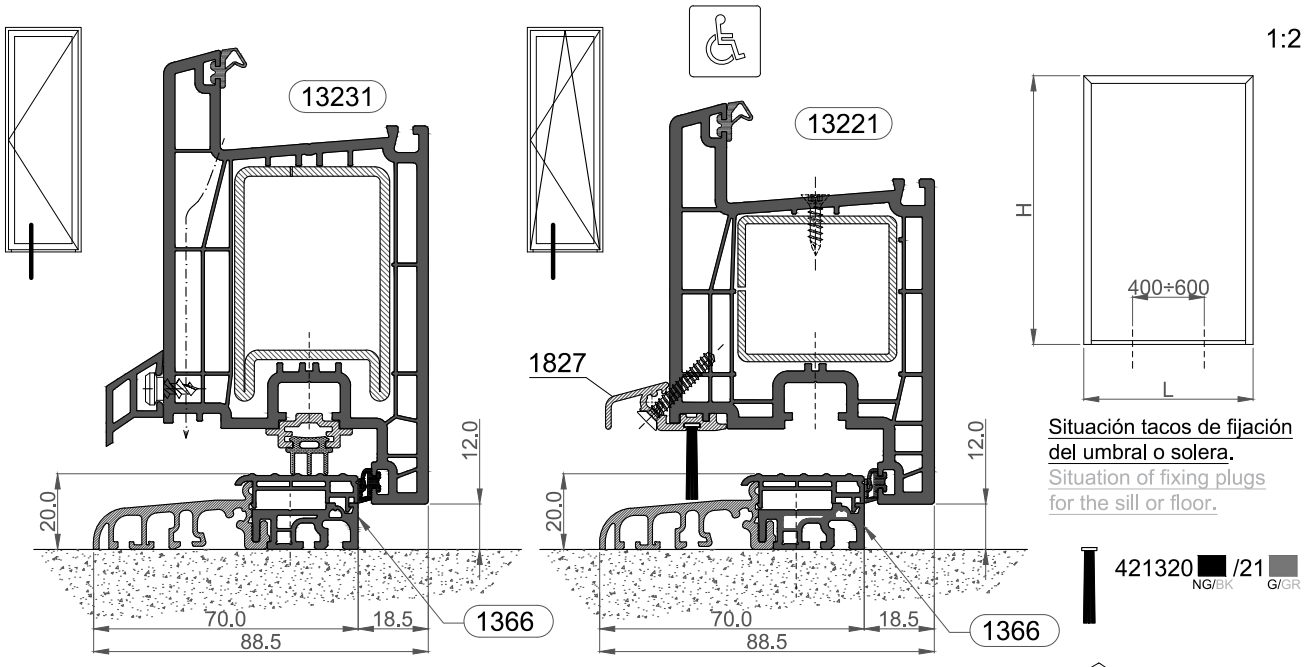


REMATE INFERIOR PUERTA - SOLERA NIVEL "0"/ DOOR LOWER FINISH - THRESHOLD LEVEL "0"



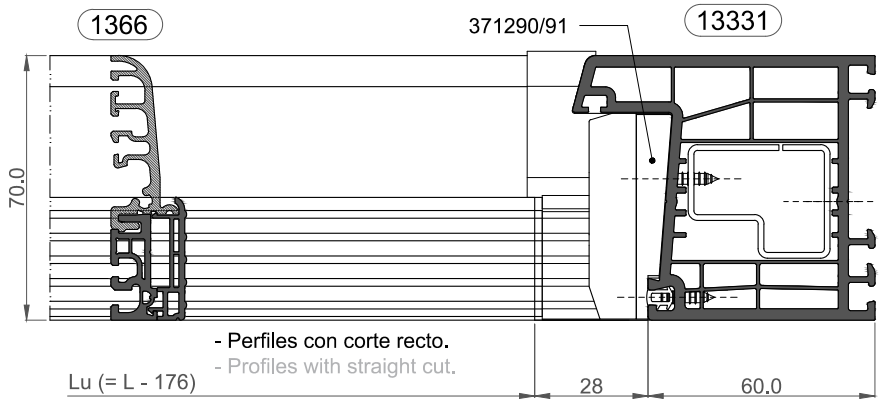
UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

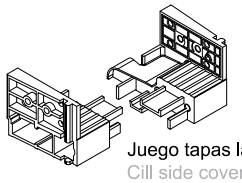
1:2



Situación tacos de fijación del umbral o solera.
Situation of fixing plugs for the sill or floor.

421320 NG/BK /21 G/GR





Juego tapas laterales solera:
Cill side covers kit:
371290/91 NG/BK G/GR



Embellecedor/ Trim
381295/ 96 NG/BK G/GR



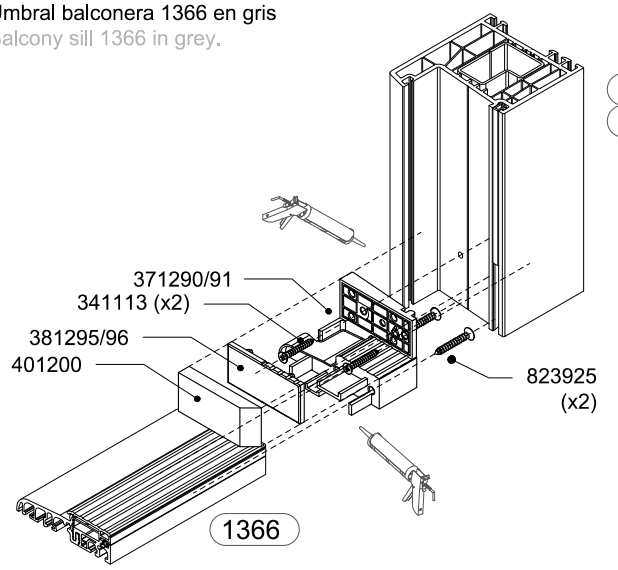
Cinta 401200 (a pegar)
Tape 401200 (to be glued)

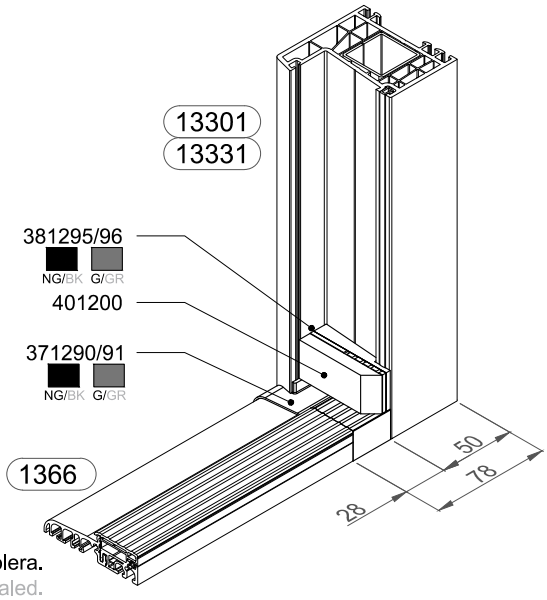
Alternativa / Alternative:

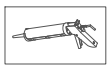


Junta cortavientos (x2):
Door wind centre seal gasket
351292/93 NG/BK G/GR

Nota / Note:
Umbral balconera 1366 en gris
Balcony sill 1366 in grey.



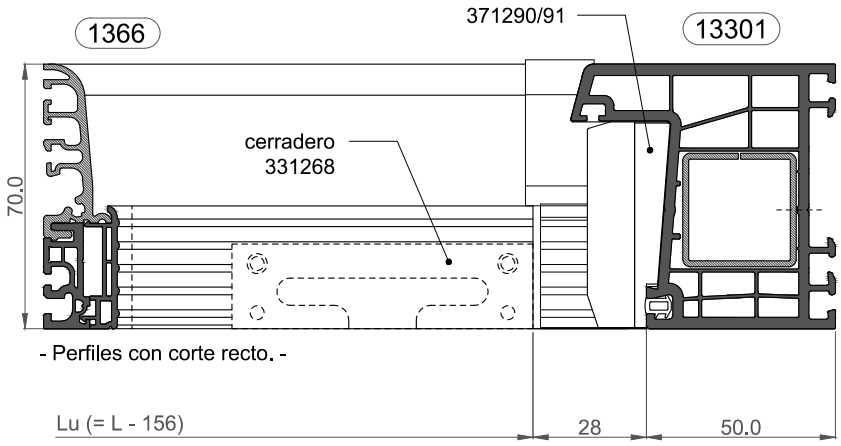




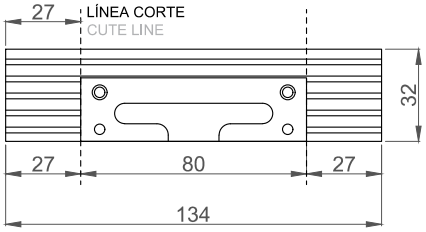
Nota / Note:
Debe sellarse la unión de las tapas del umbral contra el marco y la solera.
The seam of the sill caps against the frame and threshold must be sealed.

UMBRAL DE BALCONERA - 1 HOJA/ 1 SASH BALCONY THRESHOLD

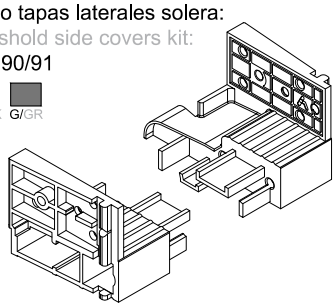
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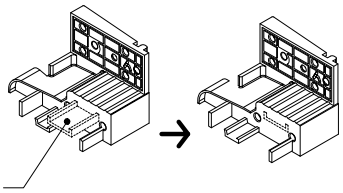


NOTA IMPORTANTE / IMPORTANT NOTE:
El cerradero basculante 331268 debe cortarse en 27 mm en el lado correspondiente para tomar posición contra el marco lateral.
The 331268 toggle strike must be cut 27mm on the corresponding side to take up position against the side frame.

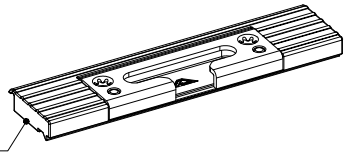


Juego tapas laterales solera:
Threshold side covers kit:
371290/91
NG/BK G/GR

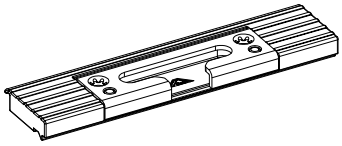


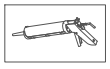


Debe eliminarse la lengüeta en el lado de colocación del cerradero 331268 para permitir asentar el propio cerradero basculante.
The tab on the 331268 striker mounting side must be removed to allow the toggle striker itself to seat.

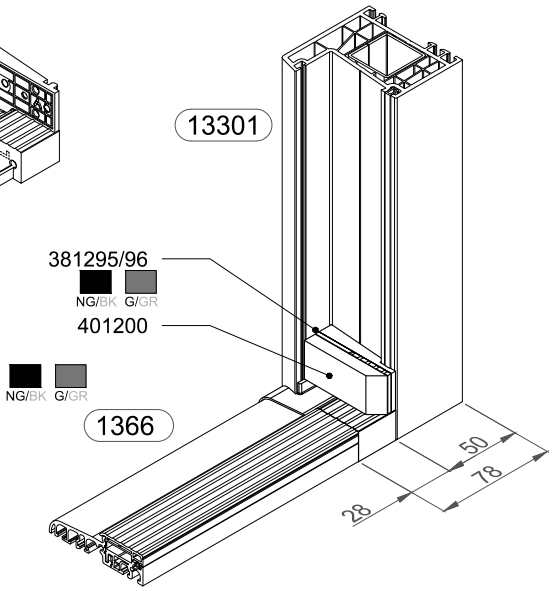


cerradero 331268

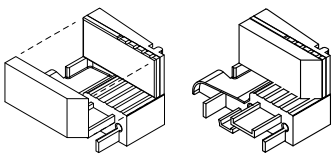




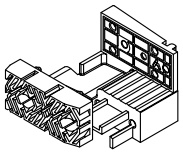
Nota / Note:
Debe sellarse la unión de las tapas del umbral contra el marco y la solera.
The seam of the sill caps against the frame and threshold must be sealed.



Opciones tapas perfil solera



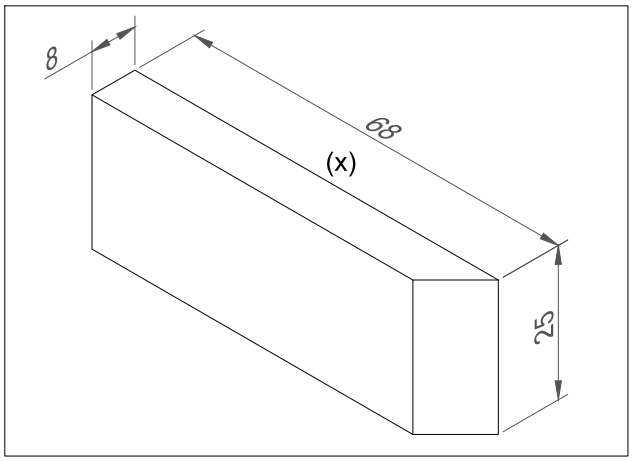
	371290/91 ■ ■	x 1
	381295/96 ■ ■	x 2
	401200	x 2



	371290/91 ■ ■	x 1
	351292/93 ■ ■	x 2

NG/BK G/GR

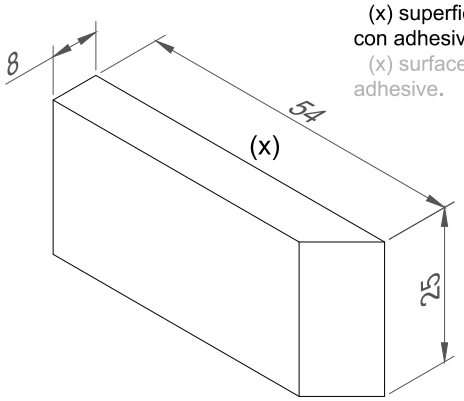
401200 Junta estanqueidad tapas laterales solera
Watertightness gasket side covers for cill



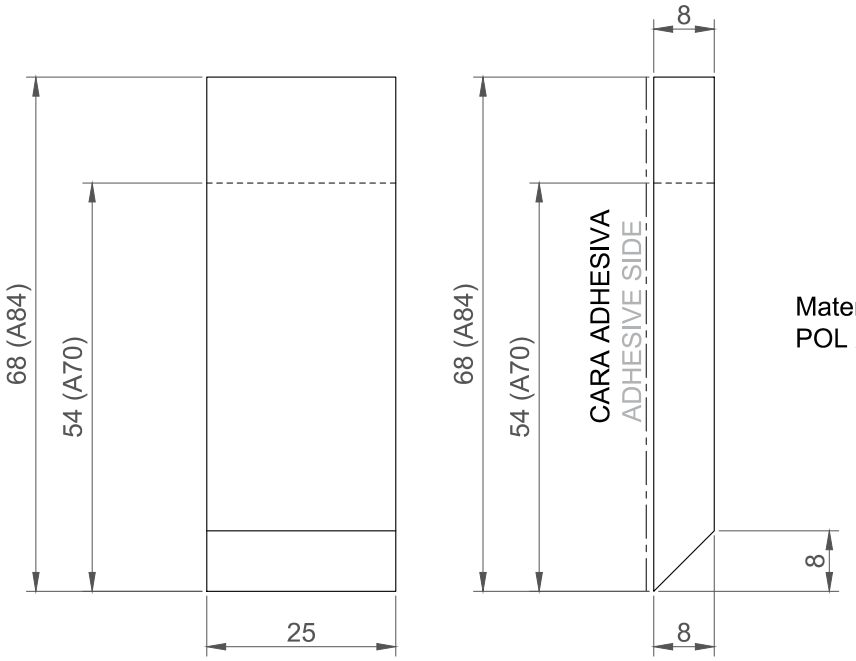
Pieza para la serie A 84 abisagrada
Hinged piece for A 84 series

Pieza cortada en/ Piece cut in 14 mm

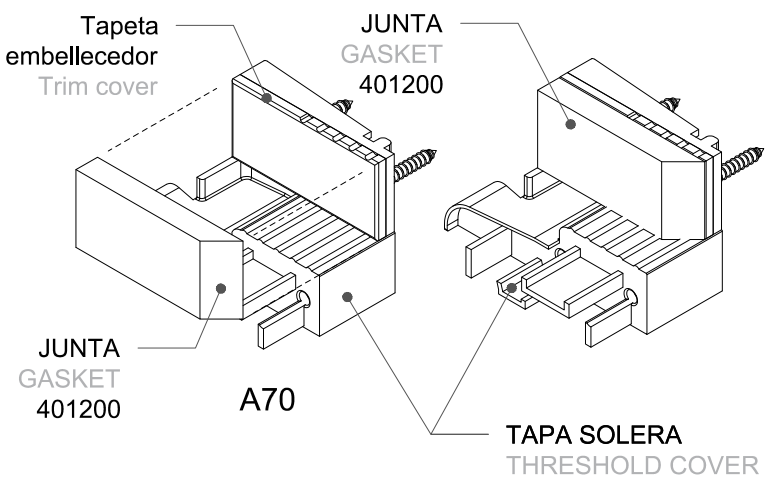
(x) superficie o cara trasera con adhesivo.
(x) surface or back face with adhesive.



Pieza para la serie A 70 abisagrada
Hinged piece for A 70 series

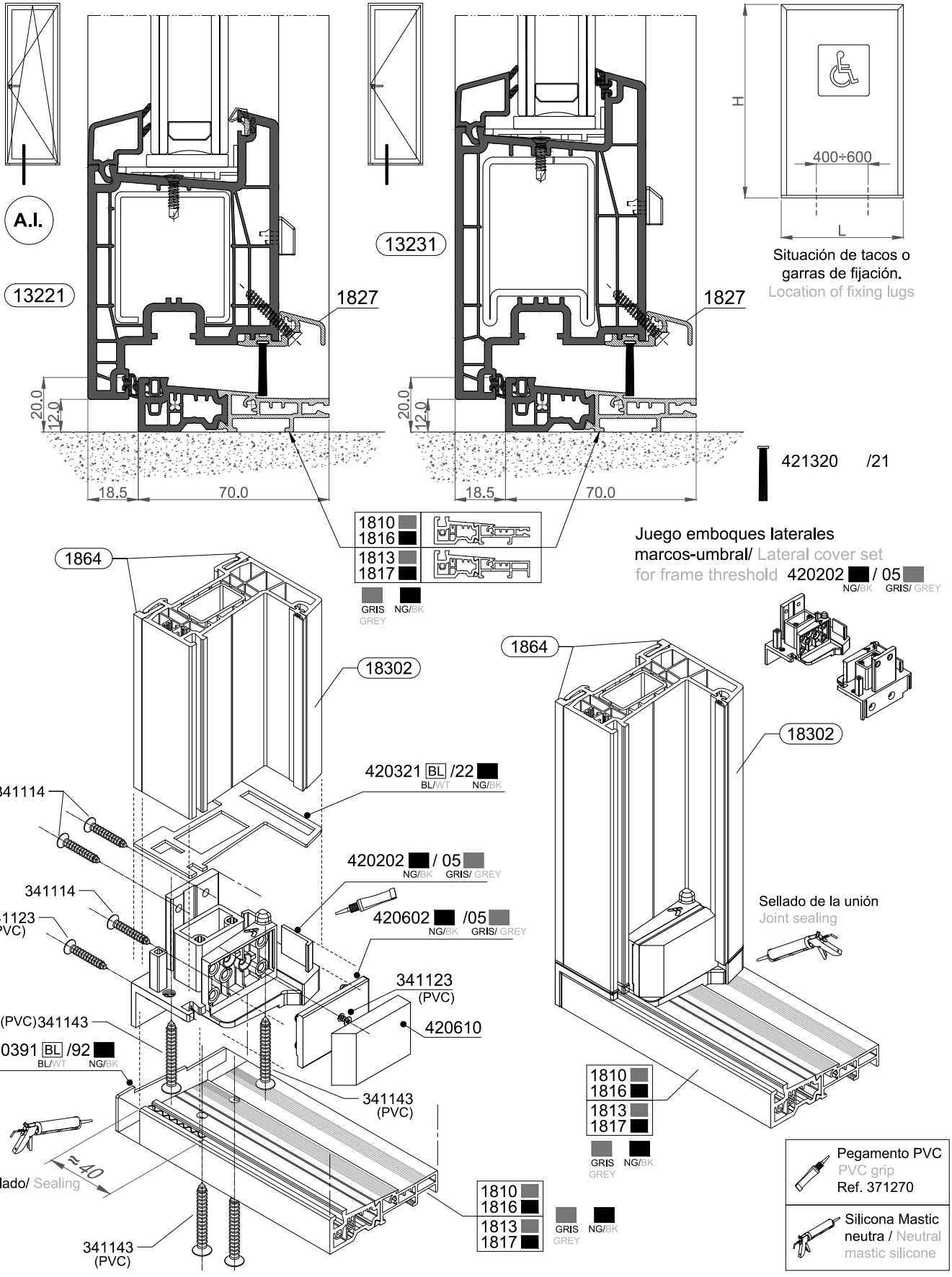


Material:
POL XAF30 NEGRO + ADH



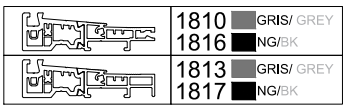
UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD

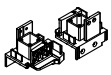
1:2



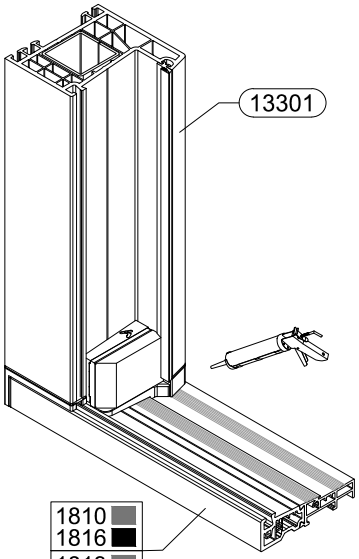
UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD

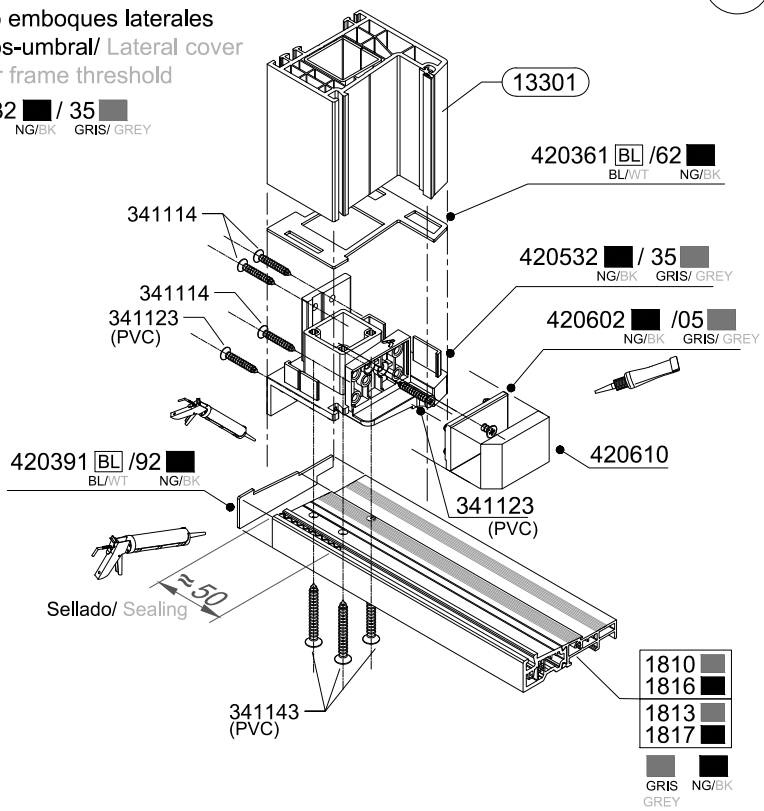
A.I.

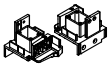




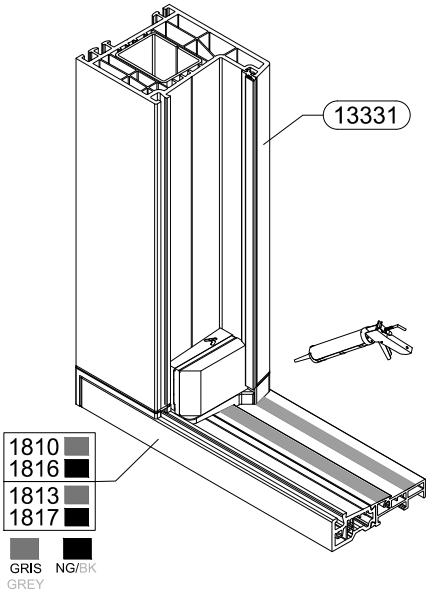
Juego emboques laterales marcos-umbral/ Lateral cover set for frame threshold
420532 ■ / 35 ■
NG/BK GRIS/ GREY

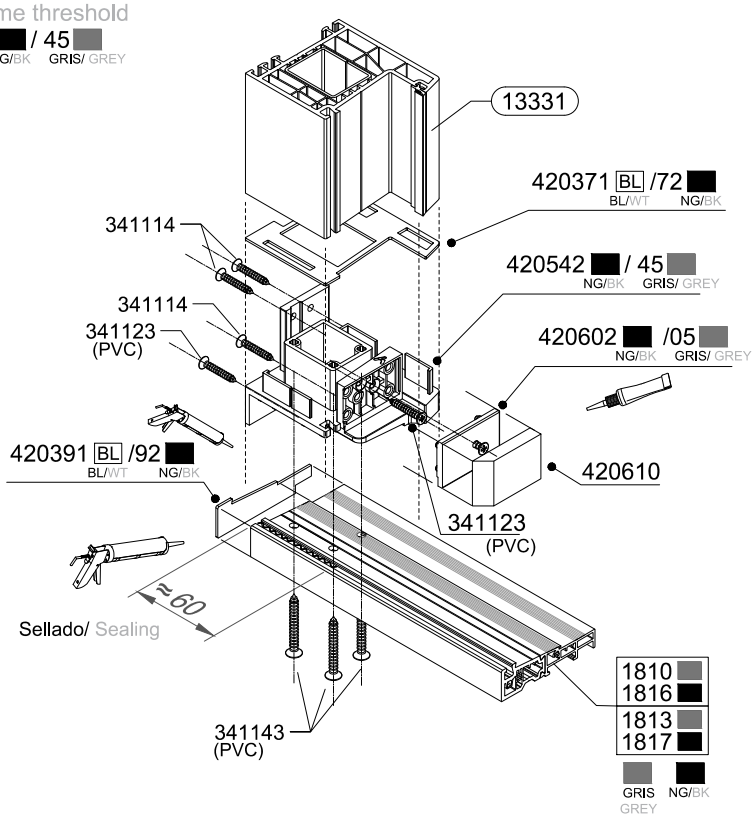


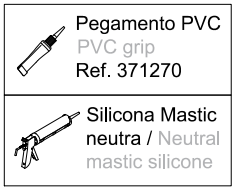




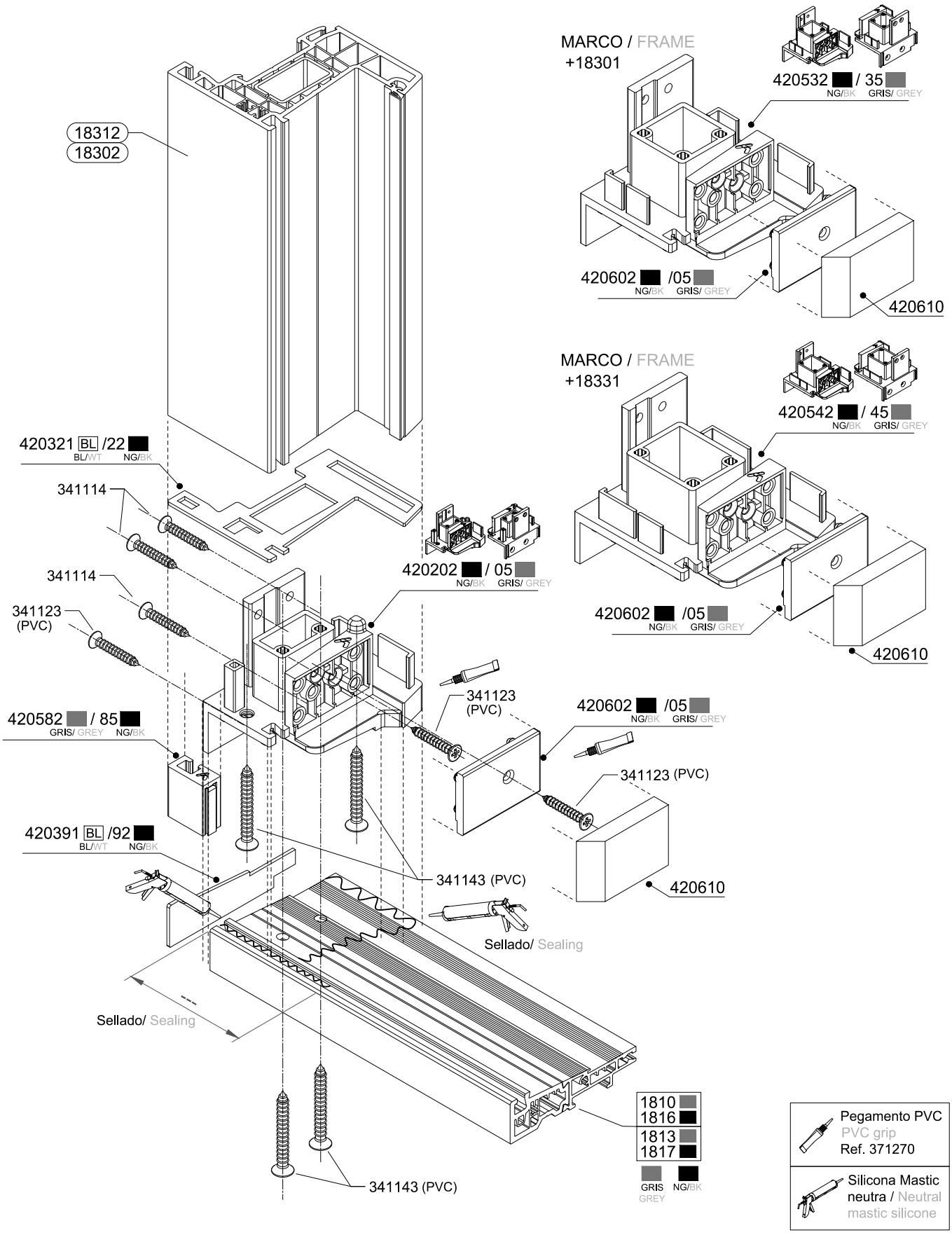
Juego emboques laterales marco puerta-umbral/ Lateral cover set for door frame threshold
420542 ■ / 45 ■
NG/BK GRIS/ GREY





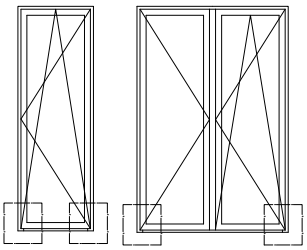


UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD



UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Marcos/ Frames



Marco/ Frame 18302

Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

Marco/ Frame 18312

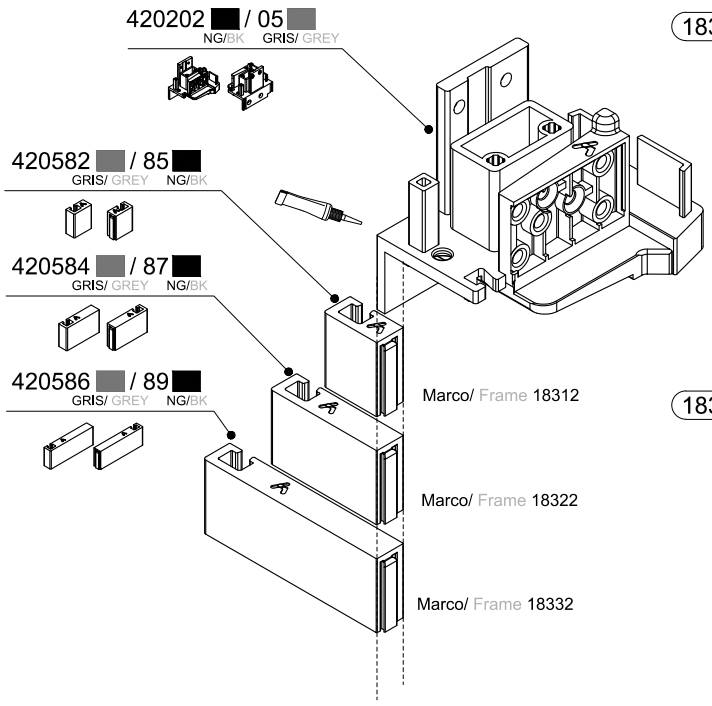
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420582 ■ / 85 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

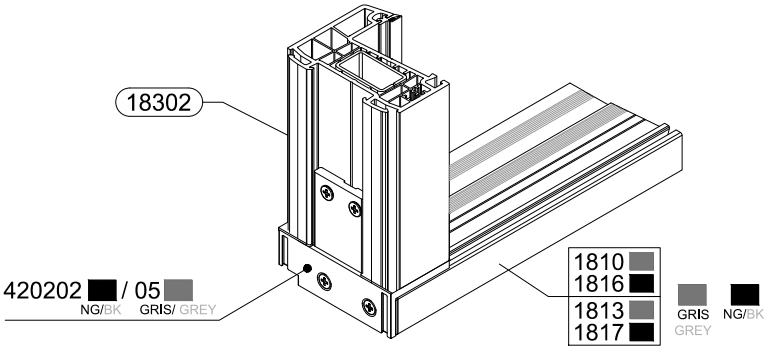
Marco/ Frame 18322

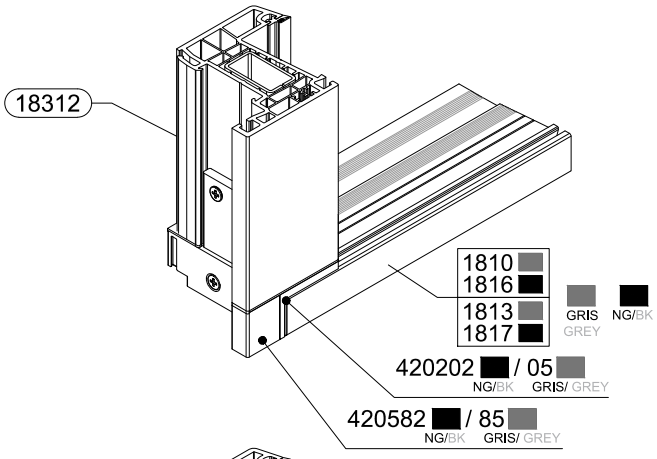
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420584 ■ / 87 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

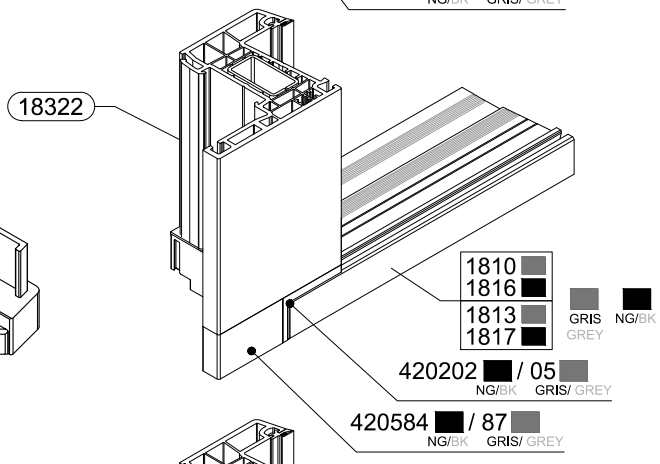
Marco/ Frame 18332

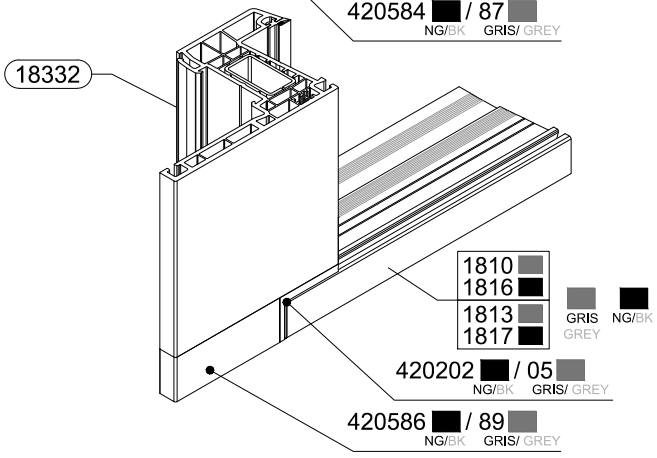
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420586 ■ / 89 ■ NG/BK GRIS/ GREY
Fijo Fixed light	





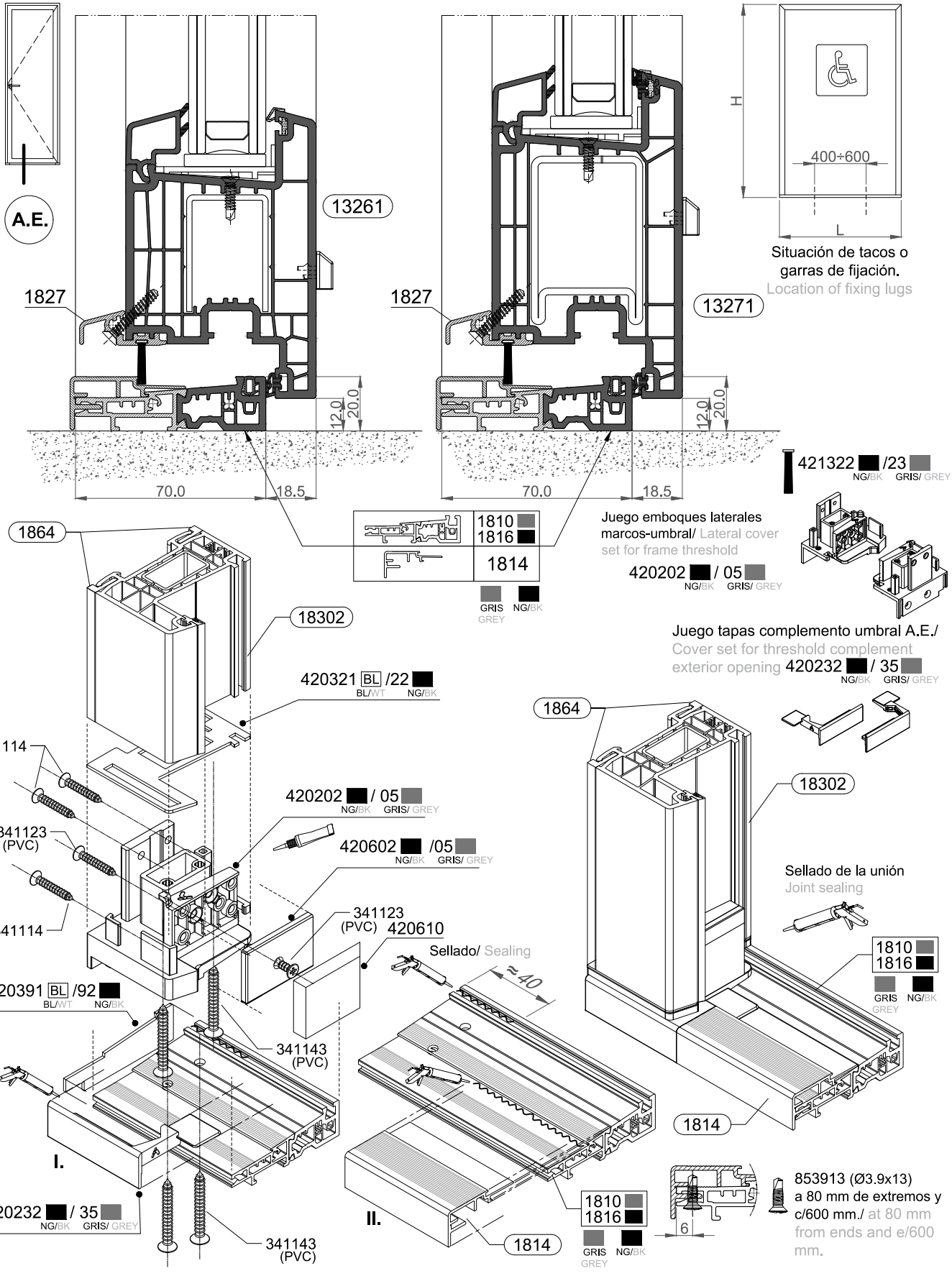




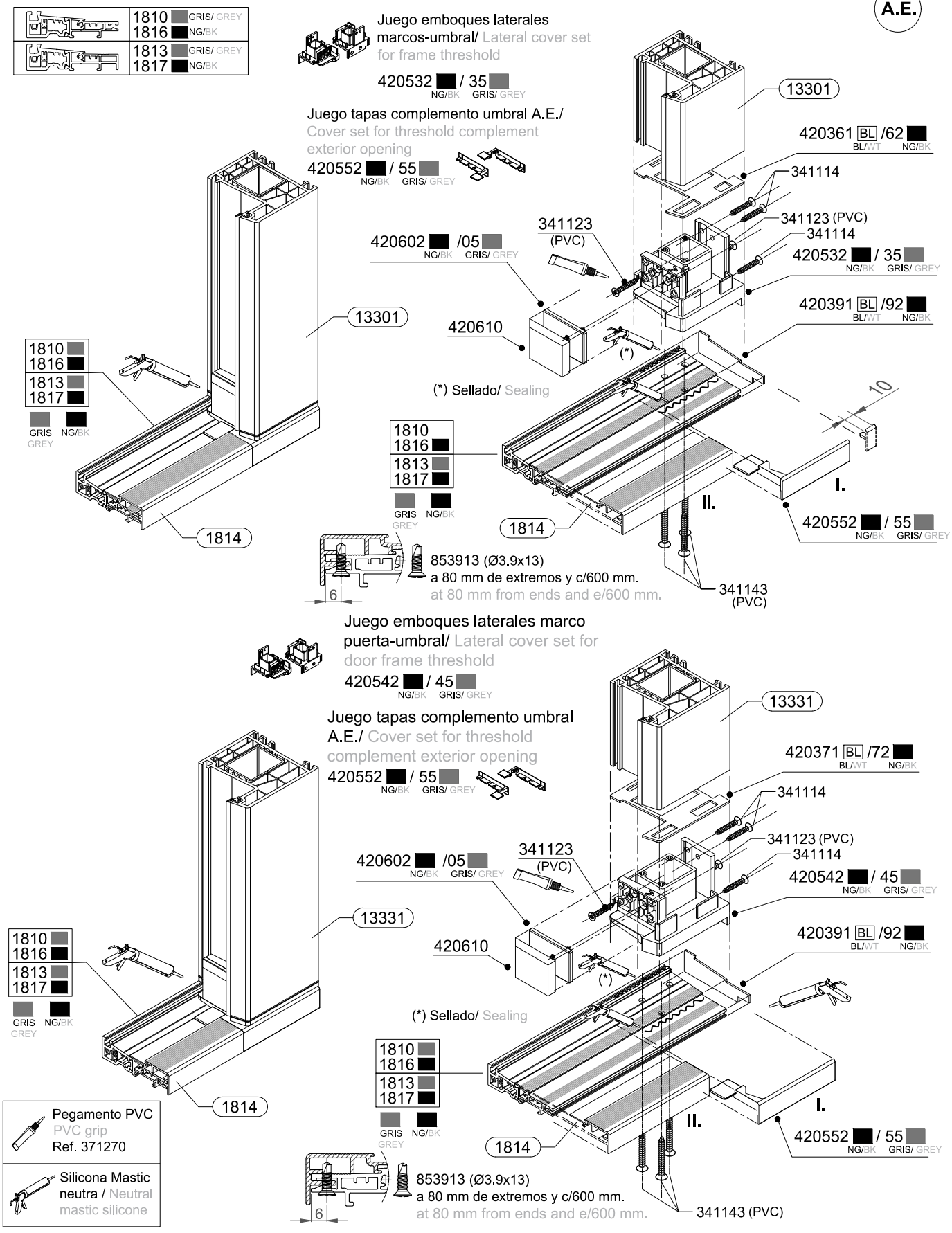


UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD

1:2

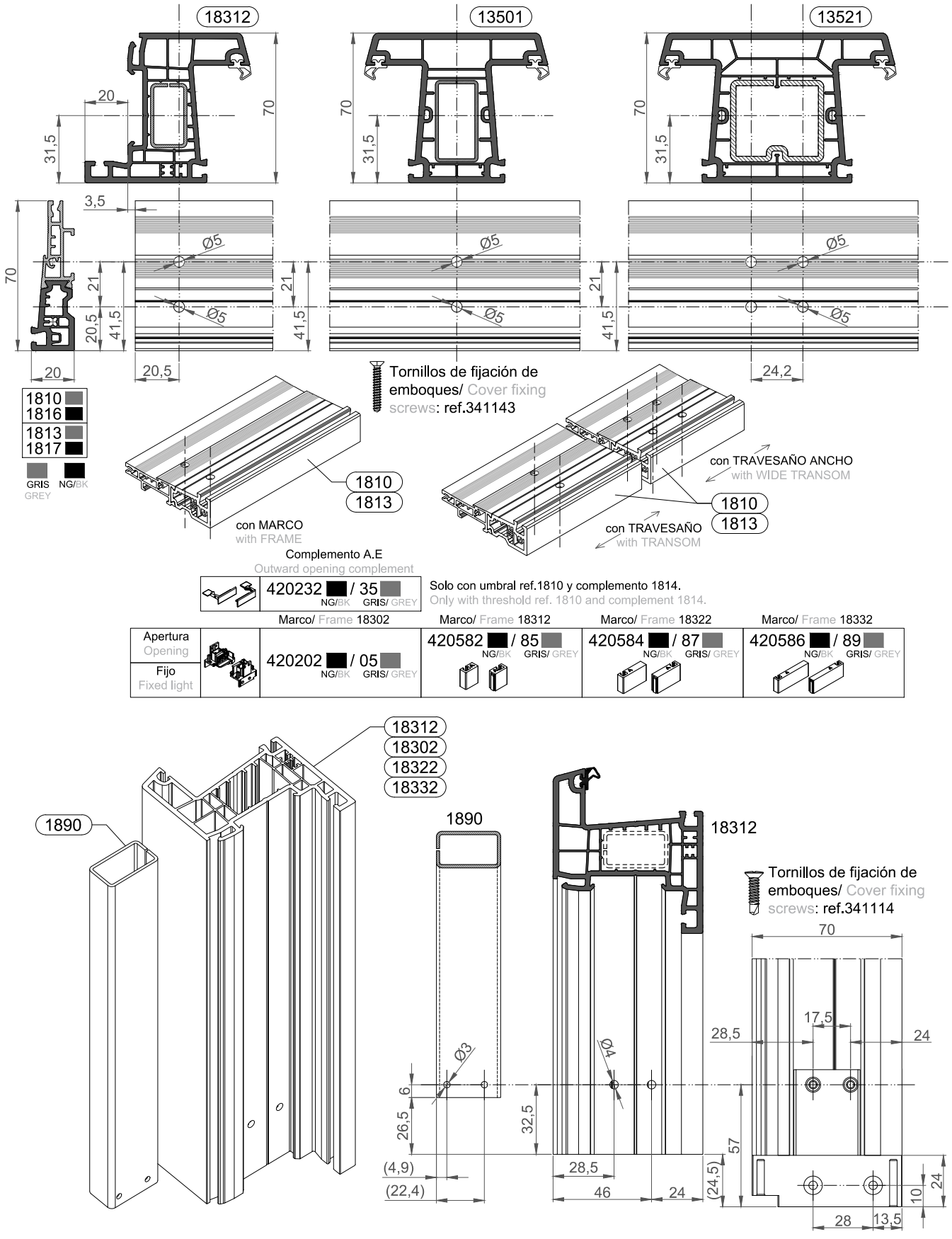


UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD



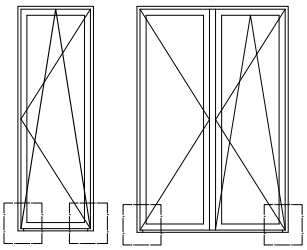
UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD

Mecanizados y piezas/ Machinings and pieces



UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Marcos/ Frames



Marco/ Frame 18302

Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

Marco/ Frame 18312

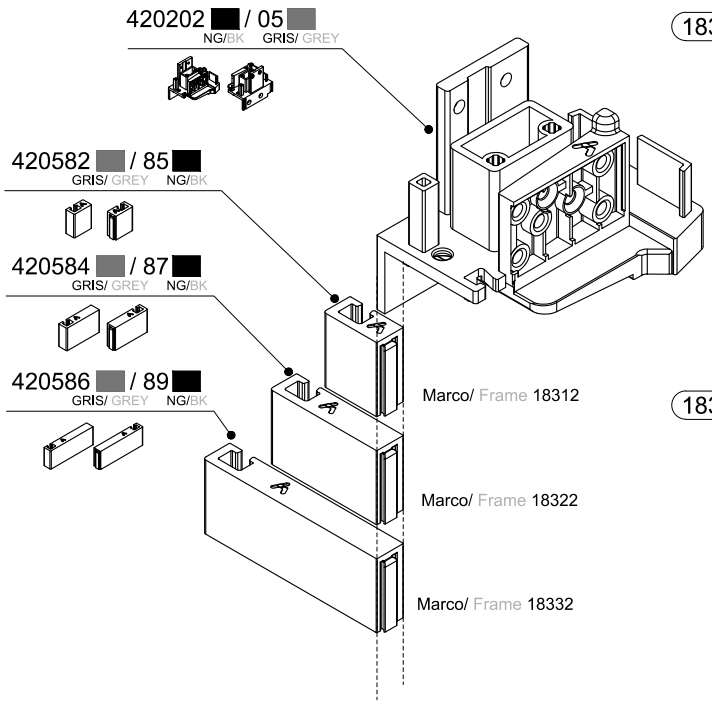
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420582 ■ / 85 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

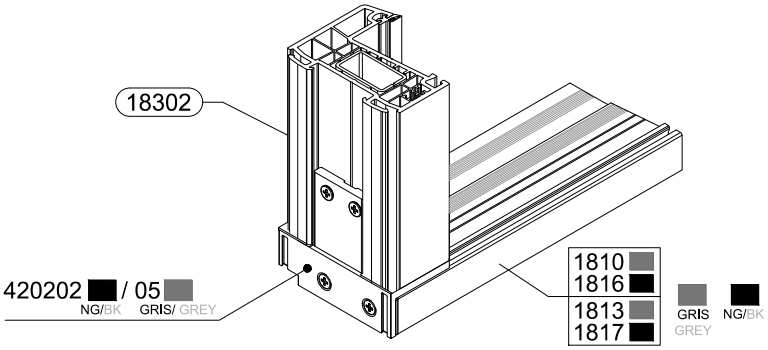
Marco/ Frame 18322

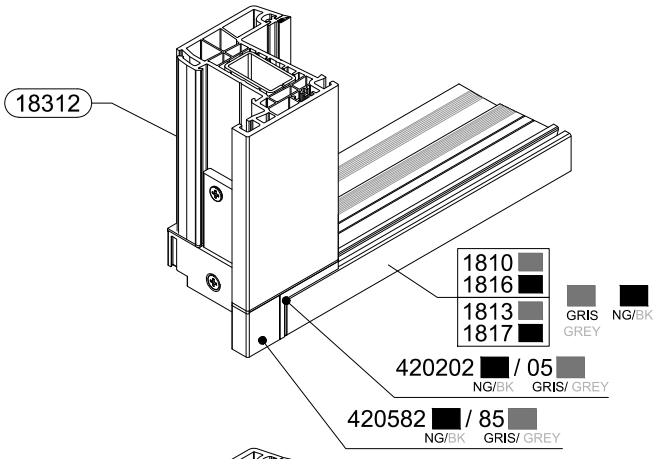
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420584 ■ / 87 ■ NG/BK GRIS/ GREY
Fijo Fixed light	

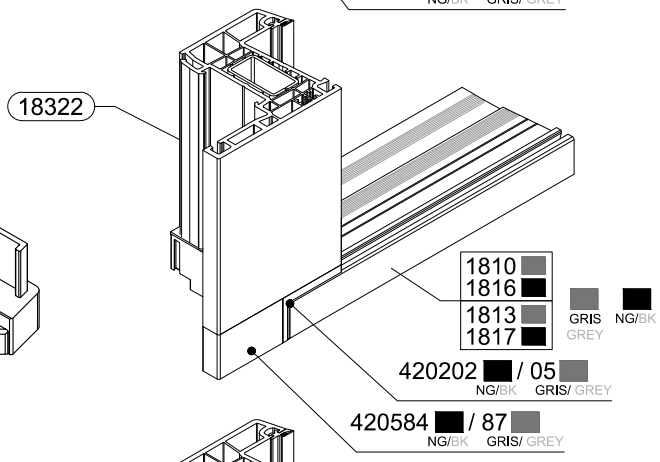
Marco/ Frame 18332

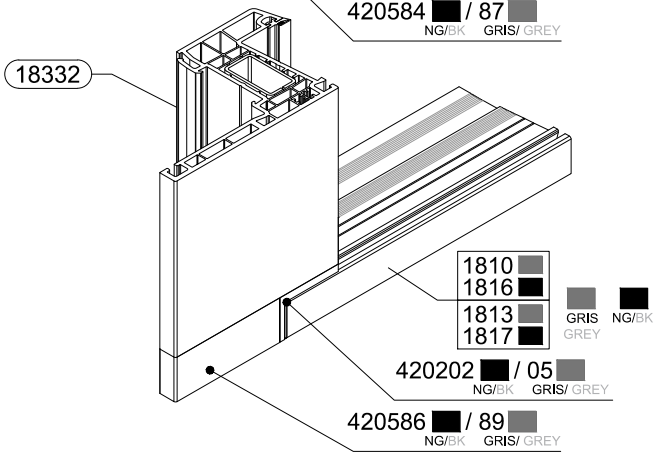
Apertura Opening	420202 ■ / 05 ■ NG/BK GRIS/ GREY + 420586 ■ / 89 ■ NG/BK GRIS/ GREY
Fijo Fixed light	





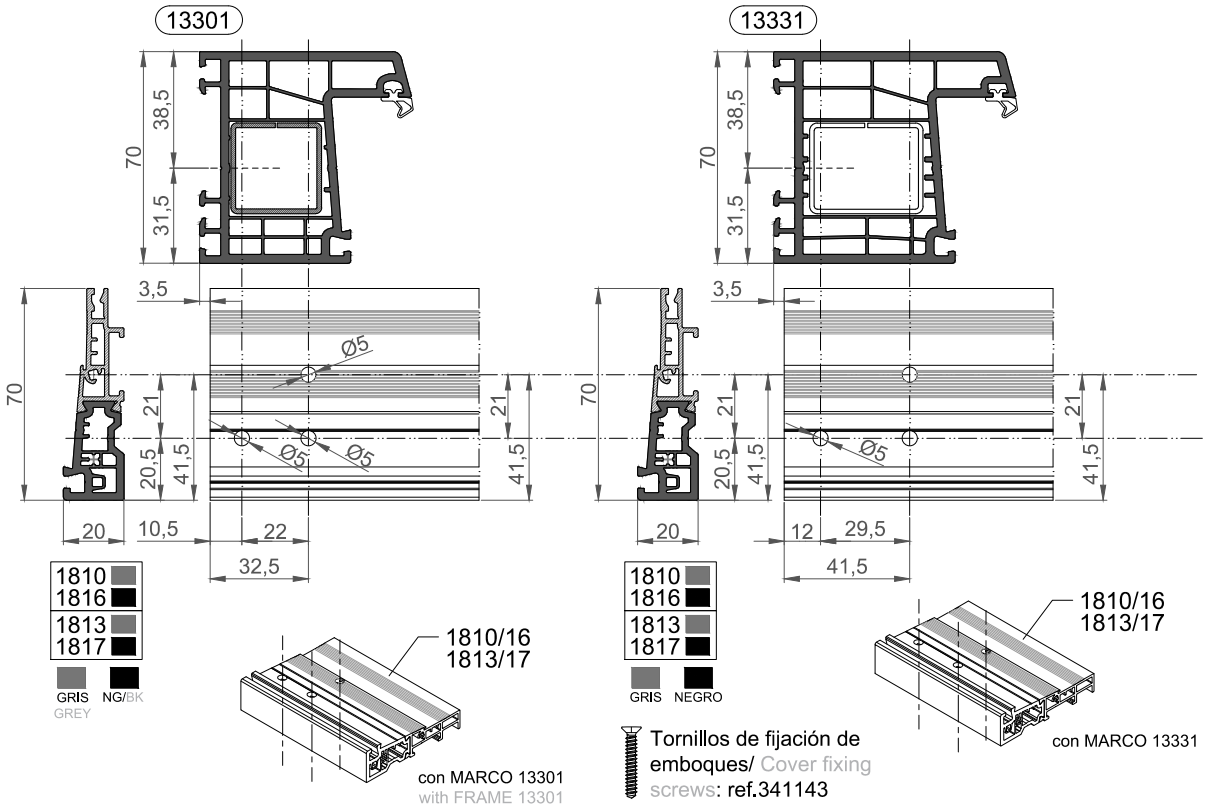


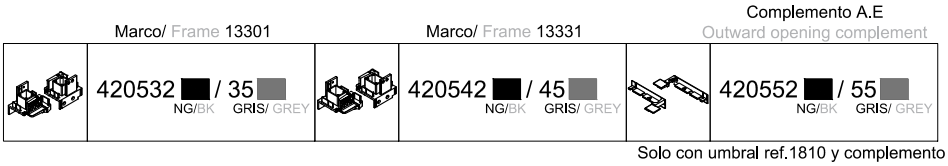




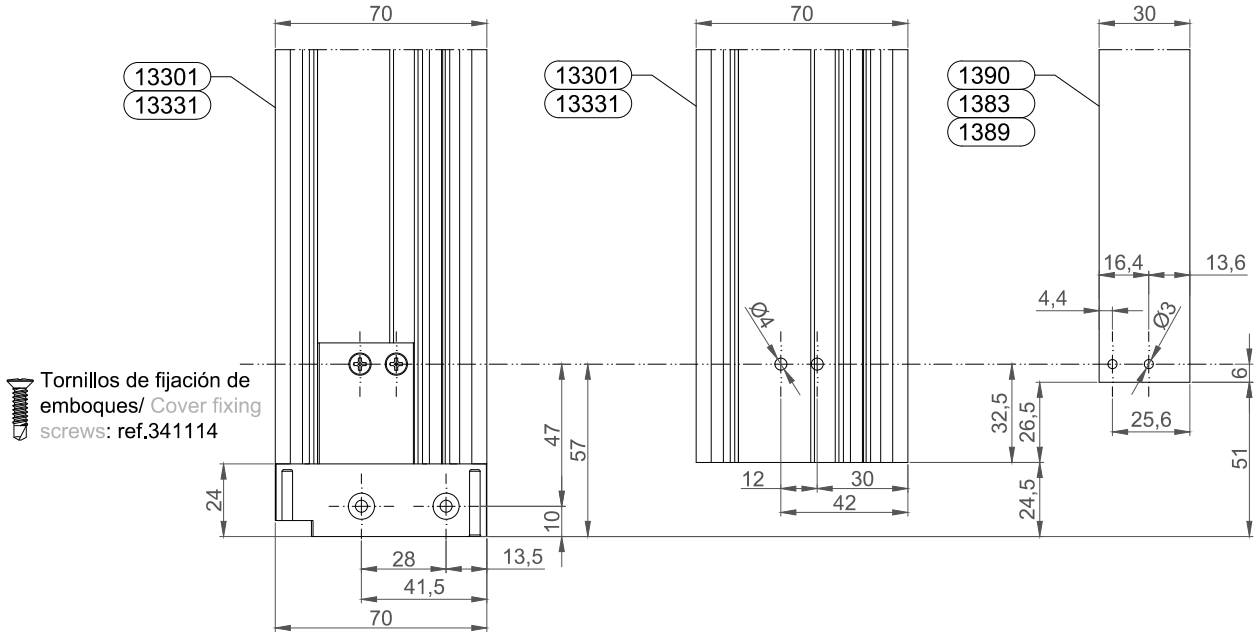
UMBRAL DE PUERTA Y BALCONERA / DOOR AND BALCONY THRESHOLD

Mecanizados y piezas/ Machinings and pieces



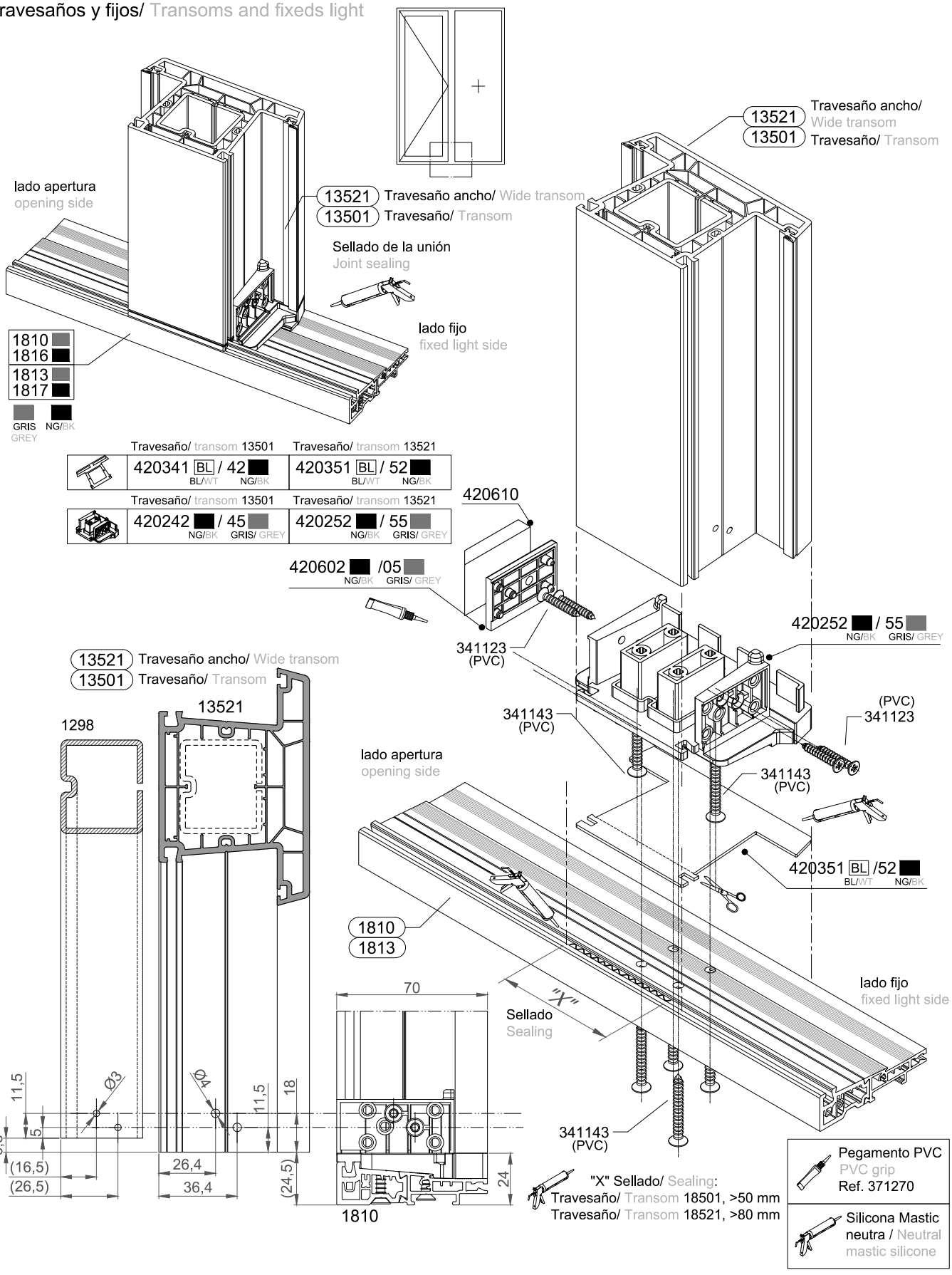


Solo con umbral ref.1810 y complemento 1814/ Only with threshold ref.1810 and complement 1814.



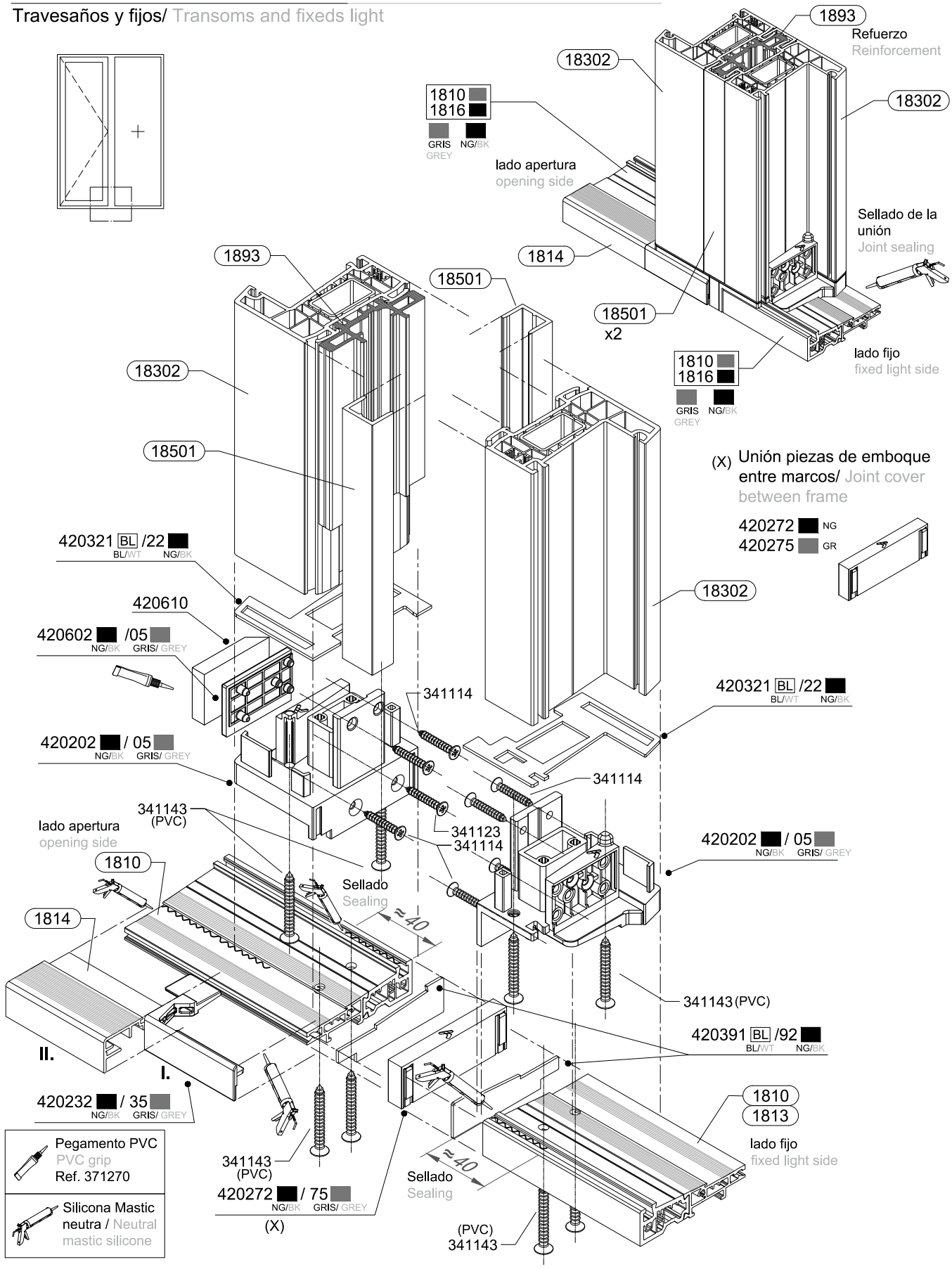
UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Travesaños y fijos/ Transoms and fixeds light

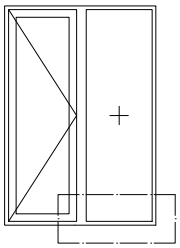


UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Travesaños y fijos/ Transoms and fixeds light



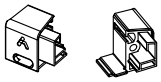
UMBRAL EN ZONA DE FIJOS - TAPAS BATIENTE EXTERIOR/ THRESHOLD IN FIXED AREA - EXTERIOR COVERS

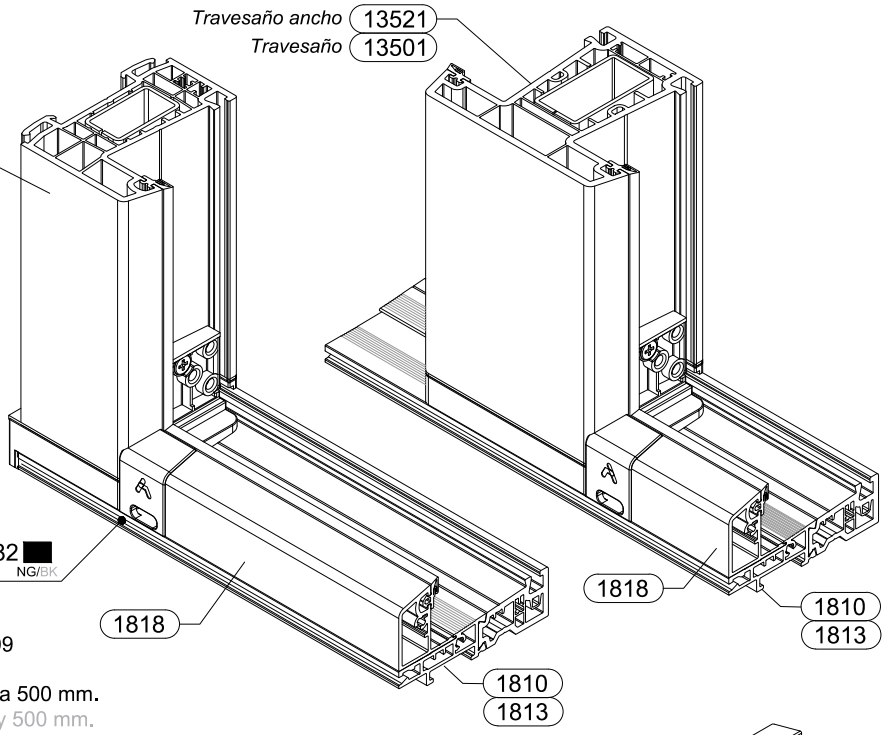


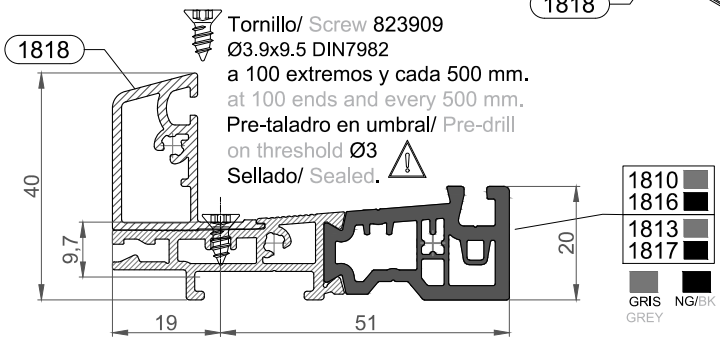
Juego tapas laterales fijos umbral
Lateral cover set for threshold

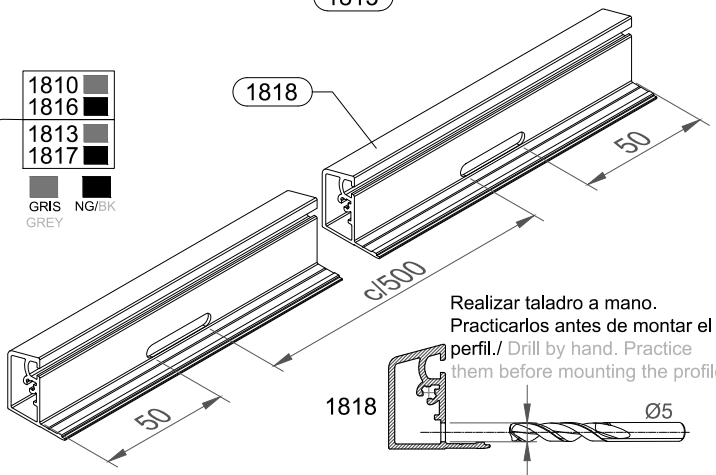
420181 BL / 82 ■ / 83 M / 84 C
420185 ■

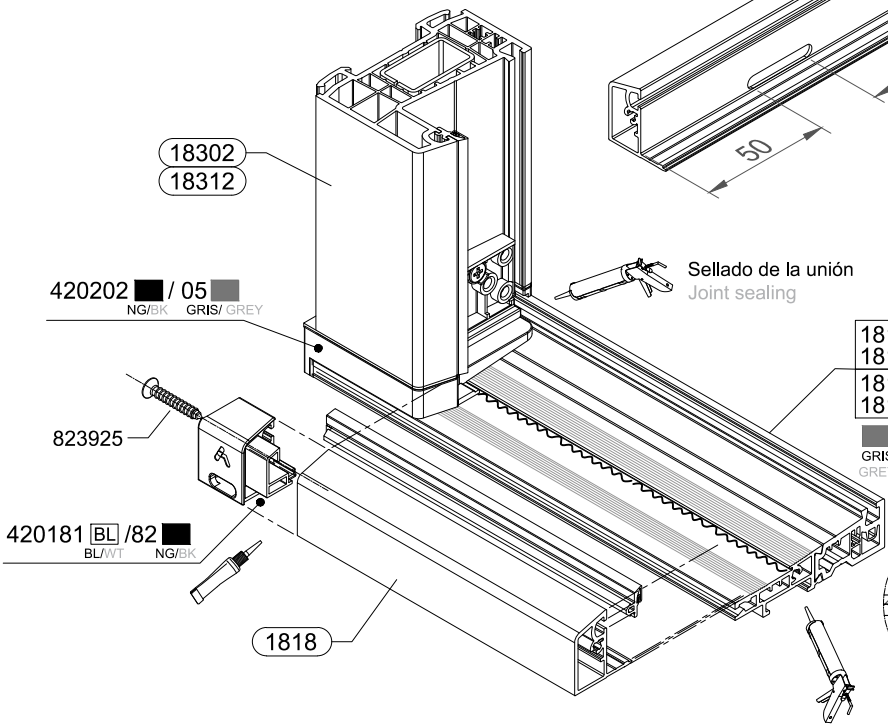
■	■	BL	M	C	P	G
Negro Black	Gris Grey	Blanco White	Marrón Brown	Caramelo Caramel	Plata Silver	Gris 7016 Grey 7016



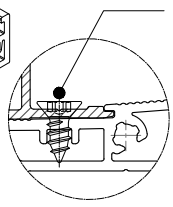








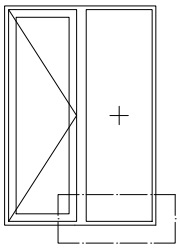
Las cunas y calzas para acristalar no deben obstruir los drenajes practicados. Deben desplazarse en su posición/ Packer for glazing must not obstruct the drains. They must move into position.



Pegamento PVC
PVC grip
Ref. 371270

Silicona Mastic neutra / Neutral mastic silicone

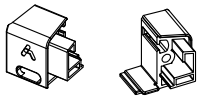
UMBRAL EN ZONA DE FIJOS - TAPAS BATIENTE EXTERIOR/ THRESHOLD IN FIXED AREA - EXTERIOR COVERS

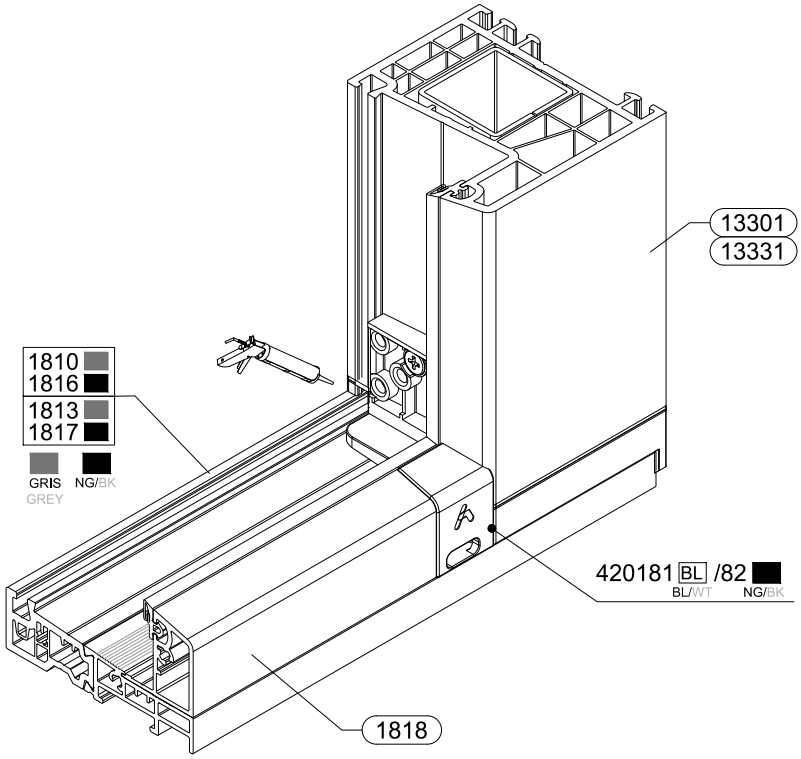


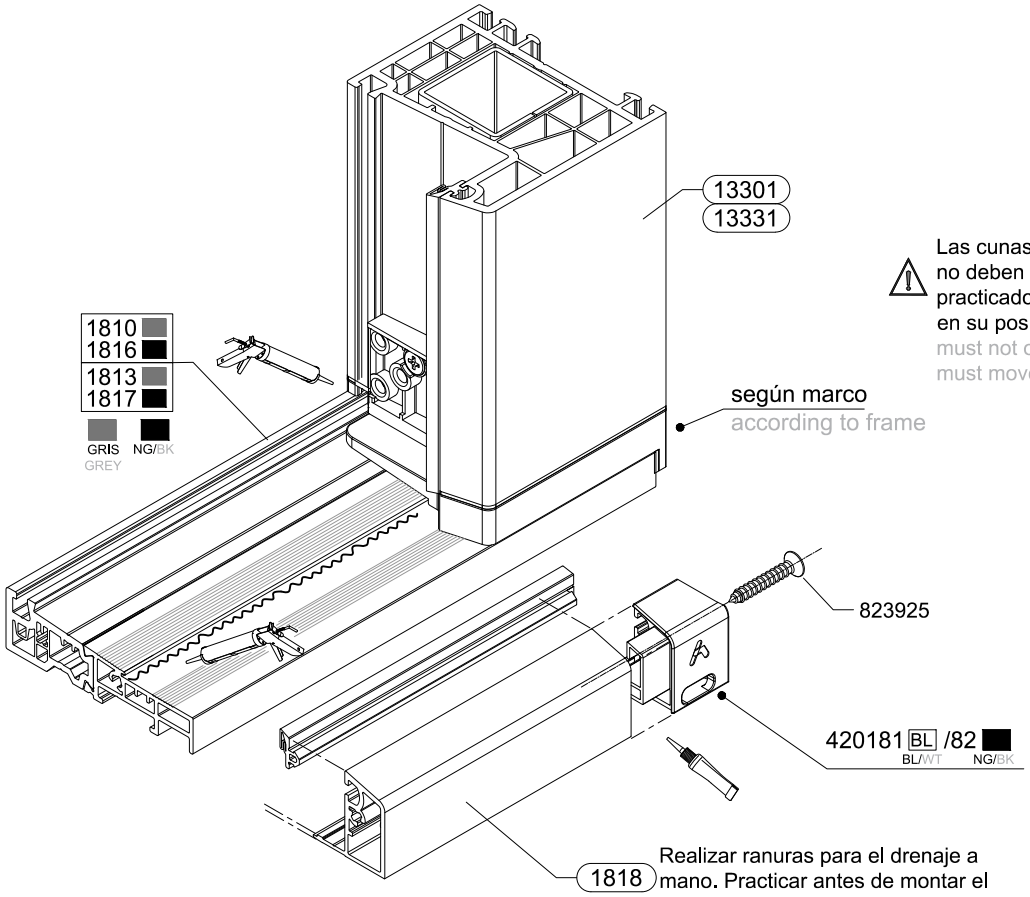
Juego tapas laterales fijos umbral
Lateral cover set for threshold

420181 BL / 82 ■ / 83 M / 84 C
420185 ■

■	■	BL	M	C	P	G
Negro Black	Gris Grey	Blanco White	Marrón Brown	Caramelo Caramel	Plata Silver	Gris 7016 Grey 7016







⚠ Las cunas y calzas para acristalar no deben obstruir los drenajes practicados. Deben desplazarse en su posición/ Packer for glazing must not obstruct the drains. They must move into position.

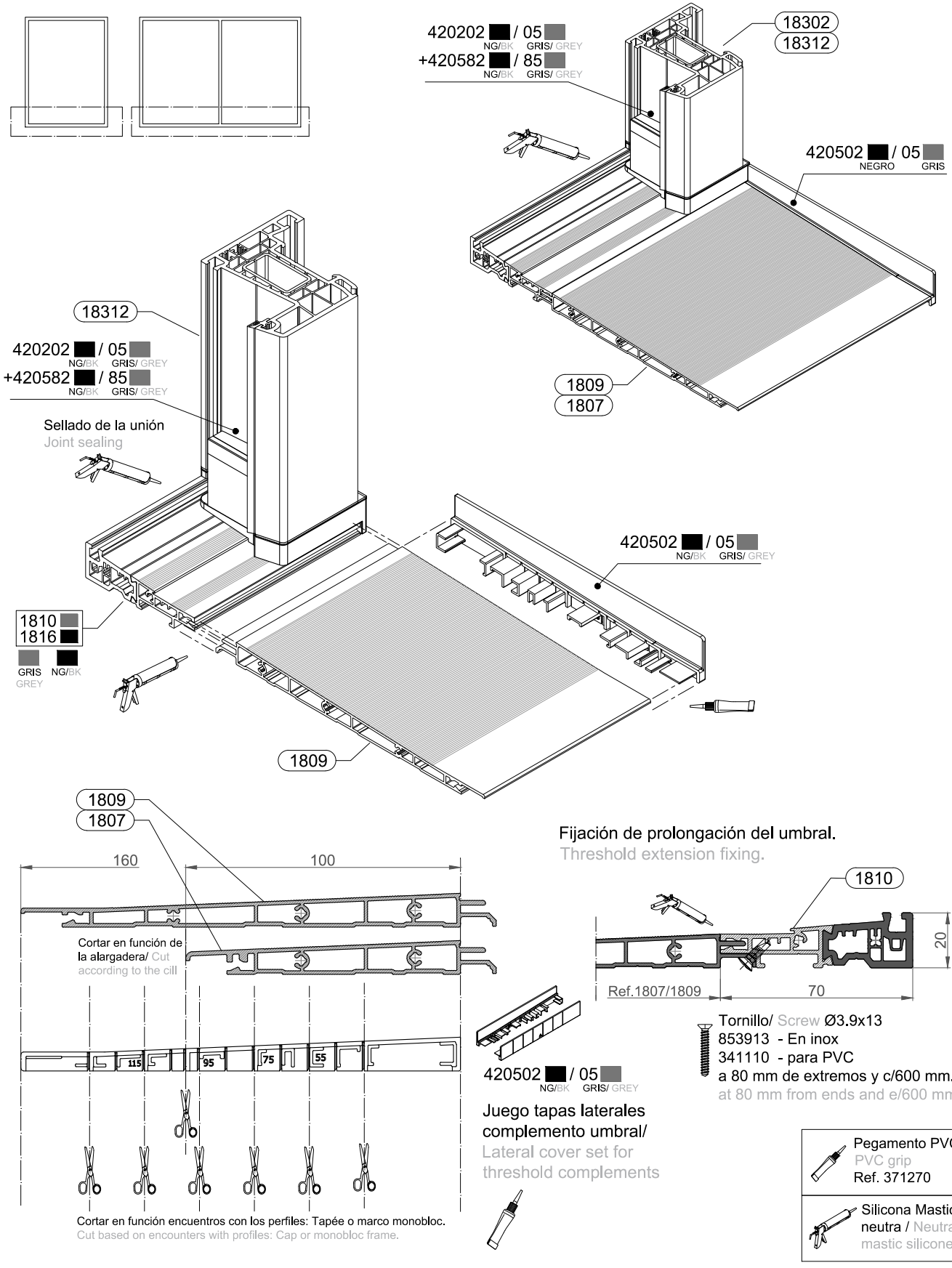
Realizar ranuras para el drenaje a mano. Practicar antes de montar el perfil/ Make slots for drainage by hand. Practice before mounting the profile.

	Pegamento PVC PVC grip Ref. 371270
	Silicona Mastic neutra / Neutral mastic silicone

UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

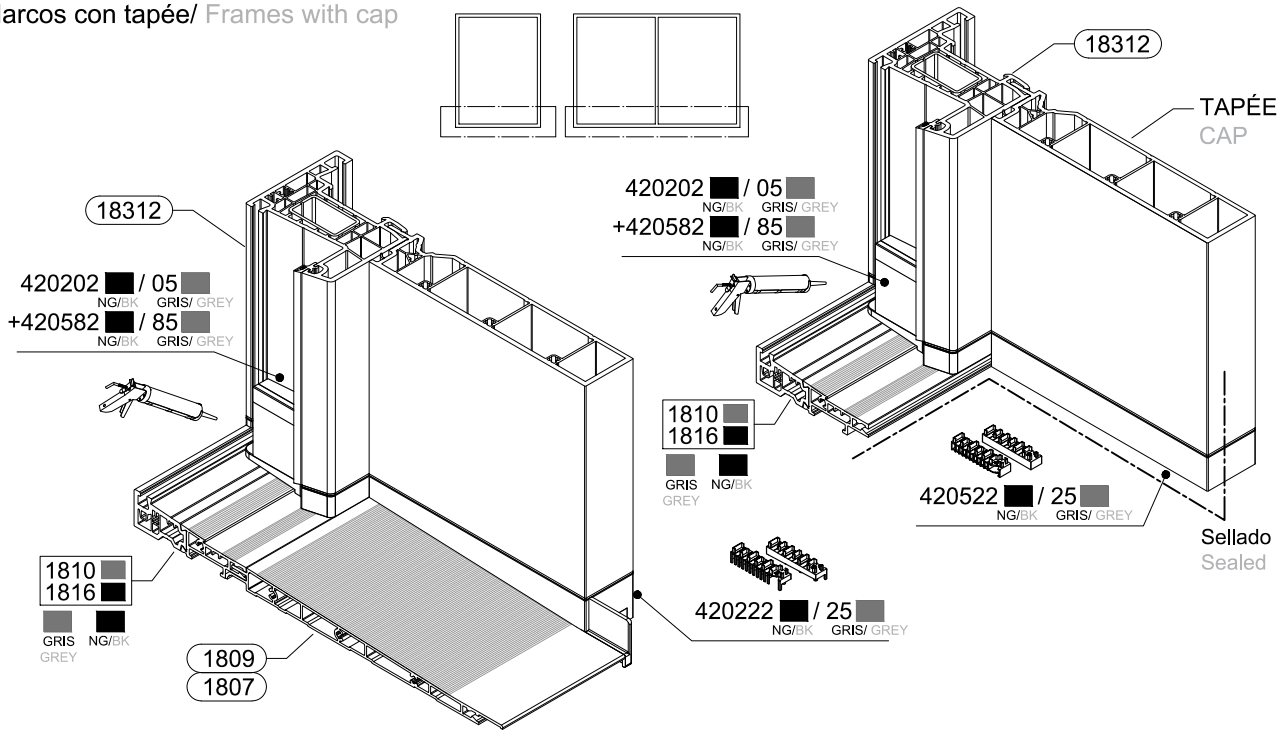
Marcos/ Frames

1:2



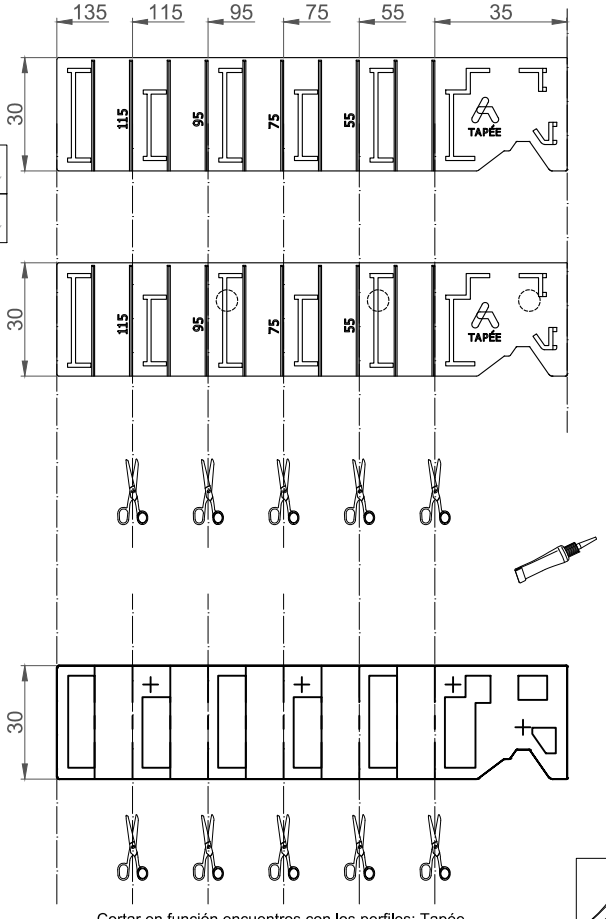
UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Marcos con tapée/ Frames with cap



Marcos con tapée/ Frames with cap

	sobre el umbral over the threshold	420222 ■ / 25 ■ NG/BK GRIS/ GREY
	sin umbral without threshold	420522 ■ / 25 ■ NG/BK GRIS/ GREY



Kit estanqueidad unión tapées
Watertightness kit for cap joint

420311 BL /12 ■

■ Negro Black · Gris Grey · BL Blanco White · M Marrón Brown · C Caramelo Caramel · P Plata Silver · G Gris 7016 Grey 7016

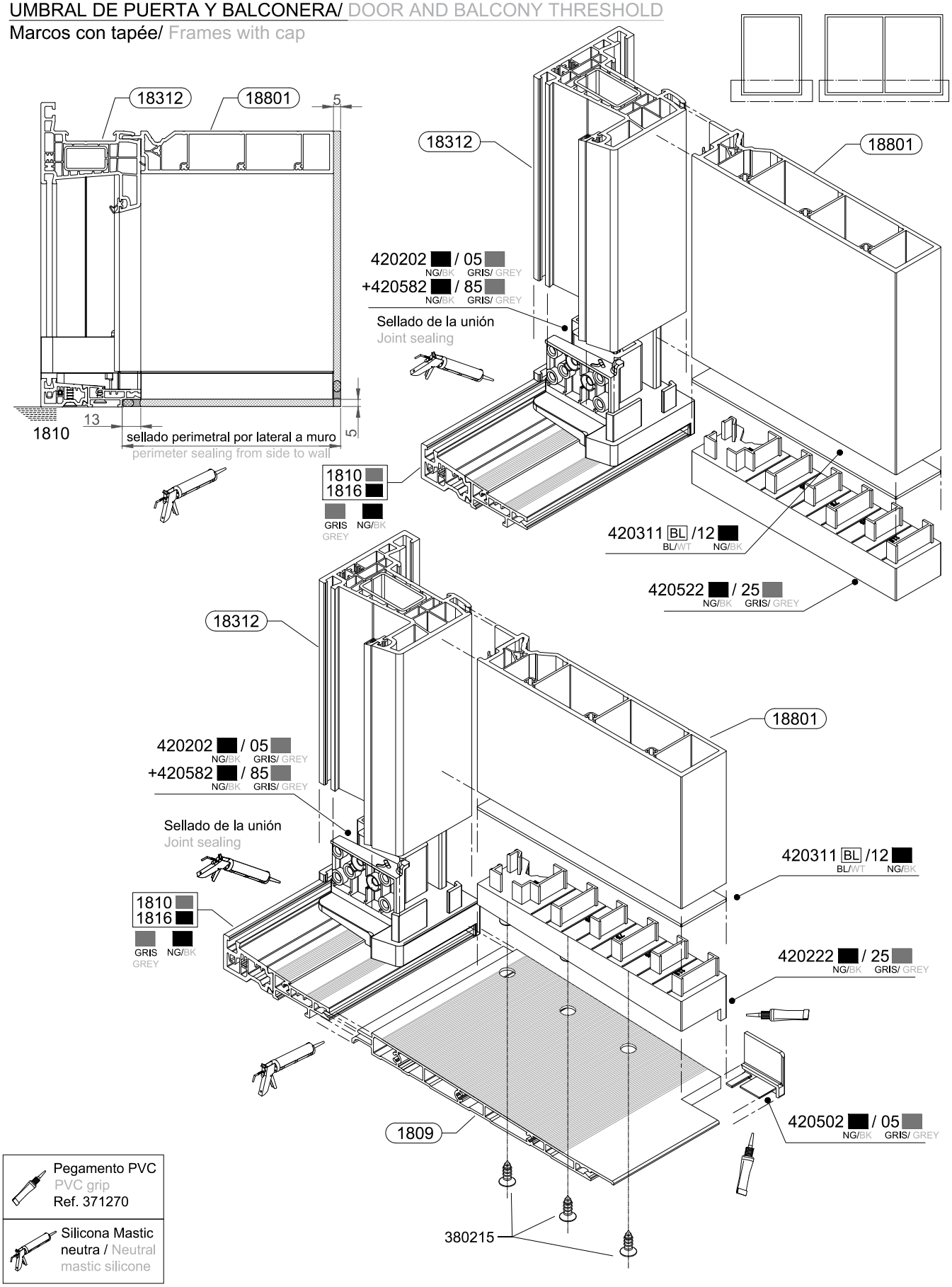
Cortar en función encuentros con los perfiles: Tapée.
Cut based on encounters with profiles: Cap.

Pegamento PVC
PVC grip
Ref. 371270

Silicona Mastic neutra / Neutral mastic silicone

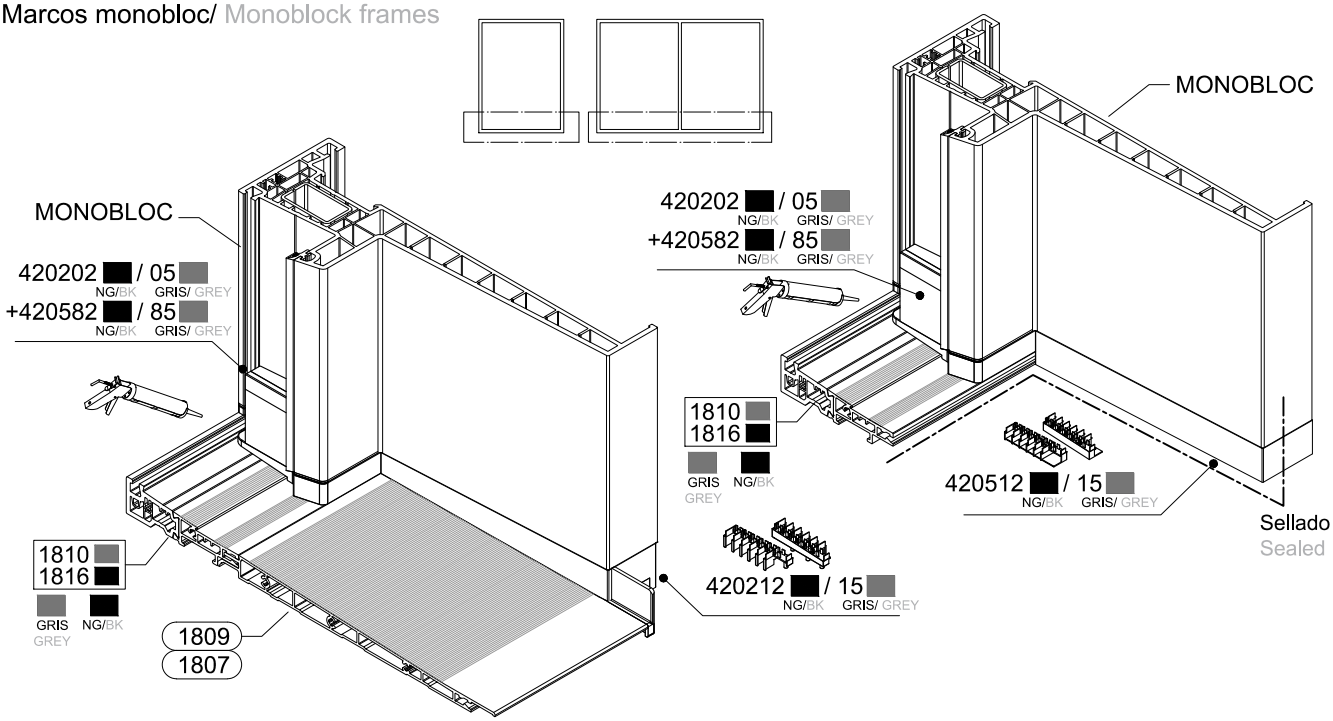
UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

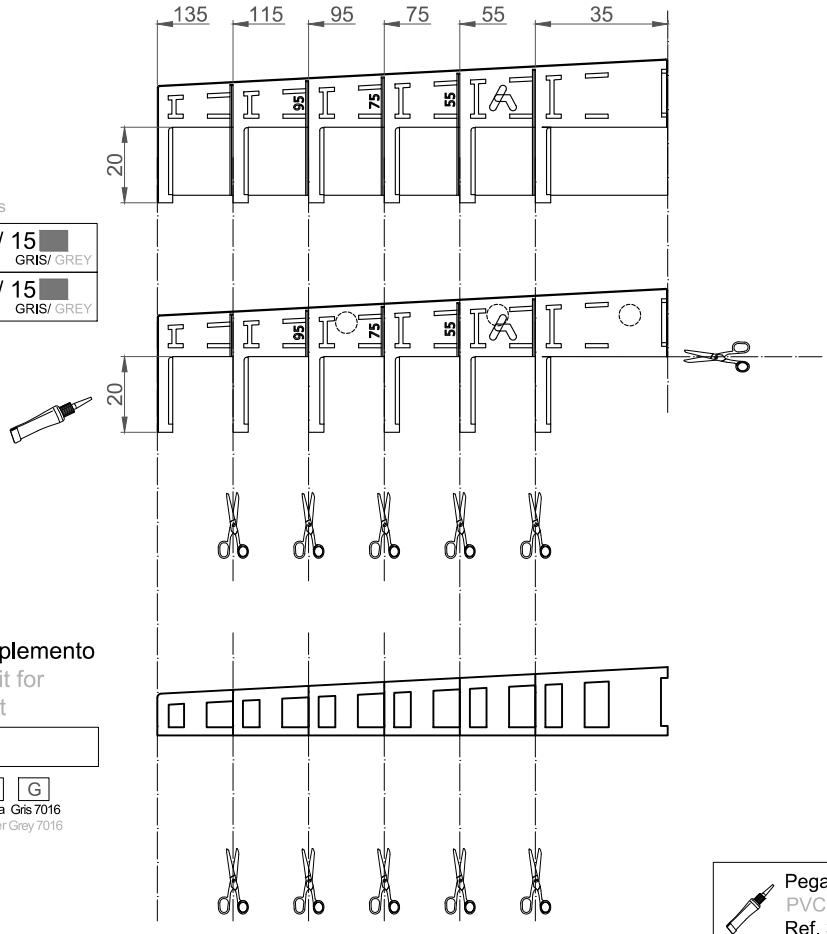
Marcos con tapée/ Frames with cap



UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Marcos monobloc/ Monoblock frames





Marcos monobloc/ Monoblock frames

	sobre el umbral over the threshold	420212 ■ / 15 ■ NG/BK GRIS/ GREY
	sin umbral without threshold	420512 ■ / 15 ■ NG/BK GRIS/ GREY

Kit estanqueidad unión complemento monobloc/ Watertightness kit for monoblock complement joint

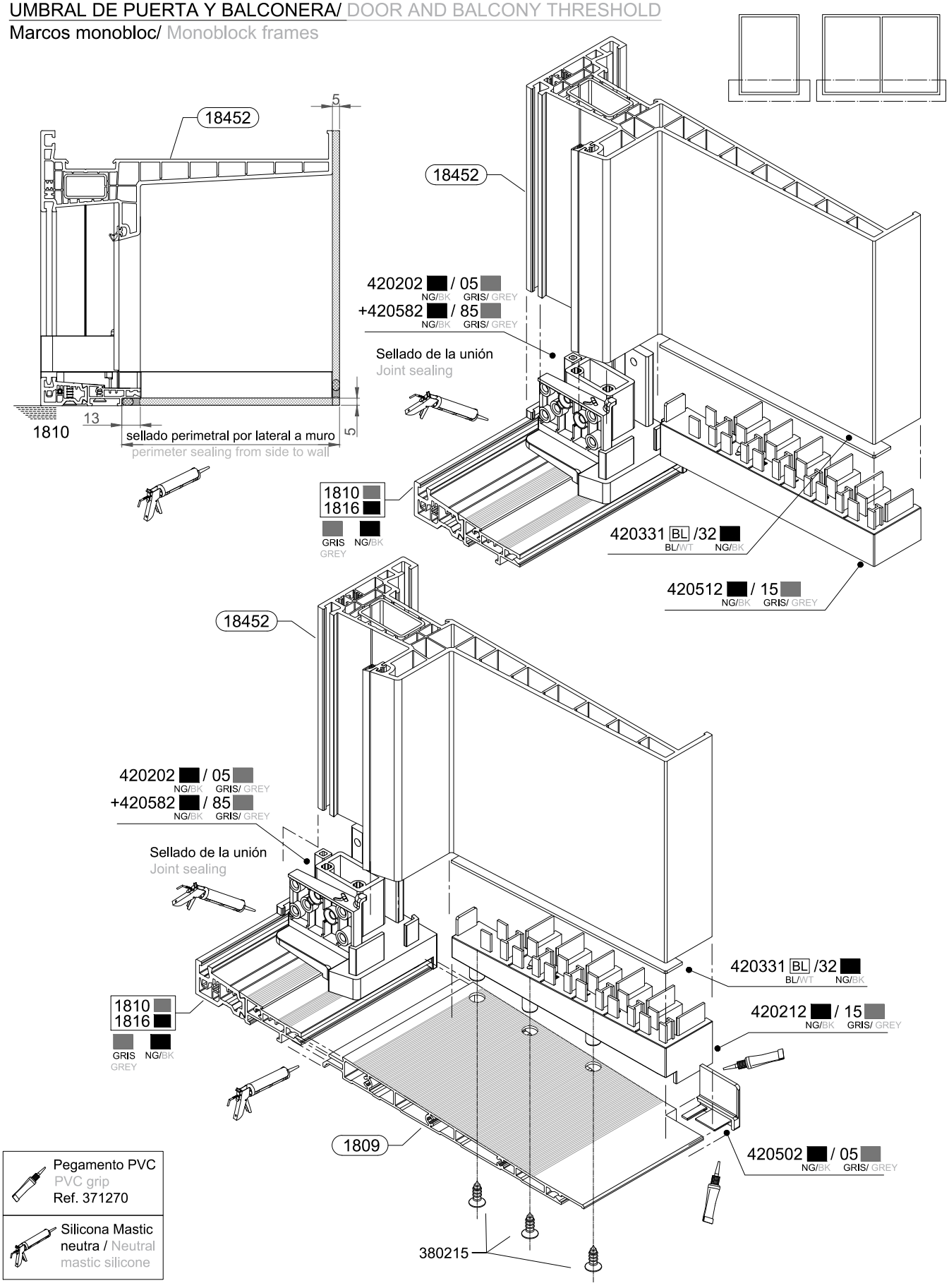
420331 [BL] /32 ■

■	■	[BL]	[M]	[C]	[P]	[G]
Negro Black	Gris Grey	Blanco White	Marrón Brown	Caramelo Caramel	Plata Silver	Gris 7016 Grey 7016

	Pegamento PVC PVC grip Ref. 371270
	Silicona Mastic neutra / Neutral mastic silicone

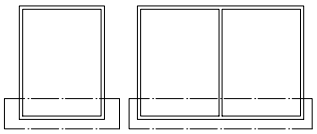
UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

Marcos monobloc/ Monoblock frames

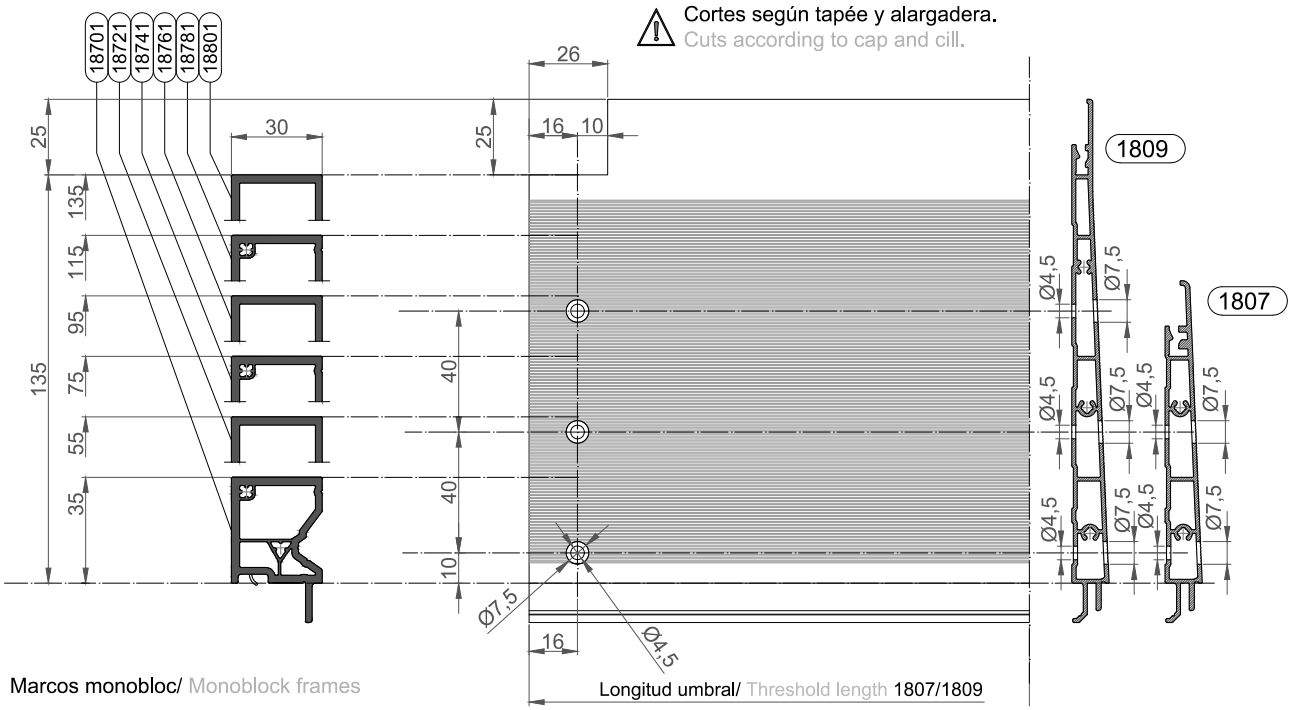


UMBRAL DE PUERTA Y BALCONERA/ DOOR AND BALCONY THRESHOLD

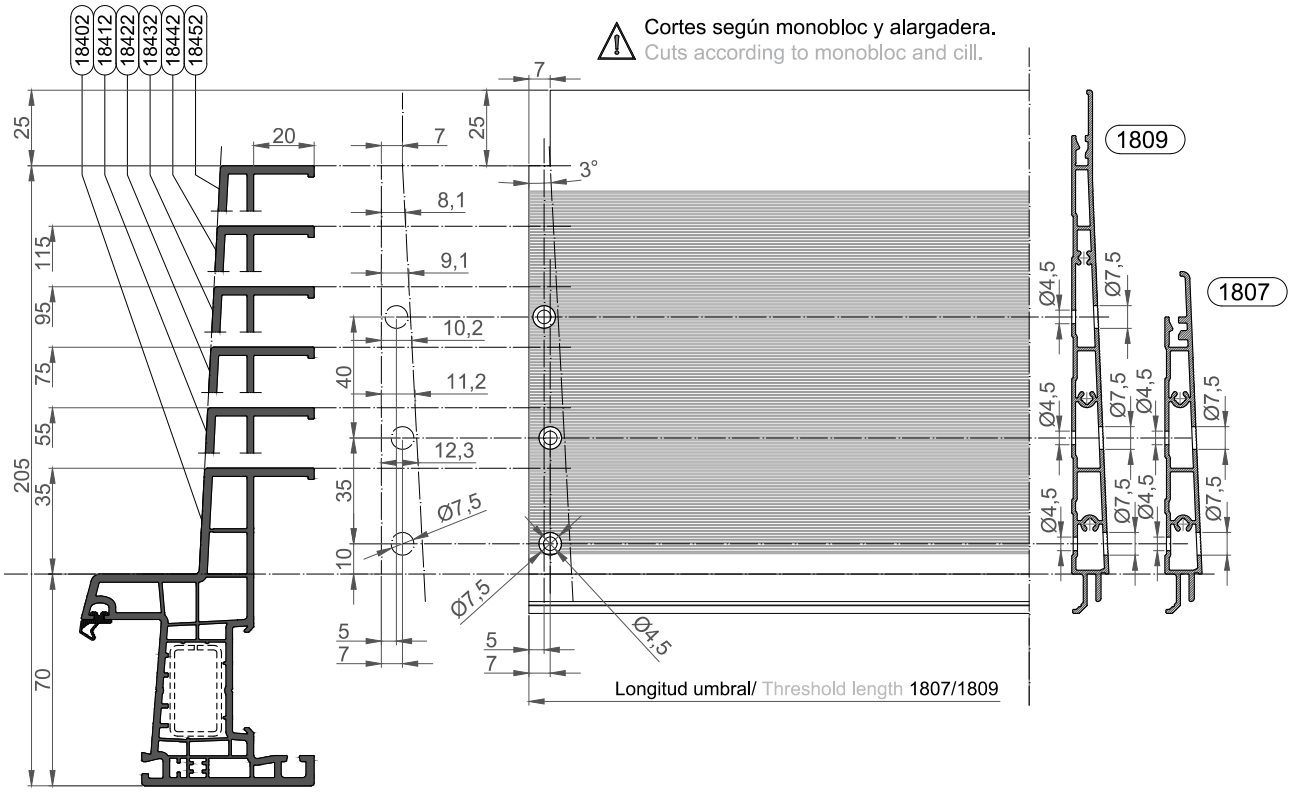
Mecanizados en perfil extensión de umbral/ Threshold extension profile machining



Marcos con tapée/ Frames witch cap

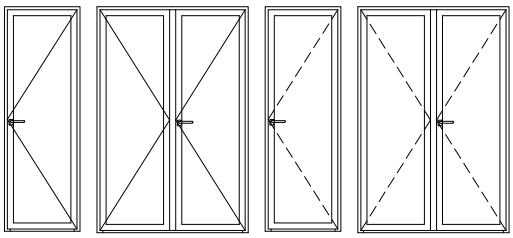


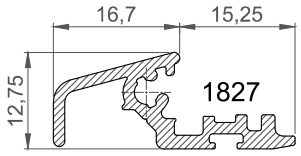
Marcos monobloc/ Monoblock frames



REMATES DE HOJA DE PUERTA Y BALCONERA/ DOOR SASH AND BALCONY FINISHES

1:2



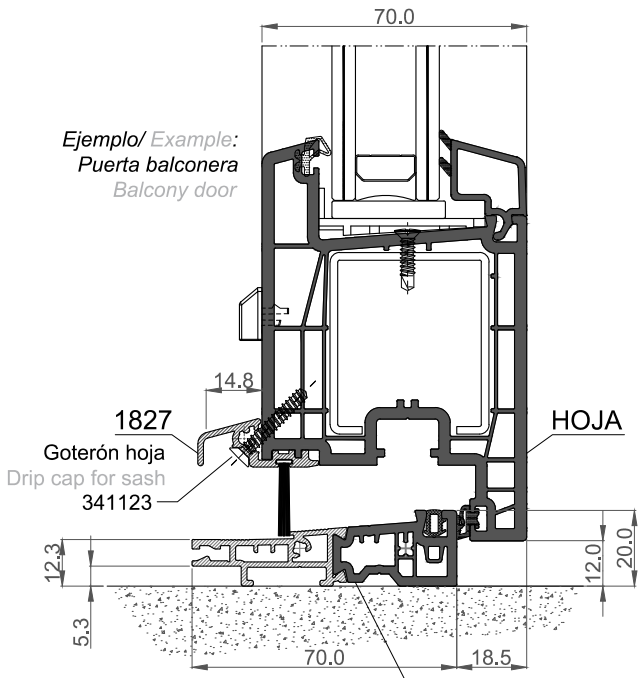


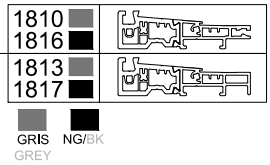
Corte recto.

A.I.	421320 / 21	NG/BK	GRIS/ GREY
A.E.	421322 / 23	NG/BK	GRIS/ GREY

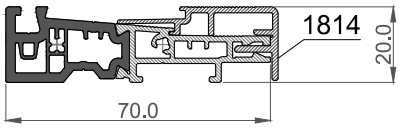
Tornillo fijación goterón/ Drip fixing screw
Ø4.2x25 (ref.: 341123)
a 80 mm de extremos y c/ 350 mm.
at 80 mm from ends and c/ 350 mm.

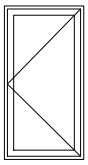
Ejemplo/ Example:
Puerta balconera
Balcony door

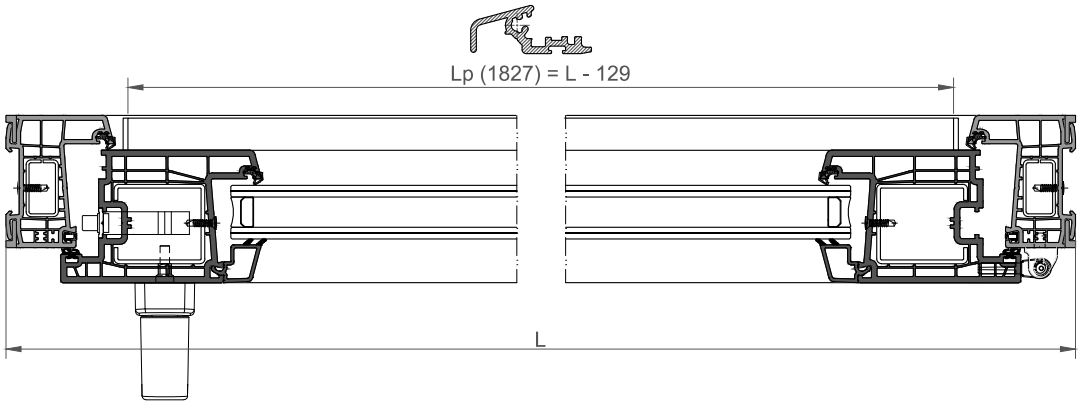


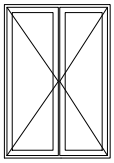


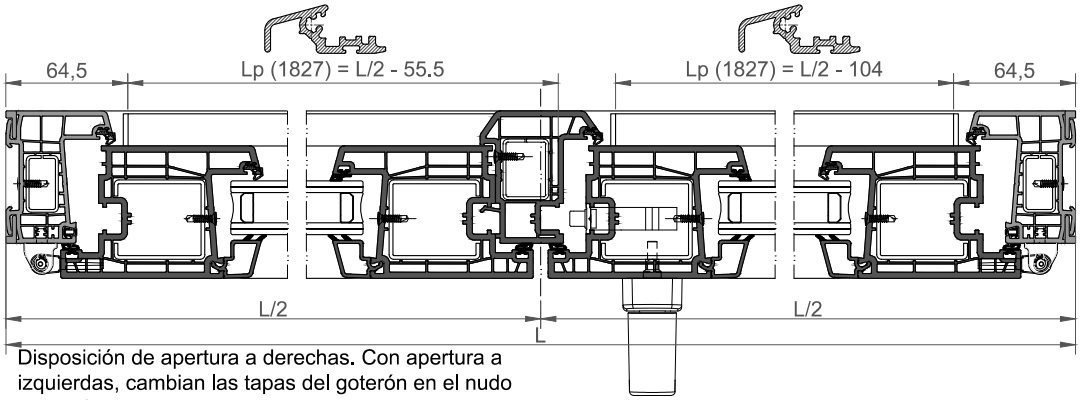
1810/1816
En aperturas exteriores.
In exterior openings.







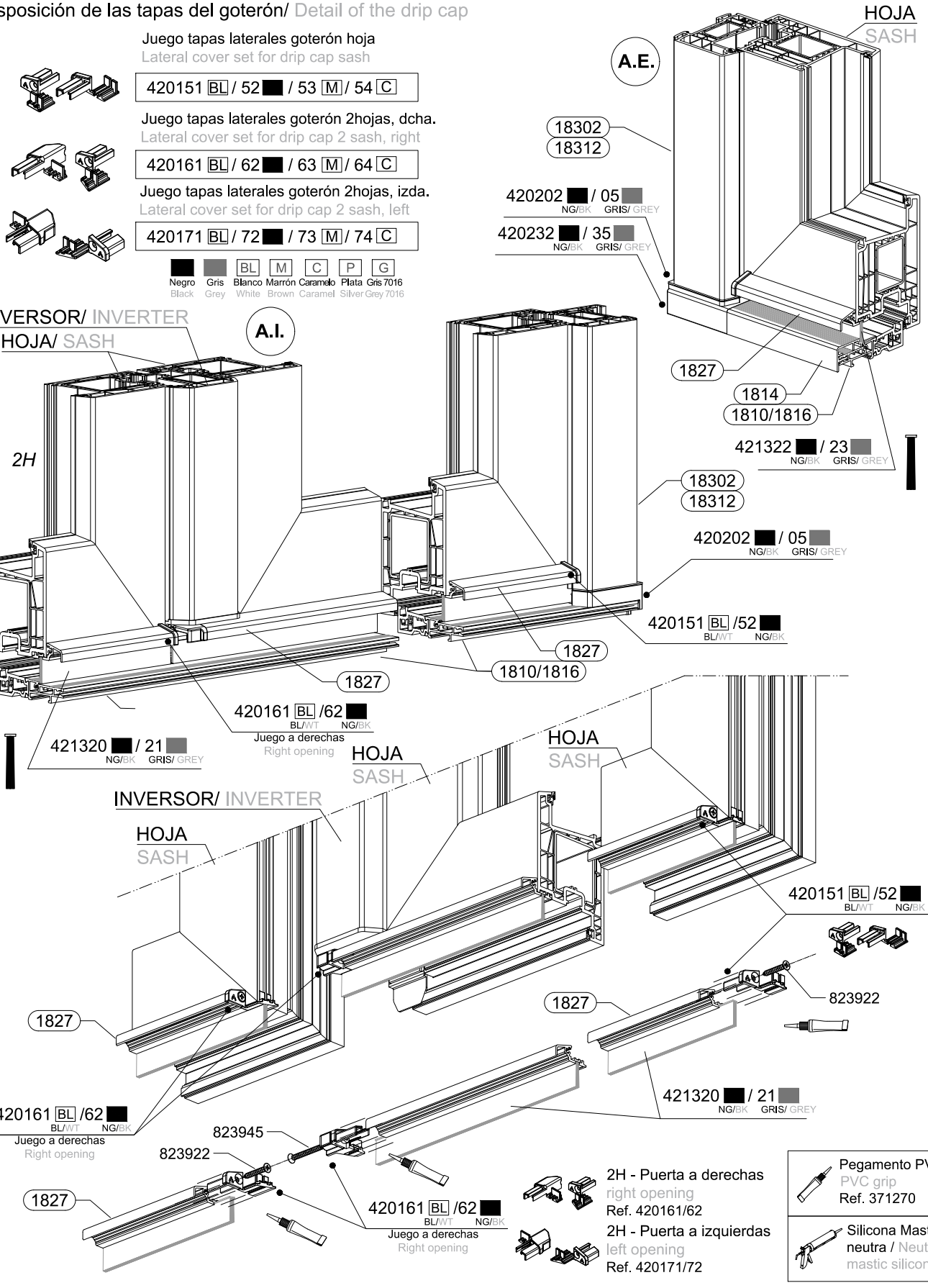




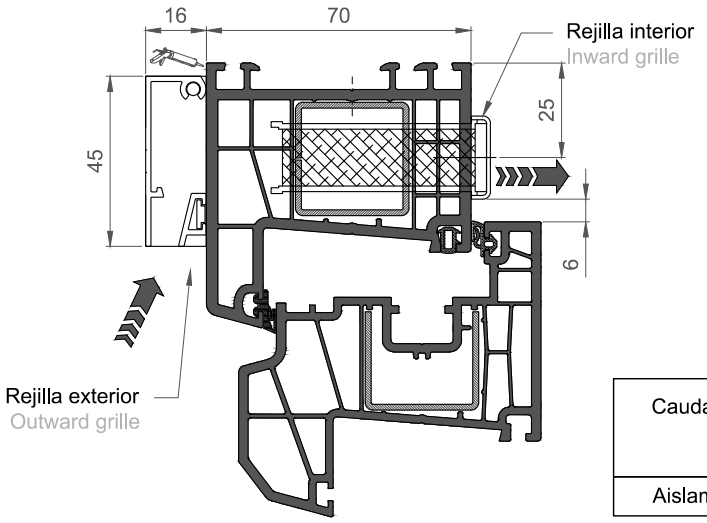
Disposición de apertura a derechas. Con apertura a izquierdas, cambian las tapas del goterón en el nudo central/ Right-hand opening detail. With opening to the left, the drip caps in the central section change.

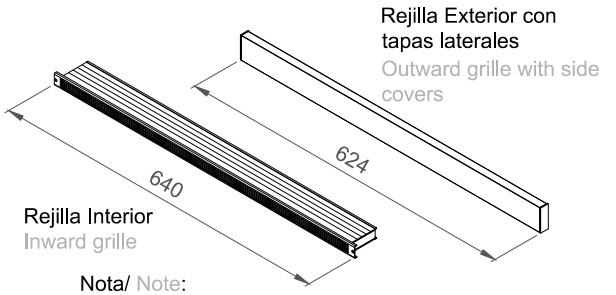
REMATES DE HOJA DE PUERTA Y BALCONERA/ DOOR SASH AND BALCONY FINISHES

Disposición de las tapas del goterón/ Detail of the drip cap



AIREADORES/ TRICKLE VENT





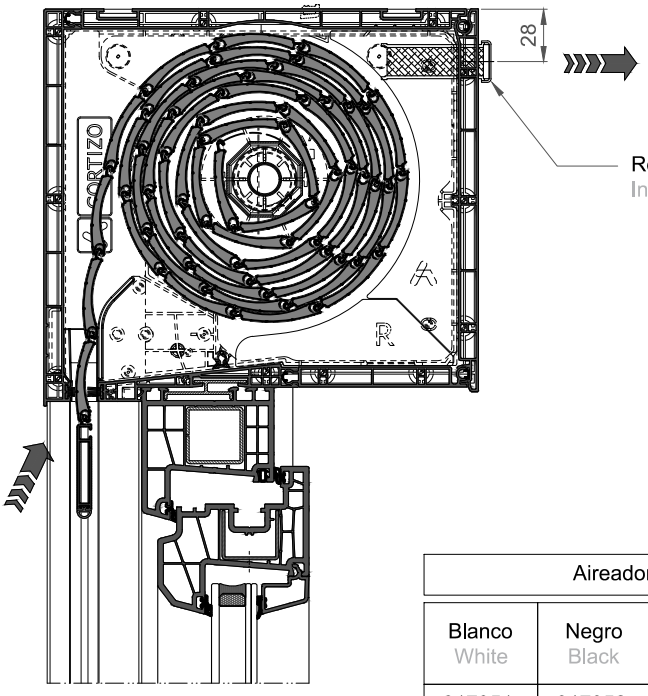
Nota/ Note:
Para los mecanizados a realizar, dirigirse al apartado de Detalles de Fabricación/ For the machining to be carried out, go to the fabrication details section

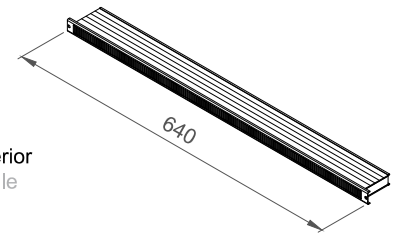
Caudal medido/ rated air flow = 20 Pa (según EN13141) Caudal nominal/ nominal air flow = 10 l/s Superficie geométrica/ geometric surface = 40 cm².
Aislamiento acústico/ acoustic insulation = 34 dBA (CTE DB-HR)

Aireador de rejilla interior - exterior/ Trickle vent of inward-outward grille						
Blanco White	Negro Black	Marrón Brown	Color Colour	Plata claro Light silver	Plata oscuro Dark silver	Lacado inox Inox powder coating
317961	317962	317969	317963	327965	327966	317964

Juego tapas laterales rejilla exterior/ Outwrad lateral plastic end plates set		
Blanco White	Negro Black	Plata Silver
317971	317972	317973

AIREADOR EN CAJÓN MONOBLOCK/ TRICKLE VENT IN MONOBLOCK



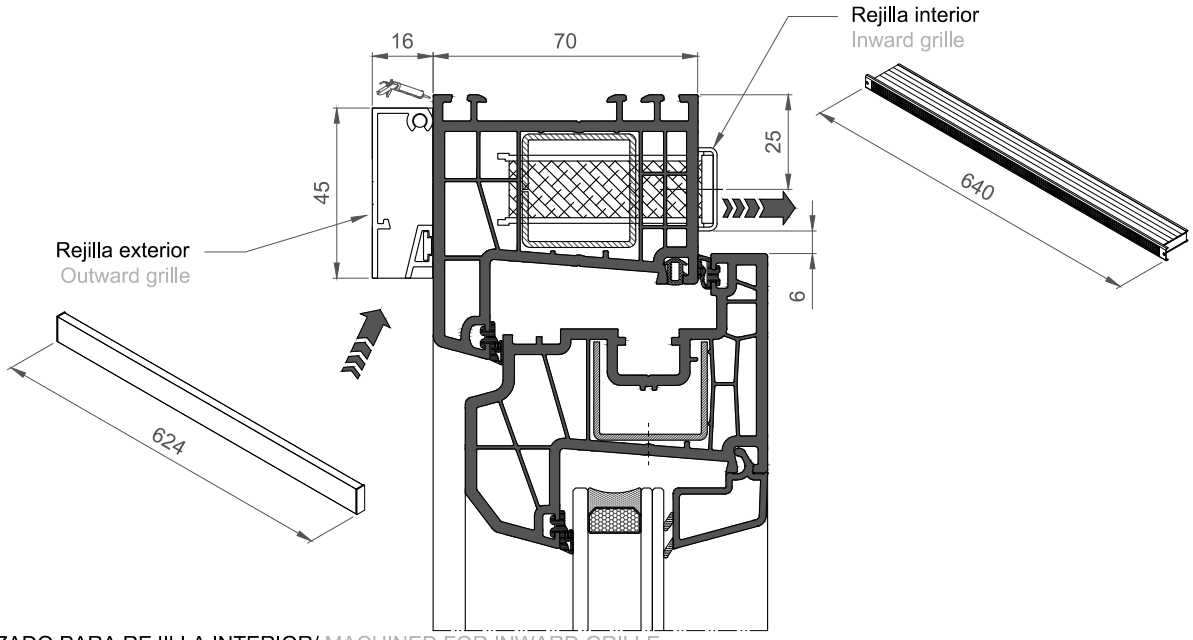


Nota/ Note:
Para los mecanizados a realizar, dirigirse al apartado de detalles de fabricación/ For the machining to be carried out, go to the fabrication details section

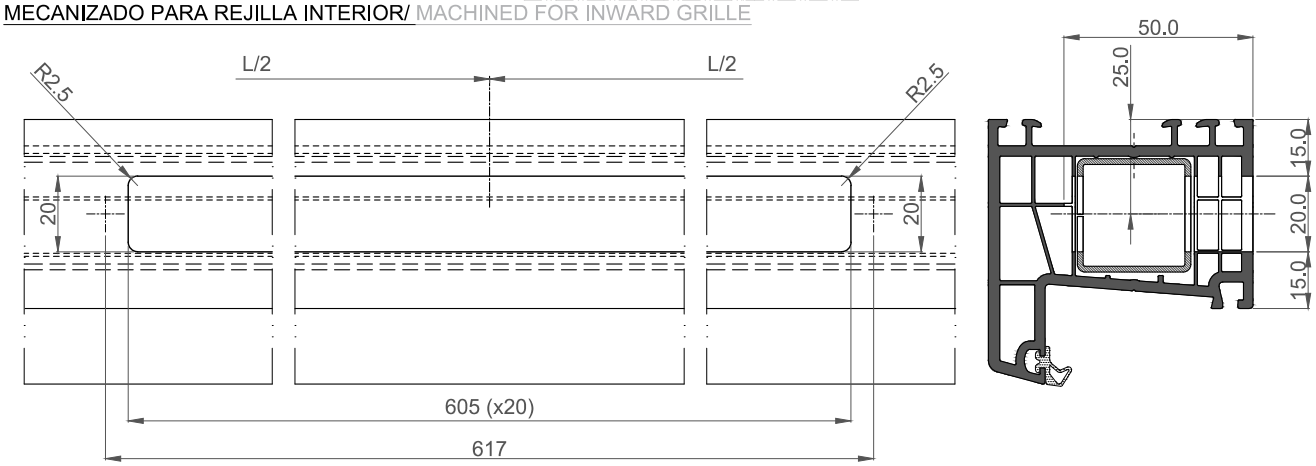
Aireador de rejilla interior/ Trickle vent of Inward grille						
Blanco White	Negro Black	Marrón Brown	Color Colour	Plata claro Light silver	Plata oscuro Dark silver	Lacado inox Inox powder coating
317951	317952	317959	317953	327955	327956	317954

COLOCACIÓN DE AIREADORES DE CERRAMIENTO/ PLACEMENT OF CLOSURE TRICKLE VENTS

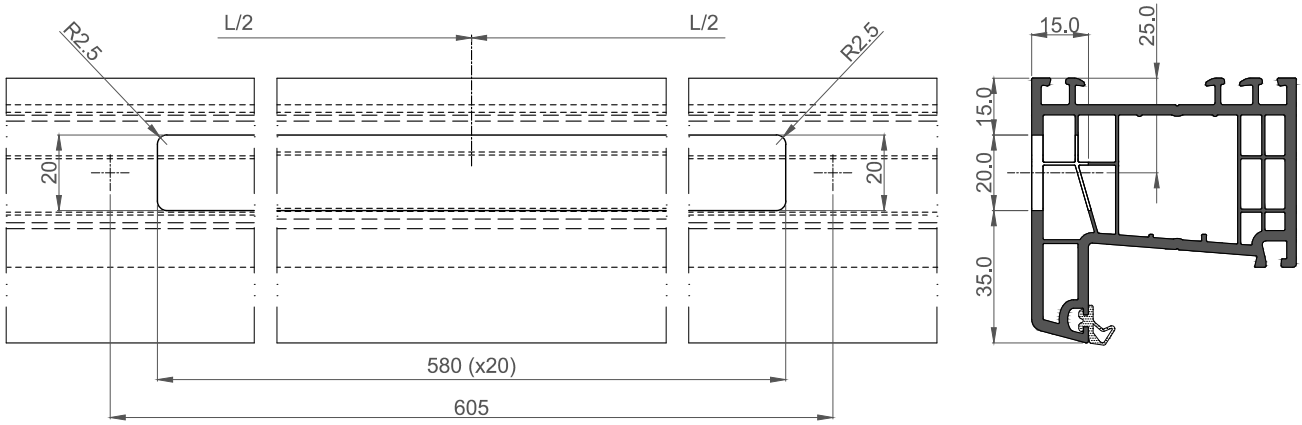
1:2



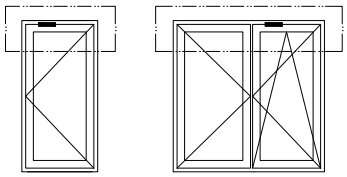
MECANIZADO PARA REJILLA INTERIOR/ MACHINED FOR INWARD GRILLE



MECANIZADO PARA REJILLA EXTERIOR/ MACHINED FOR OUTWARD GRILLE



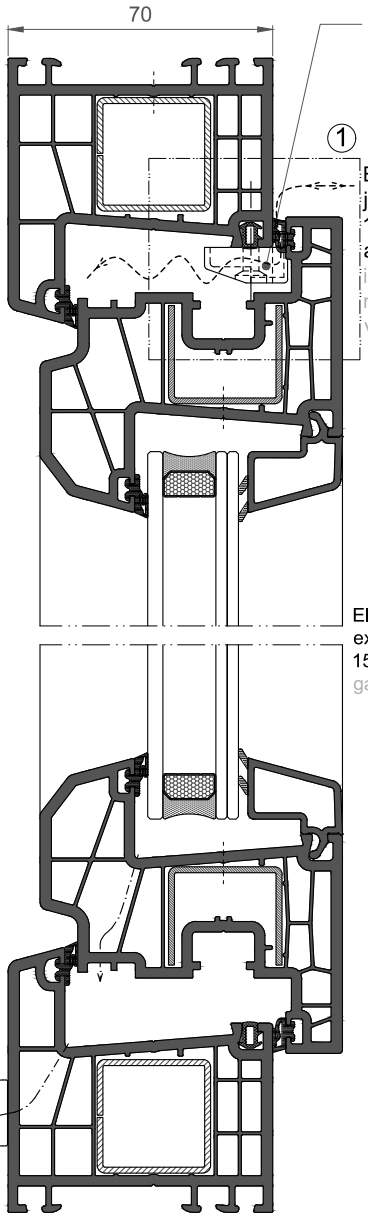
AIREADOR OCULTO DE VENTANA/ HIDDEN WINDOW TRICKLE VENTS



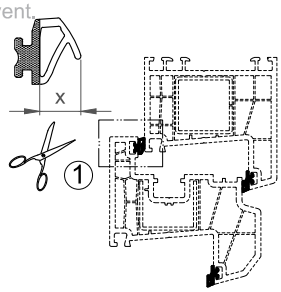
Lh ≥ 450 mm.



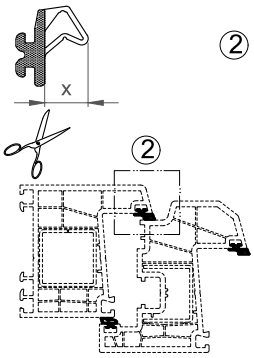
Aireador/ trickle vent 331370
(color Blanco/white) L = 125 mm
Fijación/ fixation 2x 341123



Eliminación del batiente de la junta interior en una longitud de 125 mm., coincidiendo con cada aireador/ Elimination of the internal gasket in a length of 125 mm, coinciding with each trickle vent.

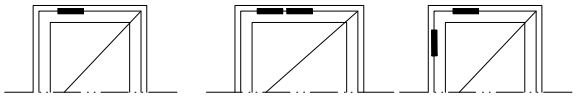


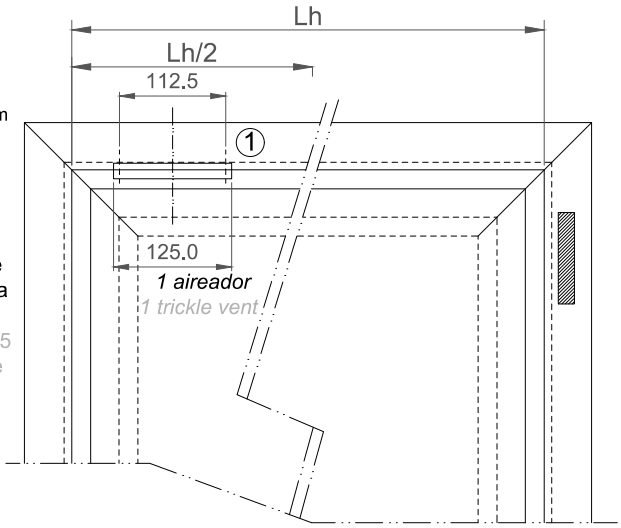
Eliminación del batiente de la junta exterior en una longitud de unos 150 mm/ Elimination of the outward gasket in a length of about 150 mm.



Situado hacia el lado opuesto de las bisagras.
Located on the opposite side of the hinges.

1 aireador/ trickle vent 2 aireadores/ trickle vent





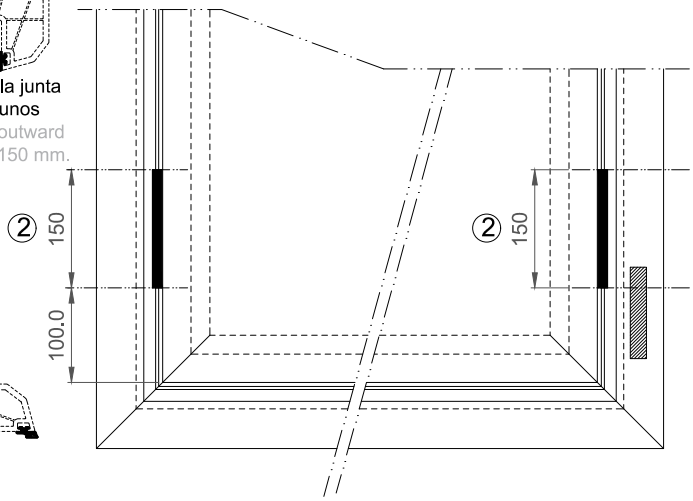
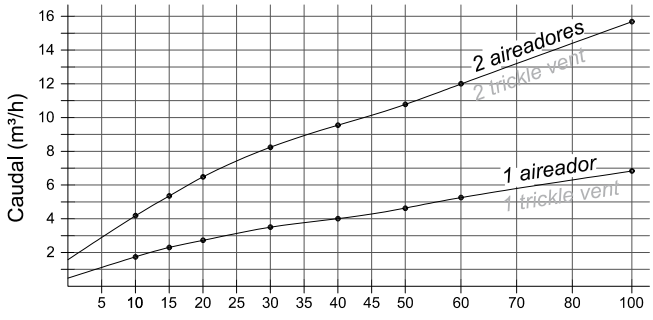


DIAGRAMA DE FLUJO DE AIRE (RENDIMIENTO AIREADOR)
AIR FLOW DIAGRAM (TRICKLE VENT PERFORMANCE)

Valores con la disposición con 1 ó 2 aireadores/ Values with 1 or 2 trickle vent.

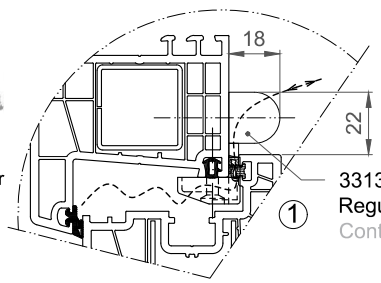


Presión diferencial/ Differential pressure (Pa)

Aislamiento acústico según/
Acoustic insulation according to ISO 140-10:1991-12
Reducción en/ reduction in 1÷2 dB.



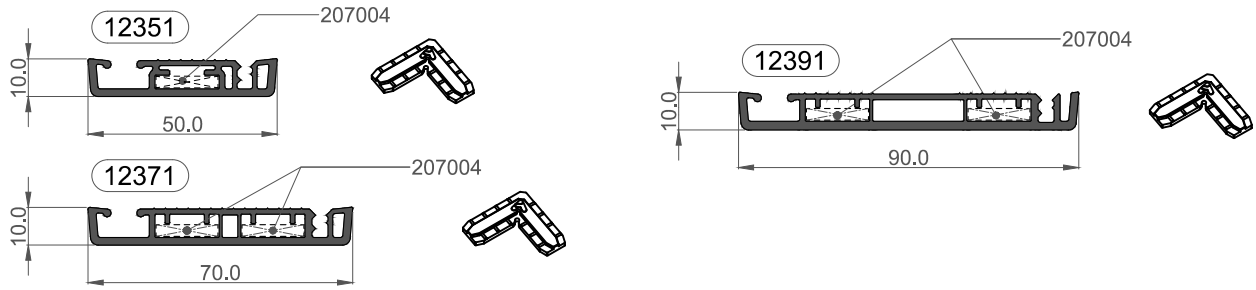
Ref. 331371
Regulador caudal aireador oculto - Blanco
Hidden trickle vent flow controller - White



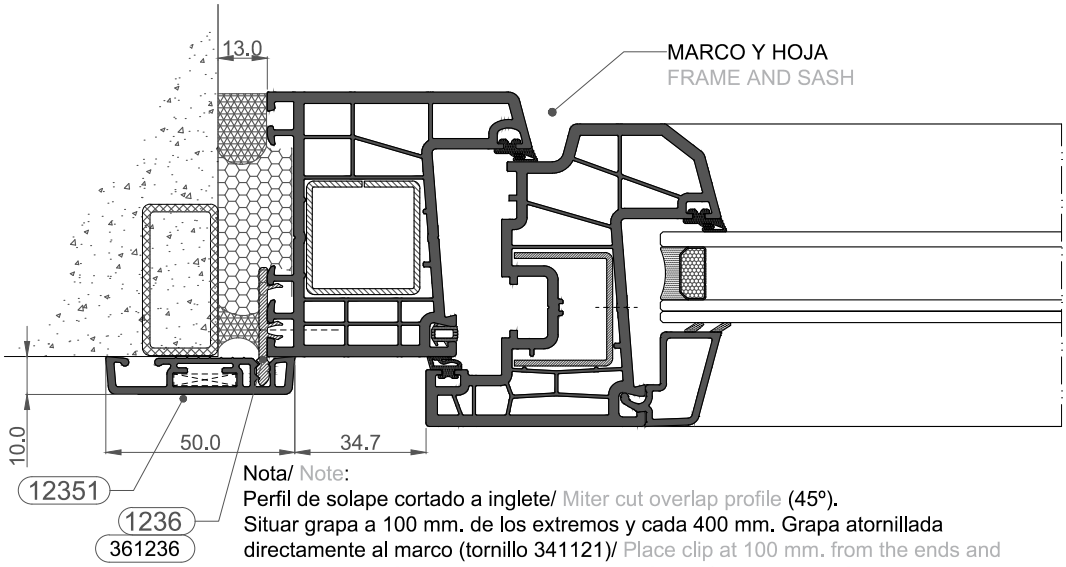
331371
Regulador
Controller

SOLAPES/ OVERLAPS

1:2



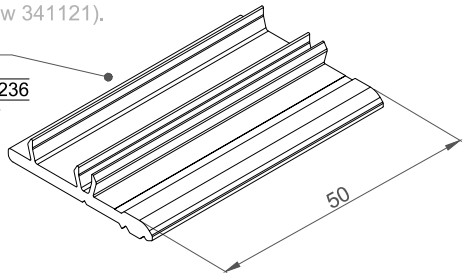
Colocación con grapas/ Placements with clips (ref.: 361236).



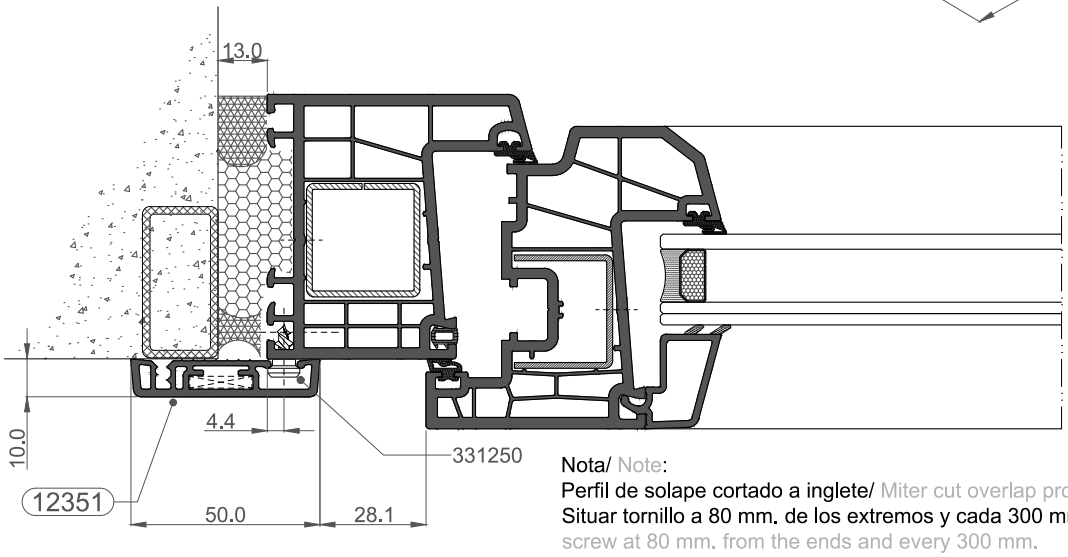
Nota/ Note:
Perfil de solape cortado a inglete/ Miter cut overlap profile (45º).
Situar grapa a 100 mm. de los extremos y cada 400 mm. Grapa atornillada directamente al marco (tornillo 341121)/ Place clip at 100 mm. from the ends and every 400 mm. Clip screwed directly to the frame (screw 341121).

1236

Perfil de Aluminio ó referencia 361236 (en accesorio)/ Aluminum profile or reference 361236 (in accessory)



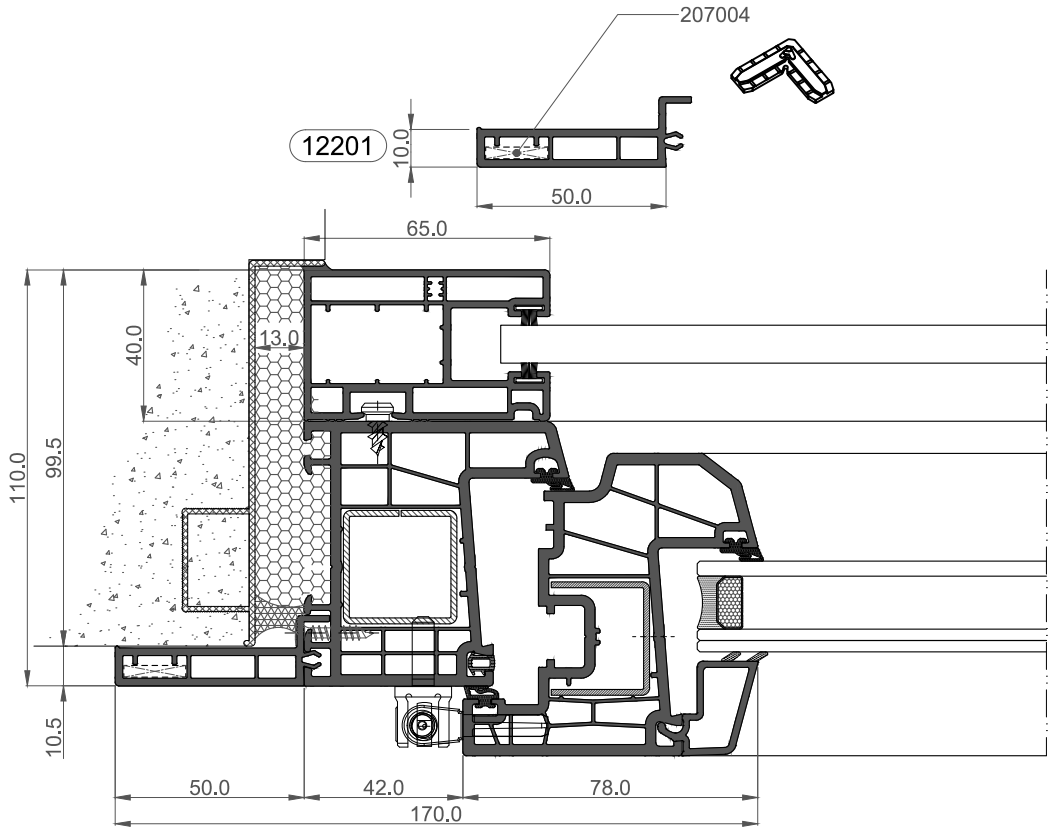
Colocación con tornillo/ Placements with screws (ref.: 331250).



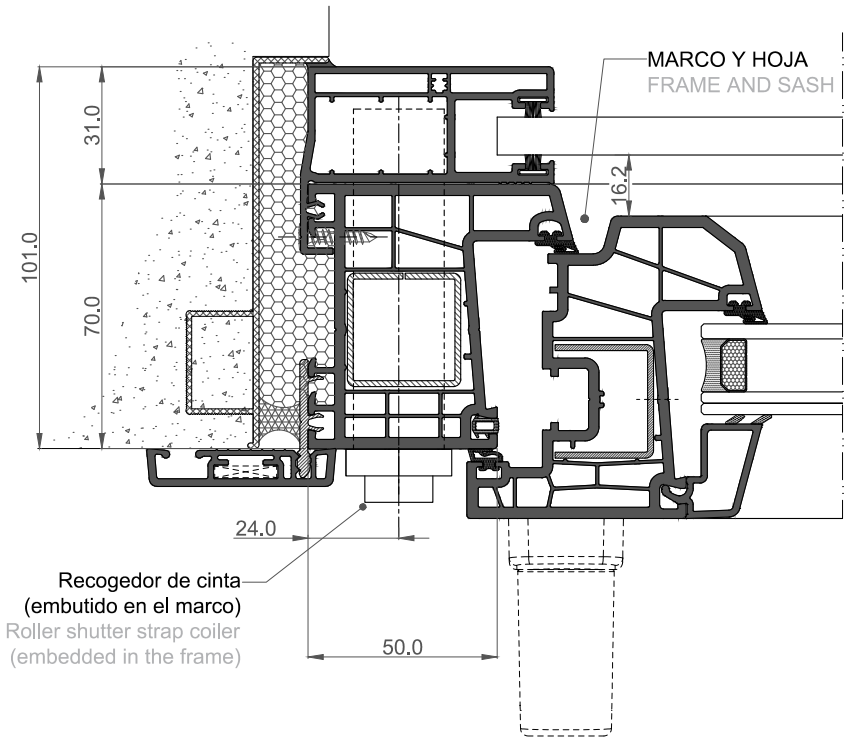
Nota/ Note:
Perfil de solape cortado a inglete/ Miter cut overlap profile (45º).
Situar tornillo a 80 mm. de los extremos y cada 300 mm/ Place screw at 80 mm. from the ends and every 300 mm.

SOLAPES/ OVERLAPS

1:2

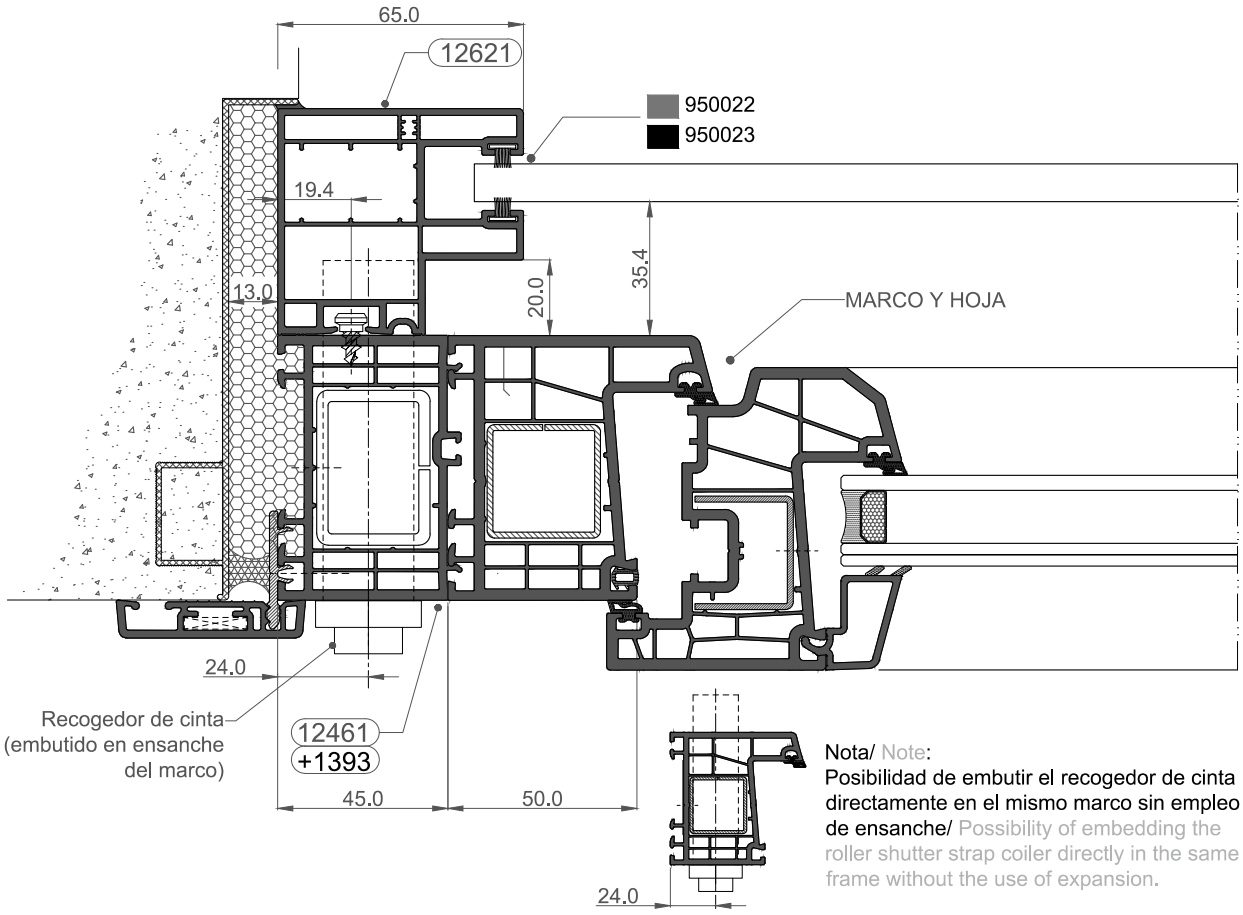


GUÍA DE PERSIANA/ SHUTTER GUIDE



GUÍA DE PERSIANA/ SHUTTER GUIDE

1:2

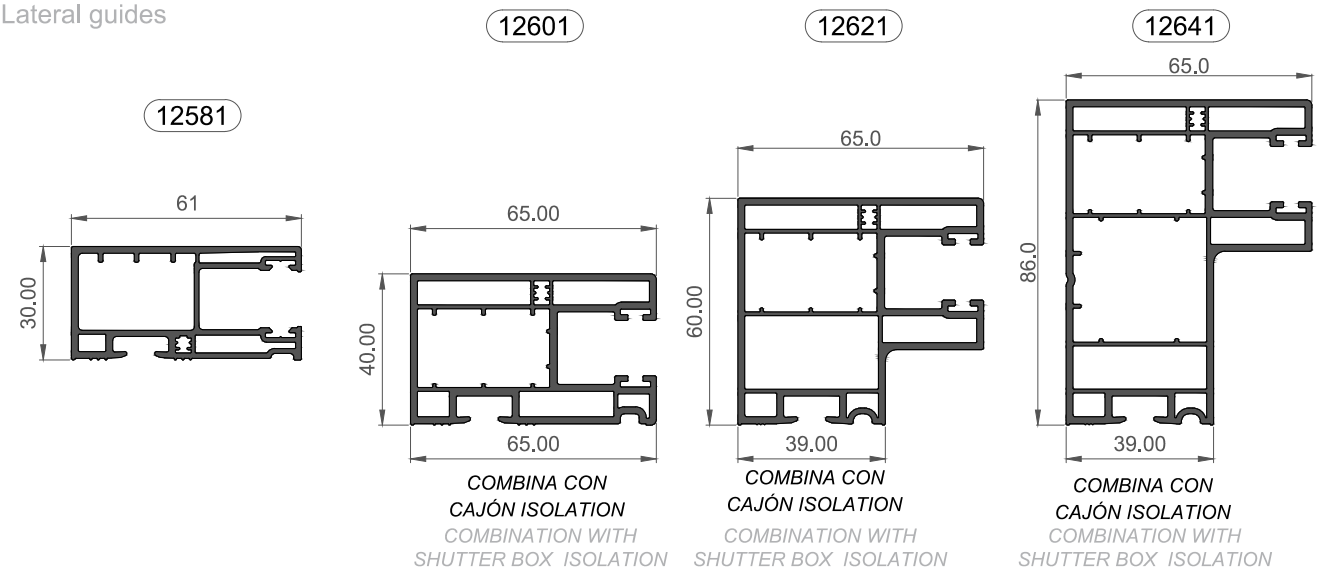


Nota/ Note:
Posibilidad de embutir el recogedor de cinta directamente en el mismo marco sin empleo de ensanche/ Possibility of embedding the roller shutter strap coiler directly in the same frame without the use of expansion.

GUÍA DE PERSIANA/ SHUTTER GUIDE

1:2

Guías laterales
Lateral guides



COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

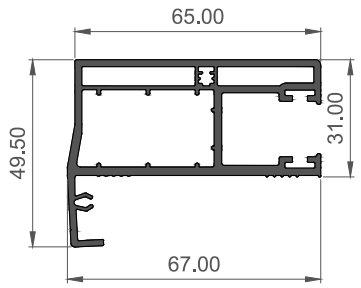
COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

GUÍA DE PERSIANA/ SHUTTER GUIDE

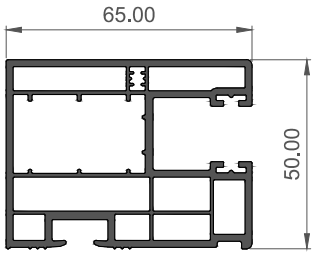
1:2

Guías laterales
Lateral guides

12591

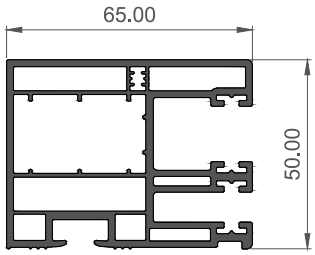


10831



COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

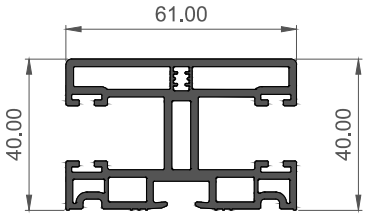
10841



COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

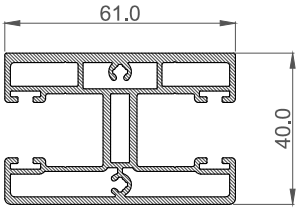
Guías dobles
Double guides

12611



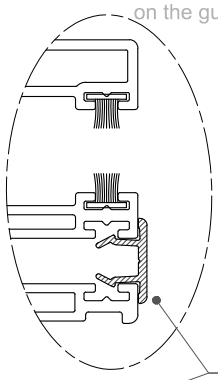
COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

COR-1463

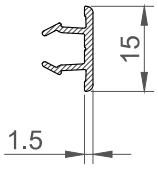


COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

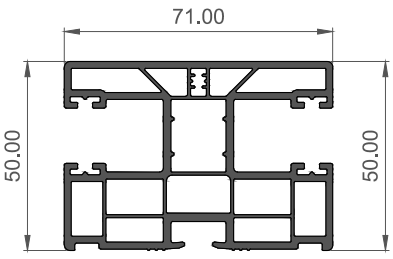
perfil 1165 con clipaje en el perfil de guía.
profile 1165 with clipping on the guide profile.



1165

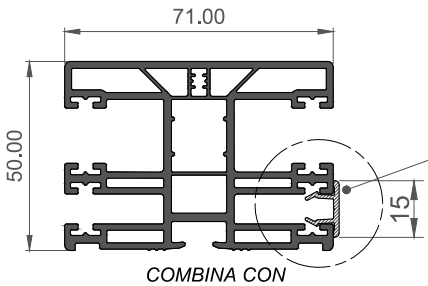


10851



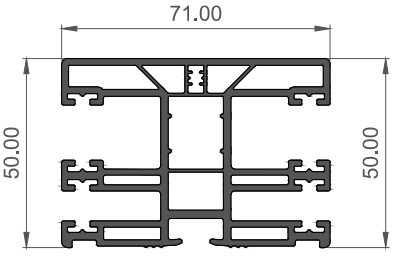
COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

10861



COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

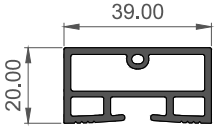
10861



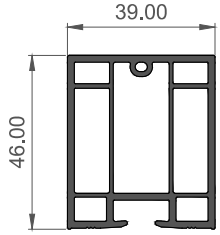
COMBINA CON CAJÓN ISOLATION
COMBINATION WITH SHUTTER BOX ISOLATION

Complementos guías
Guides complements

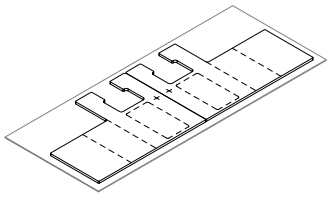
12661



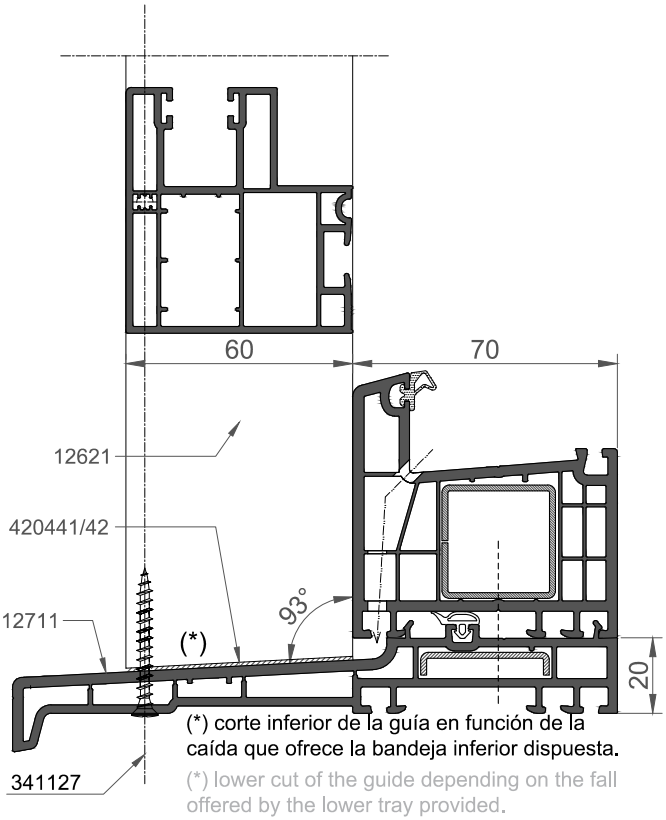
12671



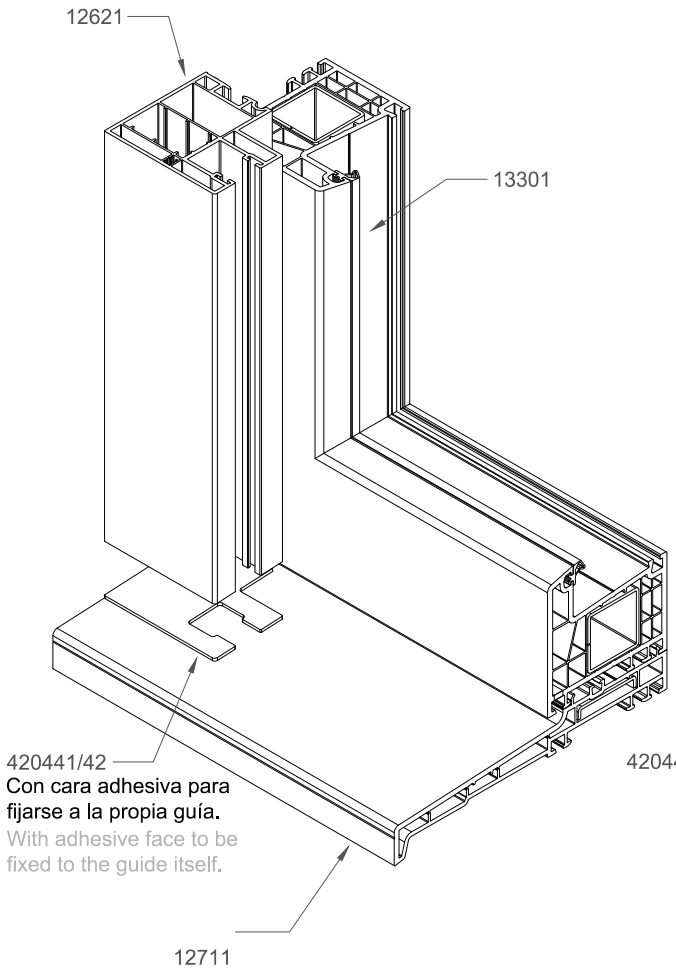
DISPOSICIÓN KIT DE ESTANQUEIDAD DE LA GUÍA DE PERSIANA/ ARRANGEMENT OF THE SEALING KIT OF THE SHUTTER GUIDE



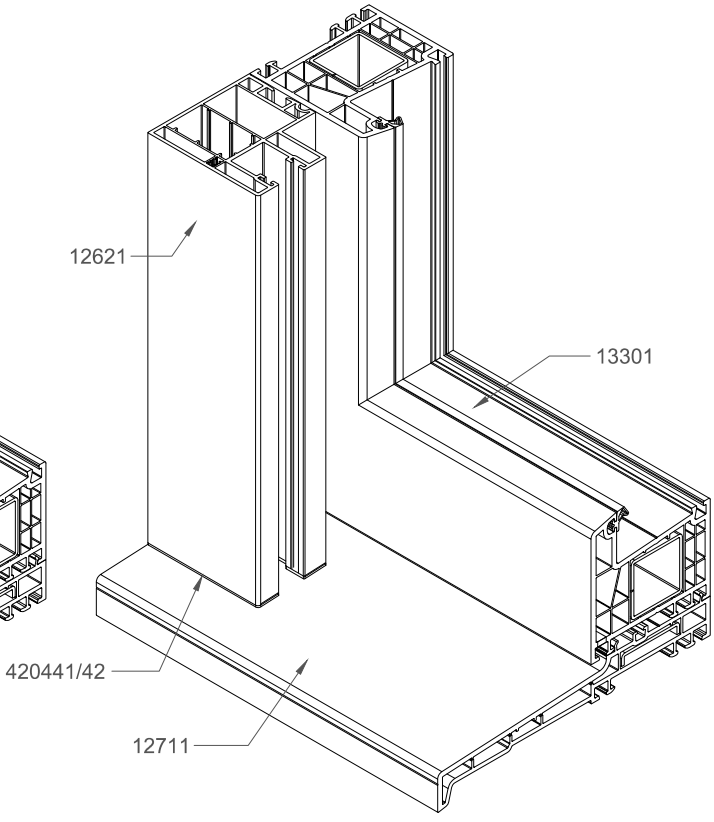
REF.	DESCRIPCIÓN	GUÍAS
420401	Kit estanq. unión comple. guía doble 20-46 BL	12661 12671
420402	Kit estanq. unión comple. guía doble 20-46 NG	
420411	Kit estanqueidad unión guía lateral 30 BL	12581
420412	Kit estanqueidad unión guía lateral 30 NG	
420421	Kit estanqueidad unión guía lateral 31 BL	12591
420422	Kit estanqueidad unión guía lateral 31 NG	
420431	Kit estanqueidad unión guía lateral 40 BL	12611 Cor1463
420432	Kit estanqueidad unión guía lateral 40 NG	
420441	Kit estanq. unión guía lateral 40-60-86 BL	12601 12621 12641
420442	Kit estanq. unión guía lateral 40-60-86 NG	
420451	Kit estanqueidad unión guía lateral 50-50M BL	10831 10841
420452	Kit estanqueidad unión guía lateral 50-50M NG	
420461	Kit estanqueidad unión guía doble 50-50M BL	10851 10861
420462	Kit estanqueidad unión guía doble 50-50M NG	



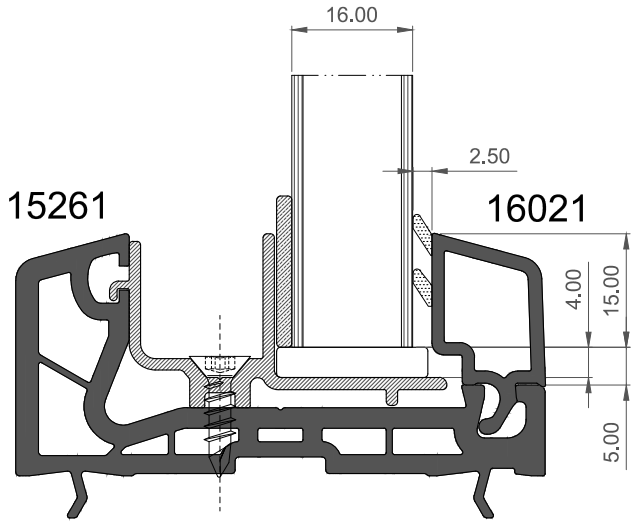
(*) corte inferior de la guía en función de la caída que ofrece la bandeja inferior dispuesta.
(*) lower cut of the guide depending on the fall offered by the lower tray provided.

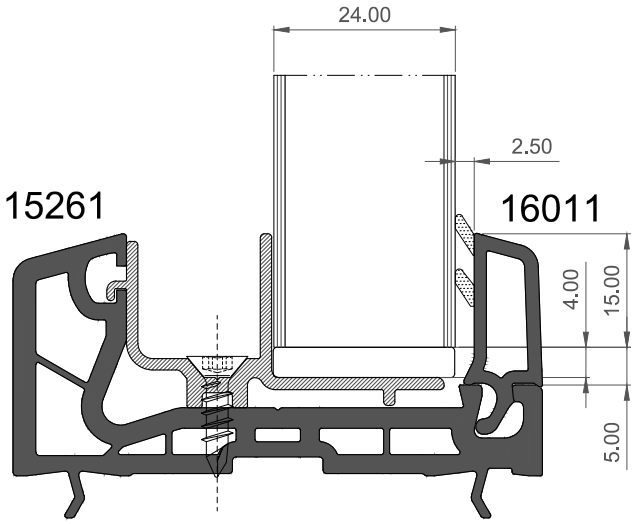


Con cara adhesiva para fijarse a la propia guía.
With adhesive face to be fixed to the guide itself.

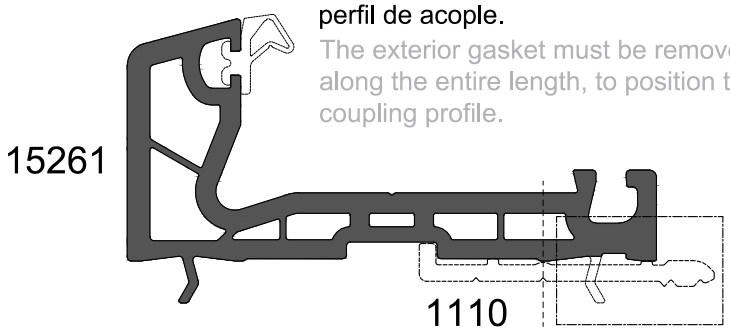


PANEL DE REGISTRO PARA CAJÓN DE OBRA/ REGISTER PANEL FOR SITE SHUTTER BOX





Debe eliminarse la junta exterior en toda la longitud, para posicionar el perfil de acople.
The exterior gasket must be removed along the entire length, to position the coupling profile.



Debe desprenderse la patilla interior del marco allí en donde sea necesario para posicionar la grapa de solape.
The inner tab of the frame must be detached where it is necessary to position the overlap clip.

EMPLEO ROTULADORES DE RETOQUE DE FOLIOS / USE FOLIO TOUCH-UP MARKERS

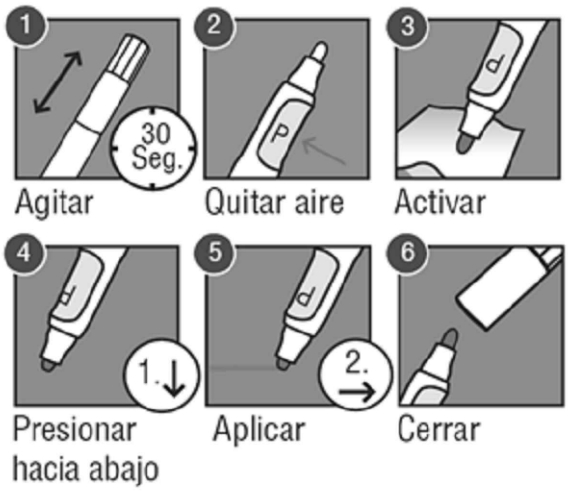
Rotuladores para retoque de folio / Foil retouching marker



Ref.	Tipo de folio
341248	Marrón mate / Matt brown
341249	Gris mate / Matt grey
341250	Negro mate / Matt black
341252	Marrón oscuro / Dark brown
341253	Pino veteado / Veined pine wood
341254	Roble / oak newcastle
341255	Verde musgo / Moss green
341256	Azul acero / Steel blue
341257	Azul brillante / Bright blue
341258	Gris claro / Light grey
341259	Gris ágata / Agate grey
341260	Marrón claro / Light brown
341278	Verde mate / Matt green
341279	Oro / Gold
341281	Roble dorado / Golden oak
341282	Nogal / Walnut
341283	Gris antracita / Anthracite grey Gris liso / Plain grey
341284	Gris plata / Silver
341285	Sapelli / Sapelly
341286	Verde pino / Pine green
341287	Rojo vino / Wine red
341288	Caoba / Mahogany
341289	Plata aluminio / Aluminium silver
341290	Blanco White
341291	Blanco crema / Cream white
341292	Bronce / Bronze
341293	Antracita metalizado / Metallic anthracite
341294	Ocre metalizado / Metallic ochre
341295	Roble claro / Light oak
341296	Roble rústico / Rustic oak
341297	Roble oscuro / Dark oak
341298	Walnuss - Nogal / Walnut
341299	Abeto / Fir
351247	Sheffield claro / Light
351248	Sheffield oscuro / Dark
351249	Roble malta woodec / Malt woodec oak
421260	Kitami oscuro / Dark kitami
421261	Roble toffee woodec / Toffee woodec oak
421262	Blanco ultra mate / Ultra matt white
421263	Cuarzo ultra mate / Ultra matt quartz
421264	Marrón ultra mate / Ultra matt brown
421265	Gris antracita ultra mate / Ultra matt anthracite grey
421266	Negro ultra mate / Ultra matt black

341280
Punta de recambio rotulador retoque Retouching marker spare tip

Caducidad del rotulador 2 años después de su primer uso.
Almacenar en un lugar seco.
Expiry of the marker 2 years after its first use.
Store in a dry place.



Instrucciones de uso:
Cuando la punta del rotulador se presiona adecuadamente, la laca fluye constante sobre la punta. Apretando “P” cuando se presiona la punta hacia abajo puede provocar un flujo incontrolado de la laca.
Si el rotulador no ha de ser utilizado durante un periodo de tiempo largo, retire
la punta (con su adaptador), purgue el rotulador y vuelva a colocar la punta.

Instructions for use:
When the pen tip is pressed properly, the lacquer flows steadily over the tip. Pressing “P” when the tip is pressed down can cause uncontrolled flow of lacquer.
If the pen is not to be used for a long period of time, remove
tip (with its adapter), purge the pen and replace the tip.



A 70 ABISAGRADA
A 70 HINGED

9. MECANIZADOS
9. MACHINING

IMPORTANTE

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TROQUEL MANUAL SERIES PVC/ MANUAL PUNCH TOOL PVC SYSTEMS



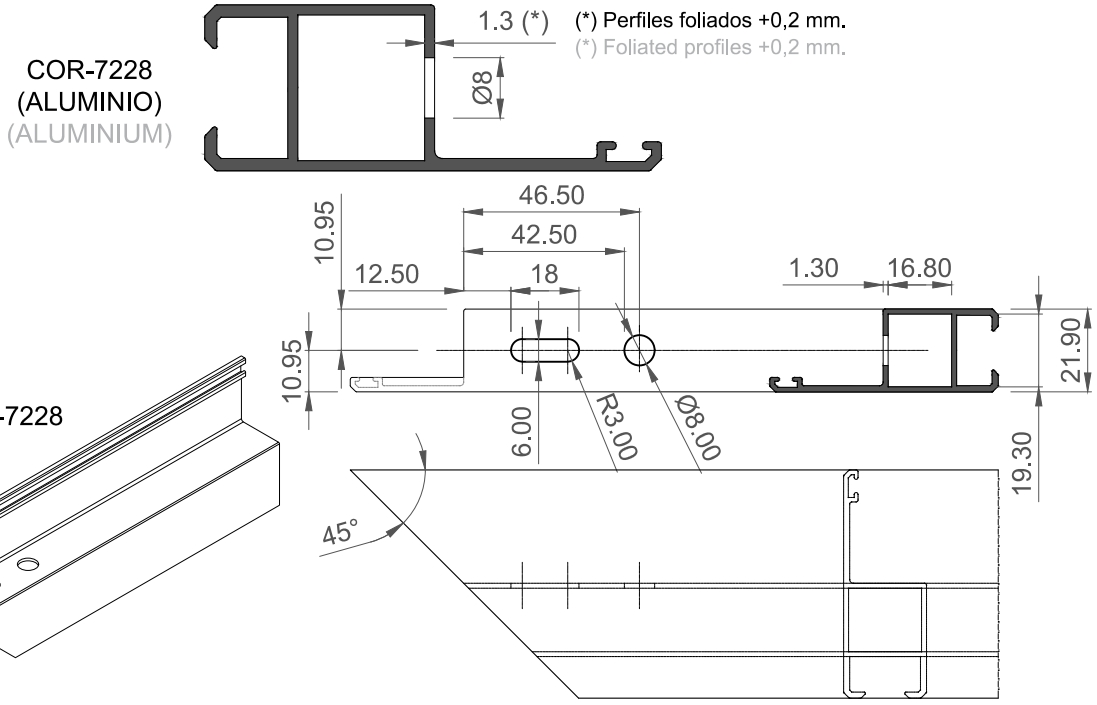
MECANIZADOS SERIES PVC
MECHANIZED PVC SYSTEMS
TROQUEL/ PUNCH TOOL
Ref.: 351299

OPERACIONES TROQUEL/ PUNCH TOOL OPERATIONS:

1. Mecanizado de escuadras en Hoja de contra (Cor-7228)
1. Machining of cleats on shutter sash (Cor-7228)

MECANIZADO ESCUADRA HOJA DE CONTRA/ MACHINING CLEAT SHUTTER SASH

COR-7228
(ALUMINIO)
(ALUMINIUM)



(*) Perfiles foliados +0,2 mm.
(*) Foliated profiles +0,2 mm.

COR-7228

Mecanizado en ambos extremos, corte a inglete (45º)
Machined on both ends, miter cut (45º)

Normas de uso y seguridad:

- Las prensas en donde se acoplen los troqueles deberán cumplir con la normativa CE, vigente relativo a la seguridad en máquinas herramientas.

- La colocación y sujeción de la matriz será de forma rígida y segura, siendo aconsejable su fijación con bridas a la bancada de trabajo. Se dispondrá de espacio suficiente para el manejo de los perfiles a mecanizar y una iluminación adecuada.

- Durante la utilización del troquel, es obligatorio el empleo de guantes protectores. Se sujetarán los perfiles a mecanizar con las manos siempre alejadas de la zona de trabajo del troquel.

- En las labores de colocación, mantenimiento y/o limpieza del troquel, es obligatoria la desconexión de la fuente de energía que pueda producir un accionamiento imprevisto del mismo.

- La presión de aire comprimido mínima para trabajar con el troquel será de 6 kg/cm².

- CORTIZO no se hace responsable de los accidentes derivados de un uso indebido de la máquina.

Normas de mantenimiento:

- El troquel se deberá lubricar convenientemente antes de trabajar con él mediante el uso de un spray de aceite para herramienta de corte ligero, en vías de un buen funcionamiento del mismo y de una buena colocación de los perfiles a mecanizar.

- Deberán eliminarse previamente del troquel cualquier retal o viruta de aluminio y/o plásticos producto de trabajos anteriores.

- Comprobar el estado de afilado de los distintos elementos cortantes.

- Mantener alejado el troquel de ambientes húmedos o agresivos, que puedan deteriorar los componentes de la misma. En períodos largos de inactividad se recomienda pulverizar el troquel con algún aceite o producto antioxidante.

Norms of use and security:

- The presses where the punch tool are attached must comply with the current CE regulations regarding safety in machine tools.

- The placement and fastening of the punch tool will be rigid and safe, being advisable to fix it with flanges to the workbench. Sufficient space will be available for handling the profiles to be machined and adequate lighting.

- During the use of the punch tool, the use of protective gloves is mandatory. The profiles to be machined will be held with hands always away from the work area of the punch tool.

- In the tasks of placement, maintenance and/or cleaning of the punch tool, it is mandatory to disconnect the power source that may produce an unforeseen activation of the same.

- The minimum compressed air pressure to work with the punch tool will be 6 kg/cm².

- CORTIZO is not responsible for accidents resulting from improper use of the machine.

Maintenance standards:

- The punch tool must be lubricated before use by using an oil spray for light cutting tools, in order for it to function properly and for the profiles to be machined to be properly positioned.

- Any remnants or shavings of aluminum and/or plastics resulting from previous work must be previously removed from the punch tool.

- Check the state of sharpening of the different cutting elements.

- Keep the die away from humid or aggressive environments, which can deteriorate its components. In long periods of inactivity it is recommended to spray the punch tool with some oil or antioxidant product.

10. PUESTA EN OBRA
10. SITE INSTALLATION

IMPORTANTE

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GENERALIDADES

La puesta en obra de la ventana es la fijación de la misma a la obra en el hueco provisto para ello, de forma que se garantice un funcionamiento correcto, seguro y perdurable de la ventana. En particular, el montaje en obra de las ventanas de PVC no difiere especialmente respecto al resto de ventanas tradicionales de aluminio o madera. Los esfuerzos procedentes de movimientos en la construcción no deben transmitirse a la ventana. Es necesario, por tanto, proyectar las juntas teniendo en cuenta las flechas de los dinteles y las dimensiones de la ventana.

TOLERANCIAS DE MONTAJE

Cuando la colocación se realice en un plano verticalmente paralelo a la fachada, las tolerancias serán:

- Planimetría del marco o premarco:
  - Para perfiles de más de 2 m., la flecha será inferior a 3 mm.
  - Para perfiles de 2 m. o menores, la flecha será inferior a 2 mm.
- Descuadre. La diferencia de longitud entre las dos diagonales no será mayor de:
  - 5mm para perfiles mayores de 2 m.
  - 3mm para perfiles de 2 metros o menores.

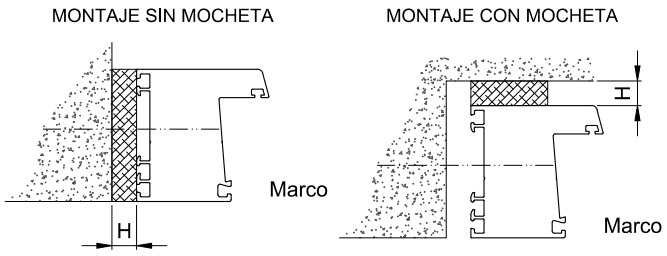
Para mantener estas tolerancias, durante el montaje se deberán emplear cartabones, tensores o conformadores adecuados que impidan que se produzcan deformaciones y que permitan que la ventana siga manteniendo sus características específicas.
Si no se indica lo contrario, los marcos sin hojas deben colocarse aplomados y nivelados, acuñándolos en diagonal.

LOS MATERIALES PARA LA COLOCACIÓN

En la puesta en obra de la ventana de PVC la elección de los materiales es un momento de suma importancia para un correcto resultado de las operaciones de instalación. El uso de productos no adecuados puede mermar la correcta instalación y manifestarse en anomalías funcionales en la ventana.
Los materiales más comunes empleados para una correcta puesta en obra son el sellador de silicona (silicona neutra de polimerización), el sellador acrílico a dispersión, la espuma de poliuretano, los fondos de junta y los tornillos para la fijación del marco.

LAS JUNTAS DE DILATACIÓN

Como consecuencia de los cambios de temperatura, los perfiles de marco sufrirán variaciones dimensionales que deben ser tenidas en cuenta, para ello se deben prever las juntas de dilatación correctas entre el hueco y la ventana que permitan absorber dichas dilataciones y posibiliten un perfecto sellado.
En las siguientes tablas se indican las anchuras mínimas de las juntas de dilatación que dependen del color de los perfiles, de las superficies, del perfil y del largo del elemento:

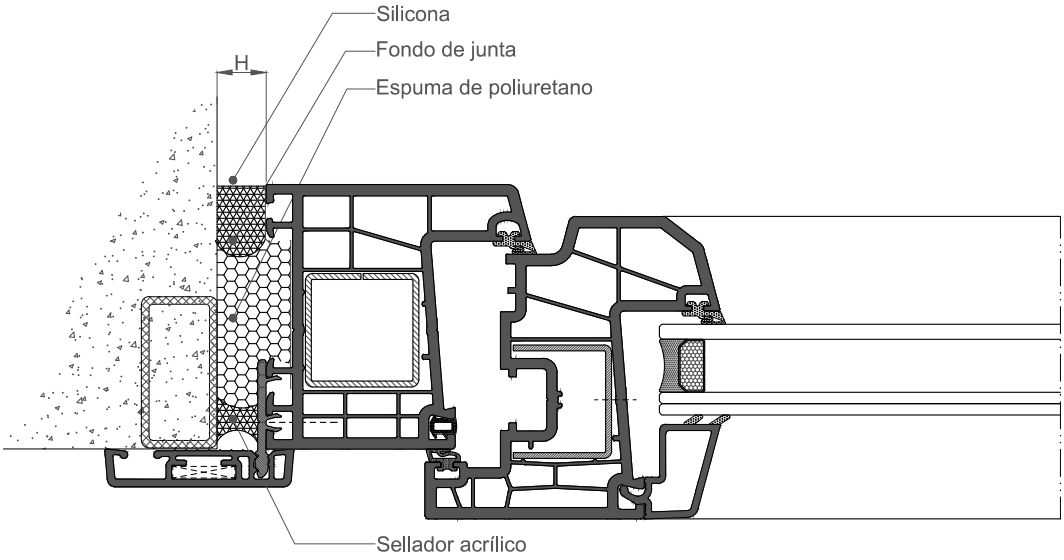


COLOR DEL PERFIL	Junta H mínima, en mm.						
	Longitud, hasta				Longitud, hasta		
	1,5 m.	2,5 m.	3,5 m.	4,5 m.	2,5 m.	3,5 m.	4,5 m.
BLANCO	5	8	10	13	5	5	8
COLOR/FOLIADO	8	10	13	15	5	8	10

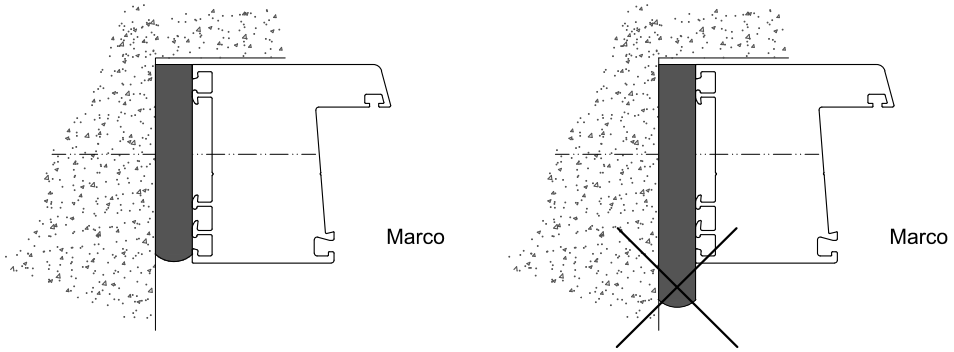
Nota:
Se refiere a holguras perimetrales.

Para garantizar la resistencia al agua, al viento y al ruido, la junta debe ejecutarse con materiales idóneos de manera que se asegure la integridad de los mismos en el tiempo. Como ejemplo, la junta de dilatación está constituida por los materiales siguientes (ver gráfico):

- Cordón de silicona exterior neutra con una alta resistencia a los agentes atmosféricos, buena elasticidad y buena adhesión a las paredes de la junta.
- Espuma de poliuretano de funciones de relleno y de aislante termo-acústico.
- Fondo junta que insertado en la holgura ejerza en las paredes una cierta presión que resista la espuma expandida y limite la profundidad de la inserción de la espuma posibilitando que el sellador se dilate y contraiga con libertad.
- Cordón de sellador acrílico interior.



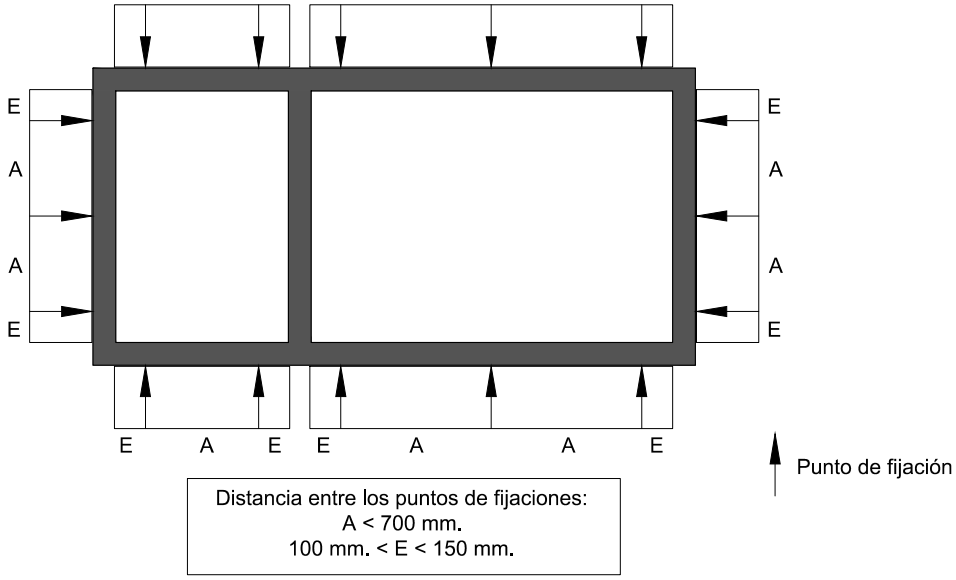
Para obtener un óptimo funcionamiento termo-acústico de la ventana instalada, la velocidad de aplicación del poliuretano tiene que ser tal que se obtenga un cordón no superior a 20 mm. Durante el secado del mismo aumentará de volumen, pero dicho incremento no es constante a lo largo del cordón y no es necesario que la espuma alcance el borde del marco, ya que, es más correcto técnicamente que quede en el interior que tener que recortar el exceso (ver gráfico izquierda).



LA FIJACIÓN DE LA VENTANA

Las cargas que actúan sobre la ventana de PVC durante la utilización normal de la misma tienen que transmitirse al cuerpo del edificio de una manera eficaz y segura, garantizando la funcionalidad y protegiendo la seguridad de los usuarios. Por ello, la tipología de fijación que se decida utilizar para atornillar el marco a la construcción debe ser evaluada sobre la base de algunos factores críticos como pueden ser:

- Dimensiones, tipología y peso de la ventana.
- Geometría del marco.
- Geometría y composición de la pared.
- Situación de la construcción (edificio de nueva construcción o rehabilitación).



Independientemente del sistema elegido, deben respetarse las siguientes indicaciones generales:
I. La distancia entre cada uno de los puntos de fijación no debe superar los 700 mm.
II. La distancia entre el punto de fijación y el ángulo interior de la ventana (o la junta del travesaño o poste) debe estar comprendida entre 100 mm. y 150 mm.

Siguiendo los dos requisitos anteriores, hay que hacer tantas fijaciones como requieran las dimensiones de la ventana (ver gráfico).

MEDICIÓN DEL HUECO

Tanto en el sentido del ancho como en el sentido del alto se deben realizar cuatro mediciones del hueco.

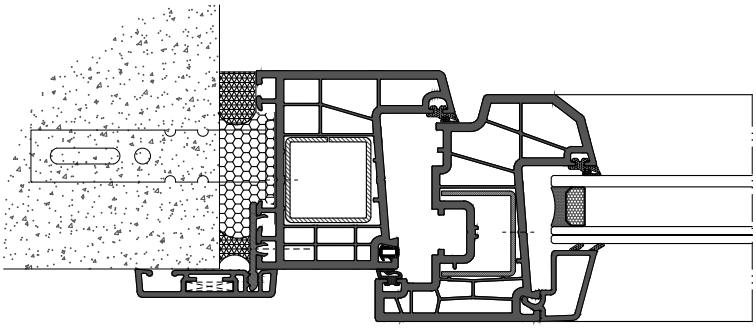
- En los dos extremos y en el centro
- En las dos diagonales

Si, como ocurre con frecuencia, las mediciones no dan igual en todos los puntos del hueco, se debe tomar la medida menor.
A la recepción de la Orden de fabricación, CORTIZO enviará al cliente una solicitud de conformidad con todos los datos del pedido que este deberá firmar responsabilizándose de que el pedido coincide con las ventanas que necesita.
Para evitar posibles problemas o malentendidos, la orden de pedido ha de realizarse SIEMPRE POR ESCRITO Y FIRMADA, no admitiéndose nunca de manera verbal.

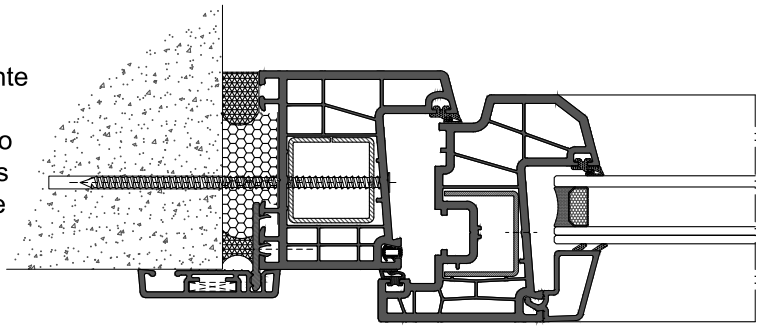
PUESTA EN OBRA - FIJACIÓN DEL MARCO

Tras el aplomado, nivelado y acuñado se procede a la fijación que puede ser de varios tipos, pero el sistema de fijación del marco en la pared elegido debe garantizar un óptimo anclaje en todo tipo de pared (ladrillo, hormigón, madera, premarco, etc.).

1.- Mediante garras
Se emplean en vanos de obra viva que no han sido rematados totalmente. Se utilizan pletinas conformadas con el fin de facilitar su adherencia a la fábrica. Estas garras quedan unidas al perfil de marco mediante sistema de clipado.

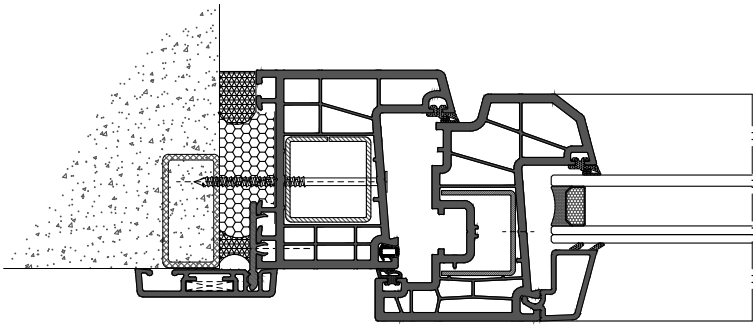


2.- Mediante tornillos o tacos
Se fija el marco directamente a la fábrica bien mediante tornillo con taco expansor o mediante tornillos de rosca entera. Para ello, es conveniente que el perfil de marco se haya pretaladrado en fábrica para facilitar el montaje, pues el taladrado en obra de los refuerzos metálicos de los perfiles de PVC es lento por no disponerse normalmente de las herramientas adecuadas.

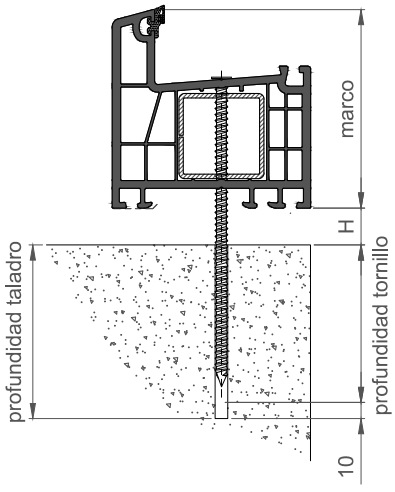


Es importante que los puntos en los que entren tornillos estén bien calzados. Se coloca el calzo con la presión necesaria para que impida el movimiento del bastidor y sin que se produzcan flexiones o alabeos que puedan perjudicar al correcto funcionamiento de la ventana.

El uso de tornillos de rosca entera no necesita ningún taco en la ranura entre el marco y la pared durante la fijación.



En la tabla se indica la profundidad mínima de atornillado para los tornillos de rosca entera en paredes de distinta tipología:



PROFUNDIDAD DEL TORNILLO

Material	mm. 20	30	40	50	60
LADRILLO HUECO (2 paredes)					
MADERA U HORMIGÓN LIGERO					
PIEDRA					
LADRILLO MACIZO					
PARED MACIZA					
HORMIGÓN					

3.- Mediante premarco metálico o de madera
Se nivela, aploma y se fija el premarco mediante garras de anclaje a la obra. La fijación del marco al premarco se realiza mediante tornillos cuidando, como en el caso anterior, de que los puntos donde éstos penetren estén bien calzados.
Este sistema es especialmente recomendable por los siguientes motivos:

- Evita errores en la ejecución de los vanos y facilita su medición, nivelado, aplomado y remate, reduciendo así los costes del montaje.
- Se evitan posibles desperfectos de la ventana al realizarse su instalación como remate de la obra.
- Los procesos de instalación no suelen precisar el pretaladrado del marco.
- Los trabajos de albañilería y carpintero quedan independizados, agilizando la ejecución de la obra.
- El premarco facilita la rotura de puente térmico entre la cara exterior e interior de la fábrica.

CONTROLES FINALES DE FUNCIONAMIENTO DE LA VENTANA INSTALADA

Cuando se finaliza la instalación de la ventana, es necesario efectuar algunas operaciones de control final, para comprobar el funcionamiento de la misma. Las comprobaciones a realizar son las siguientes:

- Comprobar el funcionamiento de los mecanismos de cierre de las hojas (cierre correcto de la manilla, las hojas no deben abrirse ni cerrarse por sí mismas por culpa de una incorrecta instalación.)
- Controlar que la medida del solapado de la hoja sobre el marco en todo el perímetro de apertura de la ventana es correcta, y las oportunas correcciones, regulando el herraje o el empuje de los calzos de acristalamiento.
- Controlar el funcionamiento de los accesorios (persianas enrollables, mallorquinas,..)
- Comprobar que los taladros de desagüe en los perfiles de marco o en los travesaños o perfiles divisores estén libres de virutas.

GENERALITIES

The site installation of the window is the fixing of the same to the work in the hole provided for it, in such a way as to guarantee a correct, safe and lasting operation of the window. In particular, the on-site assembly of PVC windows is not particularly different from the rest of traditional aluminum or wood windows. Stresses from movements in the construction must not be transmitted to the window. It is therefore necessary to project the gaskets taking into account the arrows of the lintels and the dimensions of the window.

ASSEMBLING TOLERANCES

When the installation is carried out in a plane vertically parallel to the façaade, the tolerances will be:

- Planimetry of the frame or pre-frame:
  - For profies of more than 2 m., the deflection will be less than 3 mm.
  - For 2 m. profiles or less, the deflection will be less than 2mm.
- Misaligment. The difference between the two diagonals will not be greater than:
  - 5mm for profiles greater then 2 m.
  - 3mm for profiles of 2 meters or less.

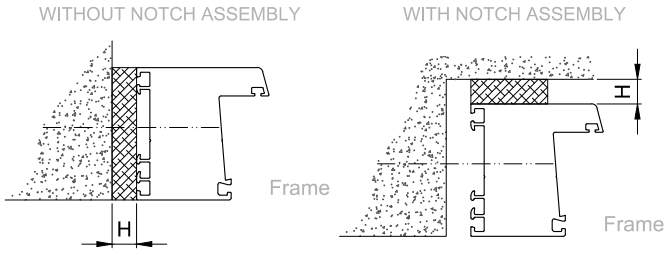
To maintain these tolerances, suitable brackets, tensioners or formers must be used during assembly to prevent deformations from occurring and allow the window to continue maintaining its specific characteristics. Unless otherwise indicated, the frames without sheets must be placed plumb and level, wedged diagonally.

THE MATERIALS FOR THE PLACEMENT

In the site installation of the PVC window, the choice of materials is a very important moment for a correct result of the installation operations. The use of unsuitable products can reduce the correct installation and manifest itself in functional anomalies in the window.
The most common materials used for proper installation are silicone sealant (neutral polymerization silicone), dispersion acrylic sealant, polyurethane foam, grouts and screws for fixing the frame.

THE DILATATION GASKETS

As a result of temperature changes, the frame profiles will suffer dimensional variations that must be taken into account, for this the correct expansion joints must be foreseen between the opening and the window that allow these expansions to be absorbed and allow a perfect seal.
The following tables indicate the minimum widths of the expansion joints that depend on the colour of the profiles, the surfaces, the profile and the length of the element:

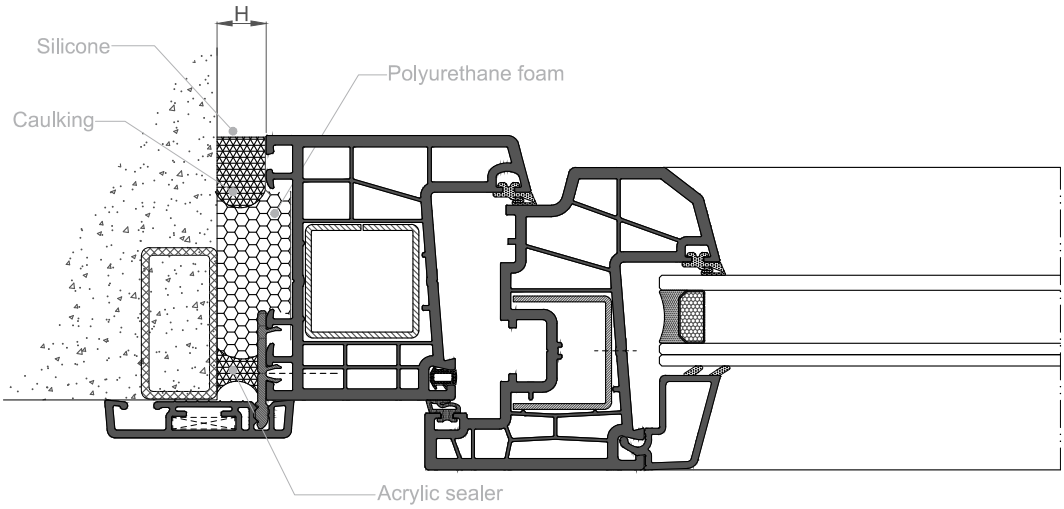


PROFILE COLOUR	Gasket minimum H, in mm.						
	Length, until				Length, until		
	1,5 m.	2,5 m.	3,5 m.	4,5 m.	2,5 m.	3,5 m.	4,5 m.
WHITE	5	8	10	13	5	5	8
COLOUR/FOLIATED	8	10	13	15	5	8	10

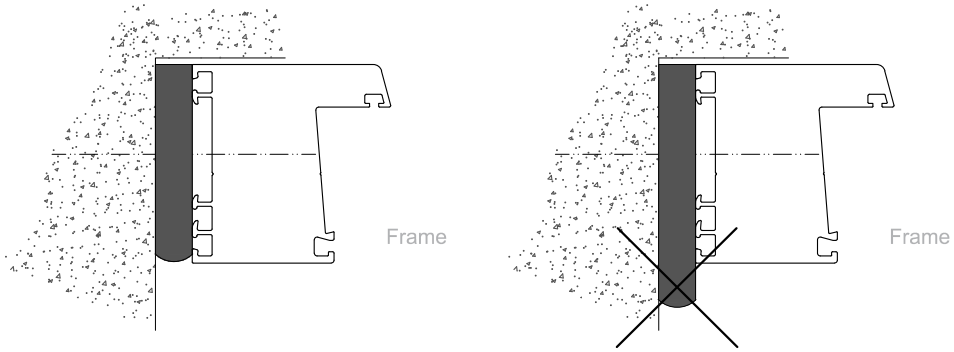
Note:
Refers to perimeter gaps.

To guarantee resistance to water, wind and noise, the joint must be made with suitable materials in order to ensure their integrity over time. As an example, the expansion joint is made up of the following materials (see graph):

- Neutral outer silicone cord with high resistance to atmospheric agents, good elasticity and good adhesion to the walls of the joint.
- Polyurethane foam with filling and thermo-acoustic insulation functions.
- Gasket bottom that, inserted in the gap, exerts a certain pressure on the walls that resists the expanded foam and limits the depth of the foam insertion, allowing the sealant to expand and contract freely.
- Interior acrylic sealant bead.



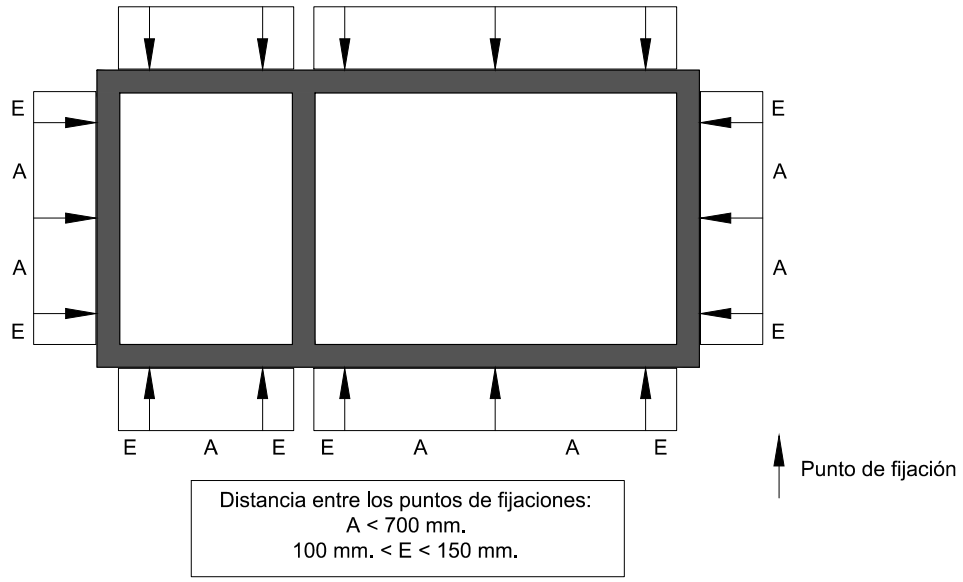
To obtain optimal thermo-acoustic performance of the installed window, the speed of application of the polyurethane must be such that a bead of no more than 20 mm is obtained. While it dries it will increase in volume, but this increase is not constant along the cord and it is not necessary for the foam to reach the edge of the frame, since it is technically more correct for it to remain inside than to have to cut the excess (see left graph).



FIXING THE WINDOW

The loads that act on the PVC window during its normal use must be transmitted to the body of the building in an efficient and safe way, guaranteeing functionality and protecting the safety of users. Therefore, the type of fixing that is decided to be used to screw the frame to the construction must be evaluated based on some critical factors such as:

- Dimensions, type and weight of the window.
- Frame geometry
- Geometry and composition of the wall
- Situation of the construction (new building or rehabilitation).



Regardless of the chosen system, the following general indications must be respected:
I. The distance between each of the fixing points must not exceed 700 mm.
II. The distance between the fixing point and the inner corner of the window (or the joint of the crossbar or post) must be within 100 mm. and 150mm.

Following the two previous requirements, it is necessary to make as many fixings as the dimensions of the window require (see graph).

DIMENSIONS OF THE WINDOW HOLE

Both in the width and in the height direction, four measurements of the hole must be made.

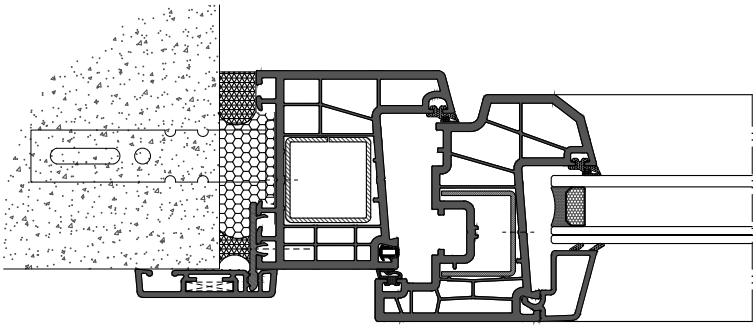
- At the two end and in the center
- In the two diagonals

If, as is often the case, the measurements are not the same at all points in the hole, the smallest measurement should be taken.
Upon receipt of the Manufacturing Order, CORTIZO will send the customer a request in accordance with all the data of the order, which the customer must sign, taking responsibility for ensuring that the order matches the windows needed.
To avoid possible problems or misunderstandings, the order form must ALWAYS be made IN WRITING AND SIGNED, never being admitted verbally.

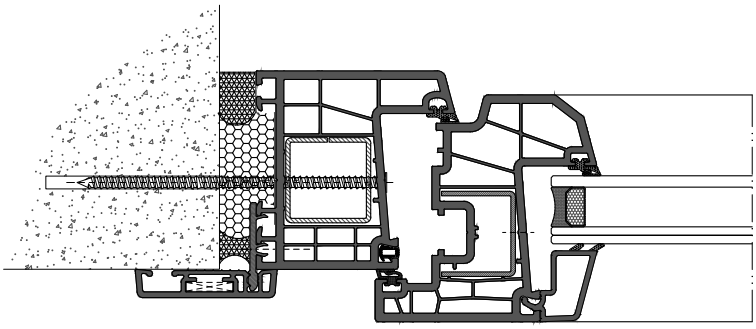
SITE INSTALLATION - FIXING THE FRAME

After plumbing, leveling and wedged, fixing is carried out, which can be of various types, but the system for fixing the frame to the wall chosen must guarantee optimal anchoring in all types of walls (brick, concrete, wood, pre-frame, etc. .)

1.- By fixing lugs
They are used in spans of live work that have not been completely finished. plates are used shaped in order to facilitate its adherence to the factory. These claws are attached to the profileframe by clip system.

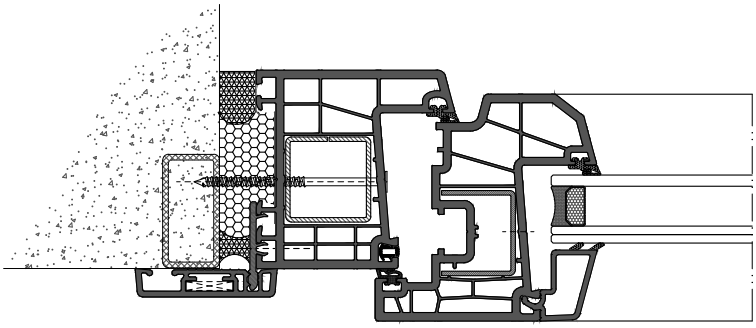


2.- By screws or wads
The frame is fixed directly to the factory well by screw with expander plug or by full thread screws. For this, it is convenient that the frame profile has been pre-drilled in factory to facilitate assembly, since drilling in work of the metallic reinforcements of the profilesof PVC is slow because it is not normally availableof the right tools.

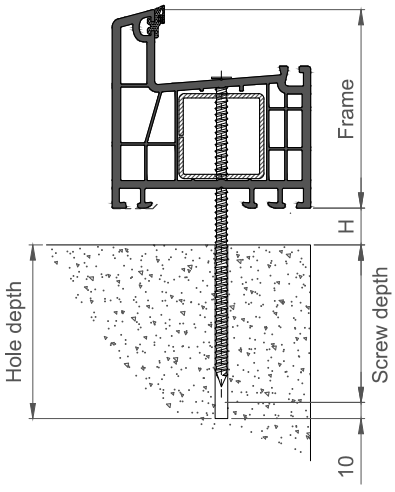


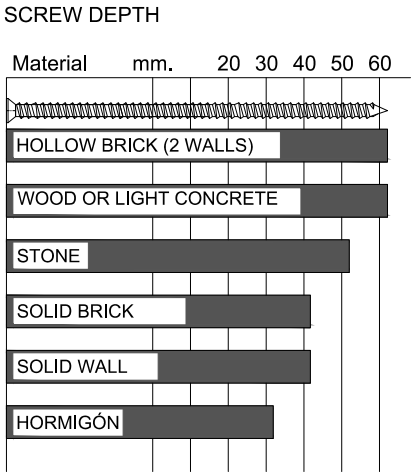
It is important that the points at which they enter screws are well seated. The shoe is placed with the necessary pressure to prevent the movement of the frame and without causing bending or warping that may harm the correct operation of the window.

The use of full thread screws does not require no plug in the groove between the frame and the wall during fixing.



The table indicates the minimum screwing depth for full-thread screws in walls of different types:





3.- By metal or wooden sub-frame
It is leveled, plumb and the pre-frame is fixed by means of anchoring claws to the work. The fixing of the frame to the sub-frame is carried out by means of screws, taking care, as in the previous case, that the points where these penetrate are well fitted.
This system is especially recommended for the following reasons:

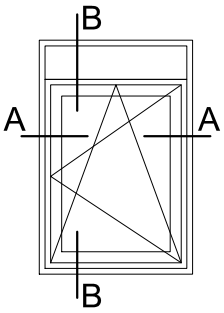
- Avoids errors in the execution of openings and facilitates their measurement, leveling, plumbing and finishing, thus reducing assembly costs.
- Possible damage to the window is avoided when it is installed as a finishing touch for the site installation.
- Installation processes do not usually require pre-drilling of the frame.
- The masonry and carpenter works are independent, speeding up the execution of the work..
- The sub-frame facilitates the breaking of the thermal bridge between the exterior and interior face of the factory.

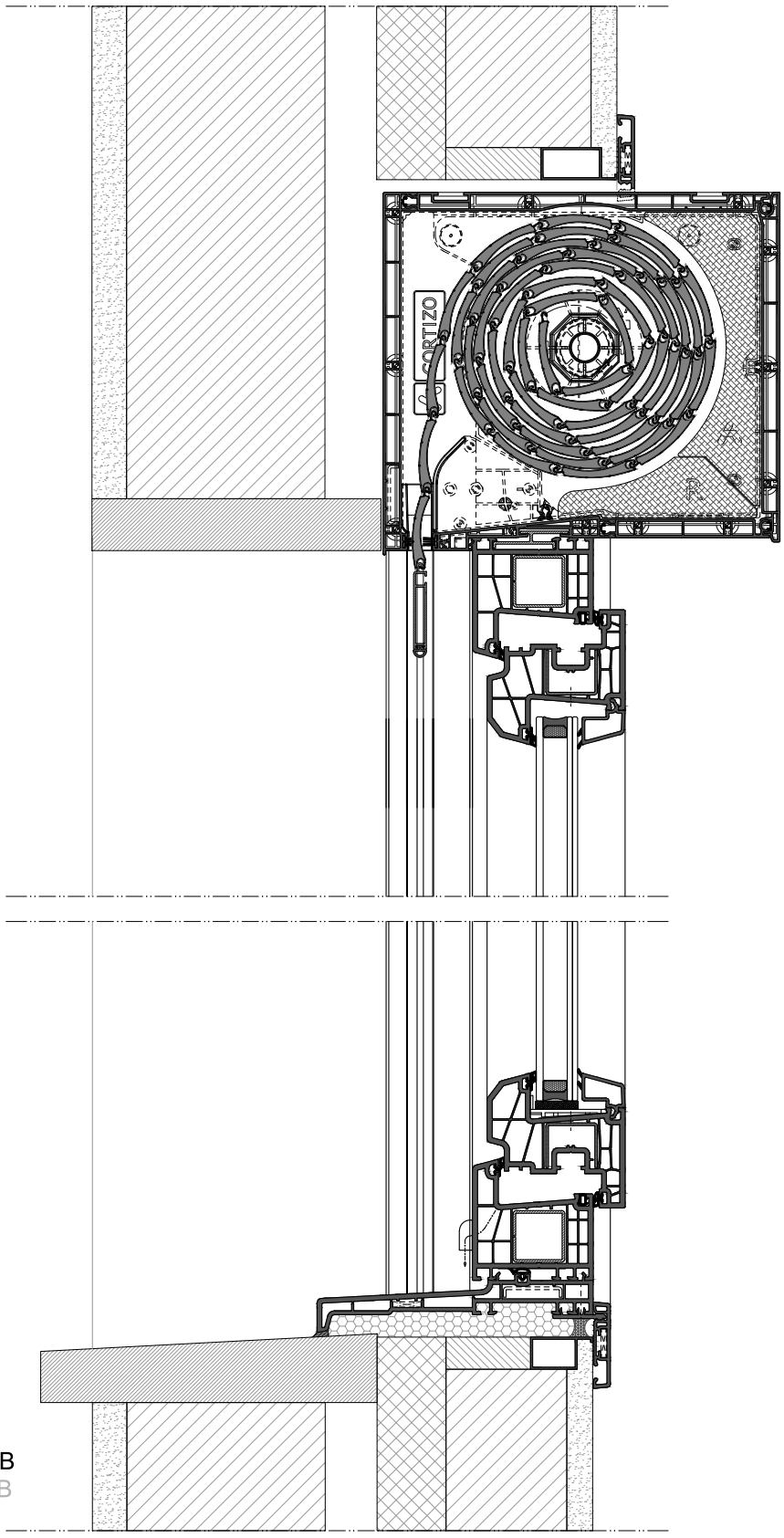
CONTROLES FINALES DE FUNCIONAMIENTO DE LA VENTANA INSTALADA

When the installation of the window is finished, it is necessary to carry out some final control operations, to check its operation. The checks to be carried out are the following:

- Check the operation of the closing mechanisms of the leaves (proper closing of the handle, the leaves must not open or close by themselves due to incorrect installation.)
- Check that the measurement of the overlapping of the sash on the frame in the entire perimeter of the window opening is correct, and the appropriate corrections, regulating the hardware or the thrust of the glazing wedges.
- Check the operation of the accessories (roller shutters, shutters,...)
- Check that the drainage holes in the frame profiles or in the crossbars or dividing profiles are free of shavings

SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION 1:4

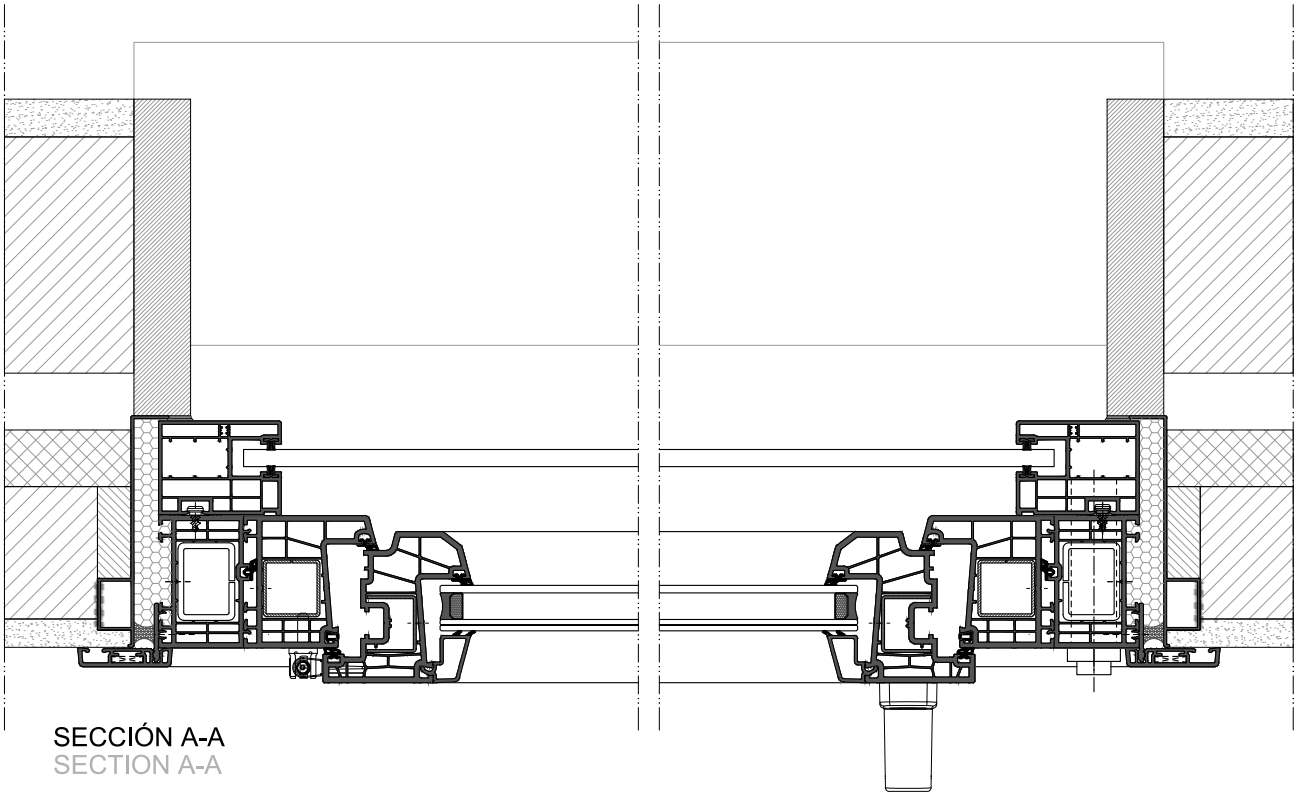




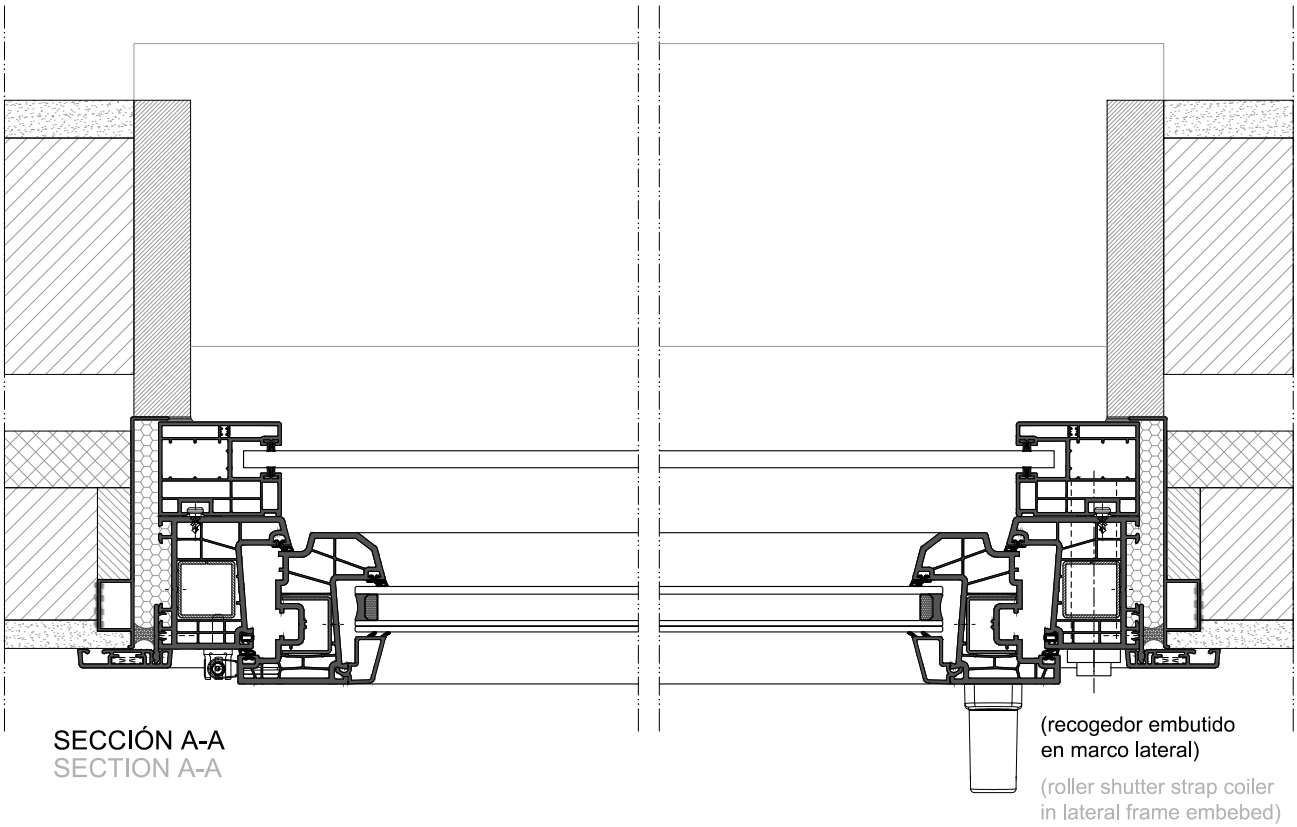
SECCIÓN B-B
SECTION B-B

SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION

1:4



SECCIÓN A-A
SECTION A-A

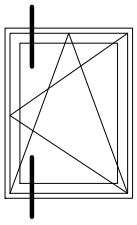


SECCIÓN A-A
SECTION A-A

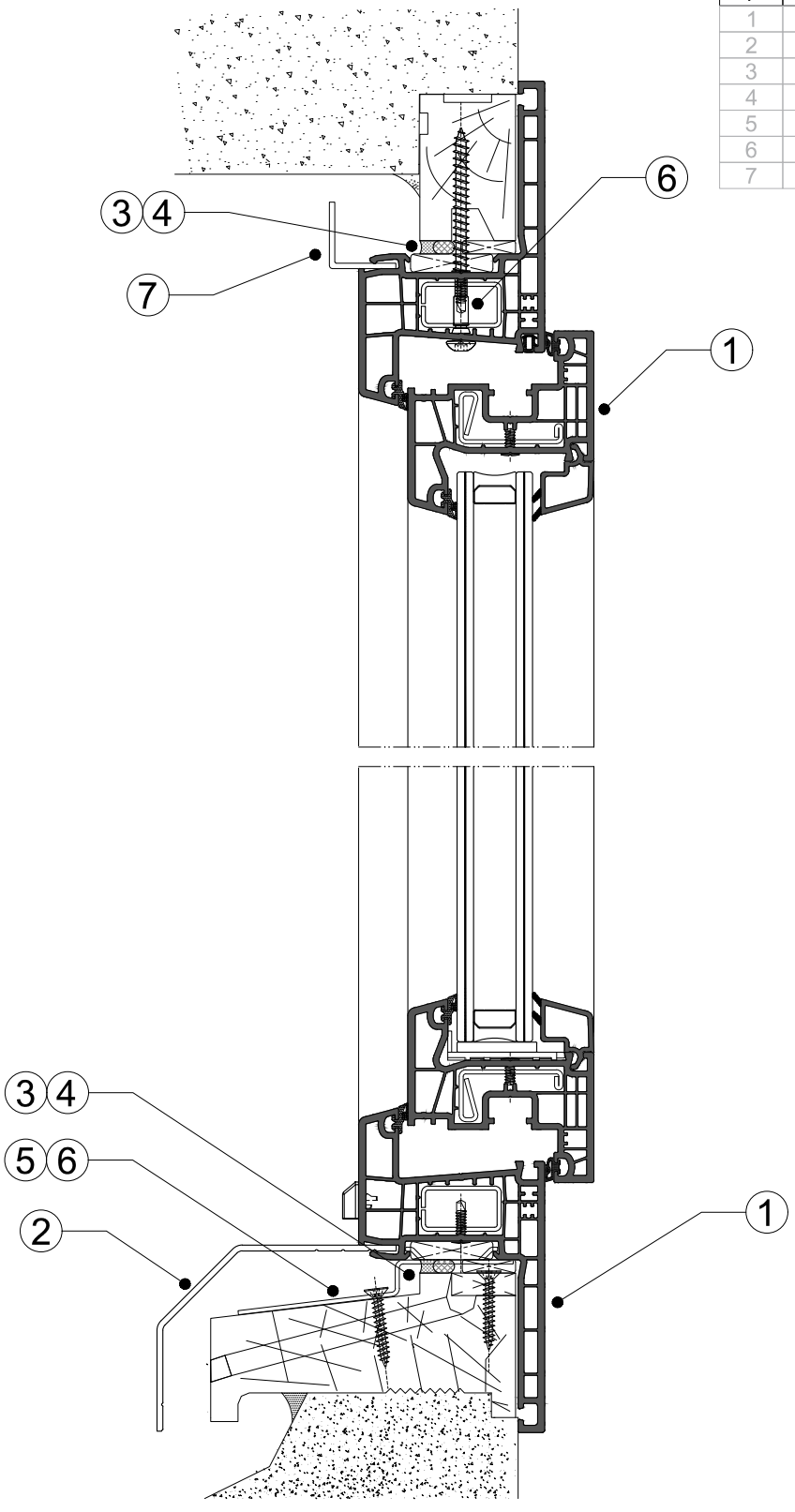
(recogedor embutido
en marco lateral)

(roller shutter strap coiler
in lateral frame embebed)

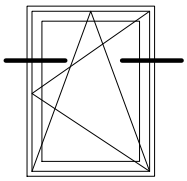
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



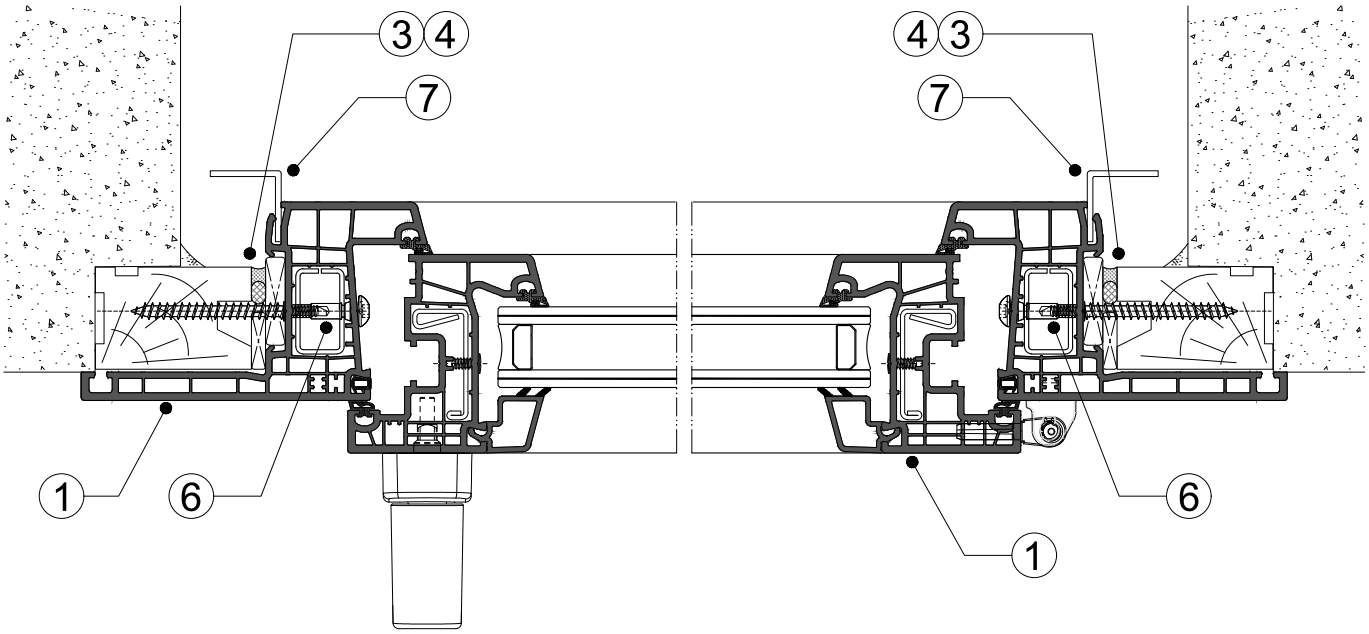
1	*Ventana / Marco renovación*
2	*Bandeja*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Garra fijación*
6	*Fijación*
7	*Ángulo de cierre*
1	*Window / Frame renovation*
2	*Tray*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Fixing lug*
6	*Fixing*
7	*Closing angle*



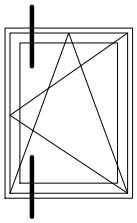
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



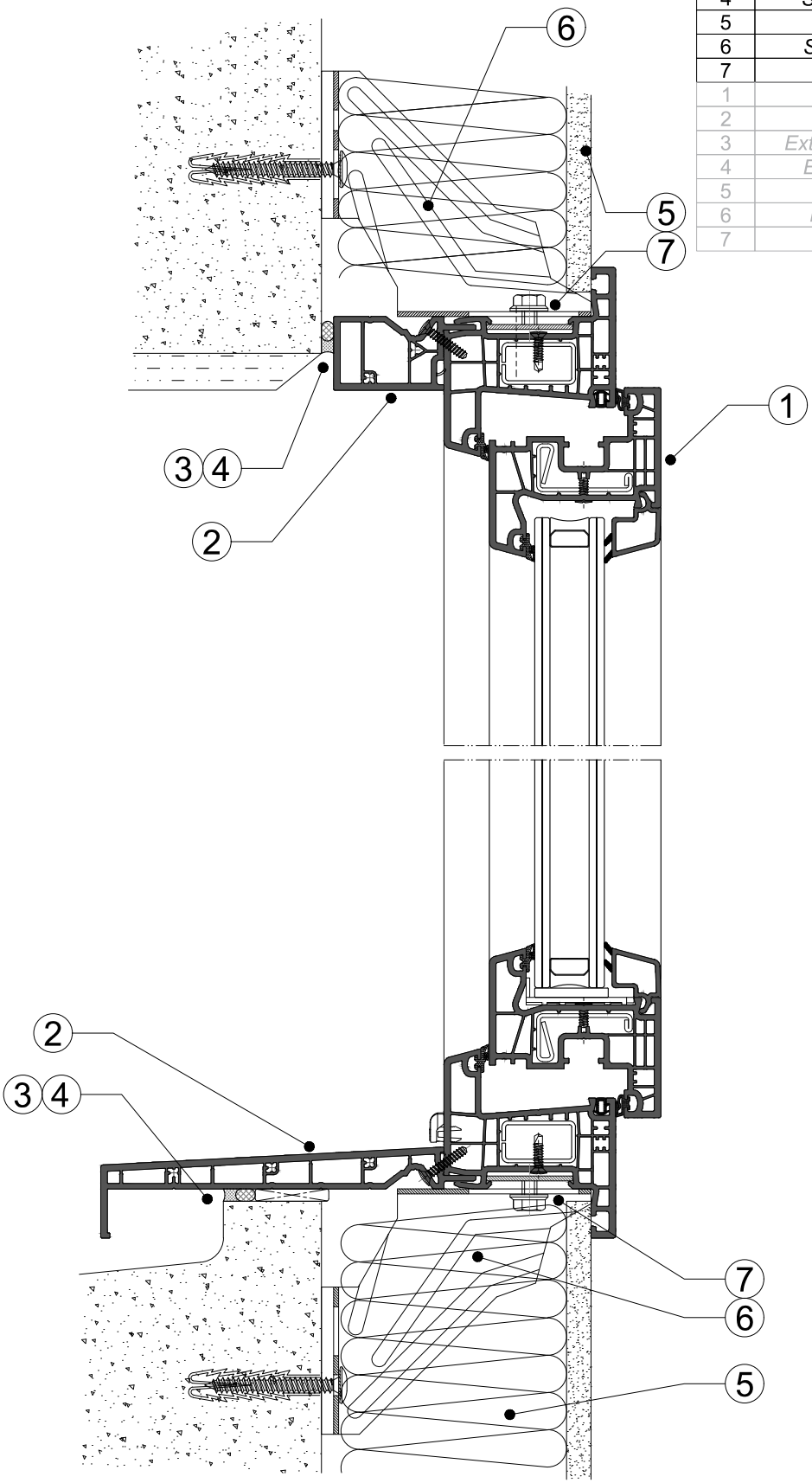
1	*Ventana / Marco renovación*
2	*Bandeja*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Garra fijación*
6	*Fijación*
7	*Ángulo de cierre*
1	*Window / Frame renovation*
2	*Tray*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Fixing lug*
6	*Fixing*
7	*Closing angle*



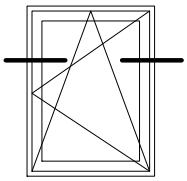
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



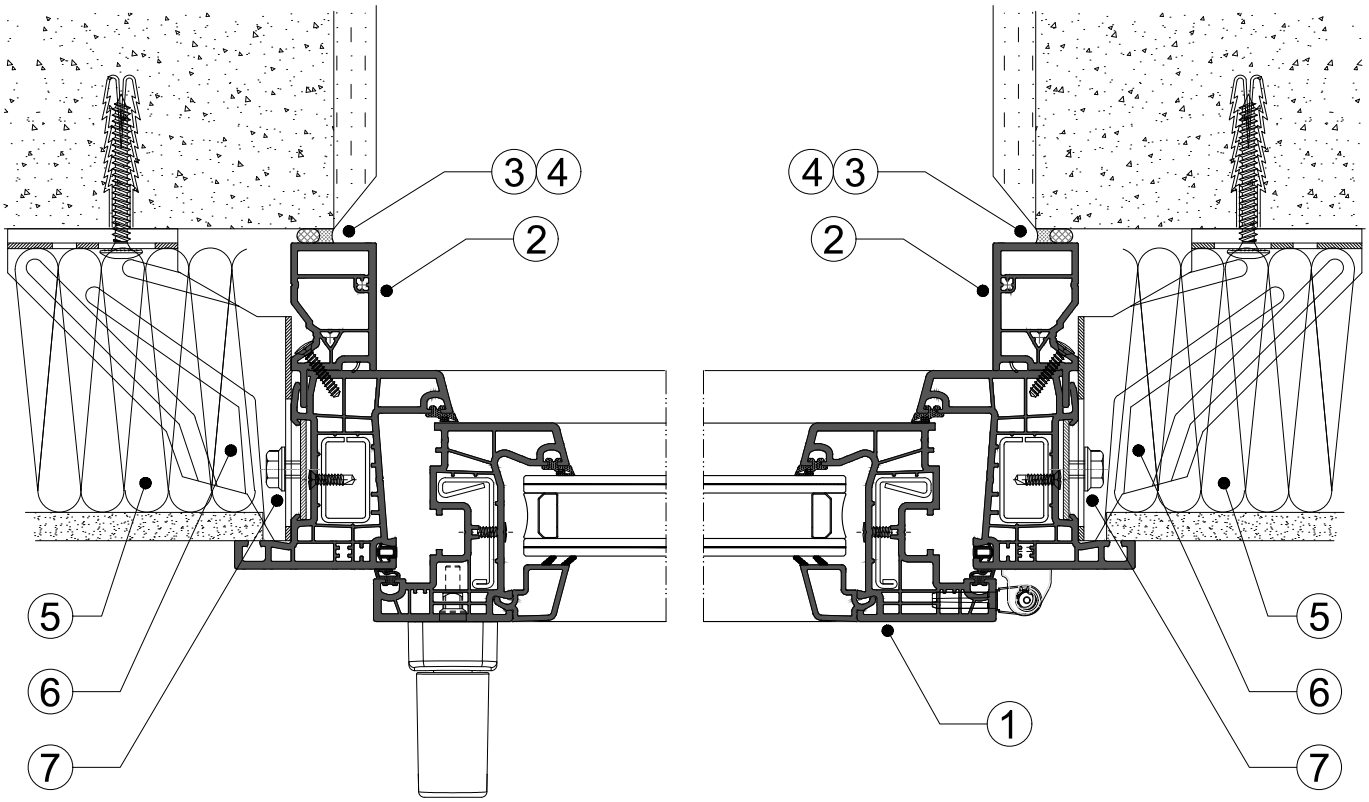
1	*Ventana*
2	*Tapée o Bandeja*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Aislamiento*
6	*Soporte fijación*
7	*Grapa fijación*
1	*Window*
2	*Cap or tray*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Isolation*
6	*Fixing bracket*
7	*Fixing clamp*



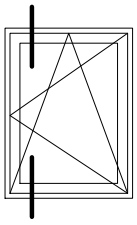
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION

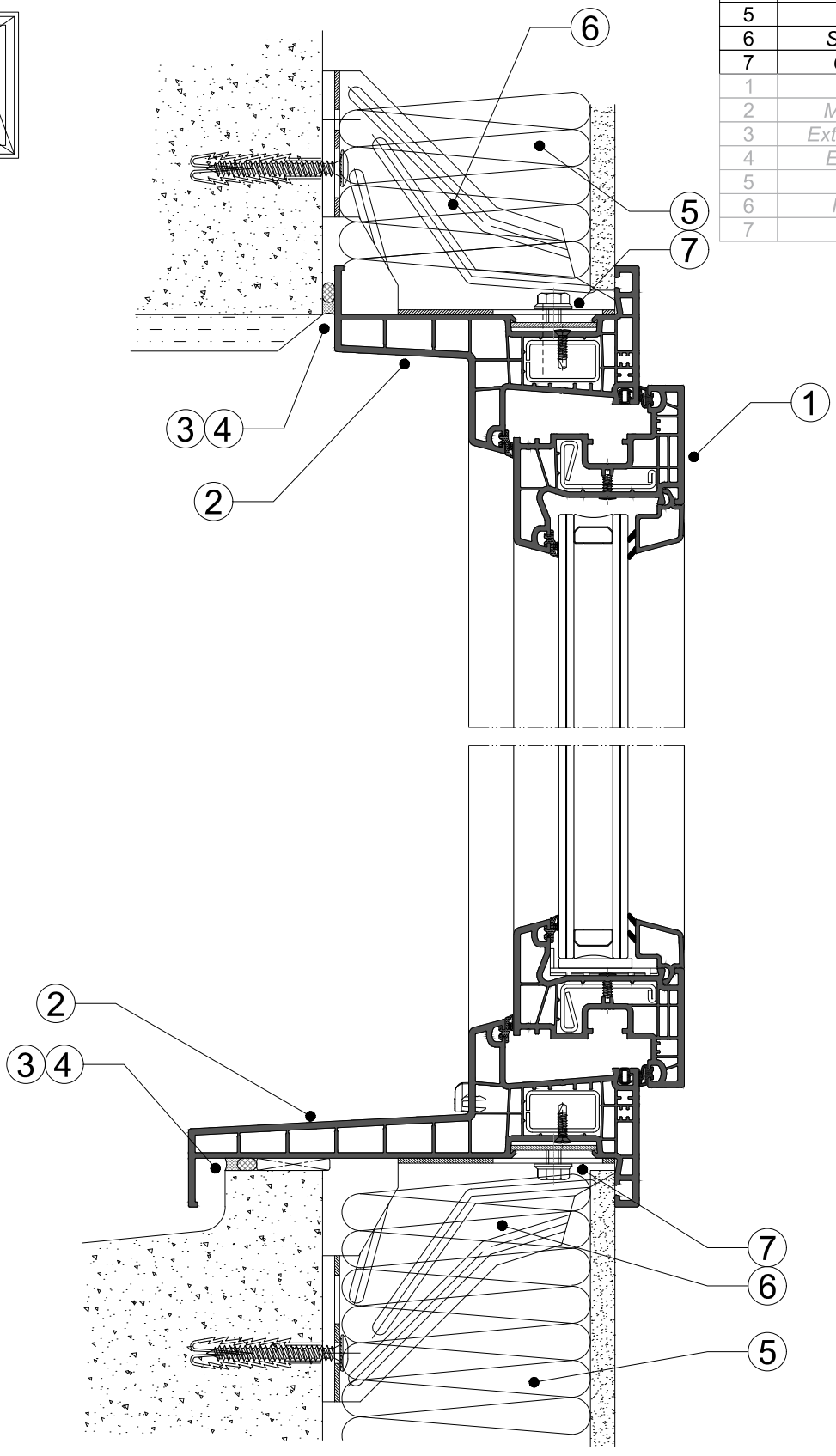


1	*Ventana*
2	*Tapée o Bandeja*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Aislamiento*
6	*Soporte fijación*
7	*Grapa fijación*
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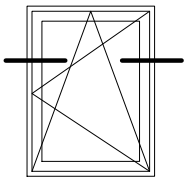
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



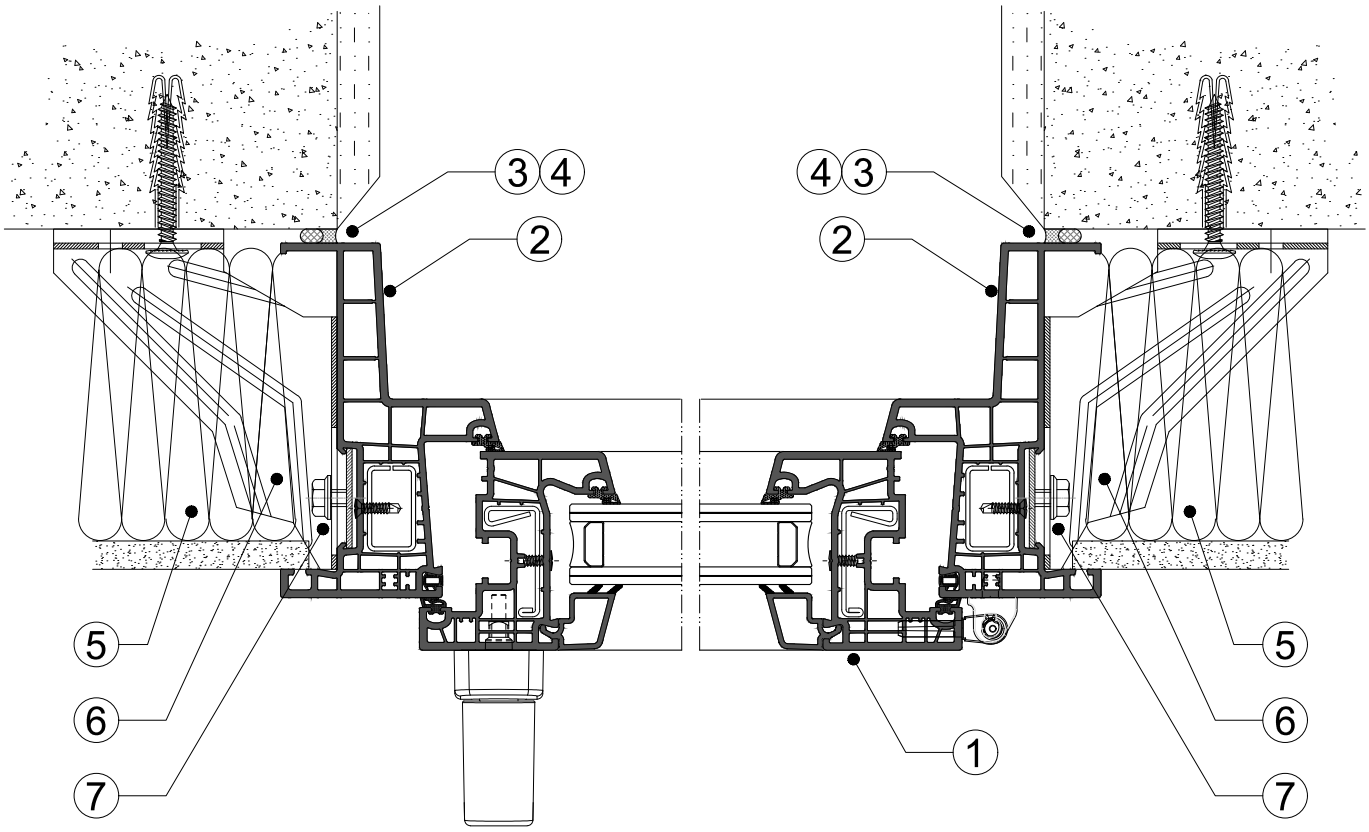


1	*Ventana*
2	*Marco monobloc*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Aislamiento*
6	*Soporte fijación*
7	*Grapa fijación*
1	*Window*
2	*Monoclok frame*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Isolation*
6	*Fixing bracket*
7	*Fixing clamp*

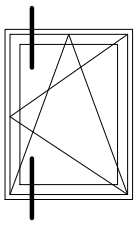
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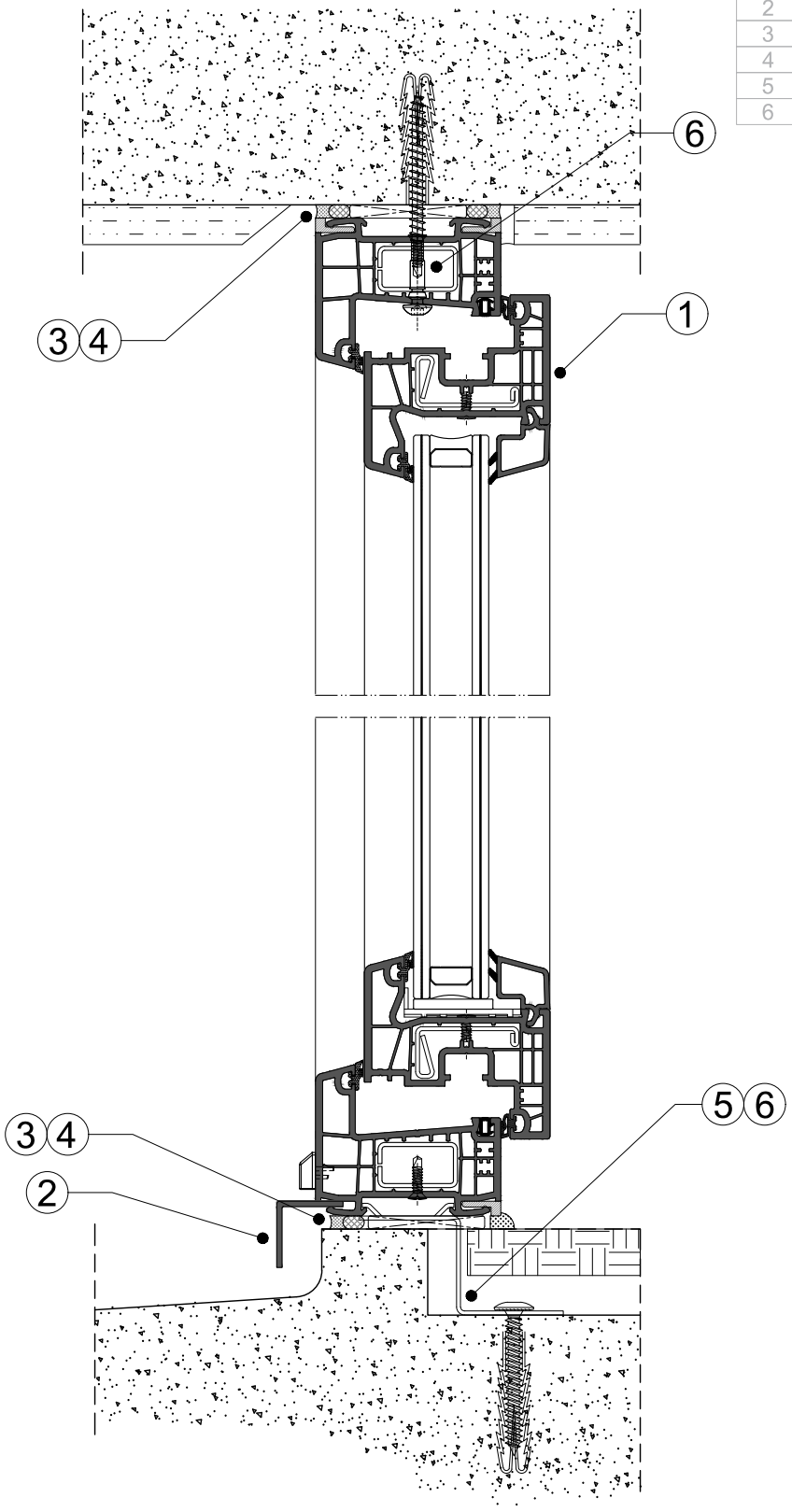


1	*Ventana*
2	*Marco monobloc*
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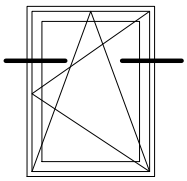
SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



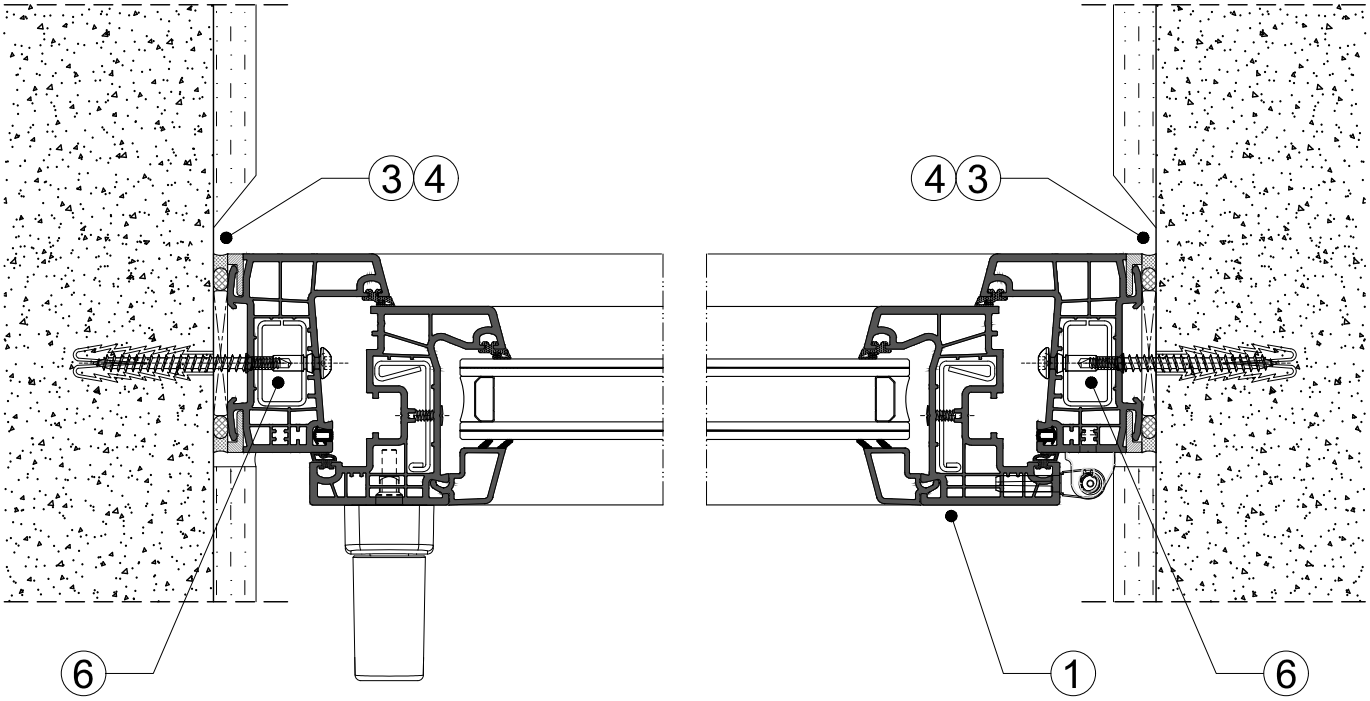


1	*Ventana*
2	*Ángulo de cierre*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Garra fijación*
6	*Fijación*
1	*Window*
2	*Closing angle*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Fixing lug*
6	*Fixing*

SECCIÓN TIPO - PUESTA EN OBRA / SECTION TYPE - SITE INSTALLATION



1	*Ventana*
2	*Ángulo de cierre*
3	*Tope de sellado exterior*
4	*Sellado exterior*
5	*Garra fijación*
6	*Fijación*
1	*Window*
2	*Closing angle*
3	*Exterior sealing stop*
4	*Exterior sealing*
5	*Fixing lug*
6	*Fixing*



11. RECOMENDACIONES DE MANTENIMIENTO
11. MAINTENANCE RECOMMENDATIONS

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ALMACENAJE Y TRANSPORTE

En el transporte las ventanas deben ir correctamente protegidas para evitar deslizamientos y rayaduras, con especial cuidado en evitar golpes que pueda dañar o quebrar la unión de las esquinas, su posición de traslado será vertical y amarradas para evitar caídas.

Para el correcto embalaje se recomienda alinear las ventanas y protegerlas con cartón corrugado preferentemente.

REQUISITOS Y TÉCNICAS DE INSTALACIÓN

A - **Instrucciones de Montaje:** (si no lo lleva a cabo el fabricante de la ventana).

Se recomienda el montaje sobre premarco de madera o aluminio.
Se recomienda sellar los tapajuntas por su parte interior con silicona, antes de colocar la ventana / balconera en el hueco.

El anclaje se realizará mediante tornillos, alojados en la parte interior de los marcos laterales a una distancia nunca mayor de 500 mm. El encuentro entre la parte exterior de la ventana ó balconera y la obra se sellará perimetralmente con silicona.

B - Instrucciones de Acristalamiento: (si no lo lleva a cabo el fabricante de la ventana).

Una vez colocada la ventana en obra se procederá al acristalamiento. Para conseguir un perfecto aislamiento térmico y acústico la ventana ha de acristalarse con doble vidrio con cámara, debiendo disponer éste de Marcado CE.

Para el correcto funcionamiento de la ventana es preciso tener en consideración que el vidrio tiene que ir colocado sobre calzos y sellado con silicona.

El film protector no debe retirarse hasta que la obra de albañilería quede totalmente acabada. No obstante, no debe esperarse más de tres meses después de su instalación para evitar cualquier marca residual sobre la carpintería al retirar dicho film.

MANTENIMIENTO Y LIMPIEZA

Mantener siempre limpios el carril de drenaje y el carril de mecanismos de la ventana/balconera.

Utilizar jabones neutros para la limpieza de la ventana, (evitar el uso de lejías, amoníacos y productos similares, ya que estos pueden dañar el recubrimiento exterior), a continuación secar la zona lavada. El agua tibia con jabón, puede ser sustituida por limpieza con vapor.

Tras las operaciones de limpieza, se deberán engrasar con vaselina o aceite lubricante exento de ácido (p.e.: aceite de máquina de coser o relojes) todas aquellas piezas sometidas a fricción (bisagras,

fallebas, cierres, compases,etc. En los ángulos de re-envío, no es necesario, ya que llevan grasa permanente).

Se aconseja repetir esta operación semestralmente, una vez realizada la primera vez.

Elementos que **NO** se deben usar:

- Herramientas afiladas como cuchillo, espátulas, etc.
- Estropajos de acero o esponjas abrasivas.
- Limpiadores agresivos para baños o disoluciones para lacas, pueden ocasionar daños permanentes.

Elementos que **SI** se pueden usar:

- Agua tibia (con un 2% de jabón neutro).
- Esponja suave.
- Bayeta secante
- Papel absorbente.
- Máquinas de limpieza a base de vapor de agua caliente.
- Aspirador (para aspirar el polvo retenido entre la junta y la pared exterior del cerco.

Observaciones finales:

En zonas próximas a autopistas, línea de mar o zonas industriales, deberá incrementarse el mantenimiento de sus ventanas / balconeras.

Antes de iniciar cualquier obra próxima a una ventana, deberá proteger ésta de la suciedad que la obra pudiese originar. Utilice para ello plásticos y cintas protectoras según necesidad.

INSTRUCCIONES DE USO FINAL

Es necesario asegurarse de que el mecanismo estándar de apertura esté en la posición correcta antes de su uso.

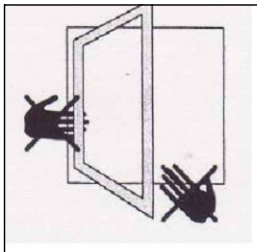
En el caso de cambio de herrajes, debe existir evidencia basada en las correspondientes normas por las que se hicieron los Ensayos Iniciales de Tipo, de que dichas prestaciones del nuevo herraje son iguales o superiores a aquellas que ofrece el herraje a reemplazar.

INSTRUCCIONES DE SEGURIDAD

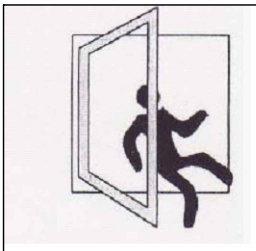
No deben colocarse objetos dentro de las trayectorias de las partes móviles de la ventana que impidan las maniobras normales o que puedan ocasionar golpes.

PELIGROS A TENER EN CUENTA EN LA MANIPULACIÓN DE LAS VENTANAS

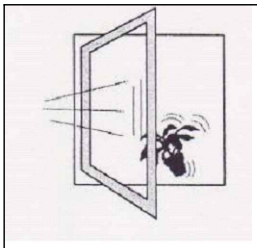
Recomendaciones de seguridad en la manipulación y uso de las ventanas.



Peligro de Atrapamiento
Atención a la posibilidad de atrapamiento entre marco y hoja, al manipular ventanas.



Peligro de Caída
Las ventanas abiertas pueden permitir la caída a través de la misma. Especial vigilancia con los menores.



Peligro de Caída de objetos
Las ventanas abiertas, pueden permitir la caída de objetos, especialmente durante las operaciones de mantenimiento y limpieza.

IMPORTANTE:

Los descuentos que se incluyen en todos los modelos son orientativos, habiendo sido realizados según los accesorios y juntas que suministra Aluminios Cortizo S.A.U. Se recomienda expresamente que se proceda a una comprobación previa por parte del cliente.

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STORAGE AND TRANSPORTATION

During transportation, the windows must be properly protected in order to avoid the slidings and scratchings, avoiding in particular the blows which might damage or break the exterior angles union, the transporting position must be vertical and fastened in order to prevent falling.

For a proper packing, it is advisable that the windows are aligned and protected with corrugated cardboard ideally.

CONDITIONS AND INSTALLATION TECHNIQUES

A - **Assembly instructions:** (if it's not carried out by the window's manufacturer).

The setting up on the wood or aluminium pre-frame is advisable.

It is advisable to seal with silicone the flashings on the inner part, before placing the window / balcony in the hole.

It must be anchored with screws, placed on the lower part of the lateral frames, without surpassing a distance of 500 mm. The union between the outer part of the window or balcony and the work must be sealed on the perimeter with silicone.

B - Glazing instructions: (if it's not carried out by the window's manufacturer).

The glazing will be carried out after the setting up of the window on site. In order to obtain an optimal thermal and acoustic isolation, the window must be glazed with double glazing with an air chamber and CE marking.

For a correct functioning of the window, it needs to be taken into account that the glass must be placed on the wedges and sealed with silicone.

The protective film mustn't be removed until the masonry work is finished. However, we mustn't wait more than three months after the setting up, in order to avoid residual marks on the carpentry when we remove the film.

CLEANING AND MAINTENANCE

Always keep the window/balcony drainage and mechanisms rail clean.

Use neutral soap to clean the window, (avoid using bleach, ammonia or similar products, since they could damage the external coating), and dry the washed area afterwards. The warm water with soap could be replaced by a steam cleaning.

After the cleaning operations, we must lubricate with vaseline or acid free lubricating oil (ex.: sewing machine or clocks oil) all the parts subject to friction (hinges,

platens, bolts, compasses, etc. This is not necessary on the return angles since they have got permanent grease.)

This operation should be repeated every six months after the first time.

The following elements must **NOT** be used

- Sharp tools such as knives, trowels, etc.
- Steel wool or abrasive sponges

Aggressive bath cleaners or solutions for lacquer, can cause permanent damage.

The following elements **CAN** be used: :

- Warm water (with 2% of mild soap).
- Soft sponge.
- Cleaning cloth.
- Absorbent paper.
- Steams cleaners.

Vacuum cleaner (to vacuum the dust between the gasket and the outer wall of the frame).

Concluding observations:

In areas close to highways, coast line or industrial areas, the maintenance of the windows should be increased.

Before beginning any work close to the window, it should be protected from dirt which can be originated from the site. Use plastics and weather-stripping as required.

FINAL USING INSTRUCTIONS

You need to make sure the standard opening mechanism is on the right position before using it.

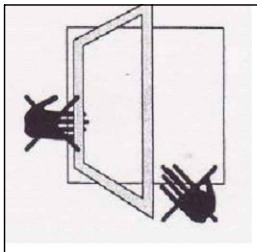
As for changing the hardware, it must be proven that the new hardware features are the same or better than the previous ones, according the rules of the Standard Initial Test.

SECURITY INSTRUCTIONS

We mustn't place objects on the trajectory of the mobile parts which might prevent the window from performing the normal manœuvre of the window or might cause blows.

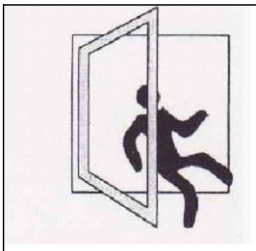
DANGERS THAT SHOULD BE TAKEN INTO CONSIDERATION WHEN HANDLING THE WINDOWS

Security recommendations when handling and using the windows.



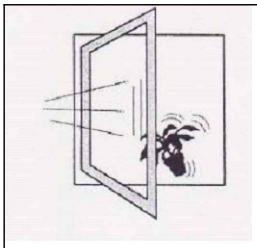
Danger of being caught

Pay attention to the possibility of being caught between the frame and the sash, when handling the windows.



Danger of falling

An open window poses a risk of people falling out of them. Pay special attention to children.



Danger of falling objects

Be aware of objects falling out of an open window, especially during cleaning or maintenance.

IMPORTANT:

The included reductions on the different models are illustrative, carried out according to the accessories and gaskets provided by Aluminios Cortizo S.A.U. We recommend the client to check the information beforehand.
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