STRUGAL S88RP

SISTEMA CORREDERA • SISTEMA DE CORRER
SYSTÈME COULISSANTE • SLIDING SYSTEM

STRUGAL

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STRUGAL **S88RP**

CARACTERÍSTICAS TÉCNICAS
Características técnicas
Caractéristiques techniques
Technical specifications

CARACTERÍSTICAS TÉCNICAS | Características técnicas | Caractéristiques techniques | Technical specifications

LONGITUD DE POLIAMIDAS **34 mm**
Largura de poliamida
Longueur de la polyamide
Polyamide length

ACRISTALAMIENTO **Espesor máximo 32 mm**
Envidraçado — Espessura máxima 32 mm
Vitrage — Épaisseur maximale 32 mm
Glazing — Maximum thickness 32 mm

ESPESOR MEDIO TEÓRICO **1,5 mm**
Espessura média teórica
Épaisseur minimal théorique
Theoretical average thickness

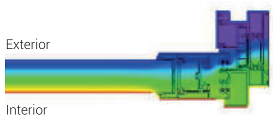
PESO MÁXIMO POR HOJA
Peso máximo por folha
Poid maximum ouvrant
Maximum weight per sash

200 kg (versión deslizante) (versão correr) (version coulissante) (Sliding sashes)
300 kg (versión elevable) (versão elevável) (version à levage) (Lift and slide version)

AISLAMIENTO ACÚSTICO **$R_w \leq$ 37 dB ***
Isolamento acústico
Isolation acoustique
Soundproofing

*Valor determinado según ensayo realizado de acuerdo con la norma EN-ISO 10140-1 y resultado evaluado según EN-ISO 717-1.
*Valor determinado segundo ensaio realizado de acordo com a norma ENISO 10140-1 e resultado avaliado de acordo com a norma EN-ISO 717-1
*calculado de acordo com a norma EN-ISO 10140-1 e resolução avaliada de acordo com a norma EN-ISO 717-1
*Value determined by test carried out by standard EN-ISO 10140-1 and result evaluated in accordance with EN-ISO 717-1.

TRANSMITANCIA TÉRMICA **$U_w \geq$ 1,3 W/m²K ***
Transmissão térmica
Transmittance thermique
Thermal transmittance



*Valor calculado según norma EN-ISO 10077-1. Consultar configuración de ventana y vidrio.
*Valor calculado de acordo com a norma EN-ISO 10077-1. Consultar configuração de janela e vidro.
*Valeur calculée conformément à la norme EN-ISO 10077-1. Consulter la configuration de la fenêtre et du vitrage.
*Value calculated according to EN-ISO 10077-1. Please refer to the configuration of window and glass.

DIMENSIONES MÁXIMAS | Dimensões máximas | Dimensions maximales | Maximum dimensions

ANCHO DE HOJA (L) Largura da folha Largueur d´ouvrant Sash width	**2300 mm (versión deslizante)** 2300 mm (versão correr) 2300 mm (version coulissante) 2300 mm (sliding sashes)	-	**3300 mm (versión elevable)*** 3300 mm (versão elevável) 3300 mm (version à levage) 3300 mm (Lift and slide version)
ALTO DE HOJA (H) Altura da folha Hauteur d´ouvrant Sash height	**2600 mm (versión deslizante)** 2600 mm (versão correr) 2600 mm (version coulissante) 2600 mm (sliding sashes)	-	**3200 mm (versión elevable)*** 3200 mm (versão elevável) 3200 mm (version à levage) 3200 mm (Lift and slide version)

*** Consultar peso y dimensiones máximas según tipología y ubicación de la ventana o puerta.**
* Consultar peso e dimensões máximas de acordo com a tipologia e localização da janela ou porta.
* Consulter le poids et les dimensions maximales en fonction de la typologie et de l'emplacement de la fenêtre ou de la porte.
* Please consult maximum weight and dimensions, depending on type and position of the window or door.

PERMEABILIDAD AL AIRE
Permeabilidade ao ar
Perméabilité à l’air
Air permeability

CLASE 1	CLASE 2	CLASE 3	**CLASE 4**	UNE-EN 12207

ESTANQUIDAD AL AGUA
Estanquicidade à água
Étanchéité à l’eau
Watertightness

1A	2A	3A	4A	5A	6A	**7A**	8A	9A	E2400	UNE-EN 12208

RESISTENCIA AL VIENTO
Resistência ao vento
Résistance au vent
Wind resistance

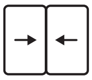
C1	C2	C3	C4	**C5**	UNE-EN 12210

*Ensayo realizado sobre una ventana balconera de 2 hojas de 1800x2200 mm.
*Valor calculado para uma janela de sacada de duas folhas com 1800x2200 mm.
*Test réalisé sur une fenêtre coulissante de balcon de 2 ouvrants de 1800x2200 mm.
*Test carried out on a 2-sash balcony window of 1800 mm x 2200 mm.

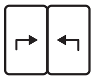
Características técnicas | Características técnicas | Caractéristiques techniques | Technical specifications

APERTURAS | Aberturas | Ouverture | Opening

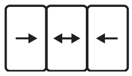
2 CARRILES | 2 carris | 2 rails | 2 rails



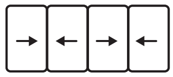
2 HOJAS CORREDERAS
2 folhas de correr
2 vantaux coulissants
2 sliding sashes



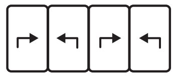
2 HOJAS ELEVABLES
2 folhas elevatórias
2 vantaux à levage
2 lift and slide sashes



3 HOJAS CORREDERAS
3 folhas de correr
3 vantaux coulissants
3 Sliding sashes

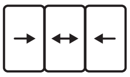


4 HOJAS CORREDERAS
4 folhas de correr
4 vantaux coulissants
4 sliding sashes

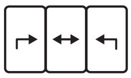


4 HOJAS ELEVABLES
4 folhas elevatóras
4 vantaux à lavage
4 lift and slide sashes

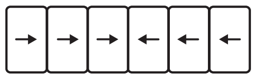
3 CARRILES | 3 carris | 3 rails | 3 rails



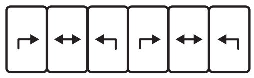
3 HOJAS CORREDERAS
3 folhas de correr
3 vantaux coulissants
3 Sliding sashes



1 HOJA CORREDERA, 2 HOJAS ELEVABLES
1 folha de correr, 2 folhas elevatórias
1 vantail coulissant, 2 vantaux à levage
1 sliding sash, 2 lift and slide sashes

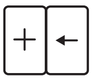


6 HOJAS CORREDERAS
6 folhas de correr
6 vantaux coulissants
6 sliding sashes

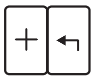


2 HOJAS CORREDERAS 4 HOJAS ELEVABLES
2 folhas de correr, 4 folhas elevatórias
2 vantaux coulissants, 4 vantaux à levage
2 sliding sashes, 4 lift and slide sashes

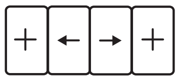
MONOCARRILES | Mono-carril | Monorail | Monorail



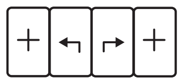
MONOCARRIL CORREDERA
Mono-carril de correr
Monorail coulissant
Sliding monorail



MONOCARRIL ELEVABLE
Mono-carril elevatória
Monorail à lévage
Lift and slide monorail

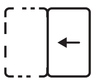


MONOCARRIL 2 HOJAS CORREDERAS, CON 2 FIJOS LATERALES
Mono-carril 2 folhas de correr, com 2 fixos laterias
Monorail 2 vantaux coulissants avec des fixes latéraux
2 sliding sashes monorail, with 2 lateral fixes

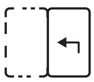


MONOCARRIL 2 HOJAS ELEVABLES, CON 2 FIJOS LATERALES
Mono-carril 2 folhas eleváveis, com 2 fixos laterias
Monorail 2 ouvrants à lévage avec des fixes latéraux
2 lift&slide sashes monorail, with 2 lateral fixes

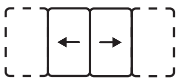
GALANDAGE | Galandage | Galandage | Pocket



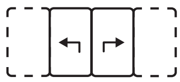
GALANDAGE CORREDERA
Galandage de correr
Galandage coulissant
Sliding pocket



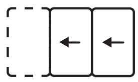
GALANDAGE ELEVABLE
Galandage elevatória
Galandage à levage
Lift and slide pocket



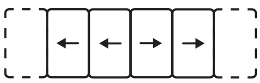
2 HOJAS CORREDERAS
2 folhas de correr galandage
2 vantaux coulissants à galandage
2 sliding sashes pocket



2 HOJAS ELEVABLES
2 folhas elevatórias galandage
2 vantaux à levage à galandage
2 lift and slide sashes pocket



2 HOJAS CORREDERAS (3 CARRILES)
2 folhas de correr galandage (3 carris)
2 vantaux coulissants à galandage (3 rails)
2 sliding sashes pocket (3 rails)



4 HOJAS CORREDERAS (3 CARRILES)
4 folhas de correr galandage (3 carris)
4 vantaux coulissants à galandage (3 rails)
4 sliding sashes pocket (3 rails)

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COEFICIENTES DE TRANSMITANCIA TÉRMICA

Coeficientes de transmitáncia térmica
Coefficients de transmittance thermique
Thermal transmittance coefficients

COEFICIENTES DE TRANSMITANCIA TÉRMICA | Coeficientes de transmitáncia térmica | Coefficients de transmittance thermique | Thermal transmittance coefficients

Cálculo de transmitancia térmica (U_w) para una ventana de dos hojas con dimensiones 1230 mm x 1480 mm.
Cálculo de transmitância térmica (U_w) para uma janela de duas folhas de correr com dimensões 1230mm x 1480 mm.
Calcul de transmittance thermique (U_w) pour une fenêtre deux ouvrants de 1230 mm x 1480 mm.
Thermal transmittance calculation (U_w) for a two sashes window with dimensions 1230 mm x 1480 mm.

		= 1230 x 1480 mm																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m^{2}K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	2,1	2,2	2,3	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	2,9	3,0	3,1	3,2	3,2	3,3	3,4	3,4	3,5
Nirotec 015	0,062	2,0	2,0	2,1	2,2	2,2	2,3	2,4	2,4	2,5	2,6	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,1	3,2	3,3	3,3
Thermix TX.N plus	0,050	1,9	2,0	2,1	2,1	2,2	2,3	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	2,9	3,0	3,1	3,1	3,2	3,3
TGI-Spacer	0,049	1,9	2,0	2,1	2,1	2,2	2,3	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	2,9	3,0	3,1	3,1	3,2	3,3
Chromatech Ultra F	0,048	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	2,9	3,0	3,1	3,1	3,2	3,3
Swisspacer V	0,037	1,9	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,6	2,7	2,8	2,8	2,9	3,0	3,0	3,1	3,2	3,2
Swisspacer Ultimate	0,036	1,9	1,9	2,0	2,1	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,8	2,9	3,0	3,0	3,1	3,2	3,2
Panel o. RV	0,000	1,7	1,8	1,9	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,6	2,7	2,8	2,8	2,9	3,0	3,0	3,1

Cálculo de transmitancia térmica (U_w) para una ventana de dos hojas con dimensiones 1480 x 2180 mm.
Cálculo de transmitância térmica (U_w) para uma janela de duas folhas com dimensões 1480 x 2180 mm.
Calcul de transmittance thermique (U_w) pour une fenêtre deux ouvrants de 1480 x 2180 mm.
Thermal transmittance calculation (U_w) for a two sashes window with dimensions 1480 x 2180 mm.

		= 1480 x 2180 mm																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m^{2}K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,0	3,1	3,2	3,3	3,3	3,4
Nirotec 015	0,062	1,8	1,9	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,0	3,1	3,2	3,3
Thermix TX.N plus	0,050	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2	3,2
TGI-Spacer	0,049	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2	3,2
Chromatech Ultra F	0,048	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2	3,2
Swisspacer V	0,037	1,7	1,8	1,9	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,0	3,1	3,2
Swisspacer Ultimate	0,036	1,7	1,8	1,9	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,0	3,1	3,2
Panel o. RV	0,000	1,6	1,7	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	2,9	3,0	3,1

Cálculo de transmitancia térmica (U_w) para una ventana de dos hojas con dimensiones 2300 x 2180 mm.
Cálculo de transmitância térmica (U_w) para uma janela de duas folhas com dimensões 2300 x 2180 mm.
Calcul de transmittance thermique (U_w) pour une fenêtre deux ouvrants coulissantes de 2300 x 2180 mm.
Thermal transmittance calculation (U_w) for a two sashes window with dimensions 2300 x 2180 mm.

		= 2300 x 2180 mm																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m^{2}K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,2	3,2	3,3
Nirotec 015	0,062	1,6	1,7	1,8	1,9	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1	3,1	3,2
Thermix TX.N plus	0,050	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2
TGI-Spacer	0,049	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2
Chromatech Ultra F	0,048	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	2,9	3,0	3,1	3,2
Swisspacer V	0,037	1,5	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,2
Swisspacer Ultimate	0,036	1,5	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,2
Panel o. RV	0,000	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1

COEFICIENTES DE TRANSMITANCIA TÉRMICA | Coeficientes de transmitáncia térmica | Coefficients de transmittance thermique | Thermal transmittance coefficients

Cálculo de transmitancia térmica (U_w) para una ventana de dos hojas con dimensiones 3600 x 2180 mm.
Cálculo de transmitância térmica (U_w) para uma janela de duas folhas com dimensões 3600 x 2180 mm.
Calcul de transmittance thermique (U_w) pour une fenêtre deux ouvrants de 3600 x 2180 mm.
Thermal transmittance calculation (U_w) for a two sashes window with dimensions 3600 x 2180 mm.

		= 3600 x 2180 mm																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m²K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,2	3,3
Nirotec 015	0,062	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,2
Thermix TX.N plus	0,050	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1	3,2
TGI-Spacer	0,049	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1	3,2
Chromatech Ultra F	0,048	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1	3,1
Swisspacer V	0,037	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1
Swisspacer Ultimate	0,036	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1
Panel o. RV	0,000	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1

Cálculo de transmitancia térmica (U_w) para una ventana de dos hojas deslizantes con dimensiones 4200 x 2600 mm.
Cálculo de transmitância térmica (U_w) para uma janela de duas folhas de correr com dimensões 4200 x 2600 mm.
Calcul de transmittance thermique (U_w) pour une fenêtre deux ouvrants coulissantes de 4200 x 2600 mm.
Thermal transmittance calculation (U_w) for a two sliding sashes window with dimensions 4200 x 2600 mm.

		= 4200 x 2600 mm																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m²K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1	3,2
Nirotec 015	0,062	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,1
Thermix TX.N plus	0,050	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1
TGI-Spacer	0,049	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1
Chromatech Ultra F	0,048	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,0	3,1
Swisspacer V	0,037	1,4	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
Swisspacer Ultimate	0,036	1,4	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
Panel o. RV	0,000	1,3	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,1

COEFICIENTES DE TRANSMITANCIA TÉRMICA | Coeficientes de transmitância térmica | Coefficients de transmittance thermique | Thermal transmittance coefficients

Cálculo de transmitancia térmica (U_W) para una ventana de dos hojas elevables con dimensiones 6300 x 2600 mm.
Cálculo de transmitância térmica (U_W) para uma janela de duas folhas eleváveis com dimensões 6300 x 2600 mm.
Calcul de transmittance thermique (U_W) pour une fenêtre deux ouvrants à lévage de 6300 x 2600 mm.
Thermal transmittance calculation (U_W) for a two lift&slide sashes window with dimensions 6300 x 2600 mm.

		= 6300 x 2600 mm (Versión Elevable)																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m²K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,4	1,5	1,6	1,7	1,8	1,9	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	3,0	3,1	3,2
Nirotec 015	0,062	1,4	1,5	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	2,9	3,0	3,1
Thermix TX.N plus	0,050	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
TGI-Spacer	0,049	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
Chromatech Ultra F	0,048	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
Swisspacer V	0,037	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1
Swisspacer Ultimate	0,036	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,7	2,8	2,9	3,0	3,1
Panel o. RV	0,000	1,3	1,4	1,5	1,6	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,1

Cálculo de transmitancia térmica (U_W) para una ventana de dos hojas elevables con dimensiones 6300 x 3200 mm.
Cálculo de transmitância térmica (U_W) para uma janela de duas folhas eleváveis com dimensões 6300 x 3200 mm.
Calcul de transmittance thermique (U_W) pour une fenêtre deux ouvrants à lévage de 6300 x 3200 mm.
Thermal transmittance calculation (U_W) for a two lift&slide sashes window with dimensions 6300 x 3200 mm.

		= 6300 x 3200 mm (Versión Elevable)																				
Intercalario vidrio	Ψg [W/mK]	Ug [W/m²K]																				
		1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0
Aluminium	0,110	1,4	1,5	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2
Nirotec 015	0,062	1,3	1,4	1,5	1,6	1,7	1,8	1,9	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1
Thermix TX.N plus	0,050	1,3	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	3,0	3,1
TGI-Spacer	0,049	1,3	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	3,0	3,1
Chromatech Ultra F	0,048	1,3	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,6	2,7	2,8	2,9	3,0	3,1
Swisspacer V	0,037	1,3	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,1
Swisspacer Ultimate	0,036	1,3	1,4	1,5	1,6	1,7	1,7	1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,5	2,6	2,7	2,8	2,9	3,0	3,1
Panel o. RV	0,000	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,0

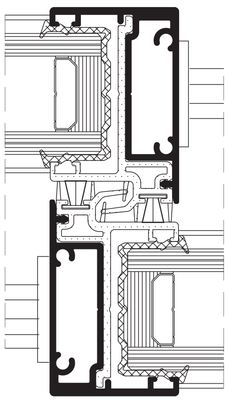
STRUGAL **S88RP**

LÍMITES ESTÁTICOS

Limites estáticos
Limites statiques
Static limits

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**
LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central | Nó central | Nœud central | Central node



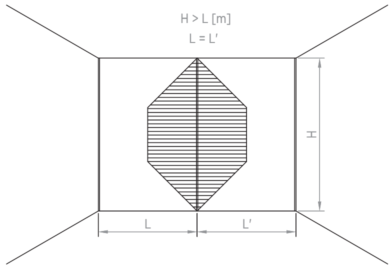
$I_x = 13.06\ cm^4$

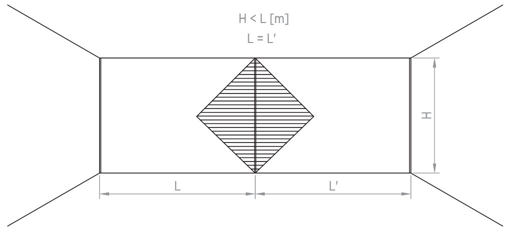
Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

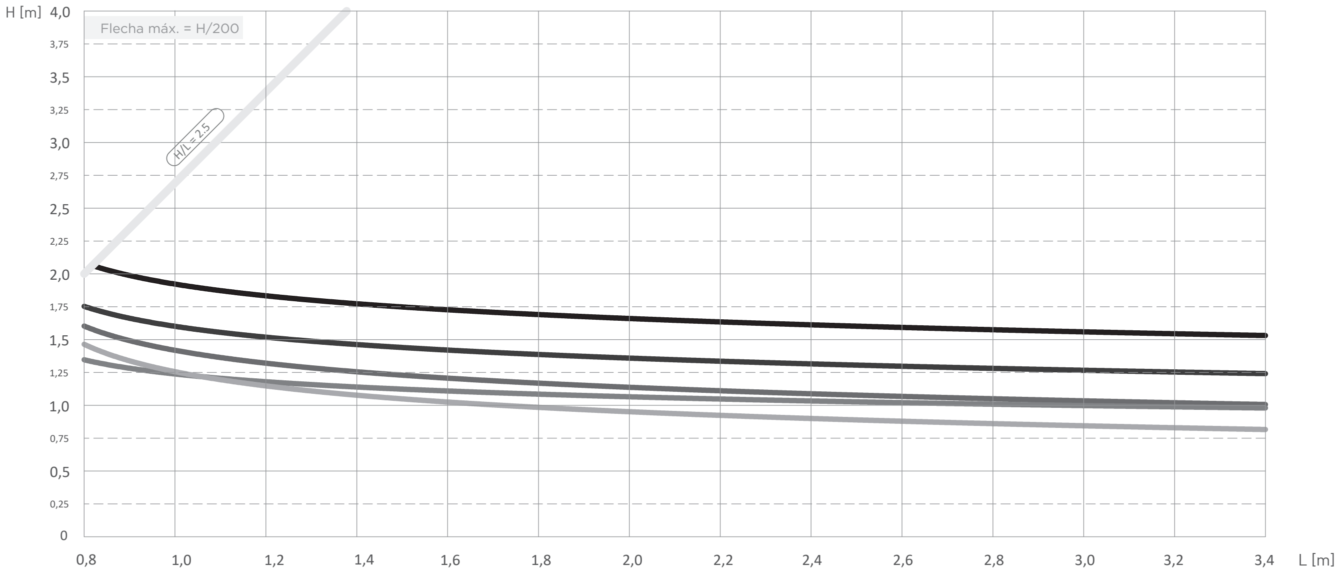
Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculate these and determine the Wind load resistance class for the project. It is recommended not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.





MAX = 200 kg	L máx. = **2300 mm**	H máx. = **2600 mm**	H mín. = **600 mm**
MAX = 300 kg	L máx. = **3300 mm**	H máx. = **3200 mm**	--

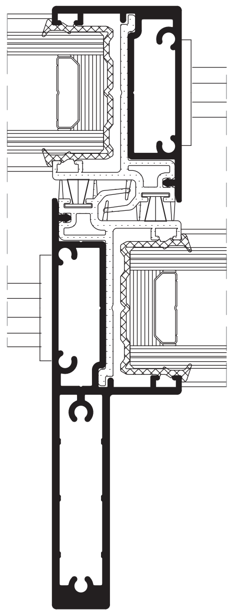
LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance



CLASE 1 [400 Pa - 40,77 kg/m^2 - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m^2 - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m^2 - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m^2 - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m^2 - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**
LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central con 1 hoja con refuerzo | Nó central de 1 folha com reforço | Nœud central 1 vantail avec renfort
Central node 1 sash with reinforcement



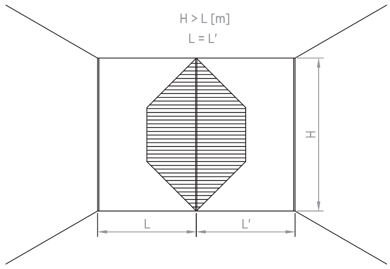
I_x = 56.75 cm^4

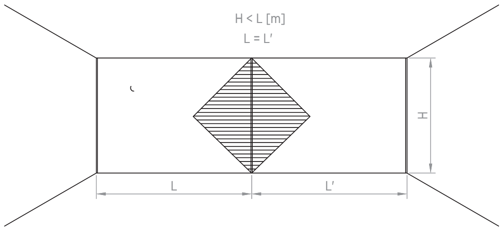
Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

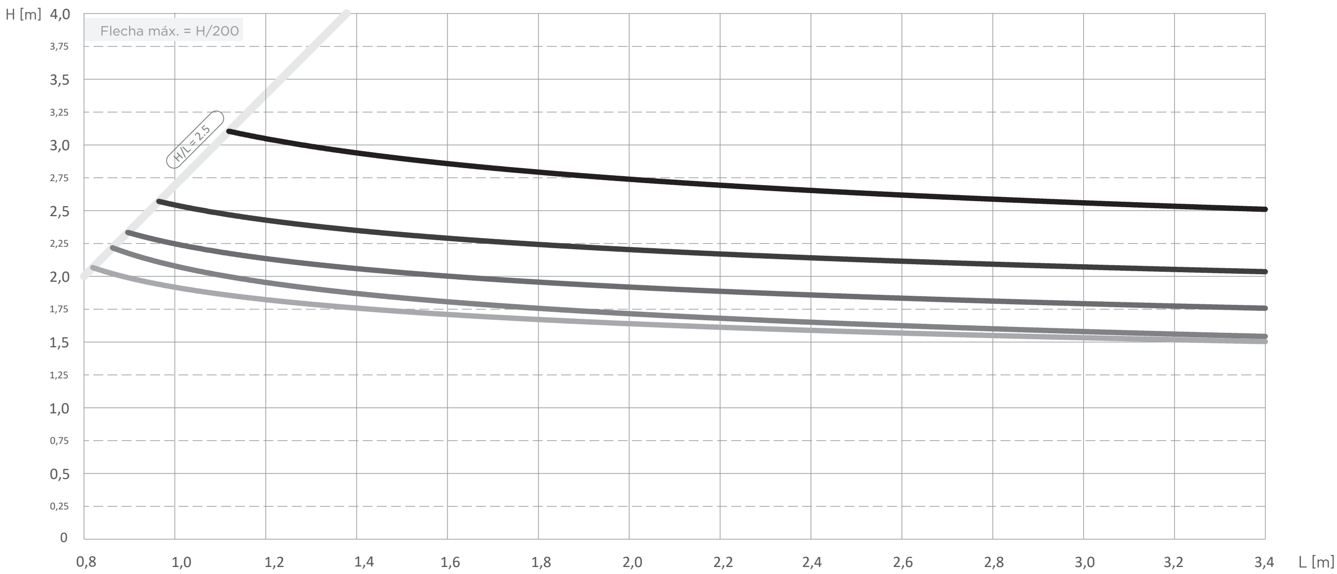
Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculate these and determine the Wind load resistance class for the project. It is recommended not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.





	MAX = 200 kg	L máx. = 2300 mm	H máx. = 2600 mm	H mín. = 600 mm
	MAX = 300 kg	L máx. = 3300 mm	H máx. = 3200 mm	--

LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance

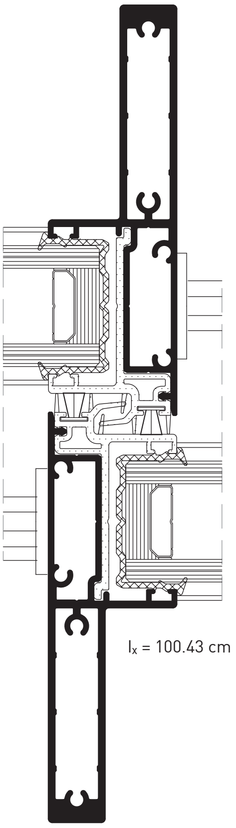


CLASE 1 [400 Pa - 40,77 kg/m² - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m² - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m² - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m² - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m² - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**

LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central con hojas con refuerzos | Nó central com folhas com reforços | Nœud central avec vantaux avec renforts
Central node with sashes with reinforcements



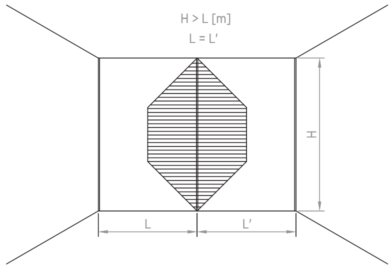
I_x = 100.43 cm

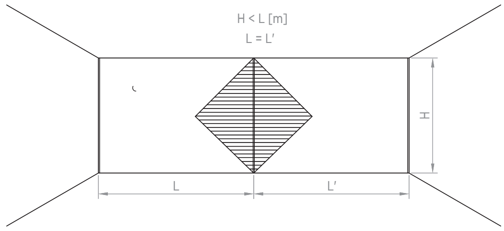
Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculate these and determine the Wind load resistance class for the project. It is recommended not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.

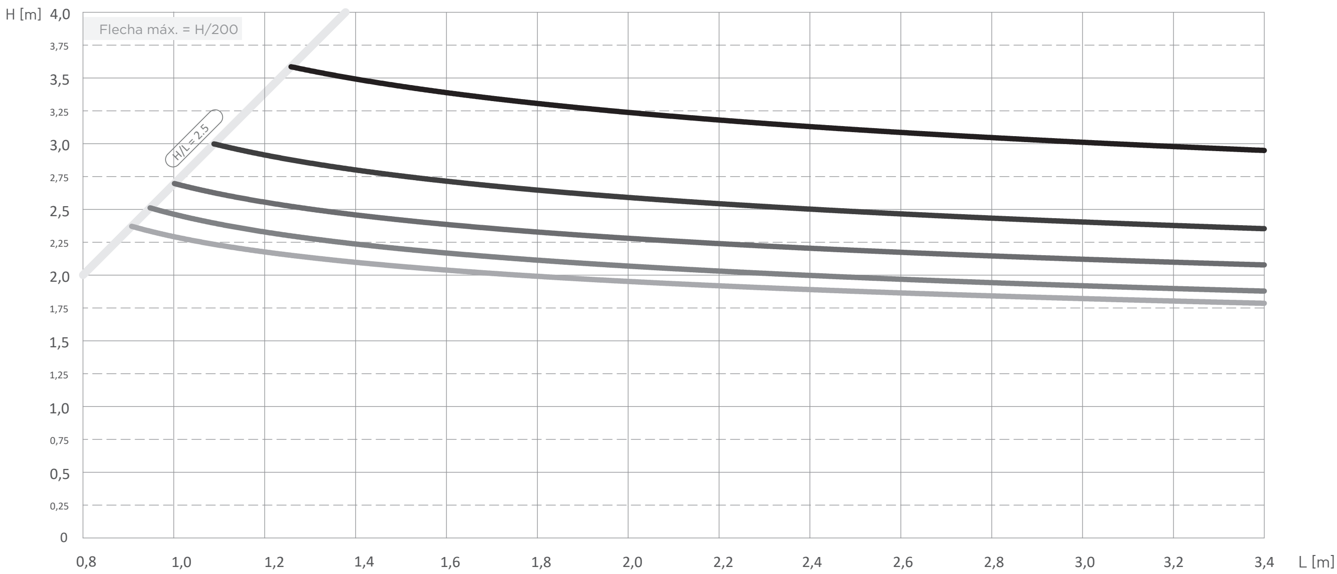




MAX = 200 kg	L máx. = 2300 mm	H máx. = 2600 mm	H mín. = 600 mm
MAX = 300 kg	L máx. = 3300 mm	H máx. = 3200 mm	--

LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO

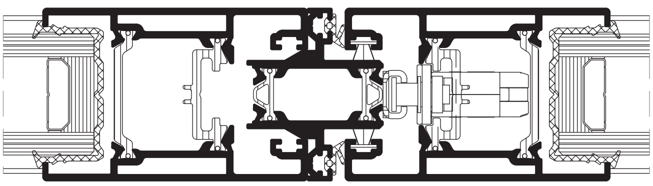
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance



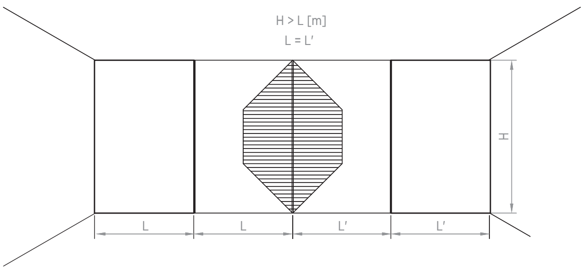
CLASE 1 [400 Pa - 40,77 kg/m² - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m² - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m² - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m² - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m² - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**
LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central 3-4 hoja | Nó central de 3-4 folhas | Nœud central 3-4 vantaux | Central node 3-4 sashes



I_x = 39.34 cm^4



Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

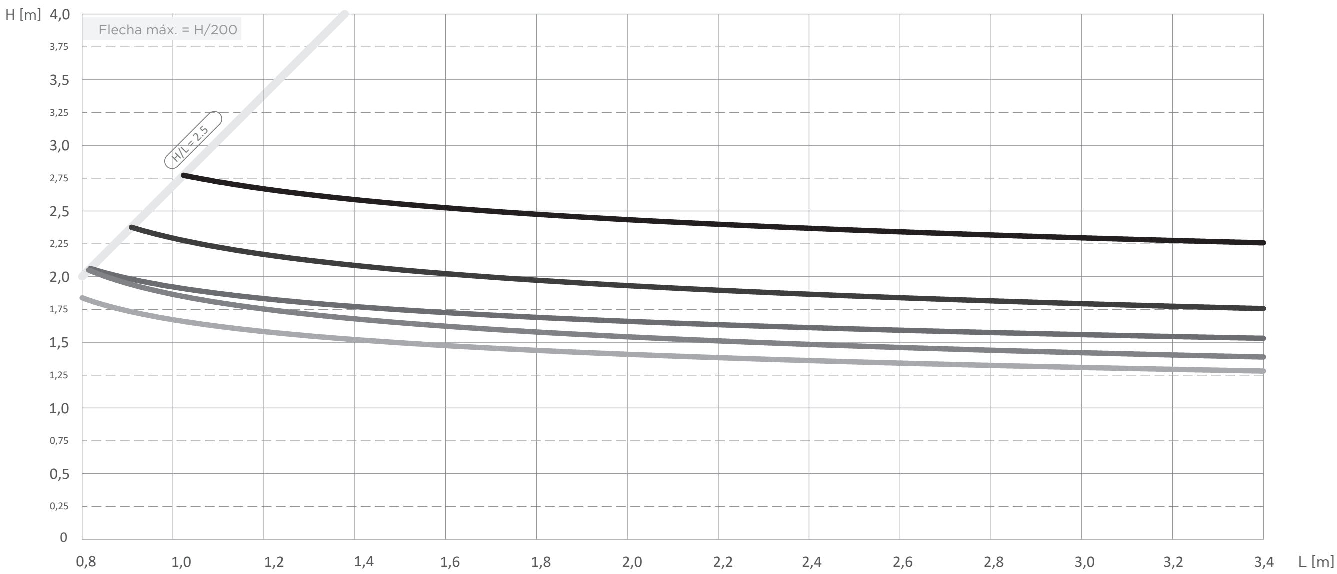
As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculated these and determine the Wind load resistance class for the project. It is recommende not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.

	MAX = 200 kg	L máx. = 2300 mm	H máx. = 2600 mm	H mín. = 600 mm
	MAX = 300 kg	L máx. = 3300 mm	H máx. = 3200 mm	--

LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance

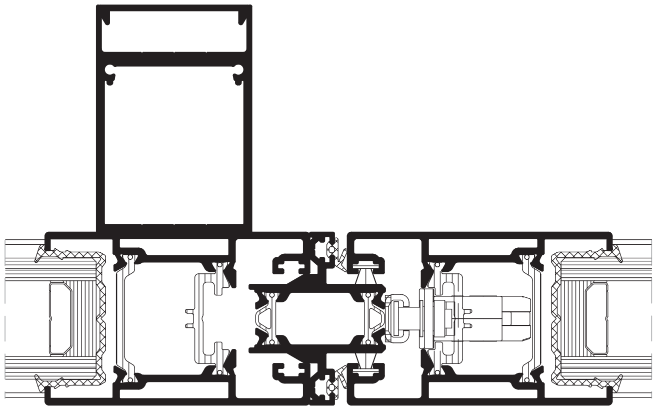


CLASE 1 [400 Pa - 40,77 kg/m² - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m² - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m² - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m² - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m² - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**

LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central 3-4 hoja con refuerzo 7136 | Nó central de 3-4 folhas com reforço 7136 | Nœud central 3-4 vantail avec renfort 7136 | Central node 3-4 sash with 7136 reinforcement



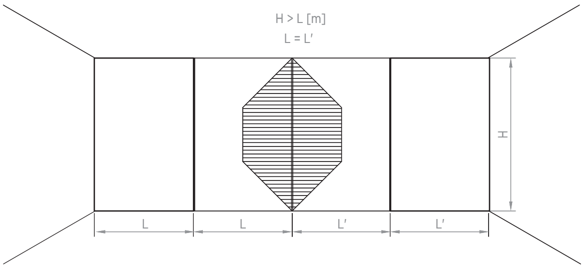
I_x = 113.03 cm^4

Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

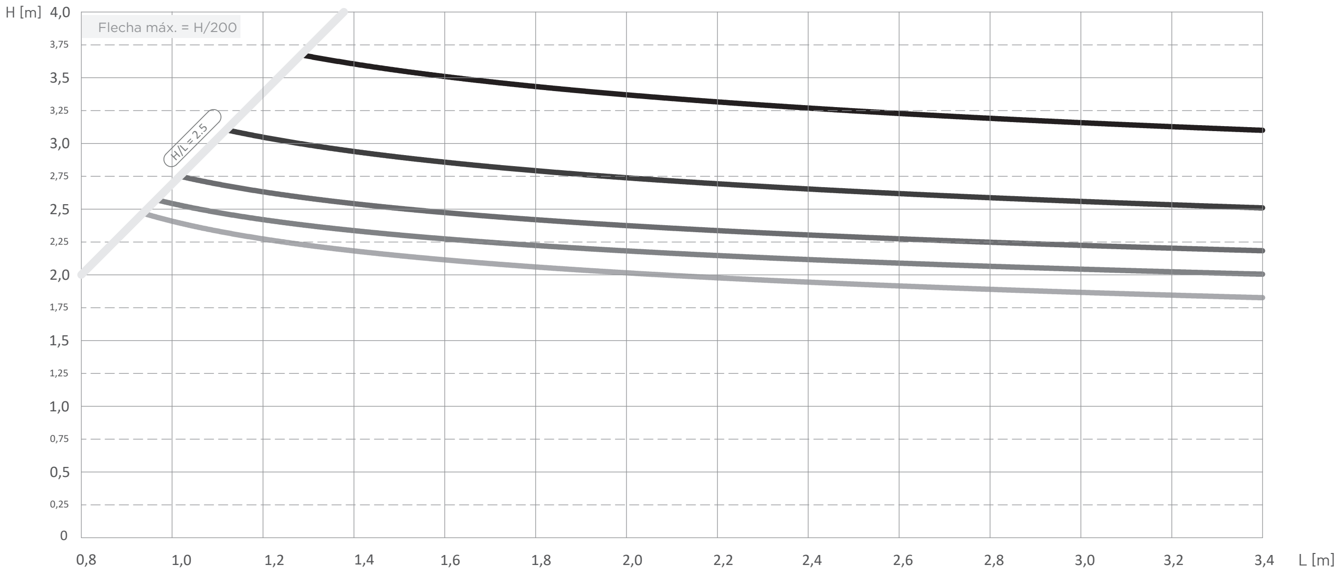
Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculated these and determine the Wind load resistance class for the project. It is recommende not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.



	MAX = 200 kg	L máx. = 2300 mm	H máx. = 2600 mm	H mín. = 600 mm
	MAX = 300 kg	L máx. = 3300 mm	H máx. = 3200 mm	--

LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO

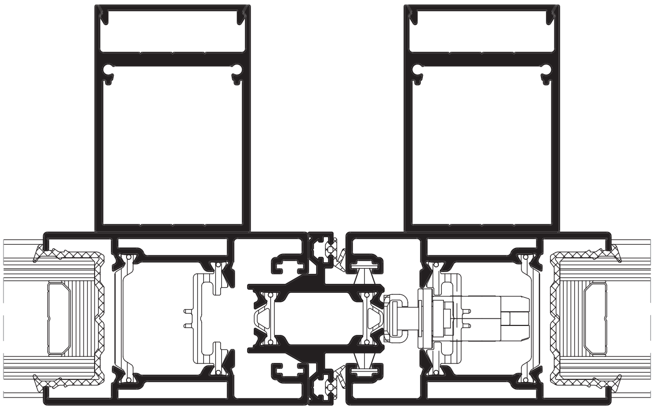
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance



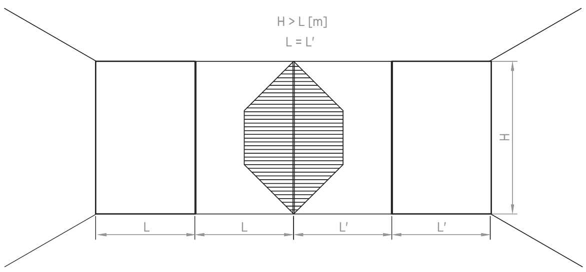
CLASE 1 [400 Pa - 40,77 kg/m² - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m² - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m² - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m² - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m² - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

LÍMITES ESTÁTICOS. **Determinación de la resistencia a la carga de viento según dimensiones de hoja**
LIMITES ESTÁTICOS. Determinação da resistência à carga de vento de acordo com as dimensões da folha
LIMITES STATIQUES. Détermination de la résistance à la charge du vent en fonction des dimensions du vantail
STATIC LIMITS. Determination of wind load resistance according to sash dimensions

Nudo central 3-4 hoja con refuerzos 7136 | Nó central de 3-4 folhas com reforços 7136 | Nœud central 3-4 vantail avec renforts 7136 | Central node 3-4 sash with 7136 reinforcements



$I_x = 190.51\ cm^4$



Las dimensiones de L y H dependen de su proporción y de la presión y succión dinámica del viento por lo que es necesario calcularlas y determinar la Clase de resistencia a la carga de viento en función del proyecto. Es recomendable no superar la proporción 2.5 : 1 para que las hojas puedan maniobrarse con facilidad.

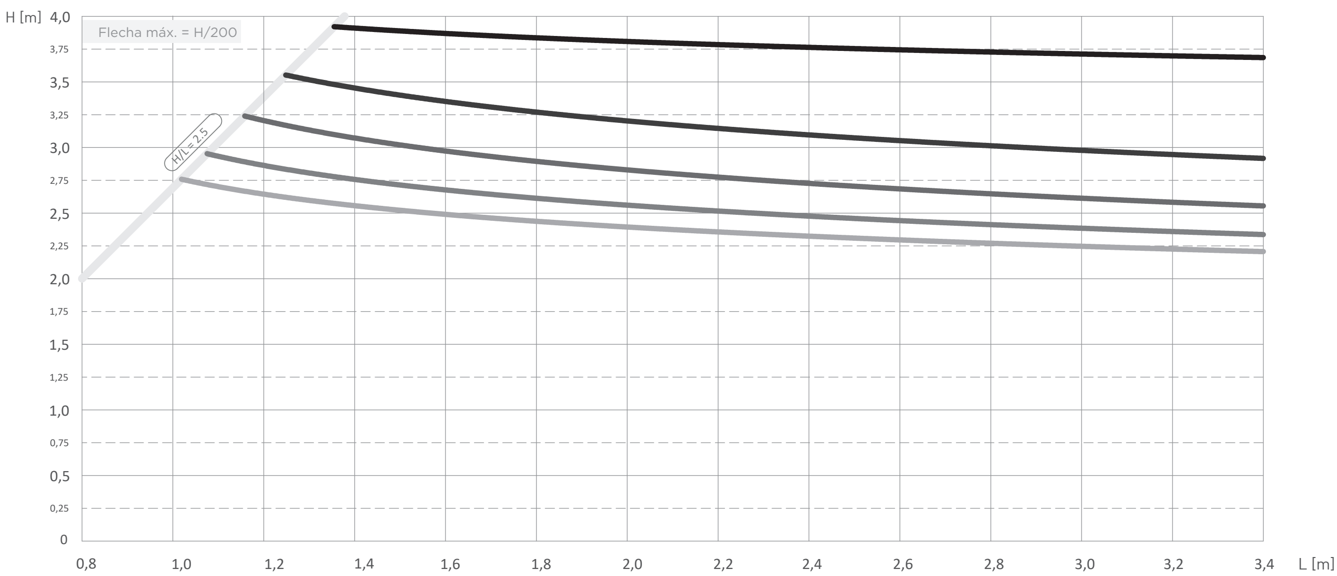
As dimensões de L e H dependem da sua proporção e da pressão e sucção dinâmica do vento, pelo que é necessário calculá-las e determinar a Classe de resistência à carga de vento em função do projeto. É recomendado não exceder a proporção de 2,5 : 1 para que as folhas possam ser manobradas facilmente.

Les dimensions de L et H dépendent de ses proportions ainsi que de la pression et de la succion dynamique du vent. Il est donc nécessaire de les calculer et de déterminer la charge du vent en fonction du projet. Il est recommandé de ne pas dépasser la proportion 2.5 : 1 pour manœuvrer facilement les vantaux.

Dimensions L and H depend on their proportion and on the pressure and dynamic suction of the wind, meaning that it is necessary to calculated these and determine the Wind load resistance class for the project. It is recommende not to exceed the proportion 2.5 : 1 so that the sashes can be handled with ease.

	MAX = 200 kg	L máx. = 2300 mm	H máx. = 2600 mm	H mín. = 600 mm
	MAX = 300 kg	L máx. = 3300 mm	H máx. = 3200 mm	--

LIMITACIONES DIMENSIONALES DE HOJA SEGÚN CLASIFICACIÓN DE RESISTENCIA A LA CARGA DE VIENTO
Limitações dimensionais de folha segundo classificação de resistência à carga de vento
Limites dimensionnelles des vantaux en fonction du classements de la resistance à la charge du vent
Sash dimensions limitations according to classification of wind load resistance



CLASE 1 [400 Pa - 40,77 kg/m² - 92 km/h] **CLASE 2** [800 Pa - 81,55 kg/m² - 130 km/h] **CLASE 3** [1200 Pa - 122,32 kg/m² - 159 km/h]
CLASE 4 [1600 Pa - 163,10 kg/m² - 184 km/h] **CLASE 5** [2000 Pa - 203,87 kg/m² - 206 km/h] **No realizable** | Impraticável | Pas réalisable | Not workable

STRUGAL

STRUGAL **S88RP**

LÍMITES DE ESPESOR DE VIDRIO Y PESO DE HOJA

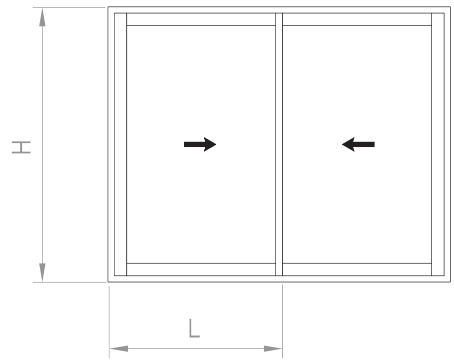
Limites de espessura do vidro e peso da folha

Limites d'épaisseur de vitre et poids de l'ouvrant

Glass thickness limits and sash weight

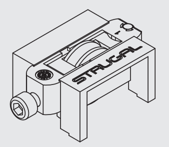
LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja deslizante - Configuración < 80 kg/hoja] - Rodamiento estructura de poliamida | [Folha deslizante - Configuração < 80 kg/folha] - Rolamento de estrutura de poliamida | [Vantail coulissant - Configuration < 80 kg/vantail] - Roulement structure en polyamide | [Sliding sash - Configuration < 80 kg/sash] - Polyamide structure bearing



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3000						8										
2900					9	8										
2800					9	8	8									
2700				10	9	9	8									
2600				11	10	9	8	8								
2500			12	11	10	9	9	8	8							
2400			13	12	11	10	9	8	8							
2300			13	12	11	10	9	9	8	8						
2200		16	14	13	12	11	10	9	9	8	8					
2100		16	15	13	12	11	10	10	9	8	8	8				
2000		17	16	14	13	12	11	10	10	9	8	8	8			
1900	21	18	16	15	14	12	12	11	10	9	9	8	8	8		
1800	22	19	17	16	14	13	12	11	11	10	9	9	8	8	8	
1700	23	20	18	17	15	14	13	12	11	11	10	9	9	8	8	8
1600	25	22	20	18	16	15	14	13	12	11	11	10	10	9	9	8
1500	26	23	21	19	17	16	15	14	13	12	11	11	10	10	9	9
1400	28	25	22	20	19	17	16	15	14	13	12	12	11	10	10	9
1300	30	27	24	22	20	18	17	16	15	14	13	12	12	11	11	10
1200	32	29	26	24	22	20	19	17	16	15	14	14	13	12	12	11
1100	32	32	29	26	24	22	20	19	18	17	16	15	14	13	13	12
1000	32	32	32	29	26	24	22	21	20	18	17	16	16	15	14	13
900	32	32	32	32	29	27	25	23	22	20	19	18	17	16	16	15
800	32	32	32	32	32	30	28	26	25	23	22	21	20	19	18	17

MAX 80kg



RO88RPD

Rodamiento simple regulación, 80 kg/hoja (Estruc. poliamida)
Rolamento simples com regulação, 80 kg/folha (Estrut. poliamida).
Roulement simple réglage, 80kg/vantail (Struct. polyamide).
Single bearing adjustment, 80kg/sash (Polyamide structure).

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

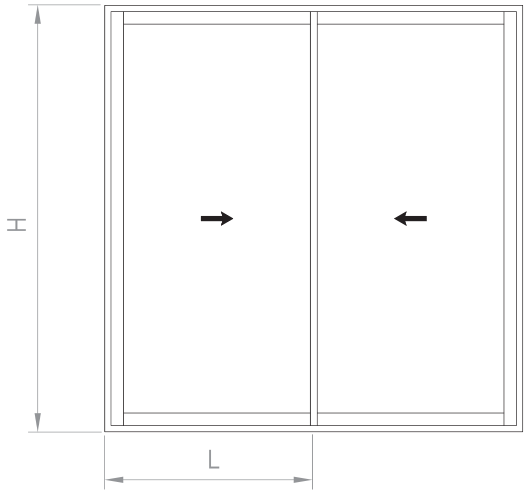
NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A thickness glass calculation of the minimum must also be done to use according to static requirements .

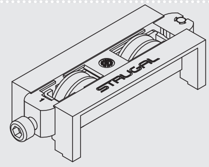
LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja deslizante - Configuración < 200 kg/hoja] - Rodamiento estructura de poliamida | [Folha deslizante - Configuração < 200 kg/folha] - Rolamento de estrutura de poliamida | [Vantail coulissant - Configuration < 200 kg/vantail] - Roulement structure en polyamide | [Sliding sash - Configuration < 200 kg/sash] - Polyamide structure bearing



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3000						20	18	17	16	15	14	14	13	12	12	11
2900					22	21	19	18	17	16	15	14	13	13	12	12
2800					23	21	20	19	17	16	16	15	14	13	12	12
2700				26	24	22	21	19	18	17	16	15	14	14	13	12
2600				27	25	23	21	20	19	18	17	16	15	14	13	13
2500			32	29	26	24	22	21	20	18	17	16	16	15	14	13
2400			32	30	27	25	23	22	20	19	18	18	16	15	15	14
2300			32	31	28	26	24	23	21	20	19	18	17	16	15	15
2200		32	32	32	30	27	25	24	22	21	20	19	18	17	16	15
2100		32	32	32	32	29	27	25	23	22	21	20	19	18	17	16
2000		32	32	32	32	30	28	26	25	23	22	21	20	19	18	17
1900	32	32	32	32	32	32	30	28	26	24	23	23	21	20	19	18
1800	32	32	32	32	32	32	31	29	27	26	24	23	22	21	20	19
1700	32	32	32	32	32	32	32	31	29	27	26	24	23	22	21	20
1600	32	32	32	32	32	32	32	32	31	29	27	26	25	23	22	21
1500	32	32	32	32	32	32	32	32	32	31	29	28	26	25	24	23
1400	32	32	32	32	32	32	32	32	32	32	31	30	28	27	25	24
1300	32	32	32	32	32	32	32	32	32	32	32	32	30	29	27	26
1200	32	32	32	32	32	32	32	32	32	32	32	32	32	32	30	28
1100	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31
1000	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
900	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
800	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

MAX 200kg



RO88TPD

Rodamiento tándem con reg. 200 kg/hoja (Estruc. poliamida)

Rolamento de rolos com regulação 200 kg/folha (estrut. Poliamida).

Roulement double avec réglage 200 kg/vantail (Struct. polyamide).

Double bearing with adjustment 200 kg/sash (Polyamide structure).

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

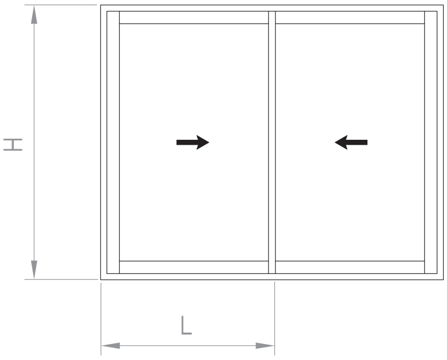
NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A thickness glass calculation of the minimum must also be done to use according to static requirements.

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja deslizante - Configuración < 80 kg/hoja] - Rodamiento estructura de aluminio | [Folha deslizante - Configuração < 80 kg/folha] - Rolamento de estrutura de alumínio | [Vantail coulissant - Configuration < 80 kg/vantail] - Roulement structure en aluminium | [Sliding sash - Configuration < 80 kg/sash] - Aluminium structure bearing



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3000						8										
2900					9	8										
2800					9	8	8									
2700				10	9	9	8									
2600				11	10	9	8	8								
2500			12	11	10	9	9	8	8							
2400			13	12	11	10	9	8	8							
2300			13	12	11	10	9	9	8	8						
2200		16	14	13	12	11	10	9	9	8	8					
2100		16	15	13	12	11	10	10	9	8	8	8				
2000		17	16	14	13	12	11	10	10	9	8	8	8			
1900	21	18	16	15	14	12	12	11	10	9	9	8	8	8		
1800	22	19	17	16	14	13	12	11	11	10	9	9	8	8	8	
1700	23	20	18	17	15	14	13	12	11	11	10	9	9	8	8	8
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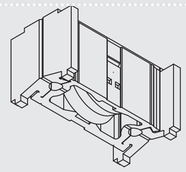
1400	28	25	22	20	19	17	16	15	14	13	12	12	11	10	10	9
1300	30	27	24	22	20	18	17	16	15	14	13	12	12	11	11	10
1200	32	29	26	24	22	20	19	17	16	15	14	14	13	12	12	11
1100	32	32	29	26	24	22	20	19	18	17	16	15	14	13	13	12
1000	32	32	32	29	26	24	22	21	20	18	17	16	16	15	14	13
900	32	32	32	32	29	27	25	23	22	20	19	18	17	16	16	15
800	32	32	32	32	32	30	28	26	25	23	22	21	20	19	18	17

MAX 80kg



RO88AL

Rodamiento simple sin reg. 80 kg/hoja (Estruc. aluminio)

Rolamento simples sem regulação 80 kg/folha (Estrut. alumínio).

Roulement simple sans réglage, 80 kg/vantail (Struct. aluminium).

Single bearing without adj. 80 kg/sash (Aluminium structure).

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

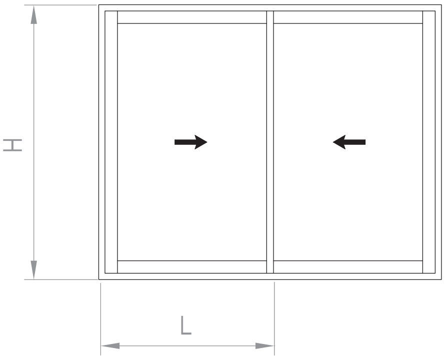
NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A thickness glass calculation of the minimum must also be done to use according to static requirements .

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja deslizante - Configuración < 100 kg/hoja] - Rodamiento estructura de aluminio | [Folha deslizante - Configuração < 100 kg/folha] - Rolamento de estrutura de alumínio | [Vantail coulissant - Configuration < 100 kg/vantail] - Roulement structure en aluminium | [Sliding sash - Configuration < 100 kg/sash] - Aluminium structure bearing



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3000						10	9	8	8							
2900					11	10	9	9	8	8						
2800					11	10	10	9	8	8						
2700				13	12	11	10	9	9	8	8					
2600				14	12	11	10	10	9	9	8	8				
2500			16	14	13	12	11	10	10	9	8	8	8			
2400			16	15	13	12	11	11	10	9	9	8	8			
2300			17	15	14	13	12	11	10	10	9	9	8	8		
2200		20	18	16	15	13	12	12	11	10	10	9	9	8	8	
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1700	29	26	23	21	19	18	16	15	14	13	13	12	11	11	10	9
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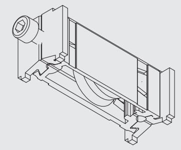
1200	32	32	32	30	27	25	23	22	20	19	18	17	16	15	15	14
1100	32	32	32	32	30	28	26	24	22	21	20	19	18	17	16	15
1000	32	32	32	32	32	30	28	26	25	23	22	21	20	19	18	17
900	32	32	32	32	32	32	31	29	27	26	24	23	22	21	20	19
800	32	32	32	32	32	32	32	32	31	29	27	26	25	23	22	21

MAX 100kg



RO88RAL

Rodamiento simple con reg. 100 kg/hoja (Estruc. aluminio)

Rolamento simples com regulação 100 kg/folha (Estrut. alumínio).

Roulement simple réglage, 100 kg/vantail (Struct. aluminium).

Single bearing adjustment, 100 kg/sash (Alum. structure).

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

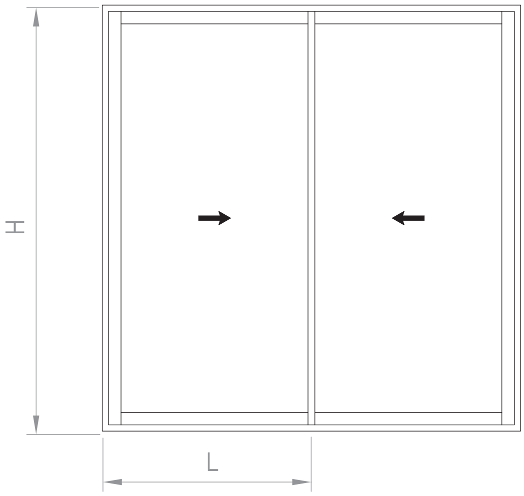
NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A thickness glass calculation of the minimum must also be done to use according to static requirements.

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja deslizante - Configuración < 200 kg/hoja] - Rodamiento estructura de aluminio | [Folha deslizante - Configuração < 200 kg/folha] - Rolamento de estrutura de alumínio | [Vantail coulissant - Configuration < 200 kg/vantail] - Roulement structure en aluminium | [Sliding sash - Configuration < 200 kg/sash] - Aluminium structure bearing



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3000						20	18	17	16	15	14	14	13	12	12	11
2900					22	21	19	18	17	16	15	14	13	13	12	12
2800					23	21	20	19	17	16	16	15	14	13	12	12
2700				26	24	22	21	19	18	17	16	15	14	14	13	12
2600				27	25	23	21	20	19	18	17	16	15	14	13	13
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2400			32	30	27	25	23	22	20	19	18	18	16	15	15	14
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1700	32	32	32	32	32	32	32	31	29	27	26	24	23	22	21	20
1600	32	32	32	32	32	32	32	32	31	29	27	26	25	23	22	21
1500	32	32	32	32	32	32	32	32	32	31	29	28	26	25	24	23
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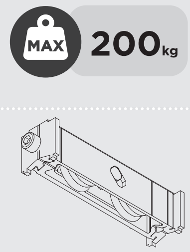
1100	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31
1000	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
900	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
800	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32



RO88TAL

Rodamiento tándem con reg. 200 kg/hoja (Estruc. aluminio).

Rolamento de rolos com regulação 200 kg/folha (Estrut. alumínio).

Roulement double avec réglage 200 kg/vantail (Struct. aluminium).

Double bearing with adjustment, 200 kg/sash (Aluminium structure).

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

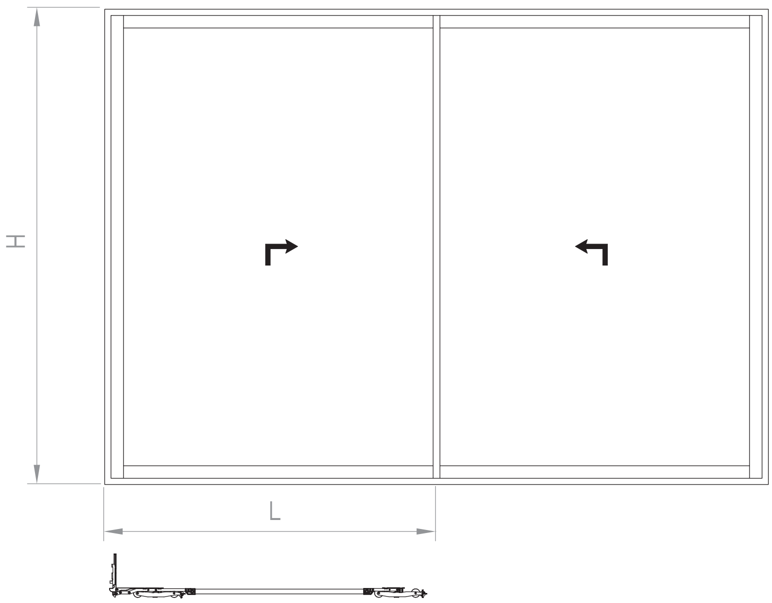
IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A thickness glass calculation of the minimum must also be done to use according to static requirements .

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja elevable - Configuración < 200 kg/hoja] | [Folha elevável - Configuração < 200 kg/folha] | [Vantail à levage - Configuration < 200 kg/vantail] | [Lift and slide sash - Configuration < 200 kg/sash]

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300
3300							17	16	15	14	13	12	12	11	11	10	10									
3200						19	17	16	15	14	14	13	12	11	11	10	10	10								
3100						19	18	17	16	15	14	13	12	12	11	11	10	10								
3000					22	20	18	17	16	15	14	14	13	12	12	11	11	10	10							
2900					22	21	19	18	17	16	15	14	13	13	12	12	11	11	10	10						
2800					23	21	20	19	17	16	16	15	14	13	12	12	11	11	10	10	10					
2700				26	24	22	21	19	18	17	16	15	14	14	13	12	12	11	11	10	10	10				
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2500			32	29	26	24	22	21	20	18	17	16	16	15	14	13	13	12	12	11	11	11	10	10	10	
2400			32	30	27	25	23	22	20	19	18	18	16	15	15	14	13	13	12	12	11	11	11	10	10	10
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1000	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	30	29	28	27	26	25	25	24
900	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31	30	29	28	27	26
800	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31	30

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidiro a utilizar según requisitos estáticos.

NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

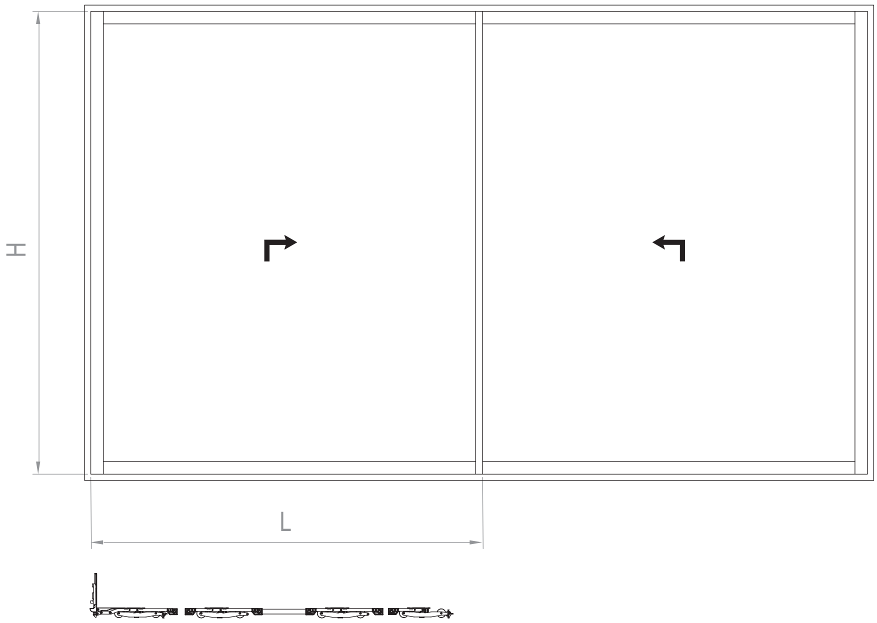
IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A calculation must also be done of the minimum glass thickness to use according to static requirements.

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

[Hoja elevable - Configuración 200-300 kg/hoja] | [Folha elevável - Configuração 200-300 kg/folha] | [Vantail à levage - Configuration 200-300/vantail] | [Lift and slide sash - Configuration 200-300 kg/sash]

Relación de esbeltez **H/L > 2.5**
Índice de esbeltez H/L > 2.5
Relation de sveltesse H/L > 2.5
Slimness relationship H/L > 2.5

Configuración **no realizable**
Configuração não realizável
configuration non faisable
Not feasable set up



H[mm] \ L [mm]	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300
3300							25	24	22	21	20	19	18	17	16	15	15	14	13	13	12	12	12			
3200						28	26	25	23	22	20	19	18	17	17	16	15	15	14	13	13	12	12	12		
3100						29	27	25	24	22	21	20	19	18	17	16	16	15	14	14	13	13	12	12	12	
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2700				32	32	32	31	29	27	26	24	23	22	21	20	19	18	17	17	16	15	15	14	14	13	13
2600				32	32	32	32	30	28	27	25	24	23	21	20	20	19	18	17	17	16	15	15	14	14	13
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2200		32	32	32	32	32	32	32	32	32	30	28	27	25	24	23	22	21	20	20	19	19	18	17	17	16
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1000	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
900	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
800	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

NOTA IMPORTANTE: Deben tenerse en cuenta los límites estáticos según las cargas de viento y la configuración utilizada para el nudo central. Ver páginas 7-13. Además, debe realizarse un cálculo del espesor mínimo del vidrio a utilizar según requisitos estáticos.

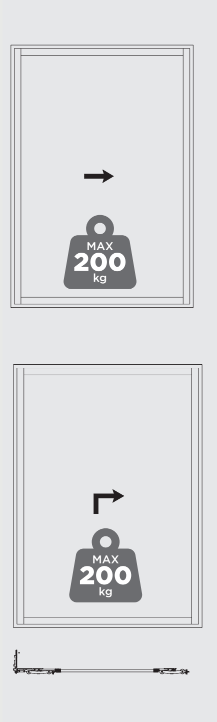
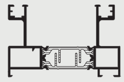
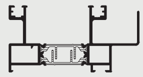
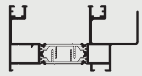
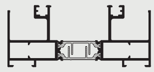
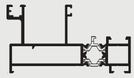
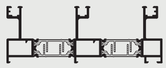
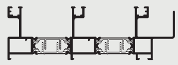
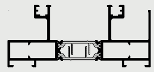
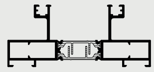
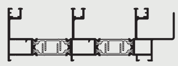
NOTA IMPORTANTE: Devem ser levados em consideração os limites estáticos de acordo com as cargas de vento e a configuração utilizada para o nó central. Ver páginas n.º 7-13 . Além disso, deve realizar-se um cálculo da espessura mínima do vidro a utilizar de acordo com requisitos estáticos.

NOTE IMPORTANTE : Tenir compte des limites statiques en fonction des charges du vent et de la configuration utilisée pour le nœud central. Voir page n°7-13. Réaliser également un calcul de l'épaisseur minimale du vitrage à utiliser en fonction des conditions statiques.

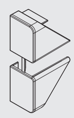
IMPORTANT NOTE: The static limits for the wind loads and the configuration used for the central node must be taken into account. See pages 7-13. A calculation must also be done of the minimum glass thickness to use according to static requirements.

LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

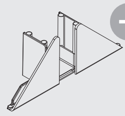
Compatibilidad de marcos segun peso de hoja | Compatibilidade do aro de acordo com o peso da folha | Compatibilité des dormants selon le poids de l'ouvrant | Suitable frames according to sash weight

APERTURAS | Aberturas | Ouverture | Opening	REFERENCIA | Referencia Référence | Reference		ACCESORIOS Acessórios Accessoires Fittings
	9200*(1)		 POL48X5
	R6995		
	9207*		
	9412*		
	R6996		
	9430*(1)		
	9431*(1)		
	9410*(2)		
	9411(*2)		
	9438*		

(1)

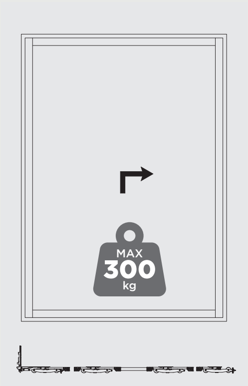
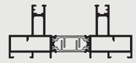
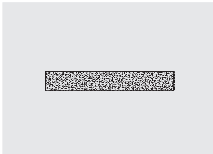
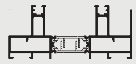
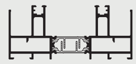
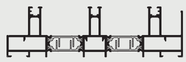
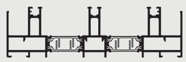
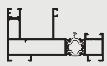
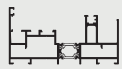
9200 + 9201	 **TPRC88**
9430 + 9431	

(2)

9410 + 9411	 **TPRC88R**
9413 + 9414	

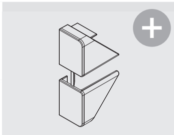
LÍMITES DE ESPESOR DE VIDRIO | Limites de espessura do vidro | Limites d'épaisseur du vitrage | Glass thickness limits

Compatibilidad de marcos segun peso de hoja | Compatibilidade do aro de acordo com o peso da folha | Compatibilité des dormants selon le poids de l'ouvrant | Suitable frames according to sash weight

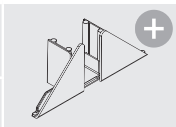
APERTURAS | Aberturas | Ouverture | Opening	REFERENCIA | Referencia Référence | Reference		ACCESORIOS Acessórios Accessoires Fittings
	9413*(2)		 POL34X5
	R6992(2)		
	9415*		
	9416*		
	9417*		
	9209*		
	9210*		

* No es compatible con POL34x5

(1)

9200 + 9201	 TPRC88
9430 + 9431	

(2)

9410 + 9411	 TPRC88R
9413 + 9414	

STRUGAL **S88RP**

RELACIÓN DE PERFILES

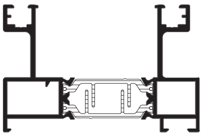
Relação de perfis

Liste de profilés

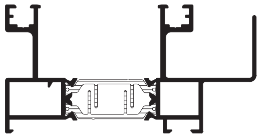
List of profiles

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

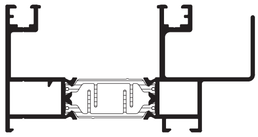
Marcos | Aros | Dormants | Frames



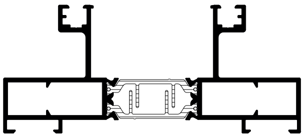
9200*
pág. 39



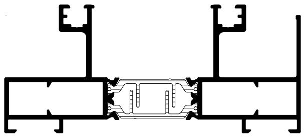
R6995
pág. 39



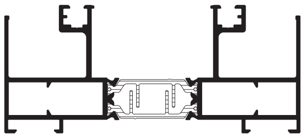
9207*
pág. 40



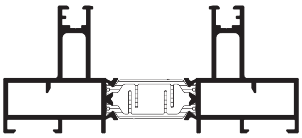
9411*
pág. 40



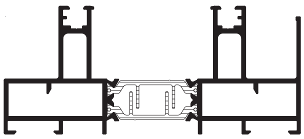
9410*
pág. 41



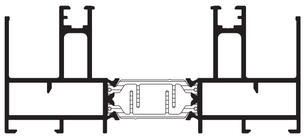
9412*
pág. 41



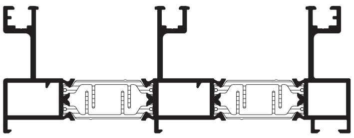
9413*
pág. 42



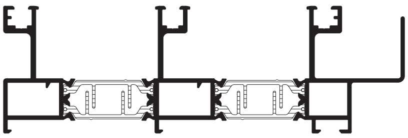
R6992
pág. 42



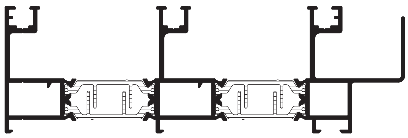
9415*
pág. 43



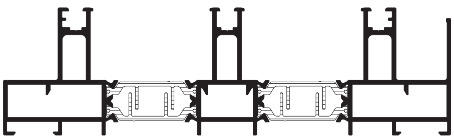
9430*
pág. 43



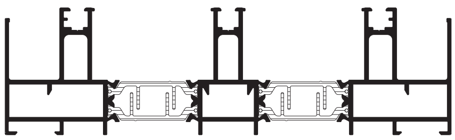
9431*
pág. 44



9438*
pág. 44



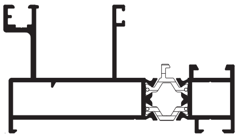
9416*
pág. 45



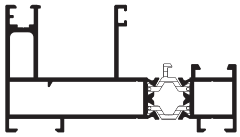
9417*
pág. 45

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

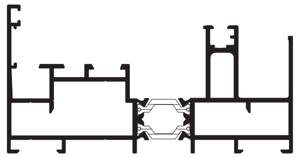
Marcos | Aros | Dormants | Frames



R6996
pág. 46



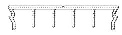
9209*
pág. 46



9210*
pág. 47

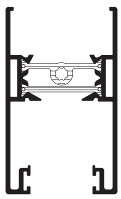
7322
pág. 48

EX88M
pág. 48

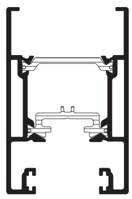


EX88CM
pág. 48

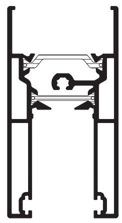
Hojas | Folhas | Ouvrants | Sashes



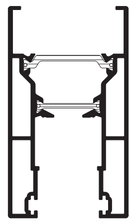
R6993
pág. 49



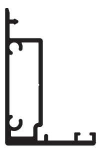
R6994
pág. 49



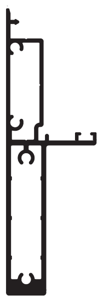
R6990
pág. 50



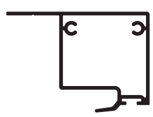
R6991
pág. 50



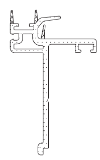
7316
pág. 51



7328
pág. 51



7327*
pág. 52



EX88C
pág. 52

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

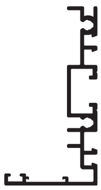
Tapas | Tampas | Capots | Covers

7347*
pág. 53

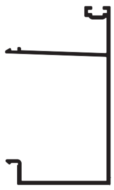
7321
pág. 53

7320*
pág. 53

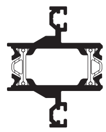
Complementos | Complementos | Compléments | Complements



7330*
pág. 54



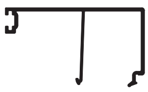
7329*
pág. 54



9208*
pág. 54

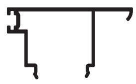
4942*
pág. 54

7325
pág. 55



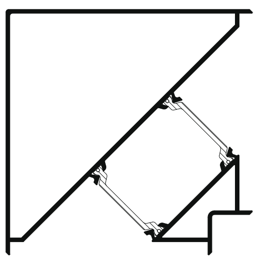
7326
pág. 55

70028
pág. 55

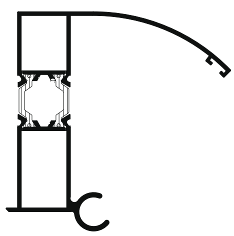


7500*
pág. 55

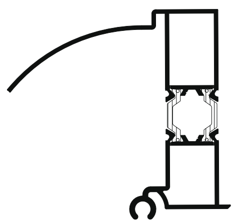
Esquineros | Cantos | Coin | Corner piece



9021*
pág. 56



9019*
pág. 57



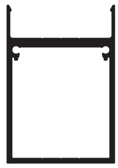
9020*
pág. 57

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Refuerzos | Reforços | Renforts | Reinforcements


4836*
pág. 58


4520*
pág. 58


7136*
pág. 58


5503*
pág. 58

Baberos | Babero | Profilé d'habillage | Edgings


4470*
pág. 59


4469*
pág. 59


7340*
pág. 60


7377*
pág. 60


7378*
pág. 60


7379*
pág. 60

Solapes | Remates | Couvre joint | Joint covers


4574
pág. 61


4575
pág. 61


4576*
pág. 61


7151
pág. 61


7188
pág. 61

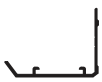

7480*
pág. 61


7187*
pág. 62


7196*
pág. 62


7386*
pág. 62

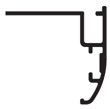

7186*
pág. 62


4829*
pág. 62

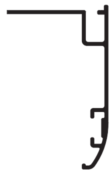
RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Solapes para registro catalán | Remate para tampa de estore frontal | Couvre joint frontal | Frontal profile joint cover

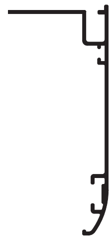
4570*
pág. 63



4571*
pág. 63



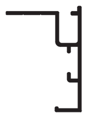
4572*
pág. 63



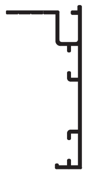
4569*
pág. 63

7433*
pág. 64

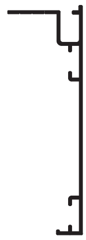
7434*
pág. 64



7437*
pág. 64

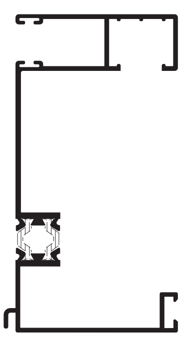


7438*
pág. 64

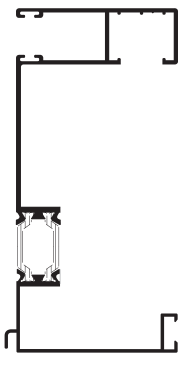


7439*
pág. 64

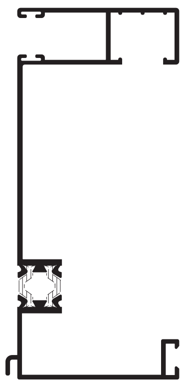
Guías | Guias | Coulisses | Shutter guide



6503*
pág. 65

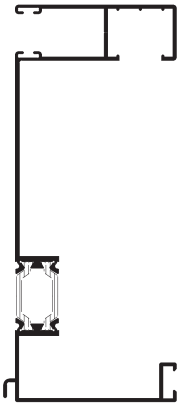


6508*
pág. 65



6502*
pág. 66

Guías | Guias | Coulisses | Shutter guide



6505*
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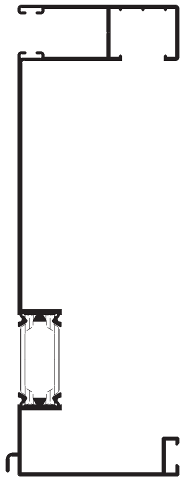
6501*
pág. 67



6509*
pág. 67

866
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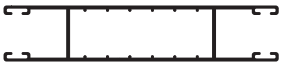
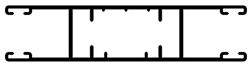
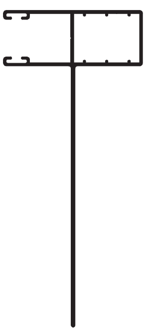


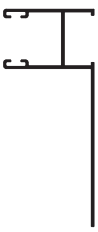
10029*
pág. 68



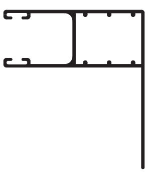
7202*
pág. 68



954*
pág. 69

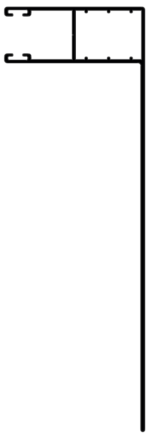


7426*
pág. 69



867*
pág. 70

865*
pág. 70



7387*
pág. 71

7482*
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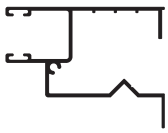
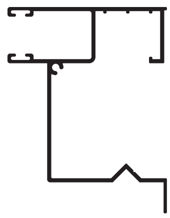
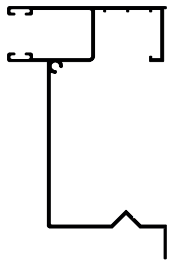
Guías | Guias | Coulisses | Shutter guide



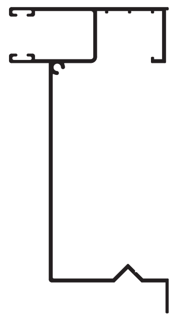
7373*
pág. 72



7374*
pág. 72

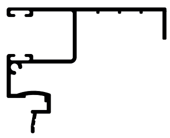


7375*
pág. 73



7376*
pág. 73

7064*
pág. 75



7392*
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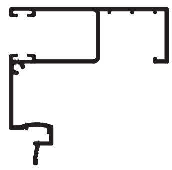
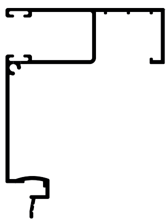
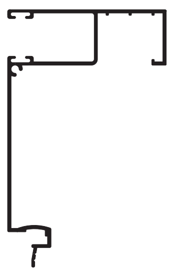


7513*
pág. 74



7393*
pág. 74



7394*
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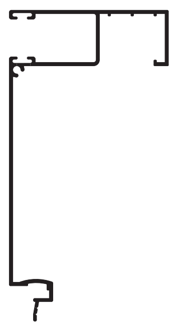

7395*
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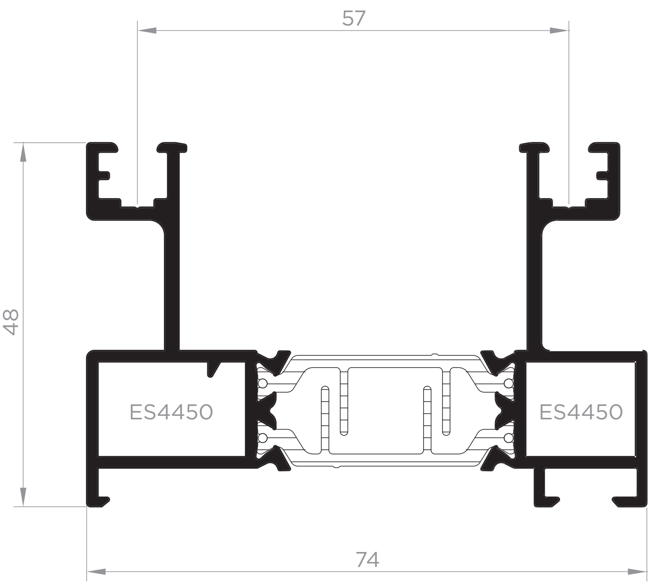
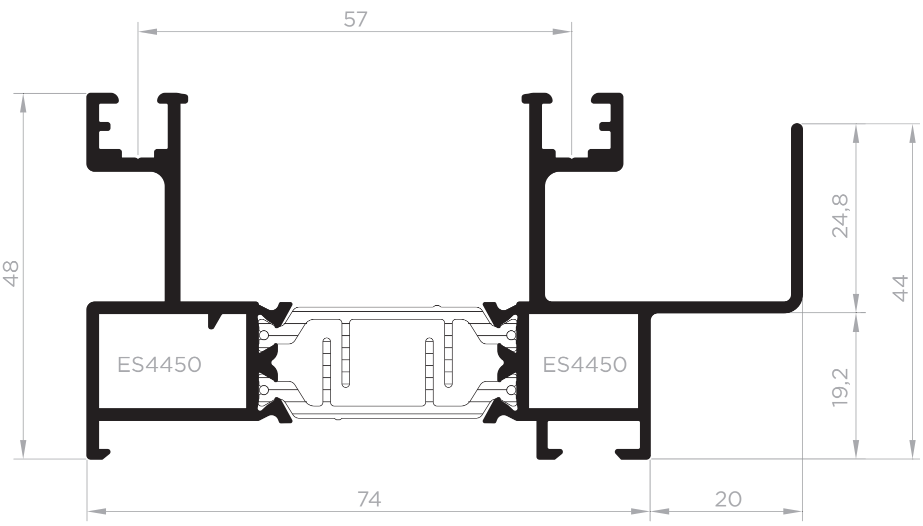
RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Marcos | Aros | Dormants | Frames



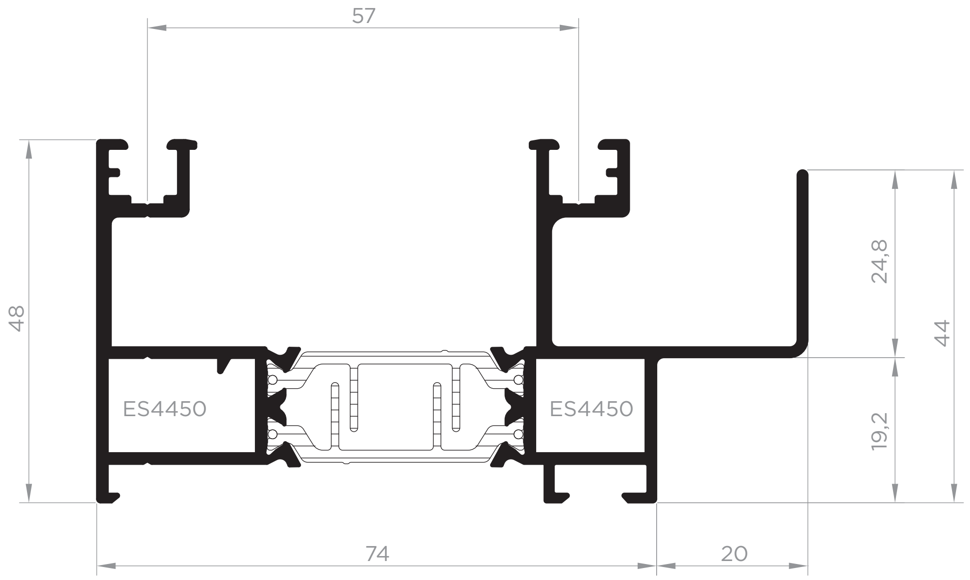
9200*	Ix (cm⁴): 9,26	Iy (cm⁴): 33,32
Marco perimetral 74 mm.		
Aro perimetral 74 mm.		
Dormant périmetral 74 mm.		
74 mm perimeter frame.		



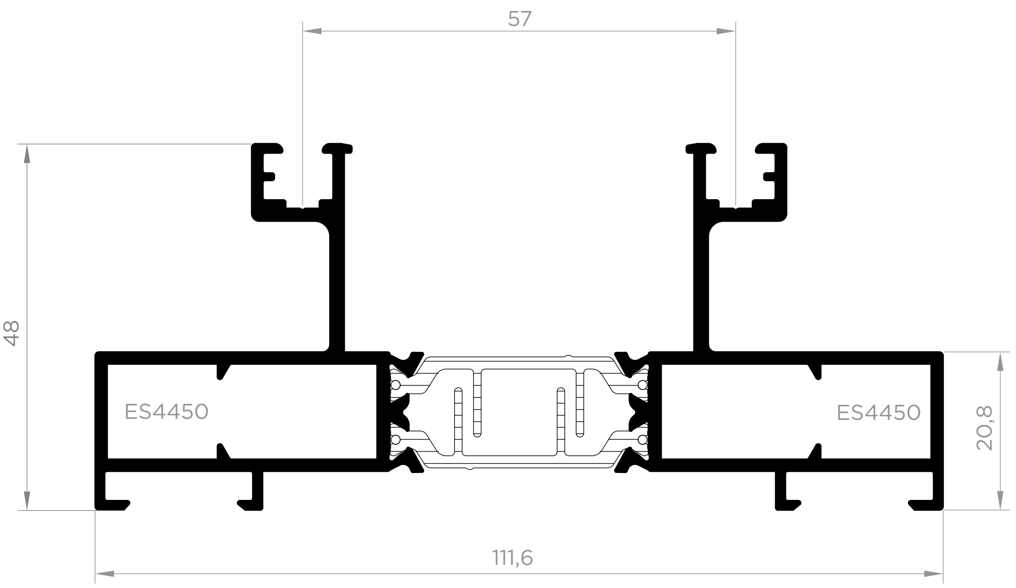
R6995	Ix (cm⁴): 9,78	Iy (cm⁴): 48,01
Marco perimetral 74 mm RC.		
Aro perimetral 74 mm RC.		
Dormant périmétral 74 mm RC.		
Condensation collection 74 mm perimeter frame.		

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Marcos | Aros | Dormants | Frames

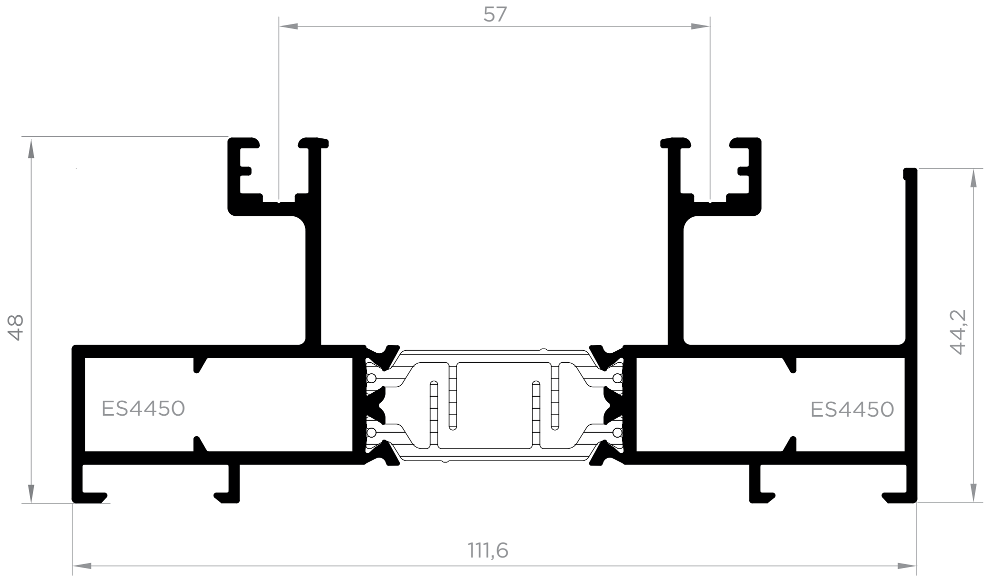


9207*	**Ix (cm⁴):** 9,72	**Iy (cm⁴):** 50,38
Marco perimetral galandage.		
Aro perimetral de galandage.		
Dormant périmétral à galandage.		
Pocket perimeter frame.		

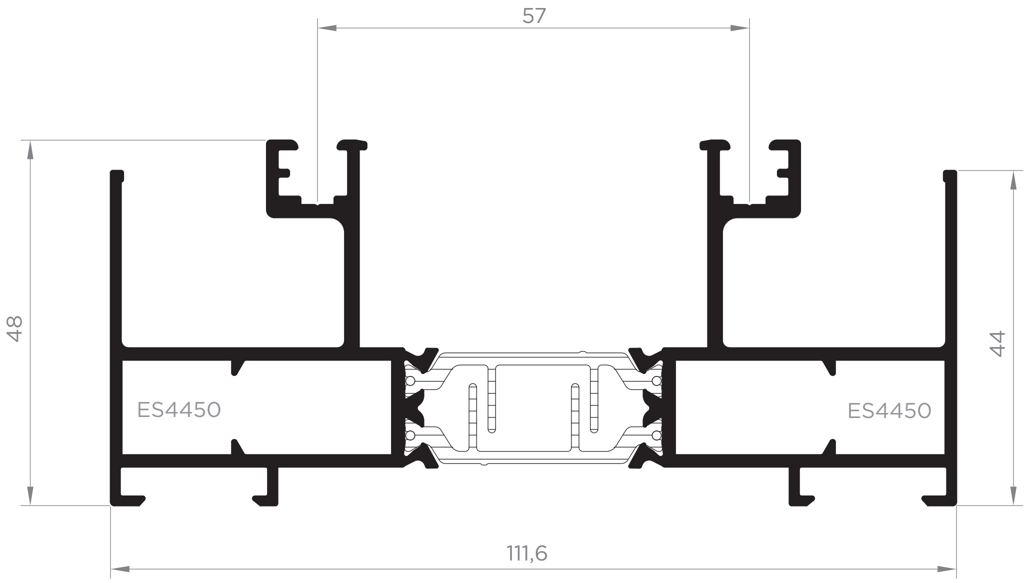


9411*
Marco perimetral 112 mm
Aro perimetral de 112 mm.
Dormant périmétral 112 mm.
112 mm perimeter frame.

Marcos | Aros | Dormants | Frames



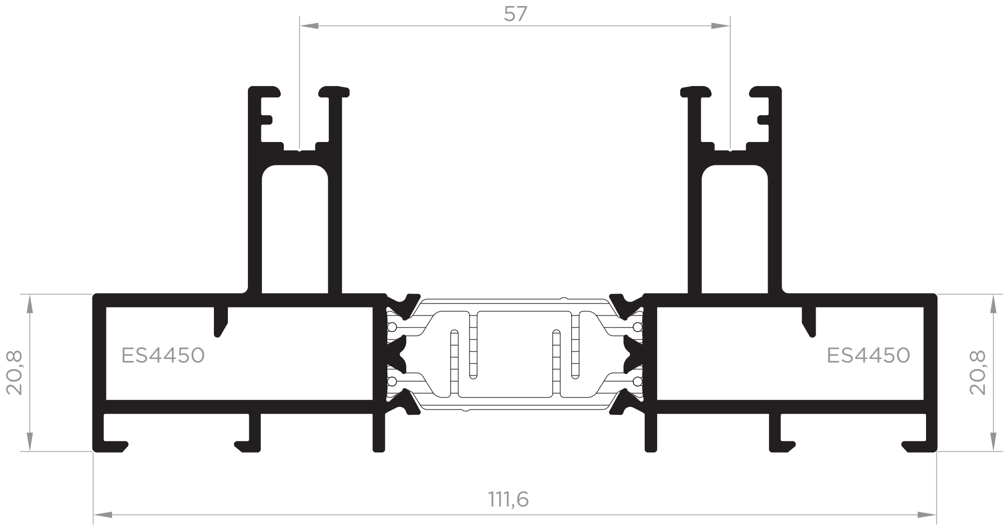
9410*
Marco perimetral 112 mm RC.
Marco perimetral 112 mm RC.
Dormant périmetral 112 mm RC.
112 mm perimeter condensation collection frame.



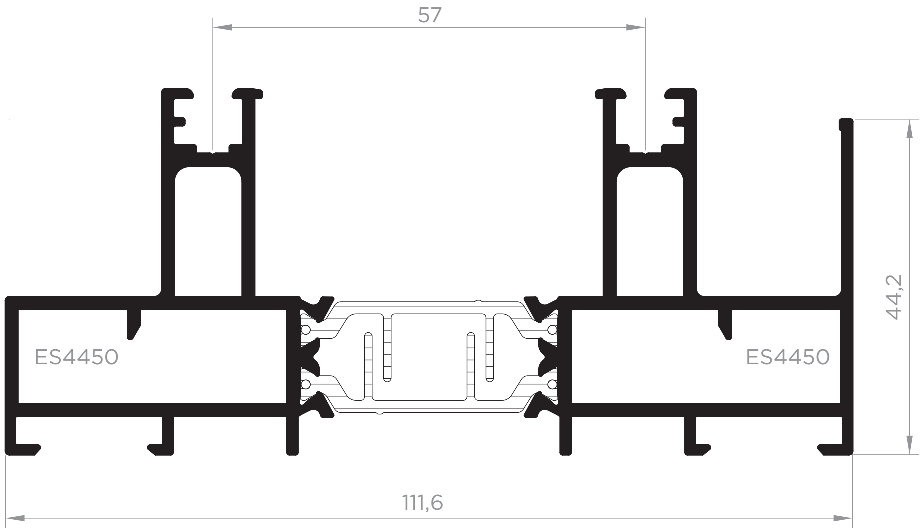
9412*	**Ix (cm^4):** 12,57	**Iy (cm^4):** 93,54
Marco perimetral de embutir.		
Aro perimetral de embutir.		
Dormant périmétral à encastrer.		
Perimeter frame to embed.		

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Marcos | Aros | Dormants | Frames



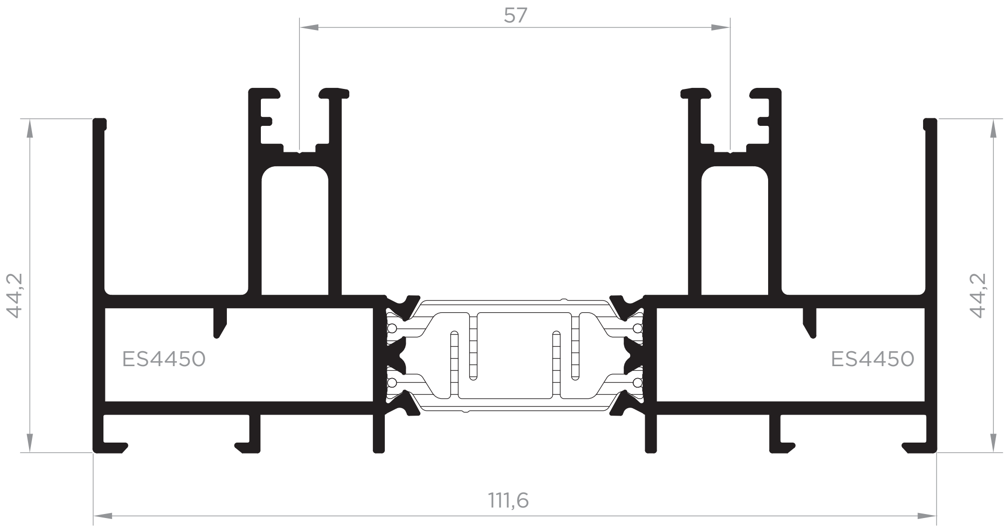
9413*	**Ix (cm⁴):** 12,24	**Iy (cm⁴):** 80,82
Marco perimetral 112 mm reforzado.		
Marco perimetral 112 mm reforzado.		
Dormant périmetral 112 mm renforcé.		
112 mm perimeter renforced frame.		



R6992	**Ix (cm⁴):** 12,87	**Iy (cm⁴):** 90,15
Marco perimetral 112 mm recoge condensación reforzado.		
Aro perimetral 112 mm recolha da condensação reforzado.		
Dormant périmetral 112 mm anti-condensation renforcé.		
112 mm perimeter and condensation collector frame renforced.		

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Marcos | Aros | Dormants | Frames



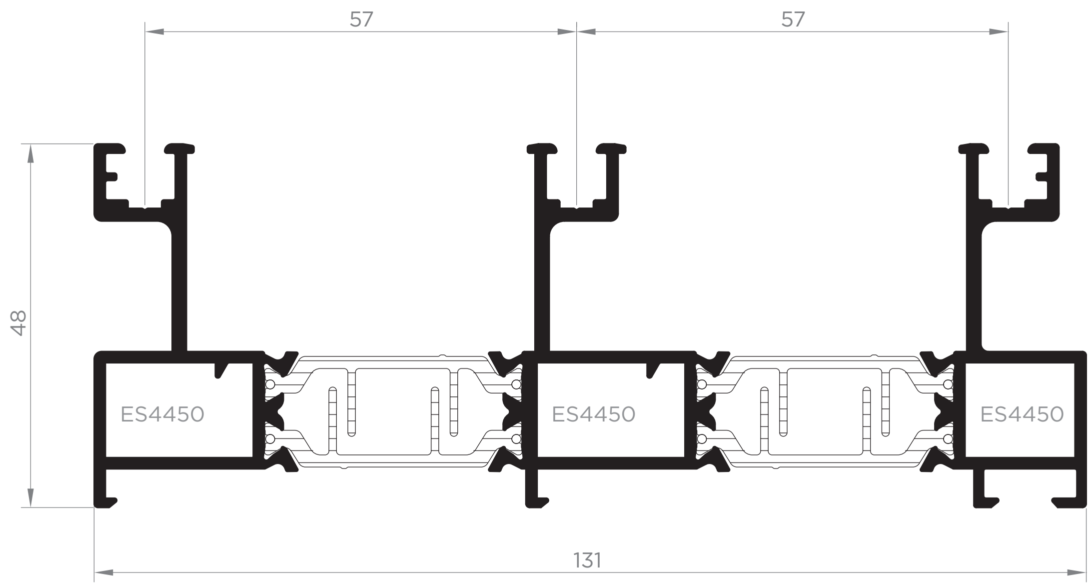
9415*	Ix (cm⁴): 13,47	Iy (cm⁴): 100,37

Marco perimetral 112 mm RC de embutir reforzado.

Aro perimetral 112 mm RC de embutir reforzado.

Dormant périmetral 112 mm RC à encastrer renforcé.

112 mm perimeter and condensation collection frame to embed reinforced.



9430*	Ix (cm⁴): 13,92	Iy (cm⁴): 139,61

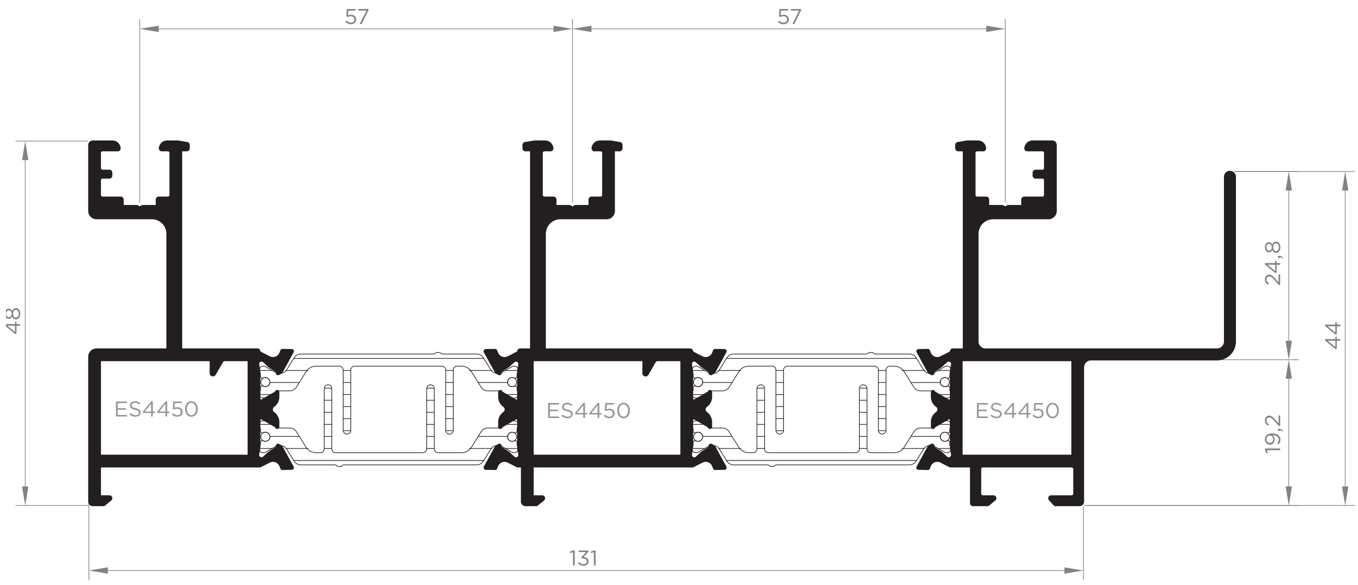
Marco tricarril.

Aro carril triplo.

Dormant trois rails.

Triple-rail frame.

Marcos | Aros | Dormants | Frames



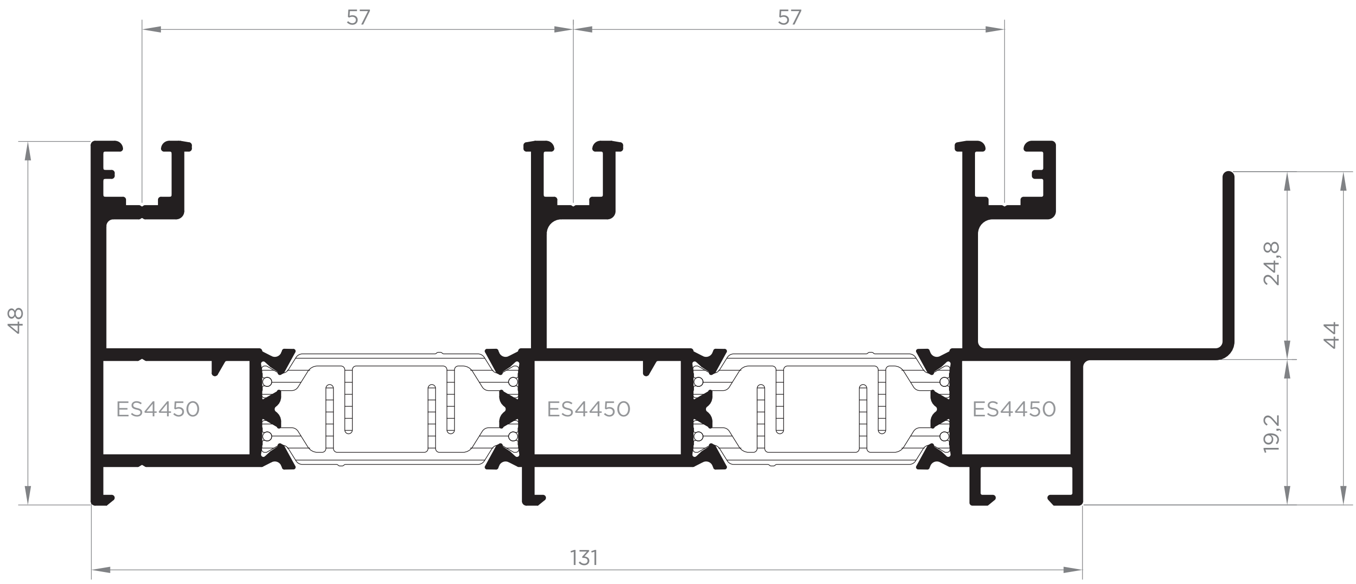
9431*	Ix (cm⁴): 14,43	Iy (cm⁴): 175,95

Marco tricarril RC.

Aro carril triplo RC.

Dormant trois rails RC.

Condensation collector frame and triple-rail.



9438*	Ix (cm⁴): 14,41	Iy (cm⁴): 180,08

Marco tricarril galandage RC.

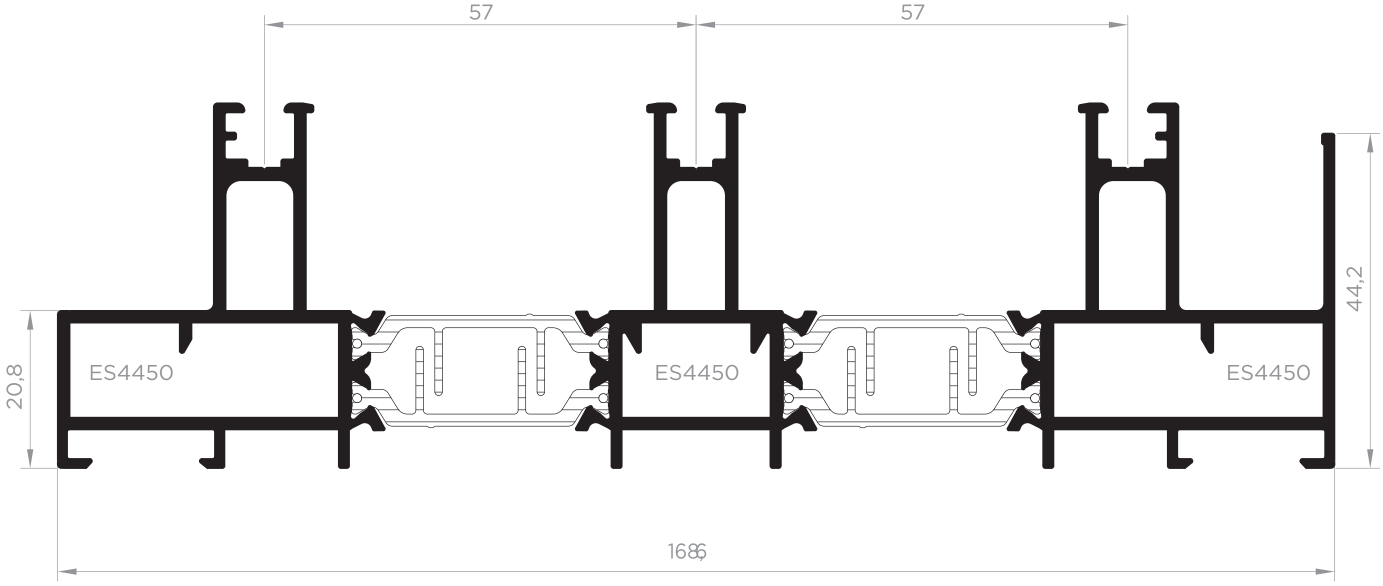
Aro carril triplo Galandage RC.

Dormant trois rails à galandage RC.

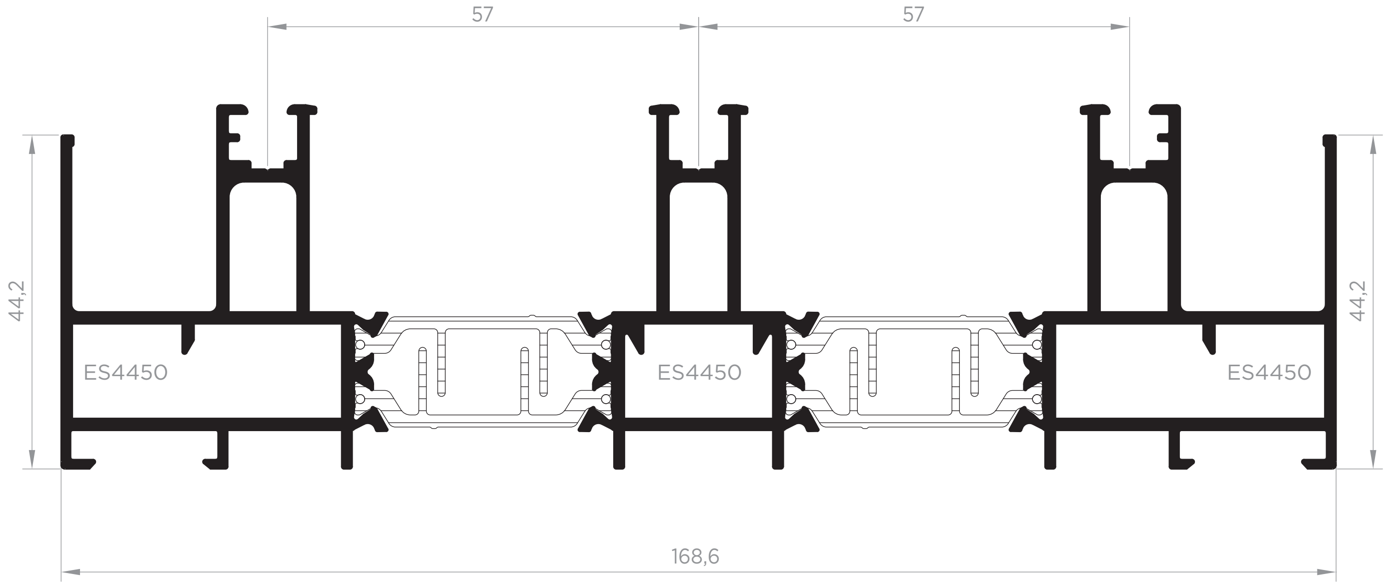
Condensation collection pocket triple-rail frame.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Marcos | Aros | Dormants | Frames

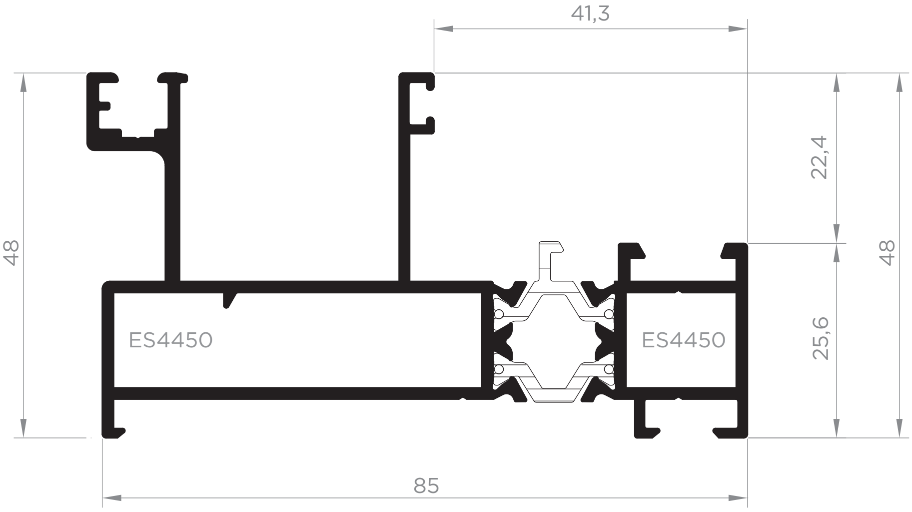


9416*
Marco tricarril reforzado con recoge condensaciones (RC).
Aro carril triplo reforçado com recolha de condensação (RC).
Cadre trois rails renforcé avec récupération condensation (RC).
Reinforced triple-rail casement with condensation collector.

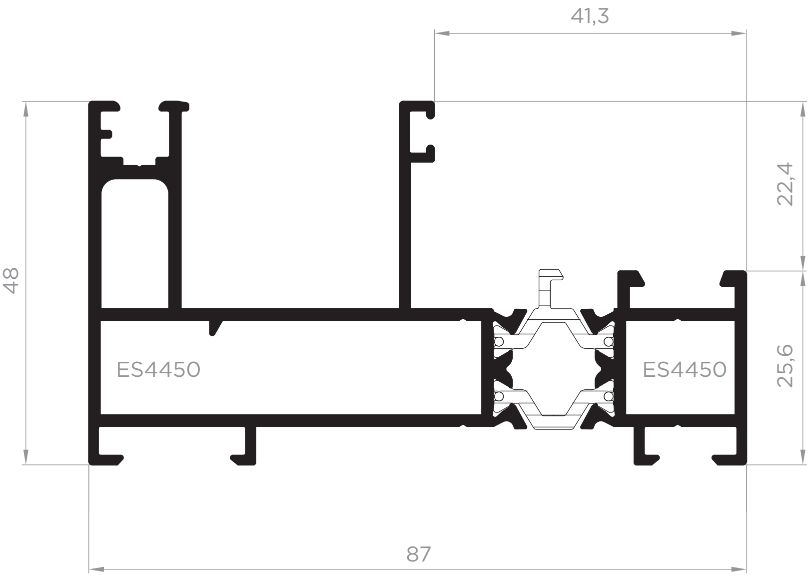


9417*
Marco tricarril reforzado de embutir
Aro carril triplo reforçado de embutir.
Cadre trois rails d'emboîtement renforcé.
Reinforced triple-rail casement in embedded.

Marcos | Aros | Dormants | Frames

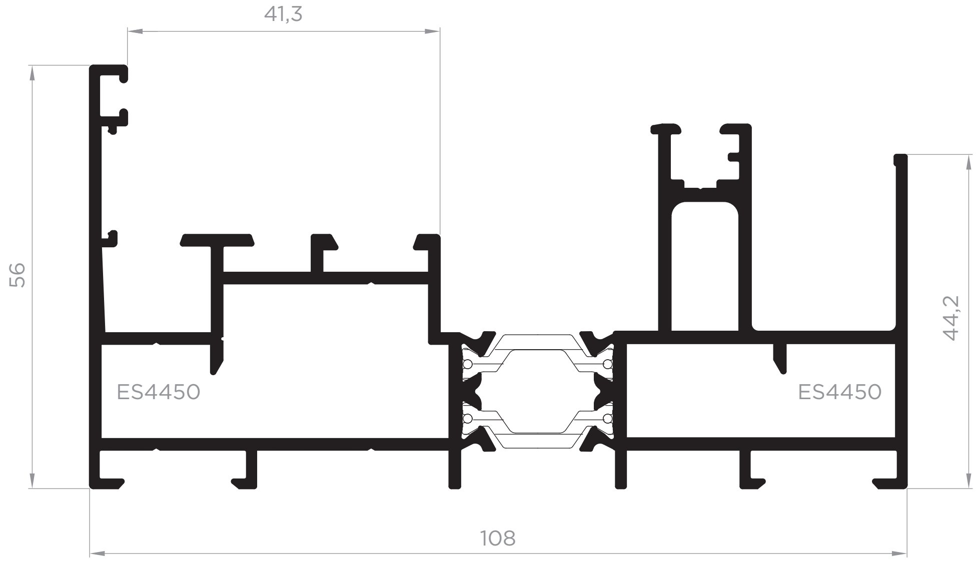


R6996	Ix (cm⁴): 8,62	Iy (cm⁴): 41,67
Marco perimetral monocarril.		
Aro perimetral de carril simples.		
Dormant périmétral monorail.		
Monorail perimeter frame.		



9209*
Marco perimetral monocarril reforzado.
aro perimetral de carril simples reforçado.
Dormant périmétral monorail capot renforcé.
Reinforced perimeter frame monorail.

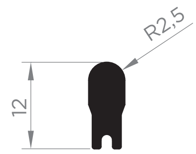
Marcos | Aros | Dormants | Frames



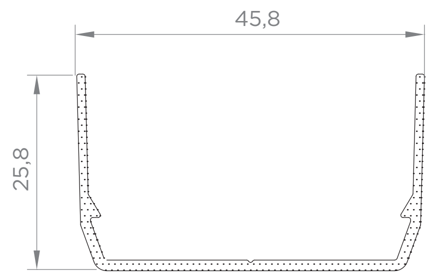
9210*
Marco monocarril reforzado. Hoja interior.
Aro de carril simples reforçado. Folha interior.
Dormant monorail capot renforcé. Ouvrant intérieur.
Reinforced single-rail frame. Internal sash.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

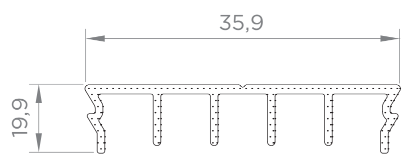
Marcos | Aros | Dormants | Frames



7322
Raíl de aluminio.
Calha de alumínio.
Rail en aluminium.
Aluminium rail.



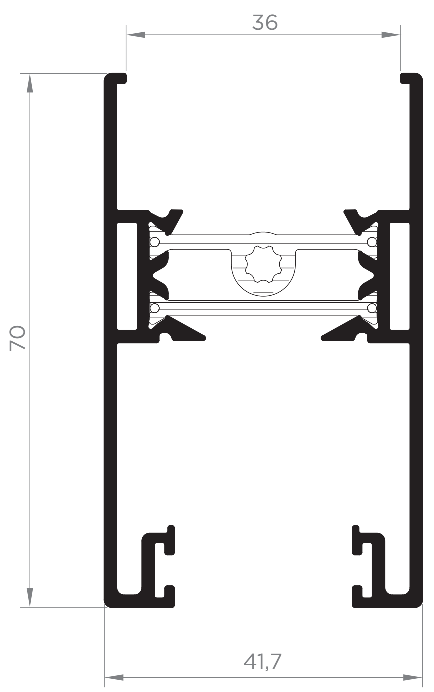
EX88M
Perfi l "U" entre railes marco.
Perfi l em "U" entre as calhas do aro.
Profi l "U" entre rails dormant.
"U" profi le between rails of the frame.

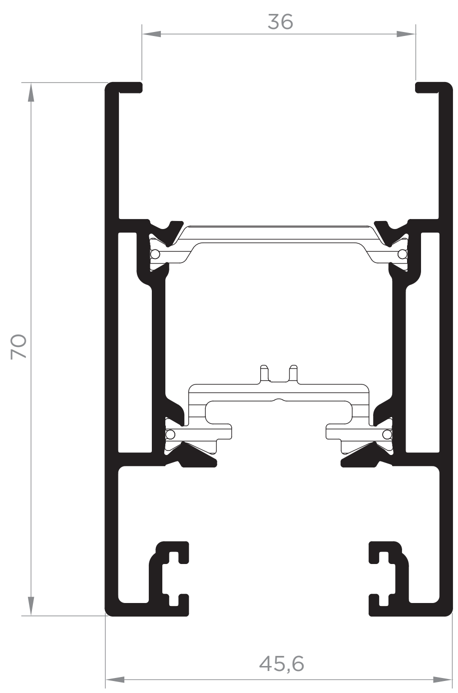


EX88CM
Perfil complento "U".
Perfil complemento em "U".
Profil complément "U".
"U" accessory profile.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Hojas | Folhas | Ouvrants | Sashes

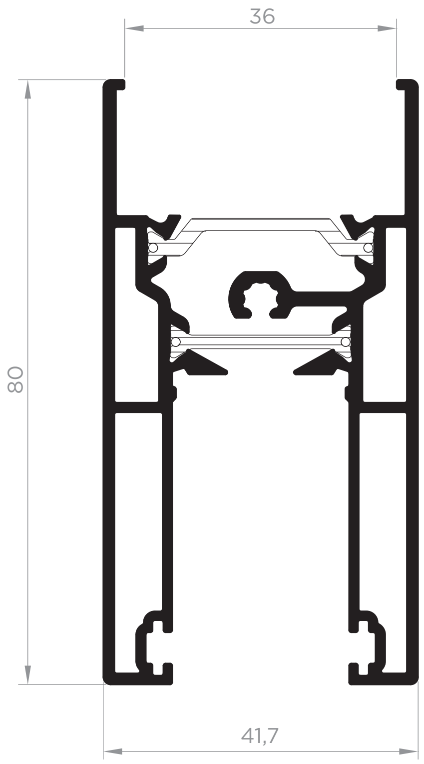


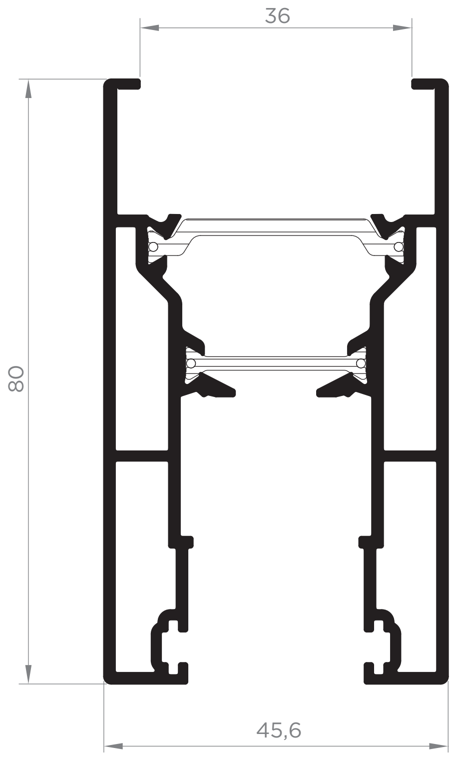


R6993	**Ix (cm⁴):** 16,55	**Iy (cm⁴):** 13,24
Hoja ruedas deslizante.		
Folha de rodas deslizante.		
Ouvrant roulettes coulissant.		
Sliding wheels sash.		

R6994	**Ix (cm⁴):** 18,84	**Iy (cm⁴):** 17,78
Hoja lateral deslizante		
Folha lateral deslizante.		
Ouvrant latéral coulissant.		
Sliding side sash.		

Hojas | Folhas | Ouvrants | Sashes

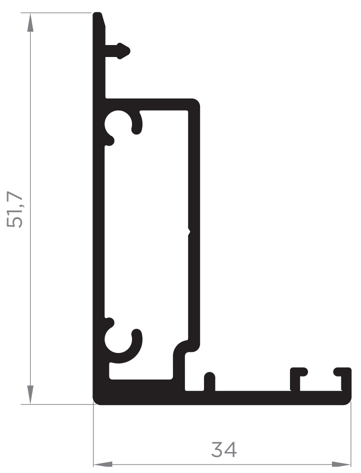


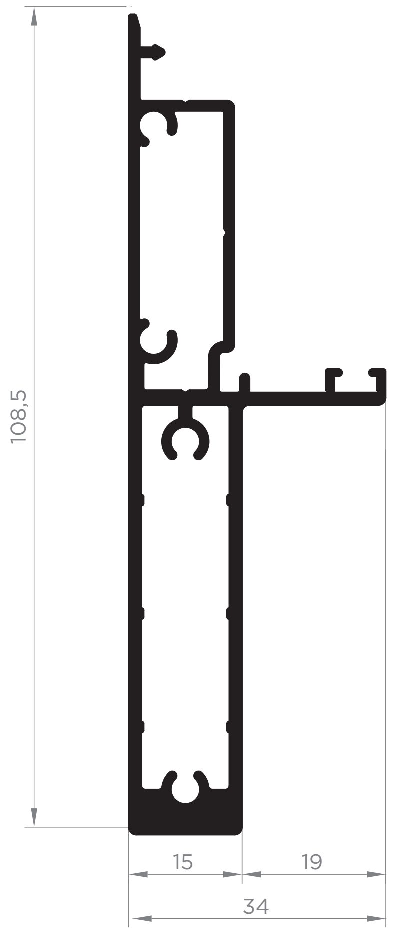


R6990	Ix (cm⁴): 26,77	Iy (cm⁴): 15,68
Hoja ruedas elevable.		
Folha de rodas elevável.		
Ouvrant roulette à levage.		
Lifting wheels sash.		

R6991	Ix (cm⁴): 28,08	Iy (cm⁴): 19,08
Hoja lateral elevable.		
Folha lateral elevável.		
Ouvrant latéral à levage.		
Lifting side sash.		

Hojas | Folhas | Ouvrants | Sashes

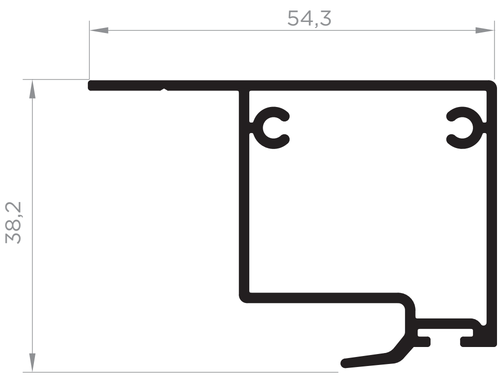




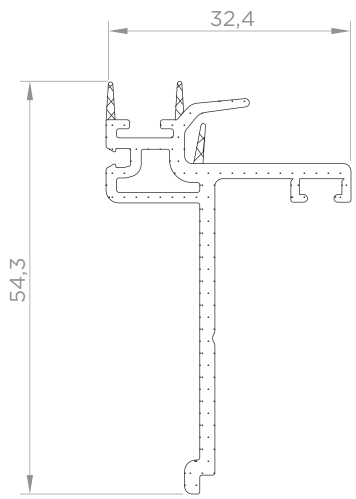
7316	**Ix (cm⁴):** 6,53	**Iy (cm⁴):** 2,03
Hoja central.		
Folha central.		
Ouvrant central.		
Central sash.		

7328	**Ix (cm⁴):** 49,13	**Iy (cm⁴):** 3,02
Hoja central reforzada.		
Folha central reforçada.		
Ouvrant central renforcé.		
Reinforced central sash.		

Hojas | Folhas | Ouvrants | Sashes

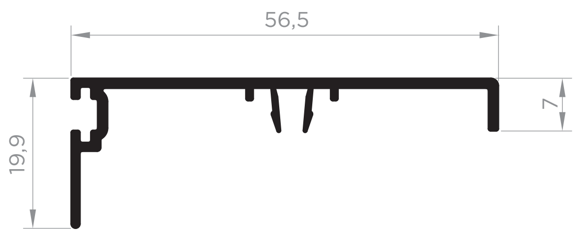


7327*	**Ix (cm⁴):** 4,13	**Iy (cm⁴):** 5,08
Hoja central galandage.		
Folha central galandage.		
Ouvrant central à galandage.		
Pocket central sash.		

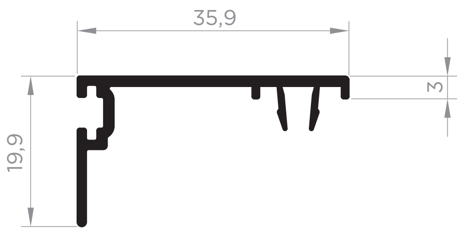


EX88C
Perfi l cruce PVC-r.
Perfi l de cruzamento em PVC-r.
Profi l chicane PVC-r.
PVC-r cross profile.

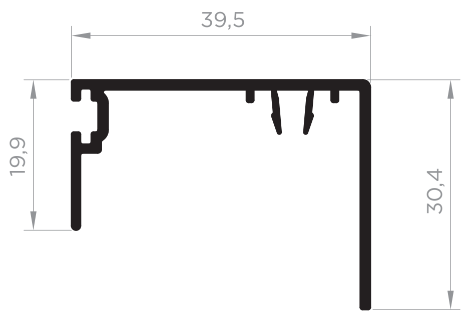
Tapas | Tampas | Capots | Covers



7347*
Tapa lateral tricarril
Tampa lateral carril triplo.
Capot latéral trois rails.
Triple-rail side cover.

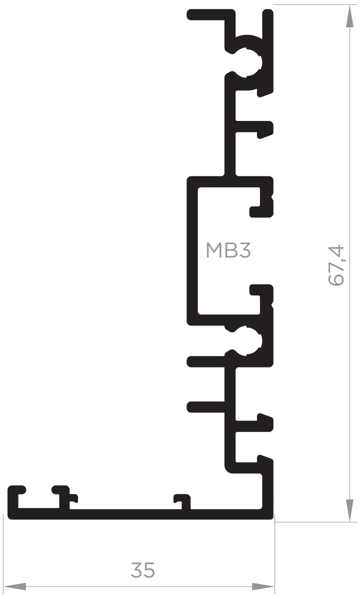


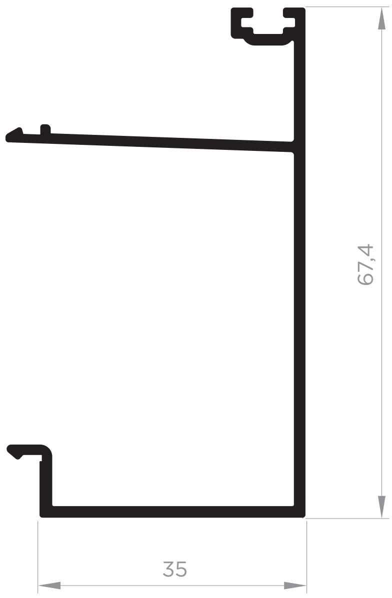
7321
Tapa lateral exterior.
Tampa lateral exterior.
Capot latéral extérieur.
Outward side cover.



7320*
Tapa lateral interior.
Tampa lateral interior.
Capot latéral intérieur.
Inner side cover.

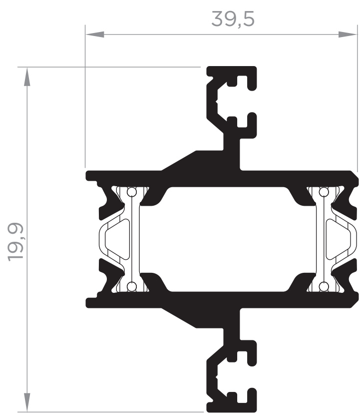
Complementos | Complementos | Compléments | Complements

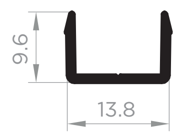




7330*
Marco galandage.
Aro galandage.
Ouvrant galandage.
Pocket frame.

7329*
Tapeta galandage.
Tapeta galandage.
Capot à galandage.
Pocket placket.

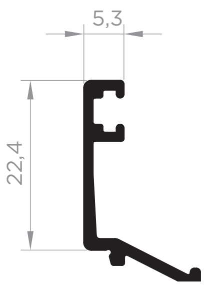




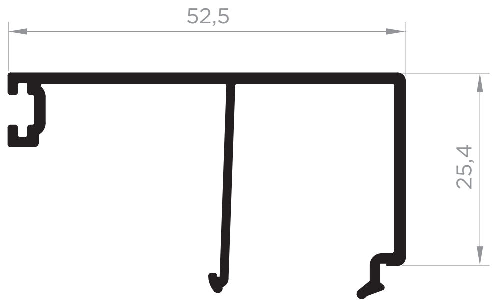
9208*
Encuentro 3-4 hojas.
Encontro de 3-4 folhas.
Jonction 3-4 vantaux.
Joint 3-4 sashes.

4942*
Unión de marcos oculta.
União de aros oculta.
Profil pour connexion caché de cadres.
Hidden frame joint.

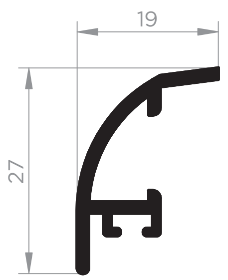
Complementos | Complementos | Compléments | Complements



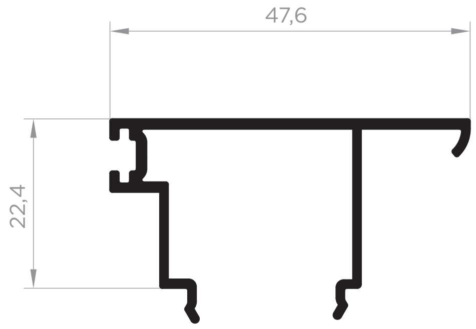
7325
Junquillo para monocarril.
Bite para carril simples.
Parclose pour monorail.
Beading for single-track.



7326
Complemento marco monocarril
Complemento de aro de carril simples.
Complément dormant monorail.
Monorail frame complement.

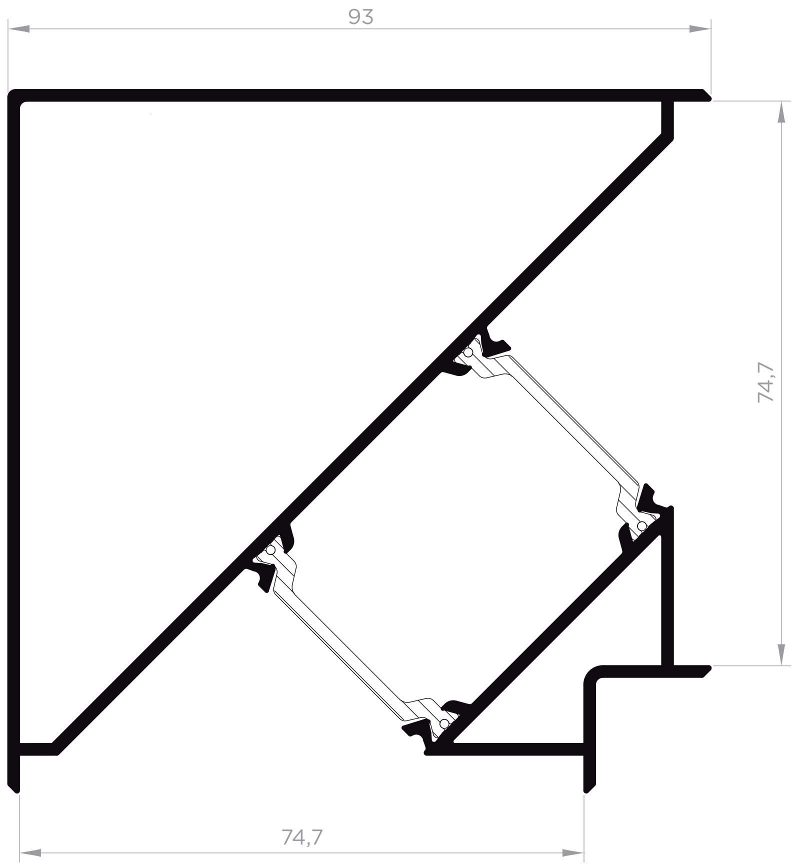


70028
Vierteaguas clipado.
Pingadeira clipada.
Rejet d'eau clip.
Clipped fl ashing.



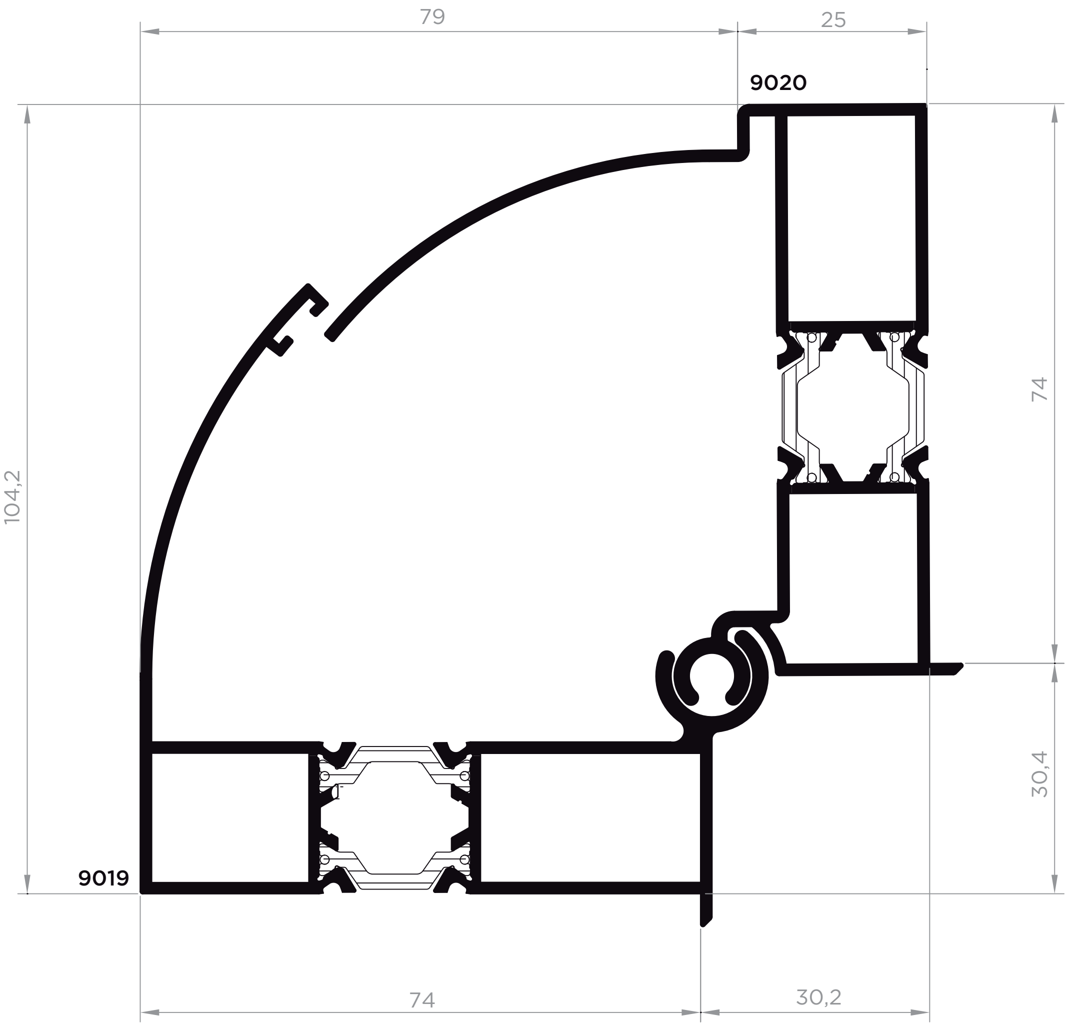
7500*
Complemento marco monocarril. Hoja interior
Complemento de aro de carril simples. Folha interior.
Complément dormant monorail. Ouvrant intérieur.
Single-rail frame accessory. Internal sash.

Esquineros | Cantos | Coin | Corner piece



9021*	Ix (cm^4): 33,81	Iy (cm^4): 18,76
Esquinero 90º recto.		
Canto 90º reto.		
Coin 90º droite.		
90º corner piece.		

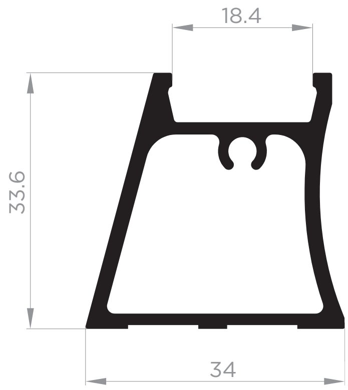
Esquineros | Cantos | Coin | Corner piece



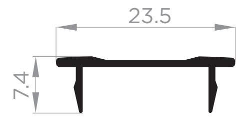
9019*	Ix (cm⁴): 21,40	Iy (cm⁴): 38,78
Esquinero graduable hembra.		
Canto graduable fêmea.		
Profi l coin gradué femelle.		
Adjustable corner piece, female.		

9020*	Ix (cm⁴): 33,81	Iy (cm⁴): 18,76
Esquinero graduable macho.		
Canto graduable macho.		
Profi l coin gradué mâle.		
Adjustable corner piece, male.		

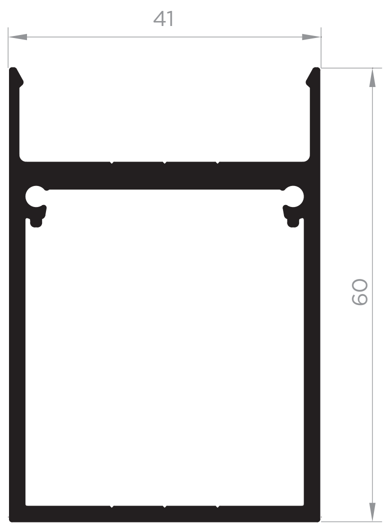
Refuerzos | Reforços | Renforts | Reinforcements



4836*	Ix (cm⁴): 3,09	Iy (cm⁴): 2,93
Refuerzo.		
Reforço.		
Renfort.		
Reinforcement.		



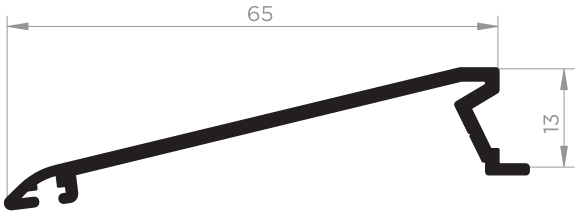
4520*
Tapa refuerzo.
Tampa reforço.
Capot renfort.
Reinforcement cover.



7136*	Ix (cm⁴): 15,59	Iy (cm⁴): 11,08
Refuerzo 41 x 60 mm.		
Reforço 41 x 60 mm.		
Renfort 41 x 60 mm.		
41 x 60 mm reinforcement.		

5503*
Tapeta de refuerzo.
Tampa de reforço.
Capot de renforcement.
Reinforcement placket.

Baberos | Babero | Profilé d'habillage | Edgings

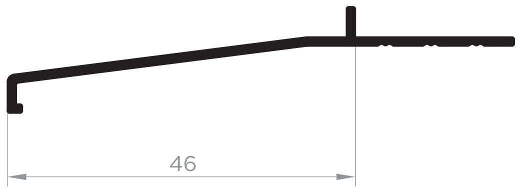


4470*
Babero de 65 mm.
Babero de 65 mm.
Profilé d'habillage de 65 mm.
65 mm edging.

4469*
Babero de 95 mm.
Babero de 95 mm.
Profilé d'habillage de 95 mm.
95 mm edging.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Baberos | Babero | Profilé d'habillage | Edgings



7340*
Babero de 46 mm.
Babero 46 mm.
Profil d'habillage 46 mm.
Edging 46 mm.

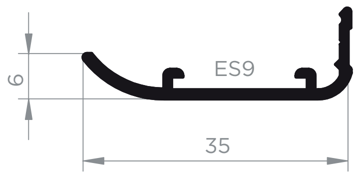
7377*
Babero de 78 mm.
Babero 78 mm.
Profil d'habillage 78 mm.
Edging 78 mm.

7378*
Babero de 96 mm.
Babero 96 mm.
Profil d'habillage 96 mm.
Edging 96 mm.

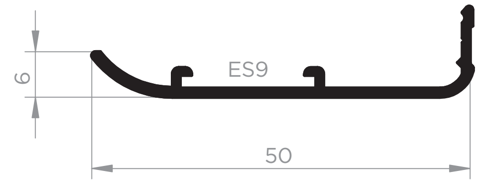
7379*
Babero de 116 mm.
Babero 116 mm.
Profil d'habillage 116 mm.
Edging 116 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

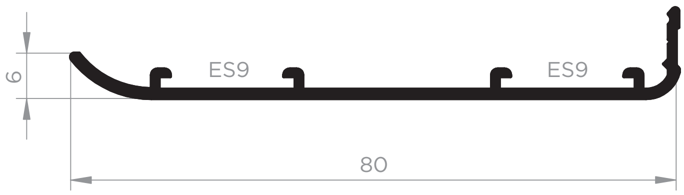
Solapes | remates | Couvre joint | Joint covers



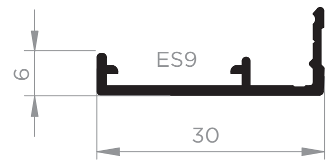
4574
Solape curvo de 35 mm grapa plástica.
Remate curvo de 35 mm grapa plástica.
Couvre joint courbé de 35 mm pour pince en plastique.
35 mm curved joint cover for plasctic clamp.



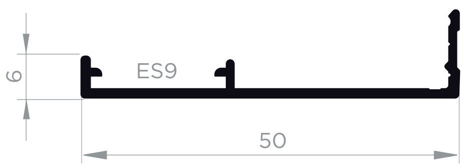
4575
Solape curvo de 50 mm para grapa plástica.
Remate curvo 50 mm para grapa plástica.
Couvre-joint de 50 mm pour pince plastique.
50 mm joint cover for plasctic clamp.



4576*
Solape curvo de 80 mm para grapa plástica.
Remate curvo 80 mm para grapa plástico.
Couvre-joint de 80 mm pour pince en plastique.
80 mm joint cover for plasctic clamp.



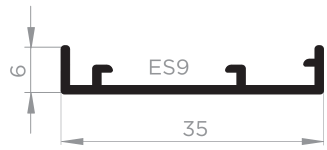
7151
Solape recto de 30 mm para grapa plástica.
Remate reto 30 mm para grapa plástica.
Couvre-joint droit de 30 mm pour pince plastique.
30 mm straight joint cover for plastic clamp.



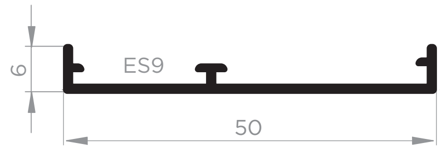
7188
Solape recto de 50 mm para grapa plástica.
Remate reto de 50 mm grapa plástico.
Couvre-joint droit de 50 mm pour pince en plastique.
50 mm straight joint cover for plastic clamp.

7480*
Solape recto de 85 mm para grapa plástica.
Remate reto de 85 mm grapa plástico.
Couvre-joint droit de 85 mm pour pince en plastique.
85 mm straight joint cover for plastic clamp.

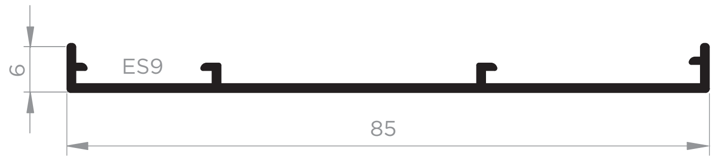
Solapes | Remates | Couvre joint | Joint covers



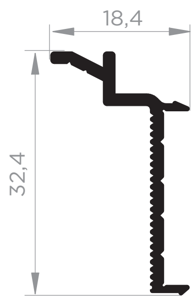
7187*
Solape recto de 35 mm para grapa de aluminio 7186.
Remate reto de 35 mm grapa de alumínio 7186.
Couvre-joint droit de 35 mm pour pince en aluminium 7186.
35 mm straight joint cover for aluminium clamp 7186.



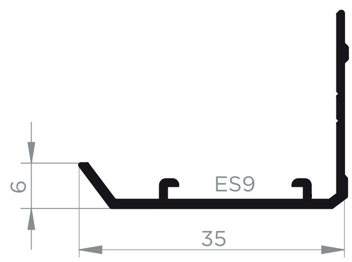
7196*
Solape recto de 50 mm para grapa de aluminio 7186.
Remate reto de 50 mm para grapa de alumínio 7186.
Couvre-joint de 50 mm pour pince en aluminium 7186.
50 mm straight joint cover for aluminium clamp 7186.



7386*
Solape recto de 85 mm para grapa de aluminio 7186.
Remate reto de 85 mm grapa de alumínio 7186.
Couvre-joint de 85 mm pour pince en aluminium 7186.
85 mm joint cover for 7186 aluminium clamp.

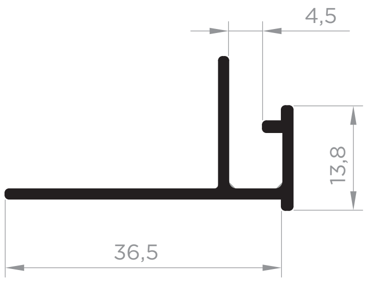


7186*
Grapa de aluminio para solapes 7187, 7196 y 7386.
Grapa de alumínio para remate 7187, 7196 e 7386.
Pince en aluminium pour couvre-joint 7187, 7196 et 7386.
Aluminium clamp for joint cover 7187, 7196 and 7386.

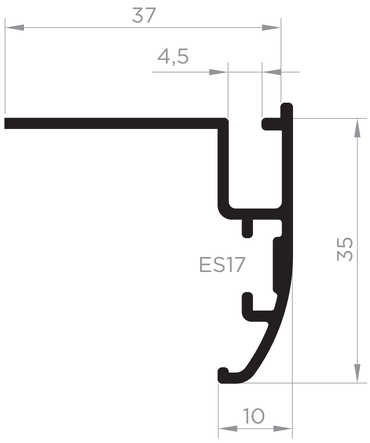


4829*
Solape atornillado de 35 mm.
Guarnição aparafusada de 35 mm.
Couvre joint visé de 35 mm.
Screwed joint cover of 35 mm.

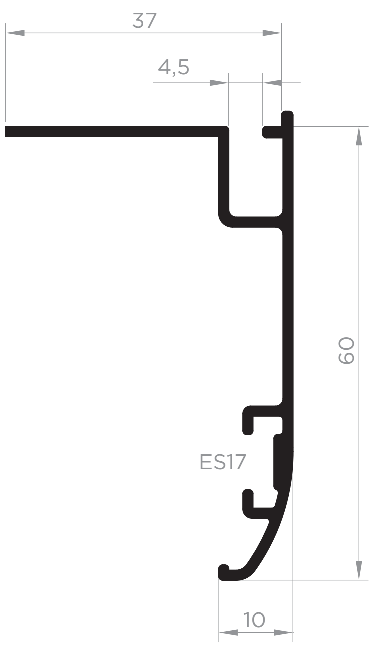
Solapes para registro catalán | Remate para tampa de estore frontal | Couvre joint frontal | Frontal profile joint cover



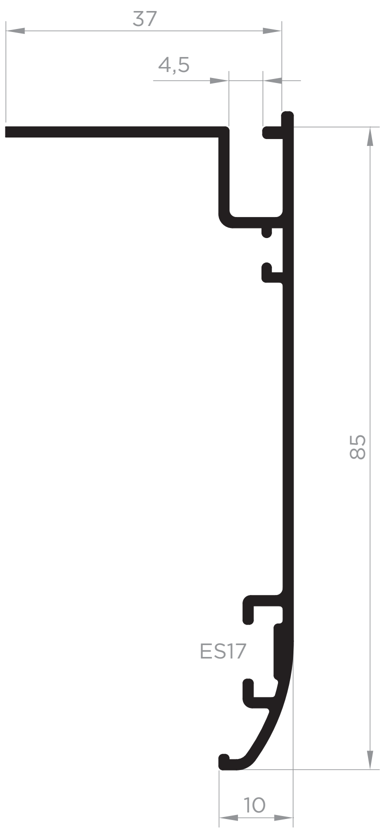
4570*
Complemento registro catalán.
Complemento de estore frontal.
Complément frontal supérieur.
Upper frontal accessory.



4571*
Solape curvo 35 mm registro catalán.
Remate curvo 35 mm para tampa de estore frontal.
Couvre joint courbe 35 mm frontal.
Frontal profile joint cover of 35 mm.



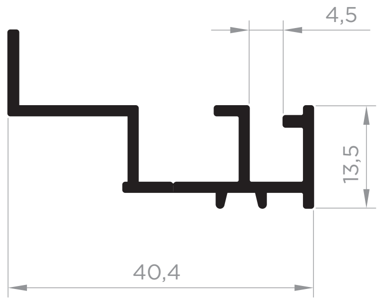
4572*
Solape curvo 60 mm registro catalán.
Remate curvo 60 mm para tampa de estore frontal.
Couvre joint courbe 60 mm frontal.
Curved frontal profile joint cover of 60 mm.



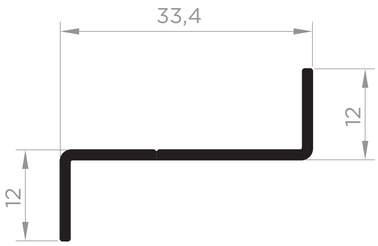
4569*
Solape curvo 85 mm registro catalán.
Remate curvo 85 mm para tampa de estore frontal.
Courve joint courbe 85 mm frontal.
Curved frontal profile joint coverof 85 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

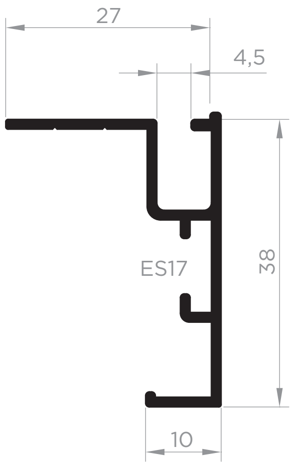
Solapes para registro catalán | Remate para tampa de estore frontal | Couvre joint frontal | Frontal profile joint cover



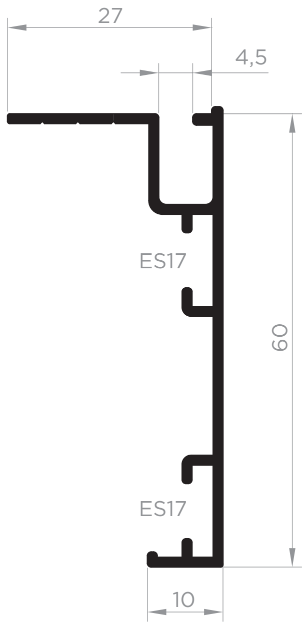
7433*
Perfil registro catalán 4-32 mm.
Perfis para tampa de estore frontal 4-32 mm.
Profilé frontal 4-32 mm.
Frontal profile 4-32 mm.



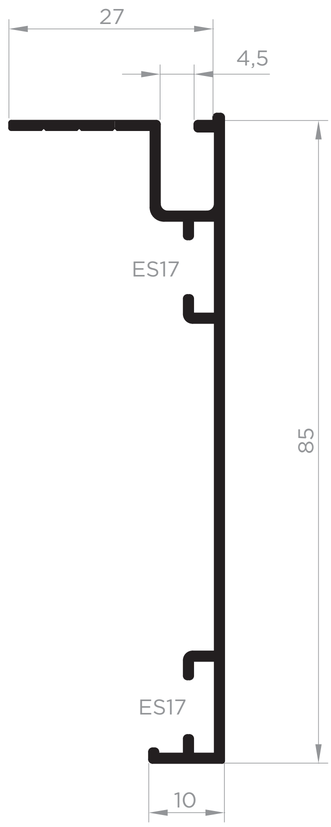
7434*
Perfil superior para registro catalán 4-32 mm.
Perfis superior para tampa de estore frontal 4-32 mm.
Profilé frontal supérieur 4-32 mm.
Upper frontal profile 4-32 mm.



7437*
Solape recto 38 mm registro catalán.
Remate recto 38 mm para tampa de estore frontal.
Couvre joint droit 38 mm frontal.
Straight frontal profile joint cover of 38 mm.



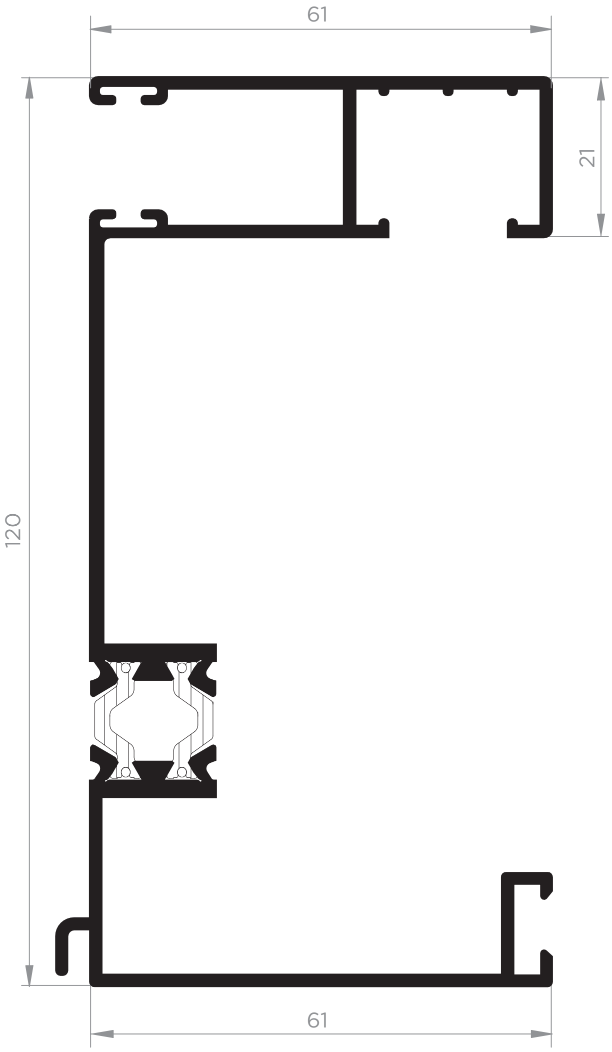
7438*
Solape recto 60 mm registro catalán.
Remate recto 60 mm para tampa de estore frontal.
Couvre joint droit 60 mm frontal.
Straight frontal profile joint cover of 60 mm.

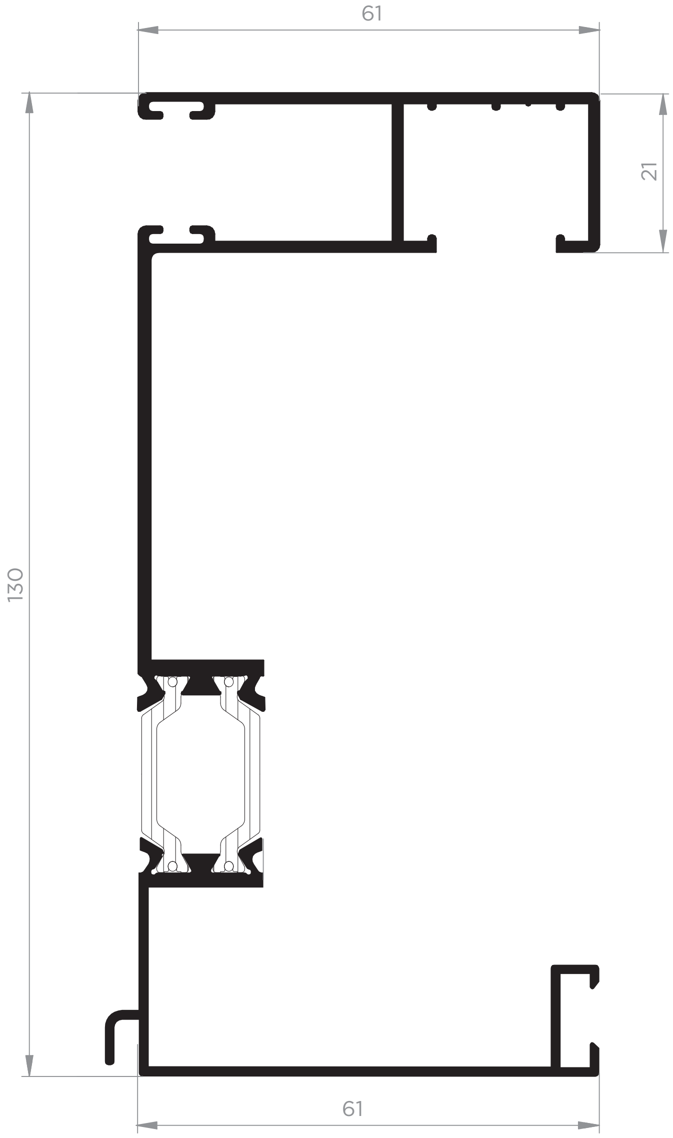


7439*
Solape recto 85 mm registro catalán.
Remate recto 85 mm para tampa de estore frontal.
Couvre joint droit 85 mm frontal.
Straight frontal profile joint coverof 85 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Perfiles para registro catalán | Perfis para tampa de estore frontal | Profilé frontal | Frontal profile

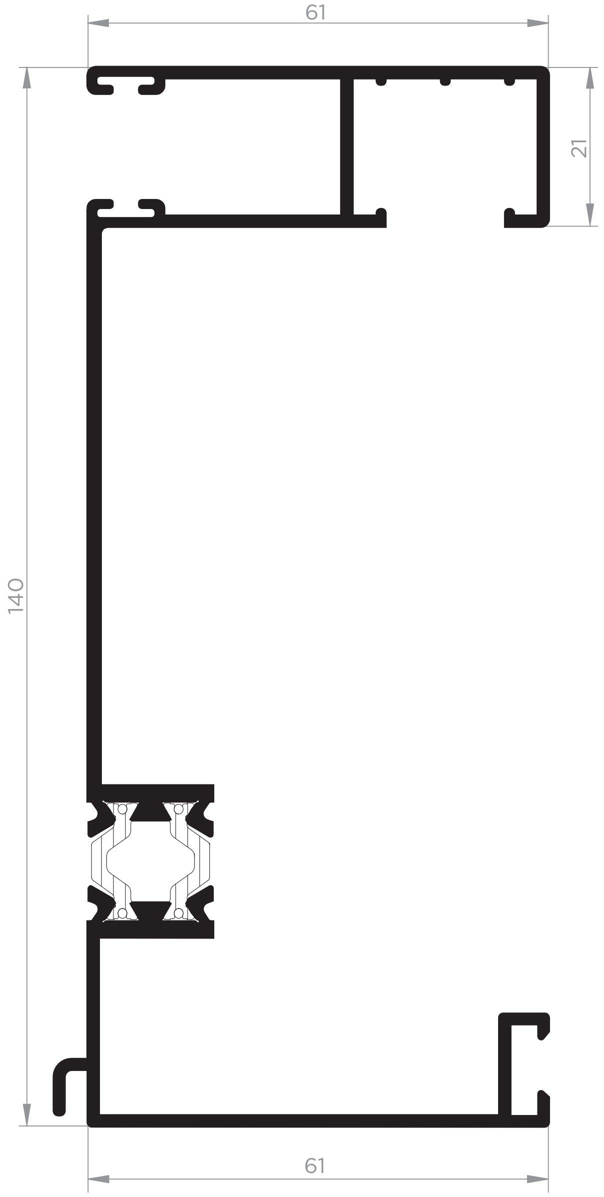


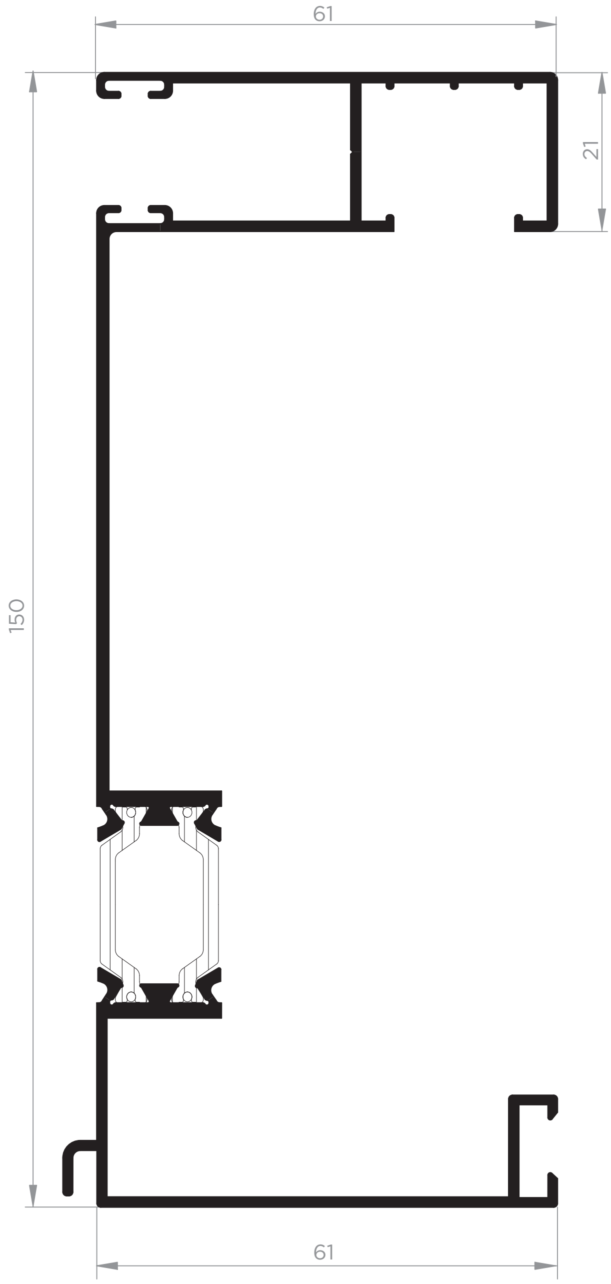


6503*
Guía RPT 120 mm.
Guia RPT 120 mm.
Coulisse avec rupture thermique 120 mm.
120 mm shutter guide with thermal break.

6508*
Guía RPT 130 mm.
Guia RPT 130 mm.
Coulisse avec rupture thermique 130 mm.
130 mm shutter guide with thermal break.

Guías | Guias | Coulisses | Shutter guide



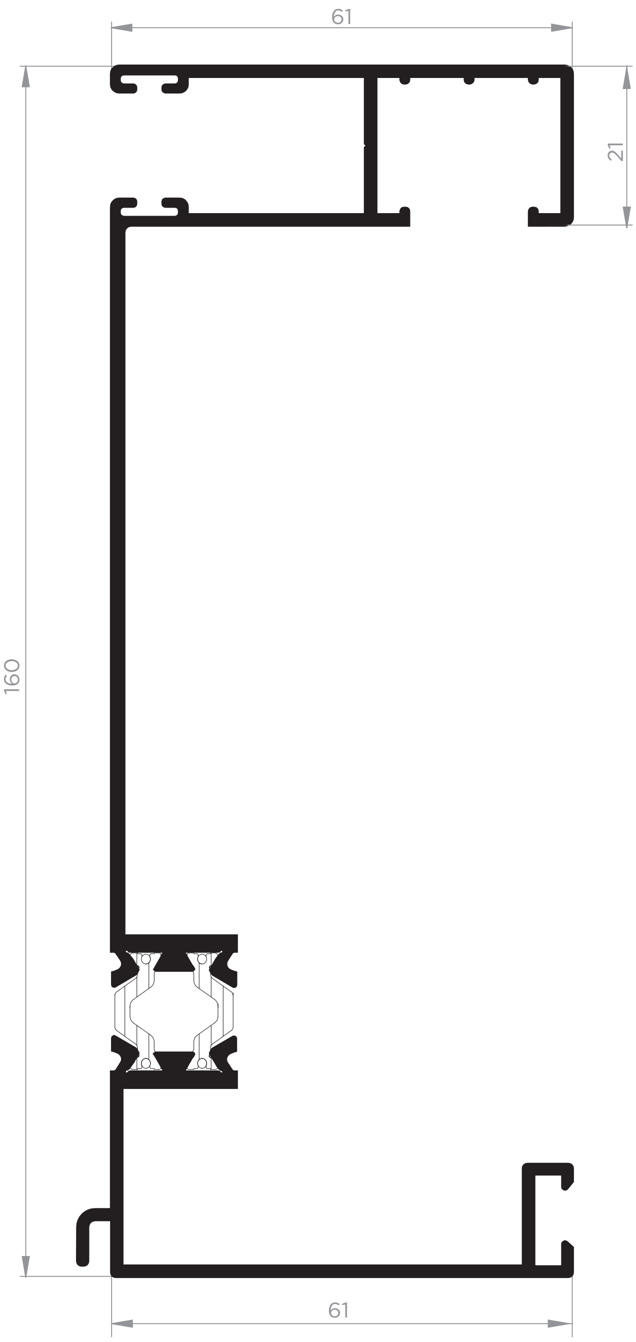


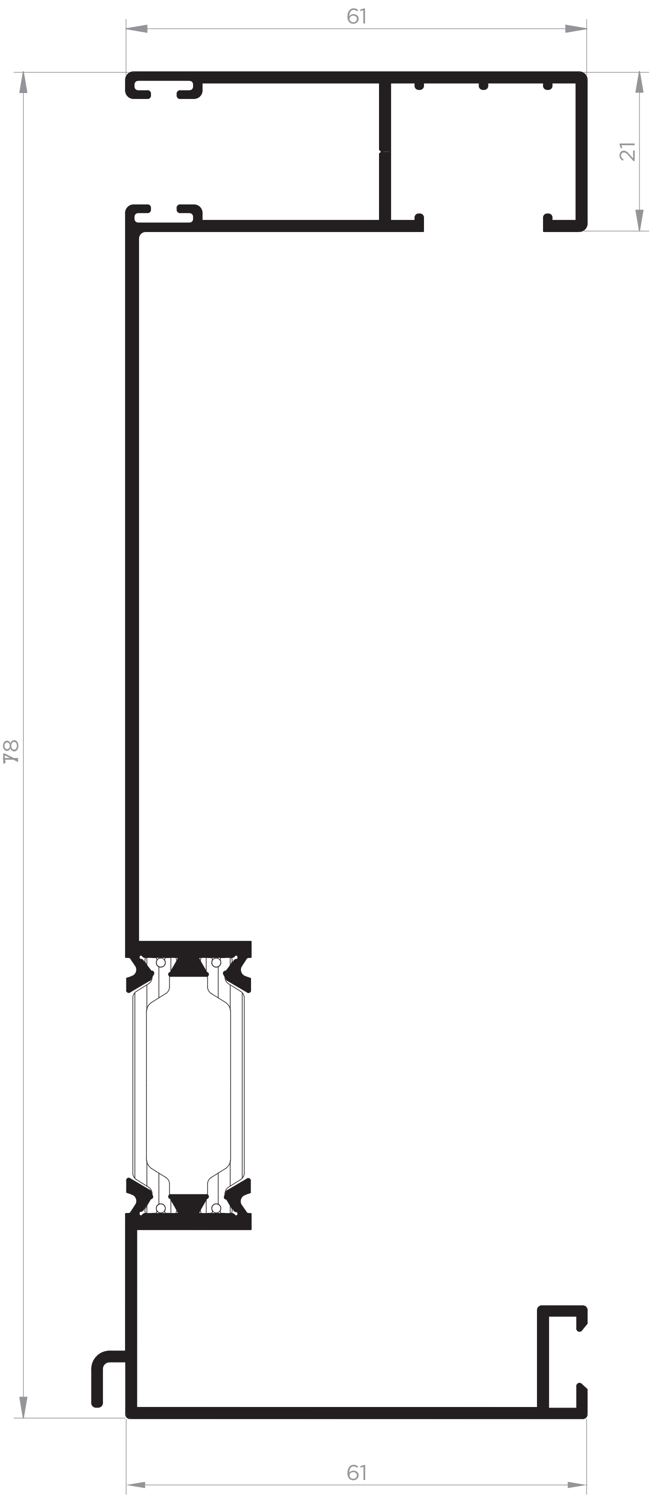
6502*
Guía RPT 140 mm.
Guia RPT 140 mm.
Coulisse avec rupture thermique 140 mm.
140 mm shutter guide with thermal break.

6505*
Guía RPT 150 mm.
Guia RPT 150 mm.
Coulisse avec rupture thermique 150 mm.
150 mm shutter guide with thermal break.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



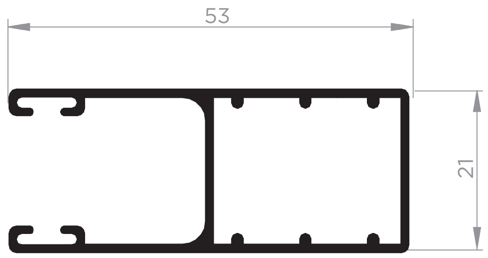


6501*
Guía RPT 160 mm.
Guia RPT 160 mm.
Coulisse avec rupture thermique 160 mm.
160 mm shutter guide with thermal break.

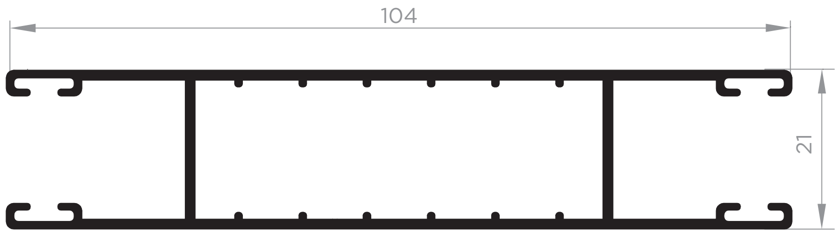
6509*
Guía RPT 178 mm.
Guia RPT 178 mm.
Coulisse avec rupture thermique 178 mm.
178 mm shutter guide with thermal break.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

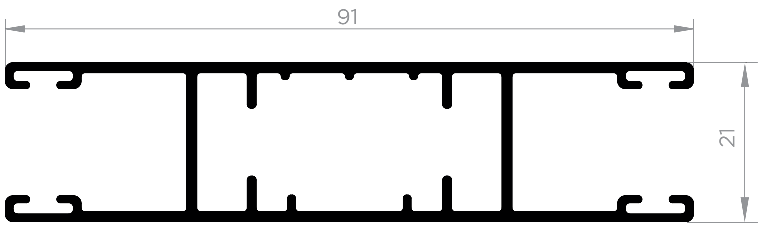
Guías | Guias | Coulisses | Shutter guide



866
Guía simple.
Guia simples
Coulisse simple.
Simply shutter guide.



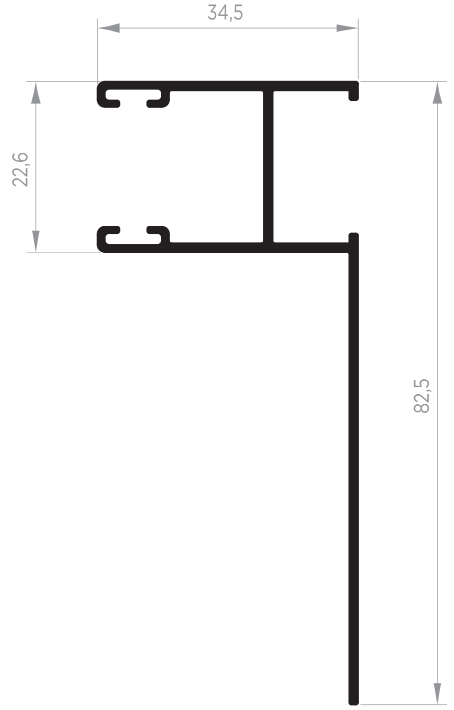
10029*
Guía doble de 104 mm.
Guia dupla de 104 mm.
Coulisse doble 104 mm.
Double shutter guide 104 mm.

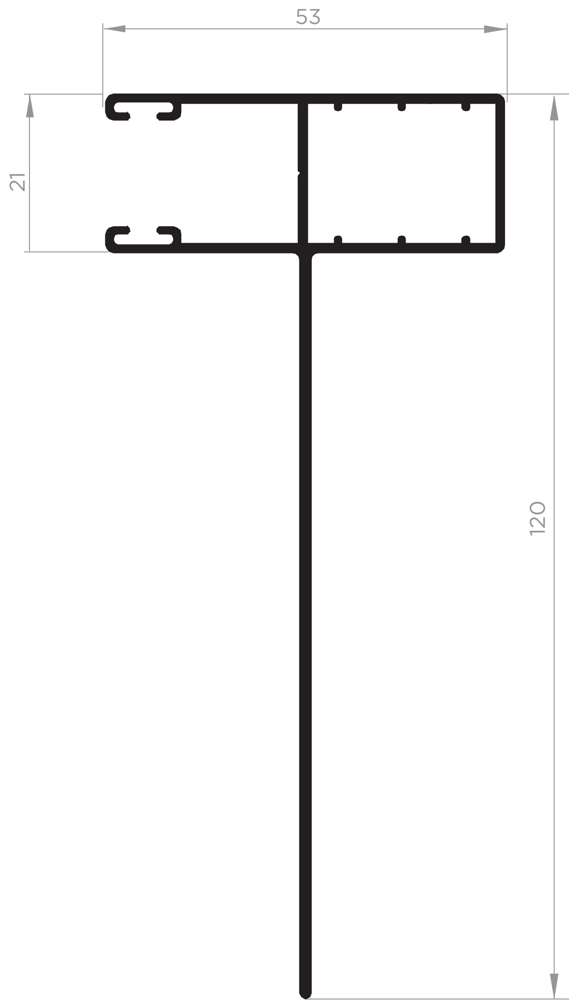


7202*
Guía doble 91 mm.
Guia dupla 91 mm.
Coulisse double 91 mm.
Double guide 91 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



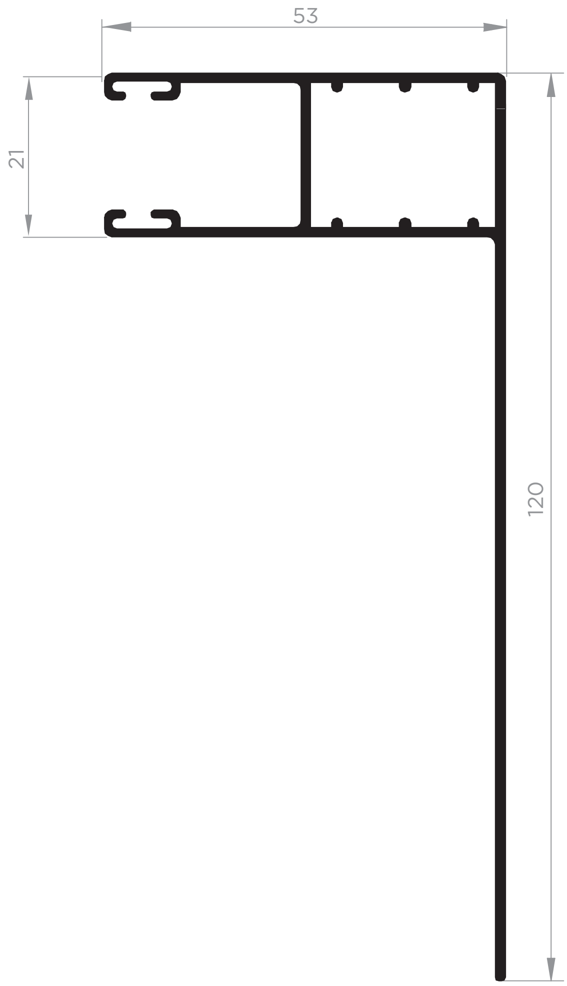


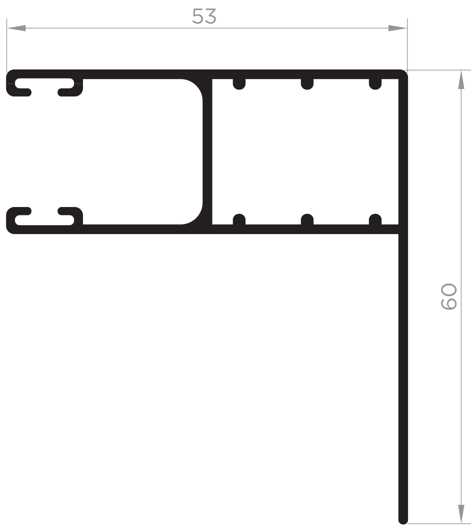
7426*
Guía en "F" 82,5 mm registro catalán.
Guia "F" 82,5 mm de estore frontal.
Coulisse "F" frontal de 82,5 mm.
Frontal profile "F" guide of 82,5 mm.

954*
Guía de 120 mm.
Guia 120 mm.
Coulisse 120 mm.
120 mm shutter guide.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



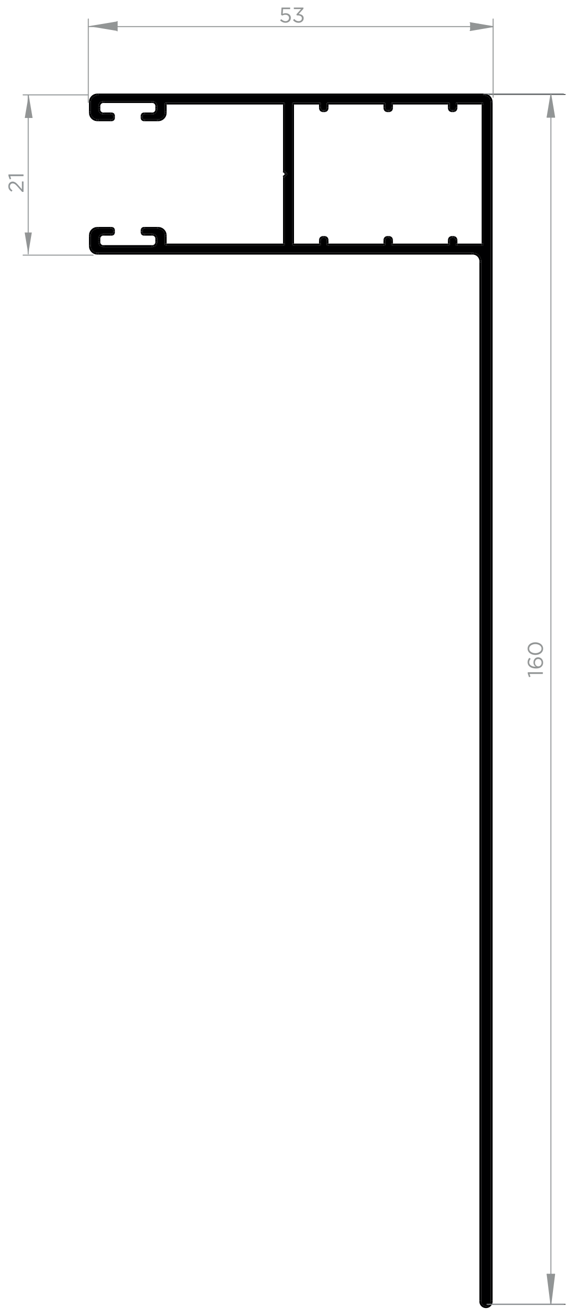


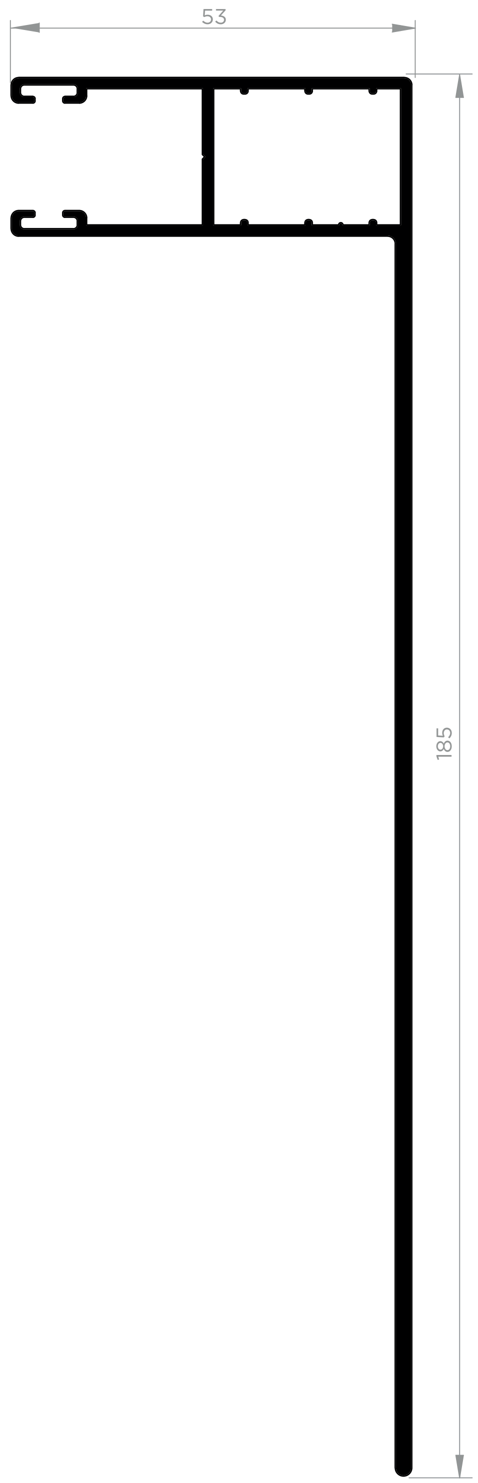
867*
Guía de 60 mm.
Guia 60 mm.
Coulisse 60 mm.
60 mm guide.

865*
Guía de 120 mm.
Guia de 120 mm.
Coulisse 120 mm.
Shutter guide 120 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



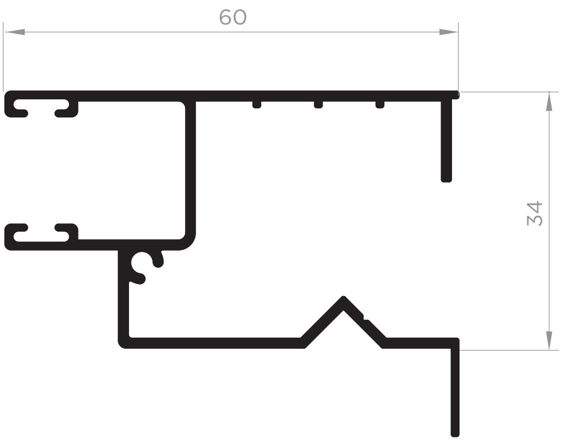


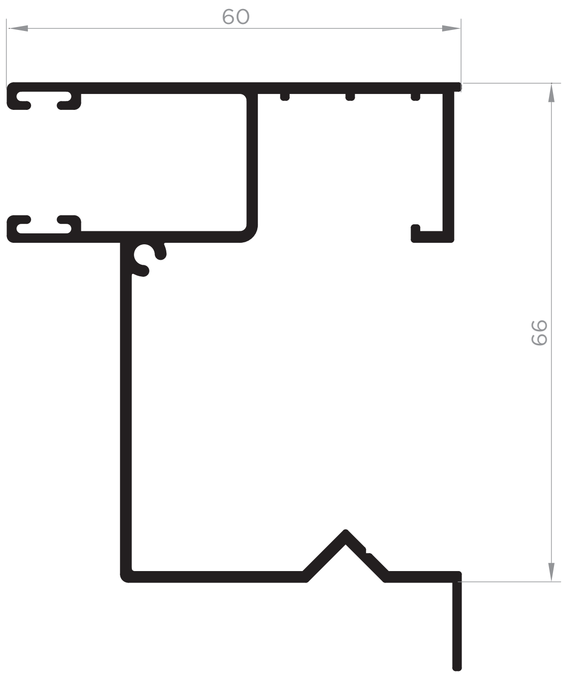
7387*
Guía de 160 mm.
Guia de 160 mm.
Coulisse 160 mm.
Shutter guide 160 mm.

7482*
Guía de 185 mm.
Guia de 185 mm.
Coulisse 185 mm.
Shutter guide 185 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



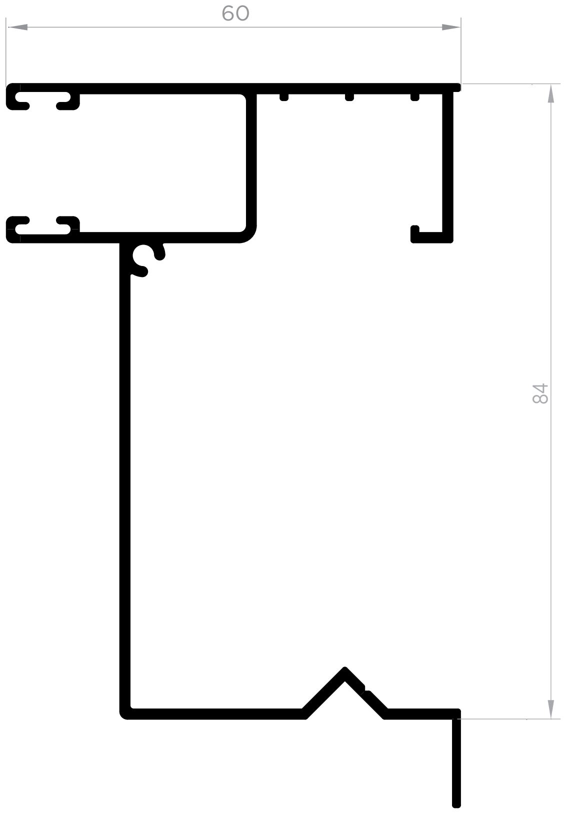


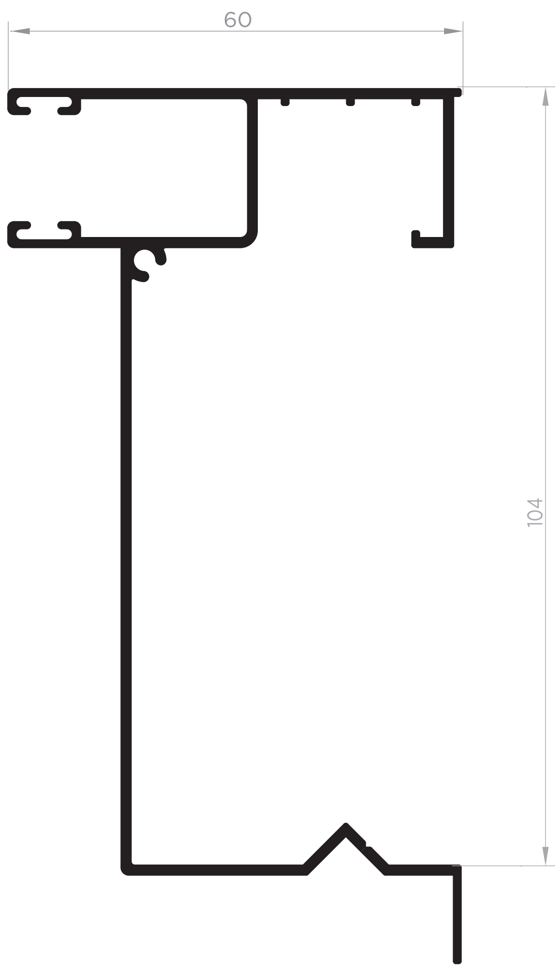
7373*
Guía 34 mm.
Guia 34 mm.
Coulisse 34 mm.
Shutter guide 34 mm.

7374*
Guía 66 mm.
Guia 66 mm.
Coulisse 66 mm.
Shutter guide 66 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide



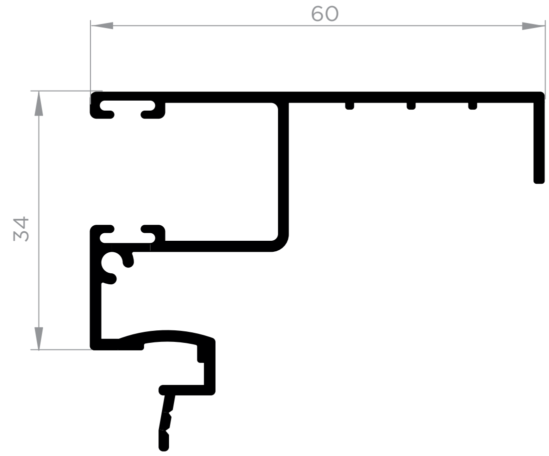


7375*
Guía 84 mm.
Guia 84 mm.
Coulisse 84 mm.
Shutter guide 84 mm.

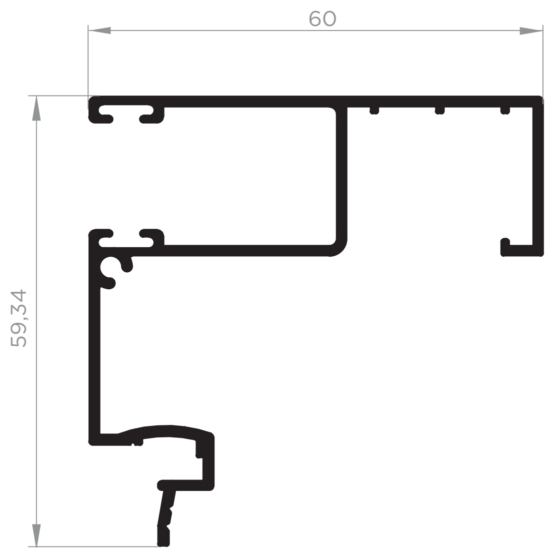
7376*
Guía de 104 mm.
Guia de 104 mm.
Coulisse 104 mm.
Shutter guide 104 mm.

Guías | Guias | Coulisses | Shutter guide

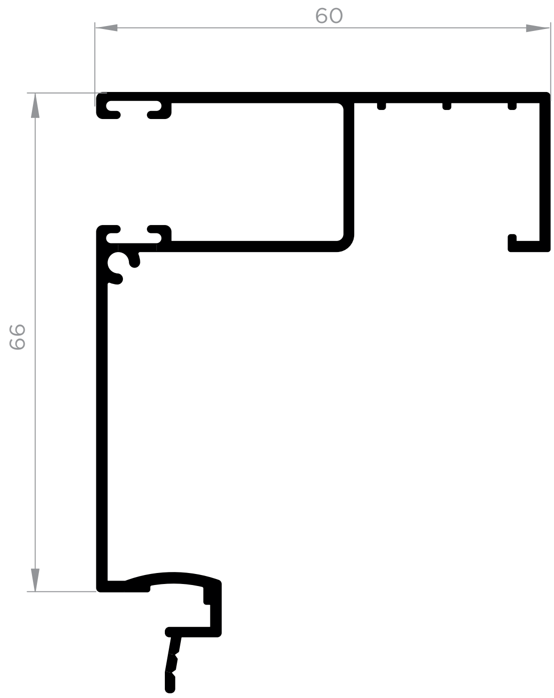
7064*
Interior guía atornillar 45 mm.
Interior guia aparafusado 45 mm.
Coulisse intérieur à visser 45 mm.
45 mm inner guide to screw.



7392*
Guía 34 mm.
Guia 34 mm.
Coulisse 34 mm.
Guide 34 mm.



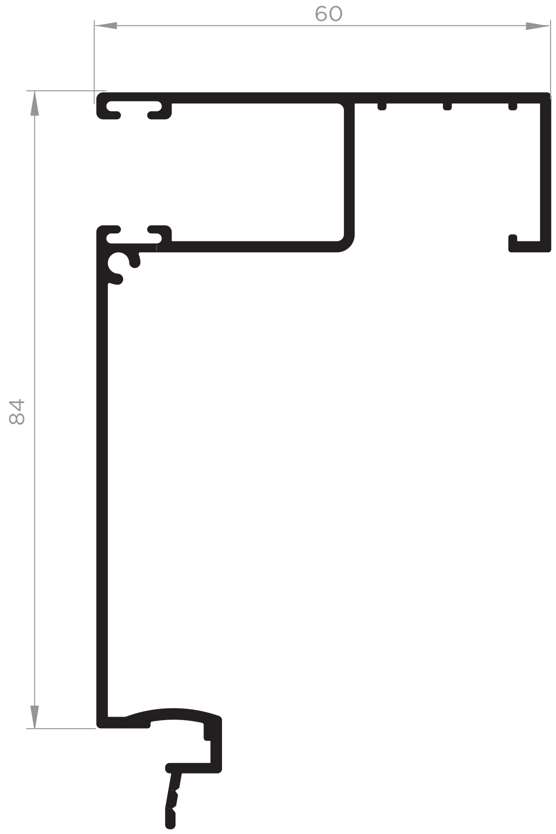
7513*
Guía 46 mm.
Guia 46 mm.
Coulisse 46 mm.
Guide 46 mm.

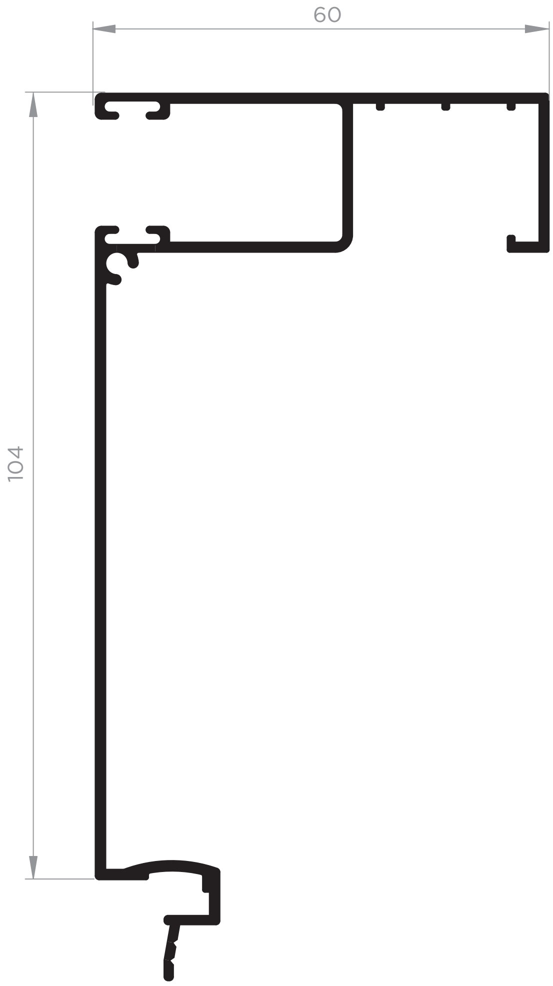


7393*
Guía 66 mm.
Guia 66 mm.
Coulisse 66 mm.
Guide 66 mm.

RELACIÓN DE PERFILES | Relação de perfis | Liste de profilés | List of profiles

Guías | Guias | Coulisses | Shutter guide





7394*
Guía 84 mm.
Guia 84 mm.
Coulisse 84 mm.
Guide 84 mm.

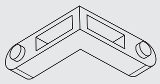
7395*
Guía 104 mm.
Guia 104 mm.
Coulisse 104 mm.
Guide 104 mm.

STRUGAL

STRUGAL **S88RP**

ACCESORIOS

Acessórios
Accessories
Accessories



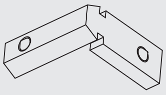
ES4450

Escuadra de inyección pivotes.

Esquadro injeção pivotes.

Équerre d'injection pivots.

Pivoting injection bracket.



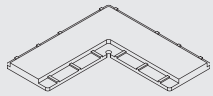
MB3

Escuadra de marco galandage 7330.

Esquadro aro galandage 7330.

Équerre dormant à galandage 7330.

7330 bracket pocket casement.



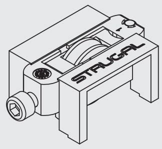
ES9

Escuadra alineación poliamida.

Esquadro alinhamento poliamida.

Équerre alignement polyamide.

Polyamide alignment bracket.



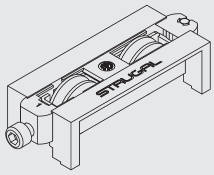
RO88RPD

Rodamiento simple regulación, 80 kg/hoja (Estruc. poliamida).

Rolamento simples com regulação, 80 kg/folha (Estrut. poliamida).

Roulement simple réglage, 80kg/vantail (Struct. polyamide).

Single bearing adjustment, 80kg/sash (Polyamide structure).



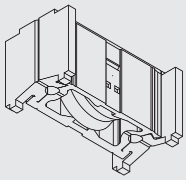
RO88TPD

Rodamiento tándem con reg. 200 kg/hoja (Estruc. poliamida).

Rolamento de rolos com regulação 200 kg/folha (estrut. Poliamida).

Roulement double avec réglage 200 kg/vantail (Struct. polyamide).

Double bearing with adjustment 200 kg/sash (Polyamide structure).



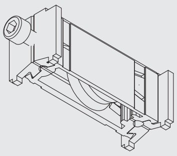
RO88AL

Rodamiento simple sin reg. 80 kg/hoja (Estruc. aluminio).

Rolamento simples sem regulação 80 kg/folha (Estrut. alumínio).

Roulement simple sans réglage, 80 kg/vantail (Struct. aluminium).

Single bearing without adj. 80 kg/sash (Aluminium structure).



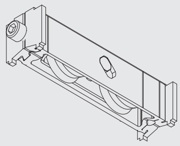
RO88RAL

Rodamiento simple con reg. 100 kg/hoja (Estruc. aluminio).

Rolamento simples com regulação 100 kg/folha (Estrut. alumínio).

Roulement simple réglage, 100 kg/vantail (Struct. aluminium).

Single bearing adjustment, 100 kg/sash (Alum. structure).



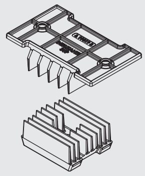
RO88TAL

Rodamiento tándem con reg. 200 kg/hoja (Estruc. aluminio).

Rolamento de rolos com regulação 200 kg/folha (Estrut. alumínio).

Roulement double avec réglage 200 kg/vantail (Struct. aluminium).

Double bearing with adjustment, 200 kg/sash (Aluminium structure).



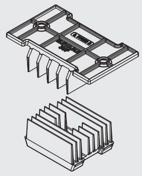
JUP88

Juego cortavientos corredera deslizante S88RP.

Jogo de resguardo de caixilharia deslizante S88RP.

Ensemble brise-vent coulissante à glissière S88RP.

S88RP sliding windshield set.



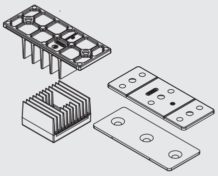
JUP88EL

Juego cortavientos corredera elevable S88RP.

Jogo de resguardo de caixilharia elevável S88RP.

Ensemble brise-vent coulissante à levage S88RP.

S88RP Lift and slide windshield set.



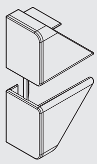
JUP88M

Juego cortavientos corredera monocarril.

Jogo de resguardo de caixilharia de carril simples.

Ensemble brise-vent coulissante monorail.

Monorail sliding windshield set.



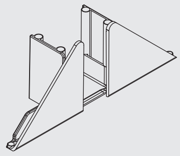
TPRC88

Juego tapón r. condens. ref. 9201-9207-9431-9438, S88RP.

Jogo tampão recolha da conden. ref. 9201-9207-9431-9438, S88RP.

Ensemble bouchon anti-cond. ref. 9201-9207-9431-9438, S88RP.

Condensation collection plug set for ref. 9201-9207-9431-9438, S88RP.



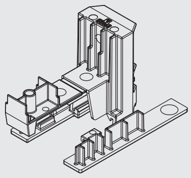
TPRC88R

Juego tapón recogeconden. ref. 9410, 9414 y 9416, S88RP

Jogo tampão recolha da conden. ref. 9410, 9414 y 9416, S88RP.

Ensemble bouchon anti conden. ref. 9410, 9414 y 9416, S88RP.

Condensation collection plug set, ref. 9410, 9414 y 9416, S88RP.



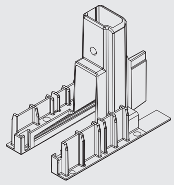
TP88

Tapón hoja lateral corredera deslizante.

Tampão de folha lateral de caixilharia deslizante.

Cache vantail latéral coulissante à glissière.

Sliding side sash plug.



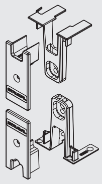
ELTP88

Tapón hoja lateral corredera elevable.

Tampão de folha lateral de caixilharia elevável.

Cache vantail latéral coulissante à levage.

Lift and slide side sash plug.



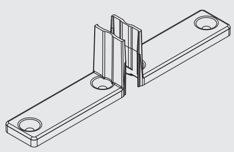
TP88C

Juego tapones hoja central.

Jogo de tampões de folha central.

Ensemble caches vantail central.

Central sash plugs set.



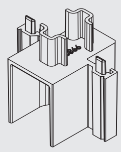
TP88R

Juego tapón refuerzo hoja central.

Jogo de tampões de folha central.

Ensemble caches renfort vantail central.

Reinforced central sash plugs set.



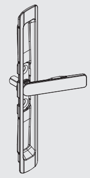
TP34H88

Tapón unión 3-4 hojas.

Tampão de união de 3-4 folhas.

Cache jonction 3-4 vantaux.

Plug joint 3-4 sashes.



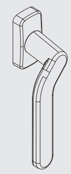
MUCI15

Manilla enrasada Titán cuadrada 15 mm.

Puxador enrasada quadrada Titán 15 mm.

Poignée encastrée carrée Titán, 15 mm.

15 mm square Titan flush handle.



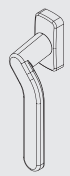
MUMP90I

Manilla STRUGAL acodada izquierda.

Puxador STRUGAL acotovelado esquerda.

Poignée coudeé STRUGAL gauche.

STRUGAL left elbow handle.



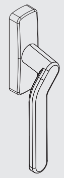
MUMP90D

Manilla STRUGAL acodada derecha.

Puxador STRUGAL acotovelado direita.

Poignée STRUGAL coudeé droit.

STRUGAL right elbow handle.



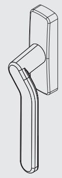
MUMP90IR

Manilla Altair acodada izquierda reforzada.

Puxador Altair acotovelado esquerda reforçada.

Poignée coude Altair renforcée gauche.

Altair reinforced left elbow handle.



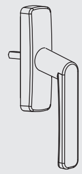
MUMP90DR

Manilla Altair acodada derecha reforzada.

Puxador Altair acotovelado direito.

Poignée Altair coudée droite.

Altair right elbow handle.



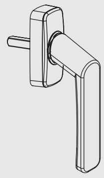
MUMP90GR

Manilla STRUGAL reforzada.

Puxador STRUGAL reforçado.

Poignée STRUGAL renfort.

Reinforced STRUGAL handle.



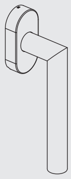
CSCR3P

Manilla Polaris STRUGAL (apertura interior).

Puxador Polaris STRUGAL (abertura interior).

Poignée Polaris STRUGAL (ouverture intérieure).

Polaris STRUGAL handle (inward-opening).



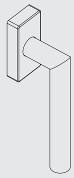
CR260210IX

Manilla Inox KAIROX RR.

Puxador Inox KAIROX RR.

Poignée Inox KAIROX RR.

KAIROX RR Handle with stainless deck.



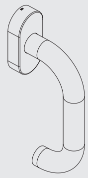
CR260310IX

Manilla Inox KAIROX CR.

Puxador Inox KAIROX CR.

Poignée Inox KAIROX CR.

KAIROX CR Handle with stainless deck.



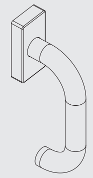
CR260213IX

Manilla Inox KAIROX RRC.

Puxador Inox KAIROX RRC.

Poignée Inox KAIROX RRC.

KAIROX RRC Handle with stainless deck.



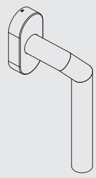
CR260313IX

Manilla Inox KAIROX CRC.

Puxador Inox KAIROX CRC.

Poignée Inox KAIROX CRC.

Inox KAIROX CRC Handle.



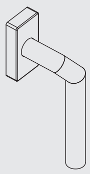
CR260211IX

Manilla Inox - Kairox RR.

Puxador Inox - Kairox RR.

Poignée Inox - Kairox RR.

Kairox RR Handle with stainless deck.



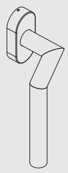
CR260311IX

Manilla Inox - Kairox CR.

Puxador Inox - Kairox CR.

Poignée Inox - Kairox CR.

Kairox CR Handle with stainless deck.



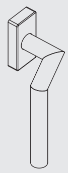
CR260212IX

Manilla Inox - Kairox RR.

Puxador Inox - Kairox RR.

Poignée Inox - Kairox RR.

Kairox RR Handle with stainless deck.



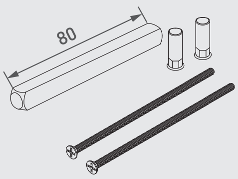
CR260312IX

Manilla Inox - Kairox CR.

Puxador Inox - Kairox CR.

Poignée Inox - Kairox CR.

Kairox CR Handle with stainless deck.



KIMUFDM

Kit fijación doble manilla largo 80 mm.

Kit de fixação de maçaneta dupla, comprimento 80 mm.

Kit fixation double poignée longue 80 mm.

Double handle installation kit 80 mm.

MUN1P

Monopunto E-15 long. 365 mm.

Monopunto E-15 long. 365 mm.

Monopoint E-15 long. 365 mm.

Single point E-15 length. 365 mm.

MUN600

Cremona multipunto 2 puntos E-15 long. 600 mm.

Cremone multiponto de 2 pontos E-15 comp. 600 mm.

Crémone multipoint 2 points E-15 long. 600 mm.

Multi-point cremone 2 points E-15, length 600 mm.

MUN1000

Cremona multipunto 2 puntos E-15 long. 1000 mm.

Cremone multiponto de 2 pontos E-15 comp. 1000 mm.

Crémone multipoint 2 points E-15 long. 1000 mm.

Multi-point cremone 2 points E-15, length 1000 mm.

MUN1600

Cremona multipunto 4 puntos E-15 long. 1600 mm.

Cremone multiponto de 4 pontos E-15 comp. 1600 mm.

Crémone multipoint 4 points E-15 long. 1600 mm.

Multi-point cremone 4 points E-15, length 1600 mm.

MUC1600

Cremona multipunto 3 puntos E-15 long. 1600mm para cilindro.

Cremone multiponto de 3 pontos E-15 comp. 1600 mm para cilindro.

Crémone multipoint 3 points E-15 long. 1600 mm pour cylindre.

Multi-point cremone 3 points E-15, length 1600 mm for cylinder.

MUC1800

Cremona multipunto 4 puntos E-15 long. 1800mm para cilindro.

Cremone multiponto de 4 pontos E-15 comp. 1800 mm para cilindro.

Crémone multipoint 4 points E-15 long. 1800 mm pour cylindre.

Multi-point cremone 4 points E-15, length 1800 mm for cylinder.

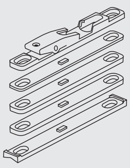
MUCMM

Cerradero estándar multipuntos.

Fecho standard multi-ponto.

Fermeture standard multipoints.

Standard multipoints striker.



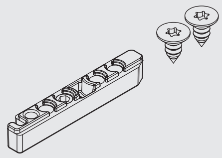
MUCMMMV

Cerradero microventilación multipuntos.

Fecho de microventilação multi-ponto.

Gâche microventilation multipoints.

Microventilation multipoints striker.



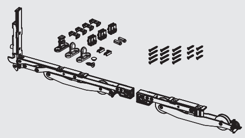
KIMUCAC88

Kit calzo cerradero multipuntos y elevable.

Kit de calço de fecho multipontos e elevável.

Kit cale gâche multipoints et à levage.

Multi-point and lift and slide striker chock kit.



EL238506

Kit elevable una hoja con tornillería LS200.

Kit elevável de uma folha com parafusos LS200.

Kit à levage un vantail avec visserie LS200.

LS200 Lif and slide kit one sash with screws.

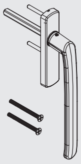
EL2301

Manillón elevable para cilindro.

Manilhão elevatória para cilindro.

Poignée à levage pour barillet.

Lift and slide pull handle for cylinder.



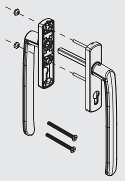
EL2302

Manillón elevable.

Manilhão elevatória.

Poignée à levag.

Lift and slide pull handle.



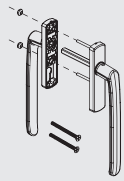
EL2303

Manillón elevable doble para cilindro.

Manilhão elevatória duplo para cilindro.

Poignée à levage double pour barillet.

Double lift and slide pull handle for cylinder.



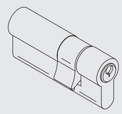
EL2304

Manillón elevable doble.

Manilhão elevatória duplo.

Poignée à levage double.

Double lift and slide pull handle.



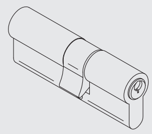
CD13510L

Cilindro pera 35x10 mm leva larga níquel.

Cilindro pera 35 x 10 alavanca larga níquel.

Cylindre à profil européen 35 x 10 longue came. Nickel.

Cylinder 35 x 10 long cam. Nickel.



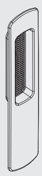
EL885237

Cilindro de 35 x 35 leva larga.

Cilindro de 35 x 35 leva larga.

Barillet de 35 x 35 longue came.

Cylinder 35 x 35 long cam.



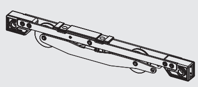
EL2320

Uñero elevable.

Fecho embutido elevatória.

Poignée cuvette à levage.

Lift and slide flush pull handle.



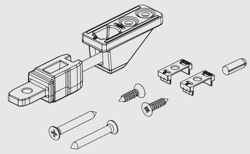
EL233503

Carro suplementario elevable LS200.

Carro suplementar elevável LS200.

Chariot supplémentaire à levage LS200.

Lift and slide LS200 Additional carriage.



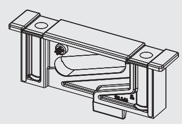
EL237009

Adaptador carros elevables a correderas LS200.

Adaptador carris elevável de janelas de correr LS200.

Adaptateur chariots à levage de fenêtres coulissantes LS200.

Lift and slide carriages adaptor for sliding windows LS200.



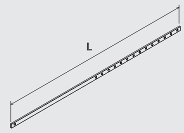
EL233504

Calzo apoyo hoja fija metálico LS200.

Calço apoio folha fixa LS200 metálico.

Cale appui ouvrant fixe LS200 métallique.

Metal LS200 fixed sash supporting chock.



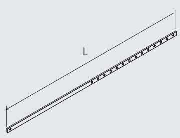
EL233010

Pletina conexión de carros elevable 2760 mm.

Placa de ligação de carris elevável 2760 mm.

Plaque raccordement de chariots à levage 2760 mm.

Lift and slide carriages connection flat bar 2760 mm.



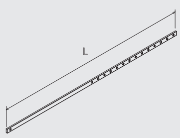
EL233011

Pletina conexión de carros elevable 1760 mm.

Placa de ligação de carris elevável 1760 mm.

Plaque raccordement de chariots à levage 1760 mm.

Lift and slide carriages connection flat bar 1760 mm.



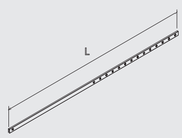
EL233012

Pletina conexión de carros elevable 1260 mm.

Placa de ligação de carris elevável 1260 mm.

Plaque raccordement de chariots à levage 1260 mm.

Lift and slide carriages connection flat bar 1260 mm.



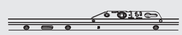
EL233013

Pletina conexión de carros elevable 756 mm.

Placa de ligação de carris elevável 756 mm.

Plaque raccordement de chariots à levage 756 mm.

Lift and slide carriages connection flat bar 756 mm.



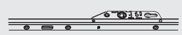
EL234501

Frente falleba elevable LS200 (1800-2100 mm).

Frente tranqueta elevável LS200 (1800-2100 mm).

Plaque espagnolette LS200 (1800-2100 mm).

Espagnolette frontpiece LS200 (1800-2100 mm).



EL234502

Frente falleba elevable LS200 (2101-2400 mm).

Frente tranqueta elevável LS200 (2101-2400 mm).

Plaque espagnolette LS200 (2101-2400 mm).

Espagnolette frontpiece LS200 (2101-2400 mm).

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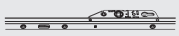


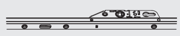
EL234503

Frente falleba elevable LS200 (2401-2700 mm).

Frente tranqueta elevável LS200 (2401-2700 mm).

Plaque espagnolette LS200 (2401-2700 mm).

Espagnolette frontpiece LS200 (2401-2700 mm).



EL234504

Frente falleba elevable LS200 1800mm (altura manilla 440 mm).

Frente tranqueta elevável LS200 (altura maçaneta 440 mm).

Plaque espagnolette LS200 (hauteur poignée 440 mm).

Espagnolette frontpiece LS200 (440 mm handle height).

EL234010

Prolong. frente falleba sin punto cierre 500 mm LS200 y LS400.

Prolong. barra cremone sens ponto de fecho 500 mm LS400 e LS200

Prolong. plaque espag. sans point de ferm. 500mm LS400/LS200.

LS400/LS200 extender espag. front without 500mm locking point.

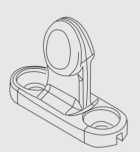
EL234011

Prolong. frente falleba con punto de cierre 500 mm LS200/LS400.

Prolong. barra cremone con ponto de fecho 500mm LS200/LS400.

Prolong. plaque espag. avec point de ferm. 500 mm LS200/LS400.

Extender espag. front with 500 mm locking point. LS200/LS400.



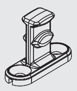
EL234039

Cerradero elevable con punta de flecha LS200 y LS400.

Fecho elevável ponta de flecha LS200 - LS400.

Gâche à levage de pointe de flèche LS200 - LS400.

Lift and slide arrowhead striker LS200 - LS400.



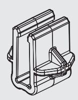
EL234021

Cerradero microventilación elevable LS200 y LS400.

Fecho de microventilação elevável LS200 y LS400.

Gâche microventilation à levage LS200 y LS400.

Lift and slide microventilation striker LS200 y LS400.



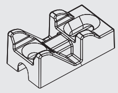
EL237101

Calzo pletina de conexión elevable LS200 y LS400.

Calço de placa de ligação elevável LS200 e LS400.

Cale plaque de raccordement à levage LS200 et LS400.

Lift and slide connection flat bar chock, LS200 and LS400.



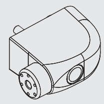
EL234322

Cerradero horizontal elevable para 3 y 4 hojas LS200.

Fecho horizontal elevável para 3 e 4 folhas LS200.

Gâche horizontal à lévage pour 3 et 4 vantaux LS200.

Horizontal lift&slide striker for 3 and 4 sashes LS200.



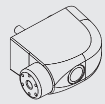
EL234025

Tope final de carrera elevable blanco.

Batente de extremidade elevável branco.

Butoir fin de course à lévage blanc.

White lift&slide limit stop.



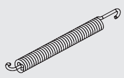
EL234026

Tope final de carrera elevables negro.

Batente de extremidade elevável negro.

Butoir fin de course à lévage noir.

Black lift&slide limit stop.



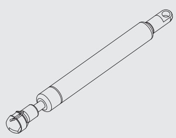
EL237001

Kit resorte compensador (para hojas > 200 kg).

Kit de mola compensadora (para folhas > 200 kg).

Kit ressort compensateur (pour vantaux > 200 kg).

Compensator spring kit (for sashes > 200 kg).



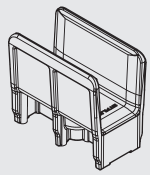
EL237002

Cilindro amortiguador SOFT LIFT (150-250 kg).

Cilindro amortecedor SOFT LIFT (150-250 kg).

Barillet amortisseur SOFT LIFT (150-250 kg).

SOFT LIFT cylinder damper (150-250 kg).



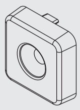
CEN88E

Centrador superior hojas elevables.

Centrador superior folhas elevávels.

Centreur supérieur ouvrants à levage.

Upper centring piece of lift and slide sashes.



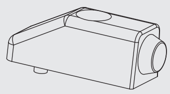
TPT88

Tope fin de carrera elevable.

Batente de extremidade elevável.

Butoir fin de course à levage.

Lift and slide limit stop.



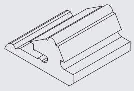
TPT2020

Tope fin de carrera corredera deslizante.

Batente de extremidade para folha de correr.

Bout fin de cours pour ouvrant coulissant.

Limit switch stop for sliding sash.



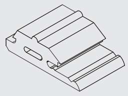
GR4

Grapa canal estrecho fijación solapes.

Grampo de canal estreito de fixação sobreposta.

Agrafe canal étroit fixation chevauchements.

Narrow channel clamp for fixation of joint cover.



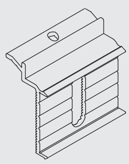
GR5

Grapa de canal ancho para fijación solapes.

Grampo de canal largo para fixação de sobreposições.

Agrafe à canal large pour fixation de rabats.

Wide groove clamp for joint cover fixing.



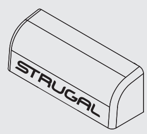
GR45M

Grapa de aluminio para solapes 7187, 7196 y 7386.

Grapa de alumínio para remate 7187, 7196 e 7386.

Agrafe en aluminium pour couvre-join 7187, 7196 et 7386.

Aluminium clamp for 7187, 7196 and 7386 joint covers.



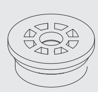
DF4

Deflector con trampilla 20x5 mm.

Deflector com tampa 20x5 mm.

Buse à clapet anti-retour 20x5 mm.

Deflector with hatch 20x5 mm.



TY425

Válvula desagües taladro Ø 12 mm.

Válvula de drenagem de perfuração Ø 12 mm.

Soupape drainage trou Ø 12 mm.

Ø 12 mm drill draining valve.

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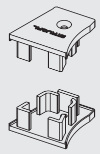


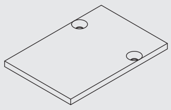
TP4836

Juego tapas refuerzo ref.4836.

Jogo de tampas de feforço ref.4836.

Jeu de bouchons renfort ref.4836.

Reinforcement covers set, ref.4836.



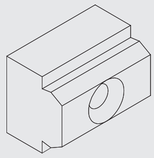
TP7136

Tapa aluminio ref. 7136.

Tampa alumínio ref. 7136.

Bouchon aluminium ref. 7136.

Aluminium covering, ref. 7136.



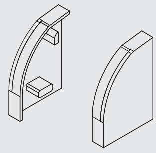
TC1760

Taco vierteaguas para ref. 1760.

Taco pingadeira para ref. 1760.

Taquet rejet d'eau pour ref. 1760.

Flashing block for ref. 1760.



TP1760

Juego tapas laterales vierteaguas ref. 1760.

Jogo tampas laterais pingadeira ref. 1760.

Jeux bouchons latéraux rejet d'eau ref. 1760.

Flashing side block set for ref. 1760.

POL48X5

Espuma poliolefina 48x5 mm, adhesivo a una cara.

Espuma poliolefina 48x5 mm adesivo de um lado.

Mousse polyoléfine 48x5 mm adhésif à une face.

48x5 mm polyolefin foam single-sided adhesive.

POL34X5

Espuma poliolefina 34x5 mm, adhesivo a una cara.

Espuma poliolefina 34x5 mm adesivo de um lado.

Mousse polyoléfine 34x5 mm adhésif à une face.

34x5 mm polyolefin foam single-sided adhesive.

JUNTAS Y FELPAS | Juntas e pelúcias | Joints et soint brosses | Gaskets and plushes

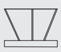
FP78TF

Felpa 7x8 TRIFIN negro.

Felpo 7x8 TRIFIN preto.

Joint brosse 7x8 TRIFIN noir.

Plush 7x8 TRIFIN black.



FP75TF

Felpa 7x5 mm TRIFIN.

Felpo 7x5 mm TRIFIN.

Joint brosse 7x5 mm TRIFIN.

TRIFIN plush 7x5 mm.

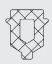
FP79F

Felpa 7x7 mm con lámina central (FINSEAL) en negro.

Pelúcia 7x7 mm con lámina central (FINSEAL) preto.

Joint brosse 7x9 mm fin-seal noir (FINSEAL).

Plush 7x9 mm fin-seal black (FINSEAL).



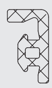
JU88T

Junta taparaíl marcos.

Junta tapa-calhas de caixilhos.

Joint cache-rail cadres.

Rail cover gasket casements.



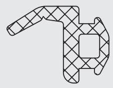
JU88M

Junta monocarril.

Junta de carril simples.

Joint monorail.

Monorail gasket.



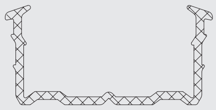
JU88E

Junta inferior hoja elevable.

Junta inferior de folha elevável.

Joint inférieur vantail à levage.

Lifting sash lower gasket.



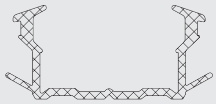
GOU32H36

Junta en “U” 32 mm para hueco 36 mm.

Junta em “U” de 32 mm para espaço de 36 mm.

Joint en “U” 32 mm pour vide 36 mm.

“U” gasket 32 mm for 36 mm space.



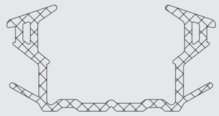
GOU28H36

Junta en “U”28 mm para hueco 36 mm.

Junta em “U” de 28 mm para espaço de 36 mm.

Joint en “U” 28 mm pour vide 36 mm.

“U” gasket 28 mm for 36 mm space.



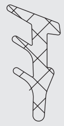
GOU24H36

Junta en “U” 24 mm para hueco 36 mm.

Junta em “U” de 24 mm para espaço de 36 mm.

Joint en “U” 24 mm pour vide 36 mm.

“U” gasket 24 mm for 36 mm space.



GO02

Junta interior acristalamiento 2 mm.

Vedante interior envidraçado 2 mm.

Joint intérieur vitrage 2 mm.

2 mm inner glazing gasket.

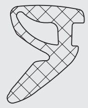
GO03

Junta interior acristalamiento 3 mm.

Junta interior de envidraçamento 3 mm.

Joint intérieur pour vitrage 3 mm.

3 mm internal glazing seal.



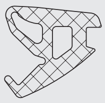
GO05

Junta interior acristalamiento 5 mm.

Junta interior de envidraçamento 5 mm.

Joint intérieur pour vitrage 5 mm.

5 mm internal glazing seal.



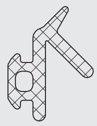
GO08

Junta interior acristalamiento 8 mm.

Junta interior de envidraçamento 8 mm.

Joint intérieur pour vitrage 8 mm.

8 internal glazing seal.



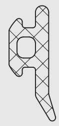
GO401

Junta estanquidad marco.

Junta impermeabilização aro.

Joint étanchéité dormant.

Frame sealing gasket.



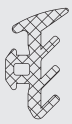
GO402

Junta exterior acristalamiento / Junta estanquidad marco.

Vedante exterior envidraçado / Joint Étanchéité aro.

Joint ext. vitrage / Joint étanchéité dormant.

Outer glazing gasket / frame sealing gasket.



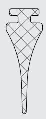
GO74AEXT

Junta exterior acristalamiento 3 mm.

Junta exterior de envidraçamento 3 mm.

Joint extérieur pour vitrage 3 mm.

External glazing seal 3 mm.



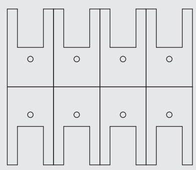
GO01760

Junta exterior vierteaguas 1760.

Junta exterior pingadeira 1760.

Junta exterior vierteaguas 1760.

1760 outer flashing gasket.



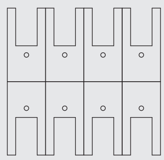
JU88HD

Juego junta estanquidad hoja deslizante.

Junta de vedação de folha deslizante.

Joint d’étanchéité vantail coulissant.

Sealing gasket sliding sash.



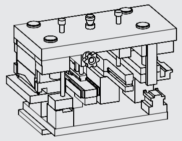
JU88HE

Juego junta estanquidad hoja elevable.

Jogo junta de vedação de folha elevável.

Ensemble joint d’étanchéité vantail à levage.

Sealing gasket lifting sash set.



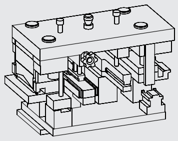
MA88-75

Matriz.

Matriz.

Matrice.

Die.



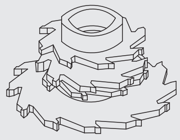
MA88T

Molde troquelado auxiliar tapetas.

Molde auxiliar de corte sob pressão para tampas.

Moule de découpage auxiliaire capots.

Auxiliary die mould for placket.



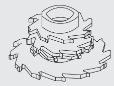
FR88MD

Juego de fresas monocarril.

Jogo de fresas monocarril.

Jeux de fraise monorail.

Monorail set of hilling cutters.



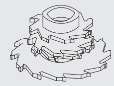
FR88HE

Juego de fresas hoja lateral elevable.

Jogo de fresas de folha lateral elevável.

Jeux de fraise ouvrant latéral à levage.

Lift and slide side sash set of hilling cutters.



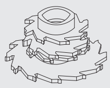
FR88HC

Juego de fresas hoja central con corte sierra.

Conjunto de fresas de lâmina central com corte de serra.

Jeu de fraises ouvrant central avec trait de scie.

Mill set central sash with serrated edge.



FR88G

Juego de fresas galandage.

Jogo de fresas galandage.

Jeux de fraise galandage.

Pocket set of hilling cutters.

STRUGAL **S88RP**

SECCIONES
Secções
Sections
Sections

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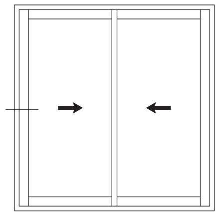
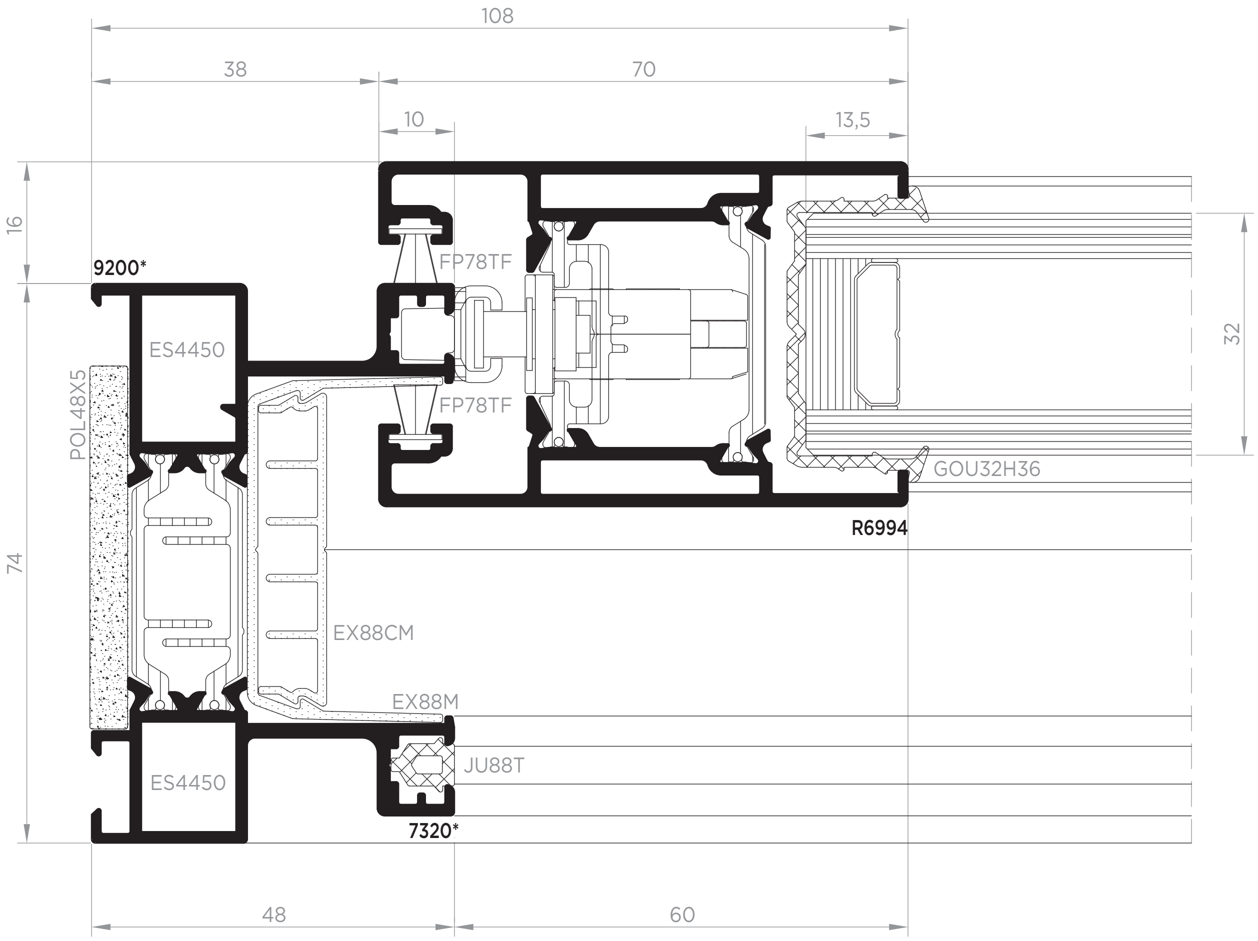


Sección lateral izquierda [Hoja deslizante] | Seção lateral esquerda [Folha deslizante] | Section latérale gauche [Vantail coulissant] | Left side section [Sliding sash]



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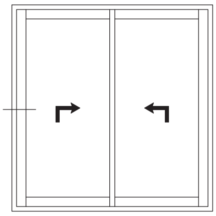
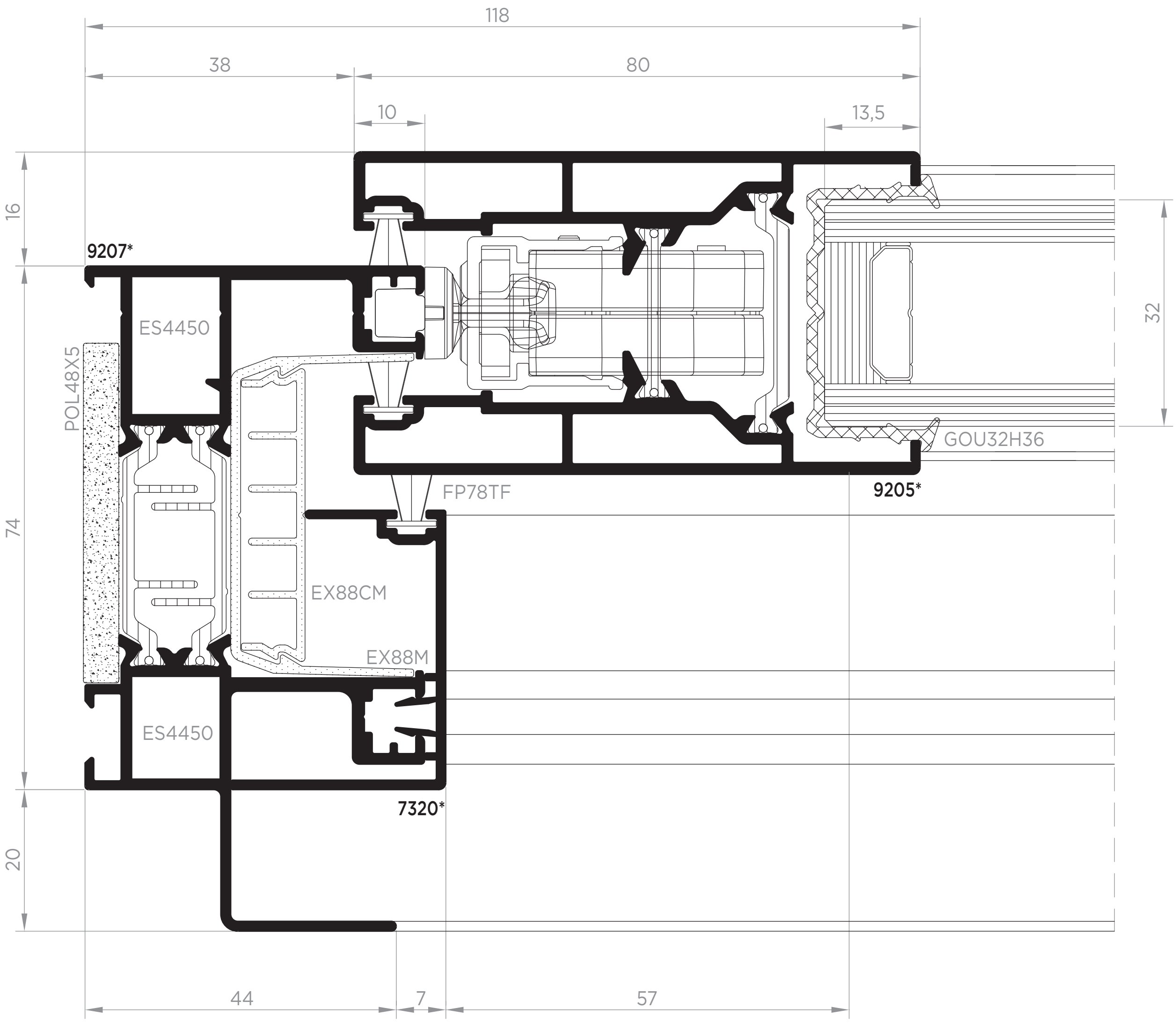
Sección lateral con tapeta embellecedora interior [Hoja elevable] | Seção lateral com remate decorativo interior [Folha elevável] | Section latérale avec cache esthétique intérieur [Vantail à levage] | Side section with inner trim mat [Lift and slide sash]





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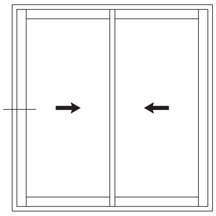
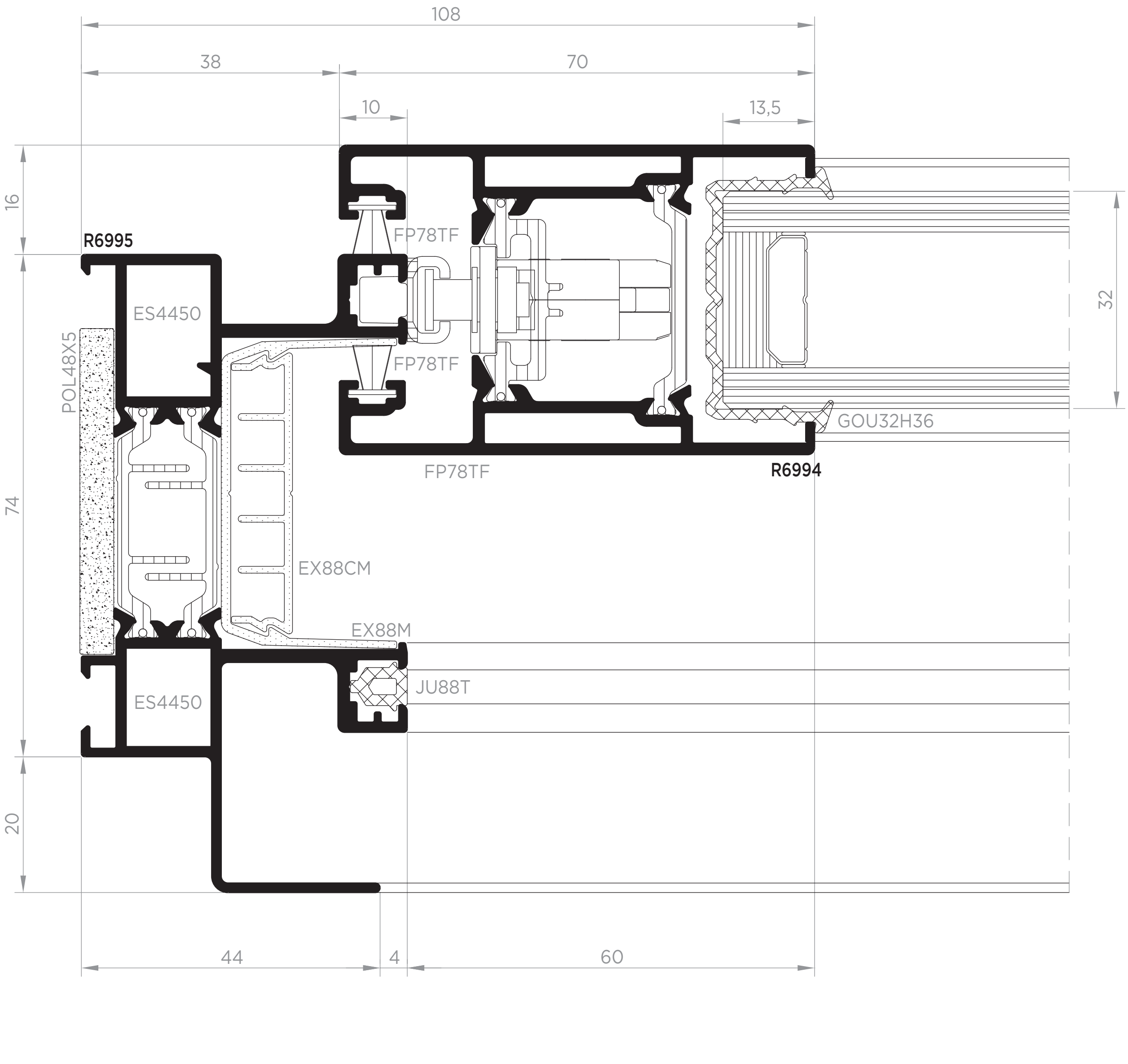


Sección lateral con marco recoge-condensación [Hoja deslizante] | Seção lateral com aro recolha da condensação [Folha deslizante] | Section latérale avec dormant anti-condensation [Vantail coulissant] | Side section with condensation collection frame [Sliding sash]



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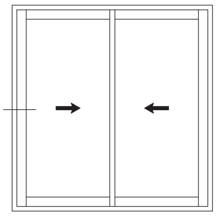
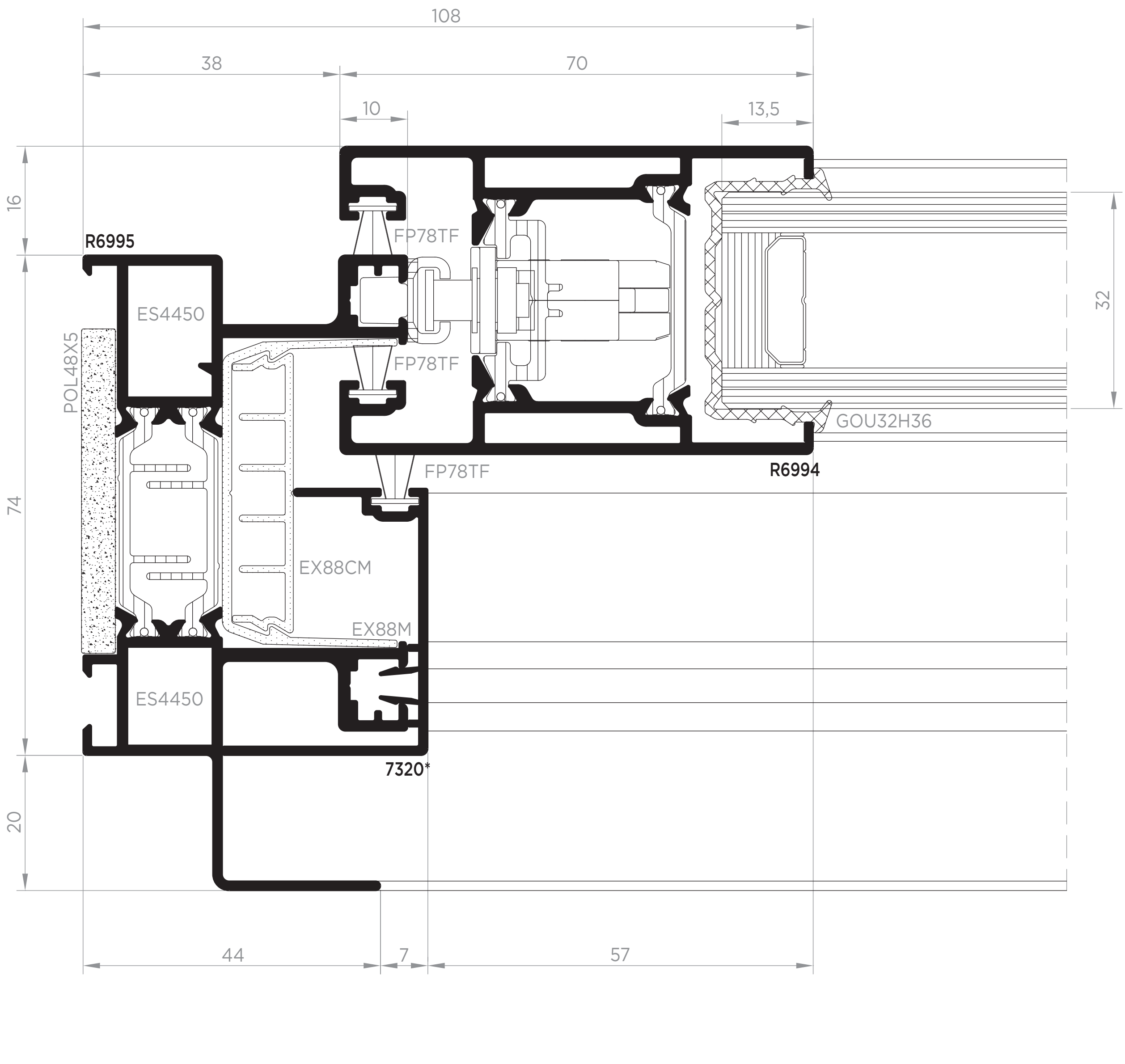


Sección lateral con marco recoge-condensación y tapeta embellecedora interior [Hoja deslizante]
Secção lateral com aro recolha da condensação e remate decorativo interior [Folha deslizante]
Section latérale avec dormant anti-condensation et cache esthétique intérieur [Vantail coulissant]
Side section with condensation collection frame and inner trim mat [Sliding sash]



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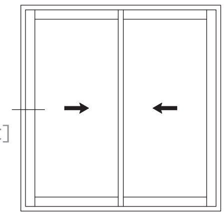
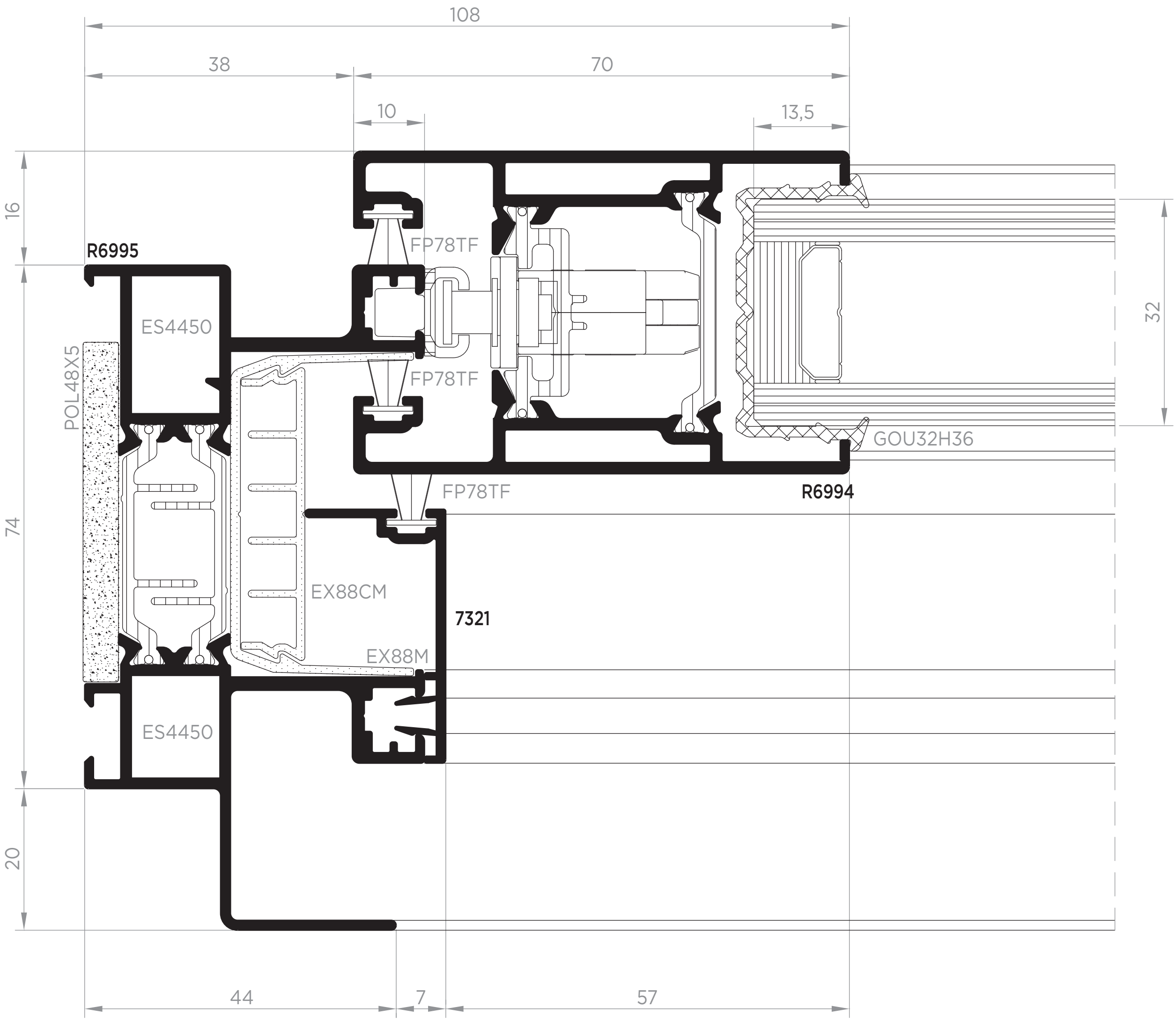
Sección lateral con marco recoge-condensación y tapeta embellecedora ref.: 7321 [Hoja deslizante]
Seção lateral com aro recolha da condensação remate decorativo ref.: 7321 [Folha deslizante]
Section latérale avec dormant anti-condensation et cache esthétique intérieur réf. : 7321 [Vantail coulissant]
Side section with condensation collection frame and trim mat ref.: 7321 [Sliding sash]





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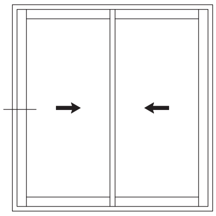
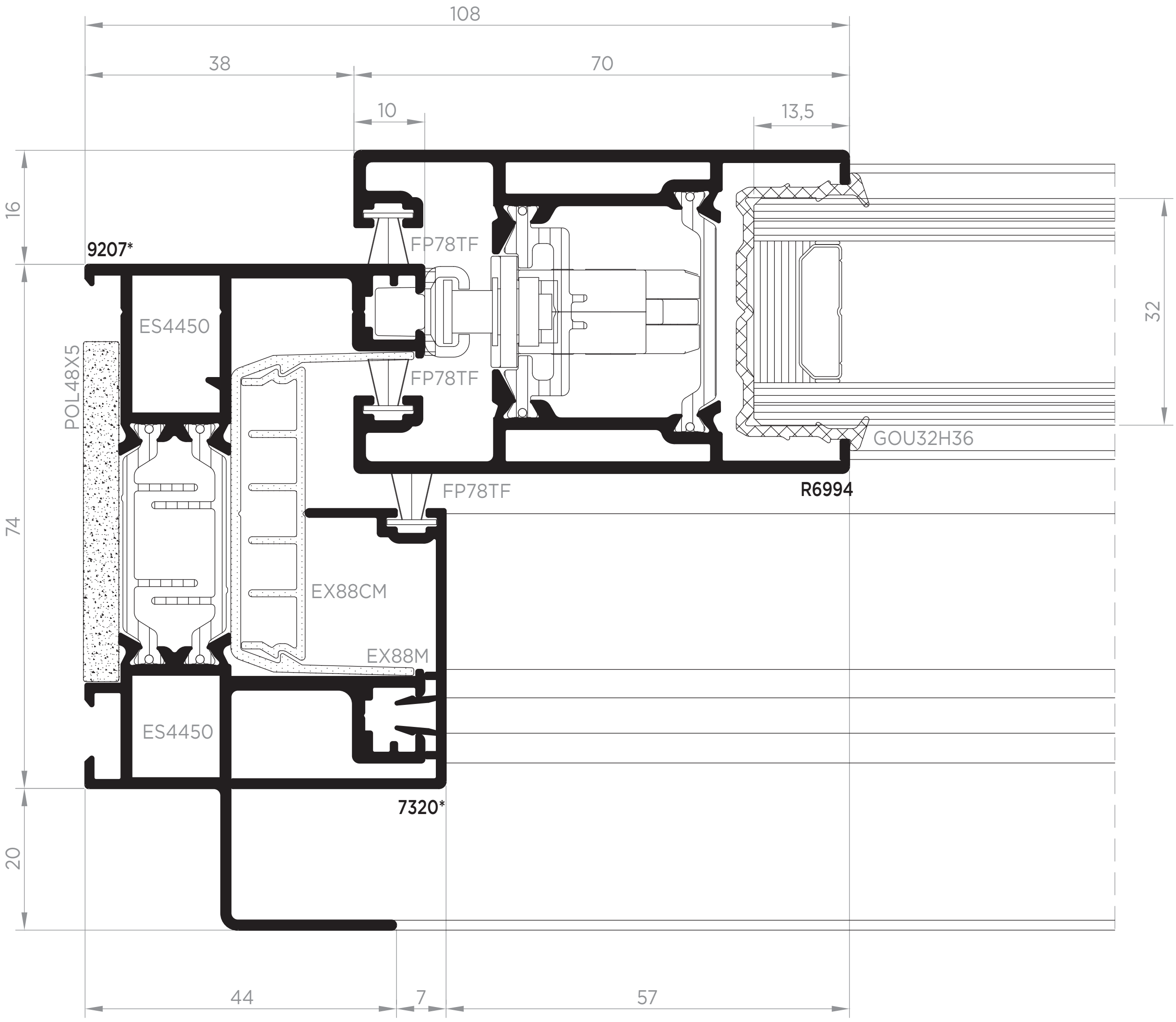
Sección lateral con marco galandage [Hoja deslizante] | Seção lateral com aro galandage [Folha deslizante] | Section latérale avec dormant à galandage [Vantail coulissant] | Side section with galandage frame [Sliding sash]





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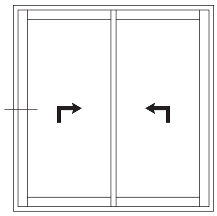
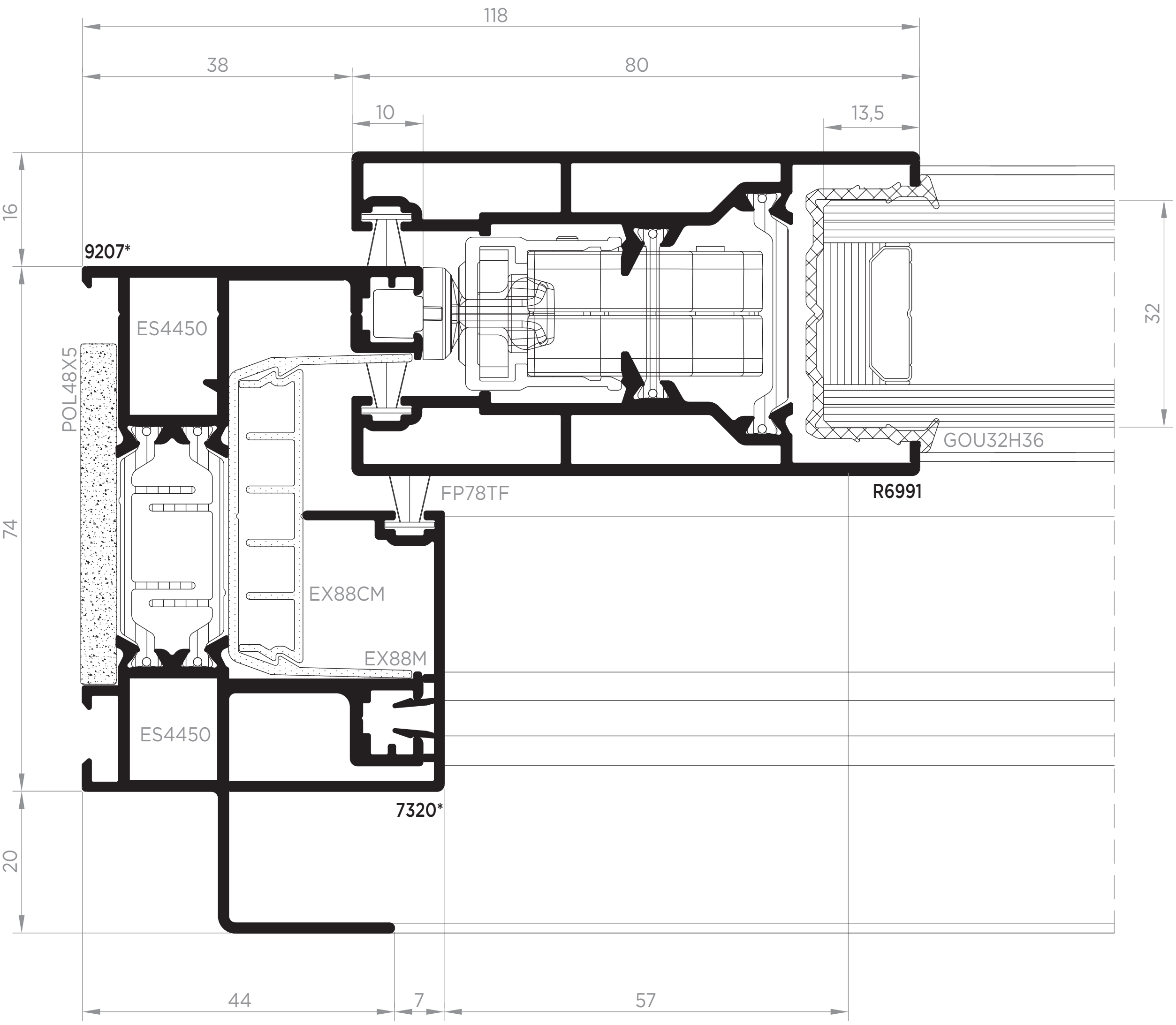
Sección lateral con tapeta embellecedora interior [Hoja elevable] | Seção lateral com remate decorativo interior [Folha elevável] | Section latérale avec cache esthétique intérieur [Vantail à levage] | Side section with inner trim mat [Lift and slide sash]





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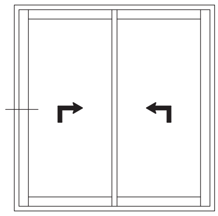
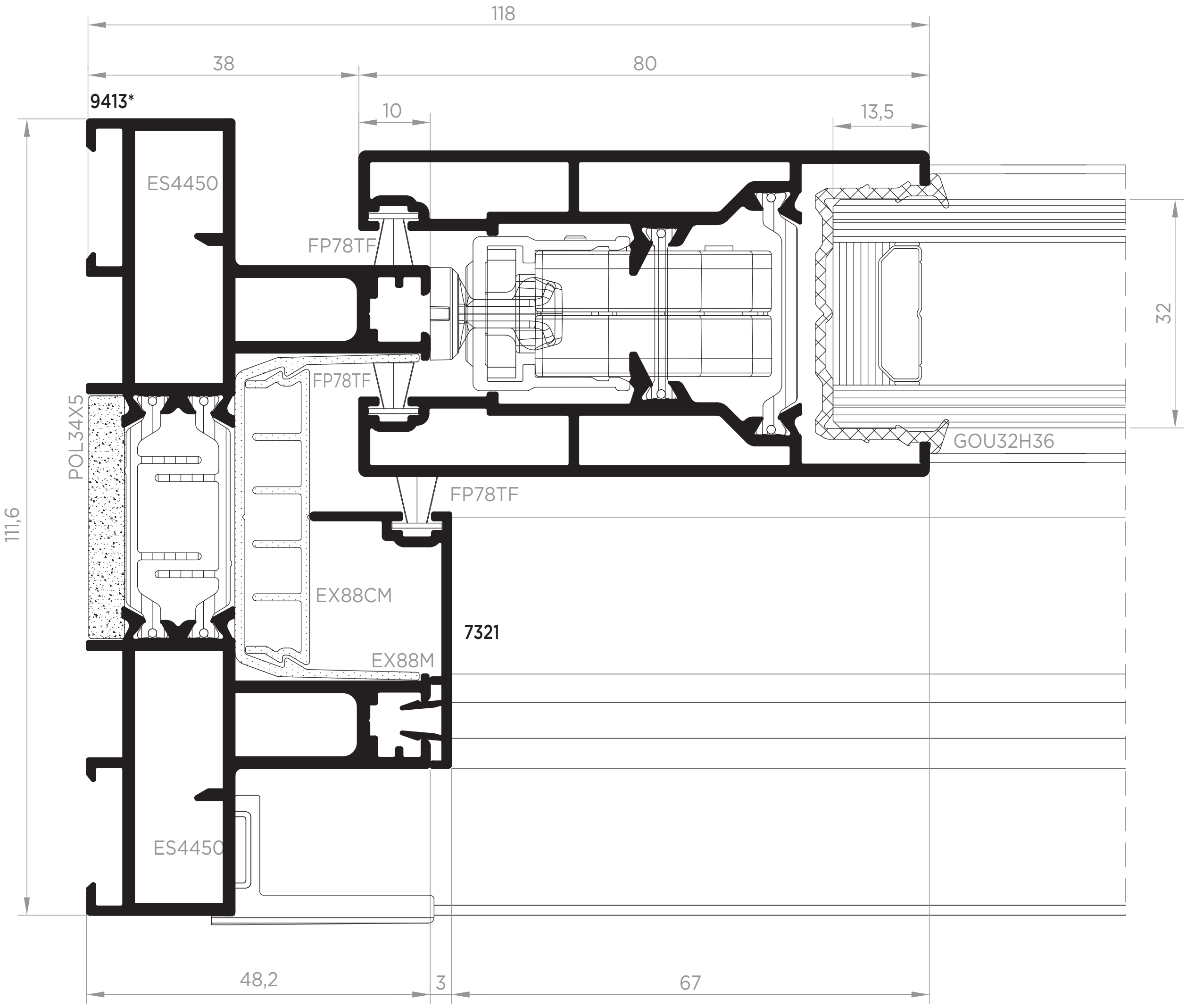
Sección lateral con marco reforzado de 112 mm y tapeta embellecedora interior [Hoja elevable]
Secção lateral com Aro reforçado de 112 mm e tampa de acabamento interior [Folha de elevável]
Séction inférieure avec dormant renforcé de 112 mm et capot embellisant intérieur [Vantail à levage]
Lateral section with 112 mm reinforced frame and internal embellisher profile [Lift and slide sash]





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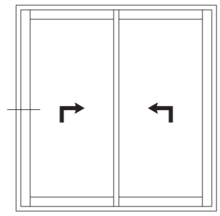
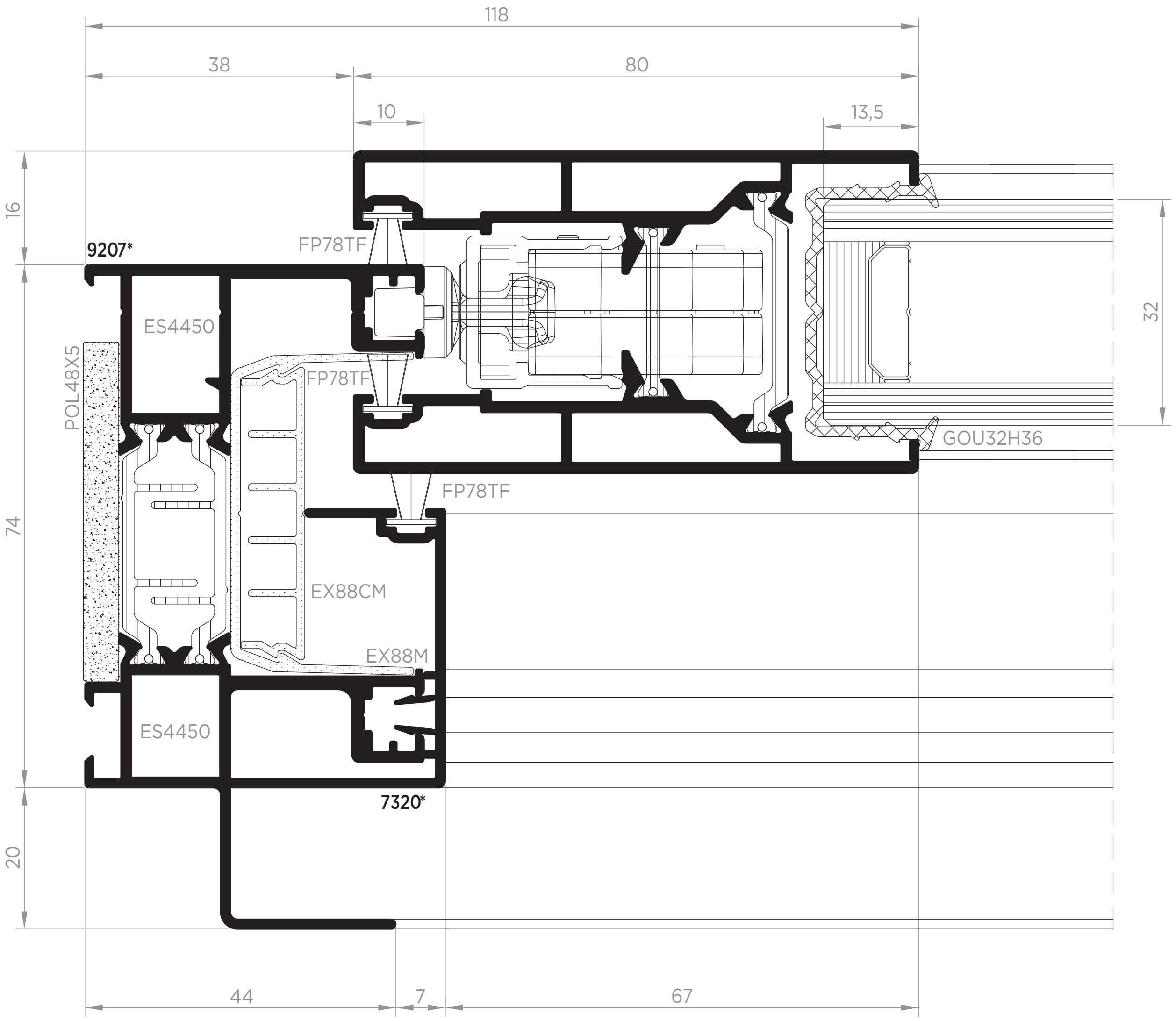
Sección lateral con marco galandage y tapeta embellecedora interior [Hoja elevable]
Seção lateral com aro galandage e remate decorativo interior [Folha elevável]
Section latérale avec dormant à galandage et cache esthétique intérieur [Vantail à levage]
Side section with galandage frame and inner trim mat [Lift and slide sash]





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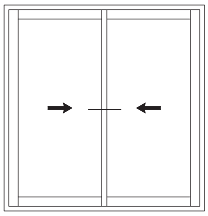
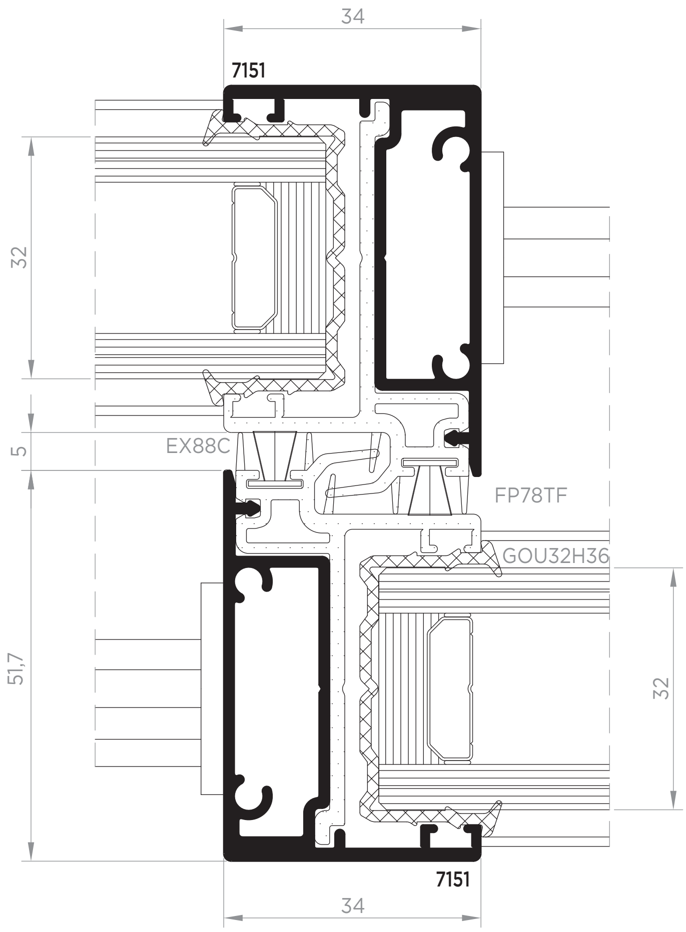
Sección central | Seção central | Section centrale | Central section





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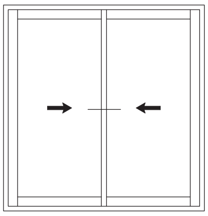
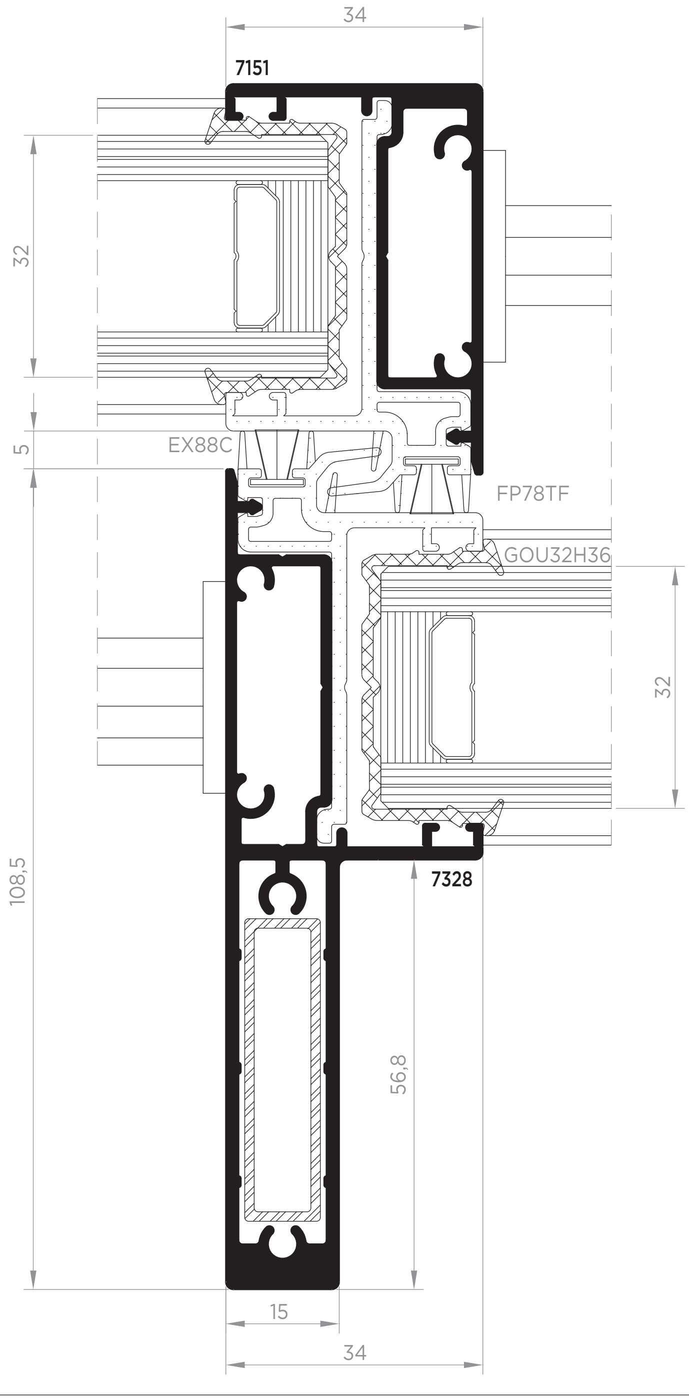
Sección central con hoja reforzada interior | Seção central com folha reforçada interior | Section centrale avec vantail renforcé intérieur | Central section with reinforced inner sash





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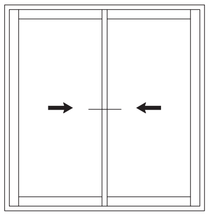
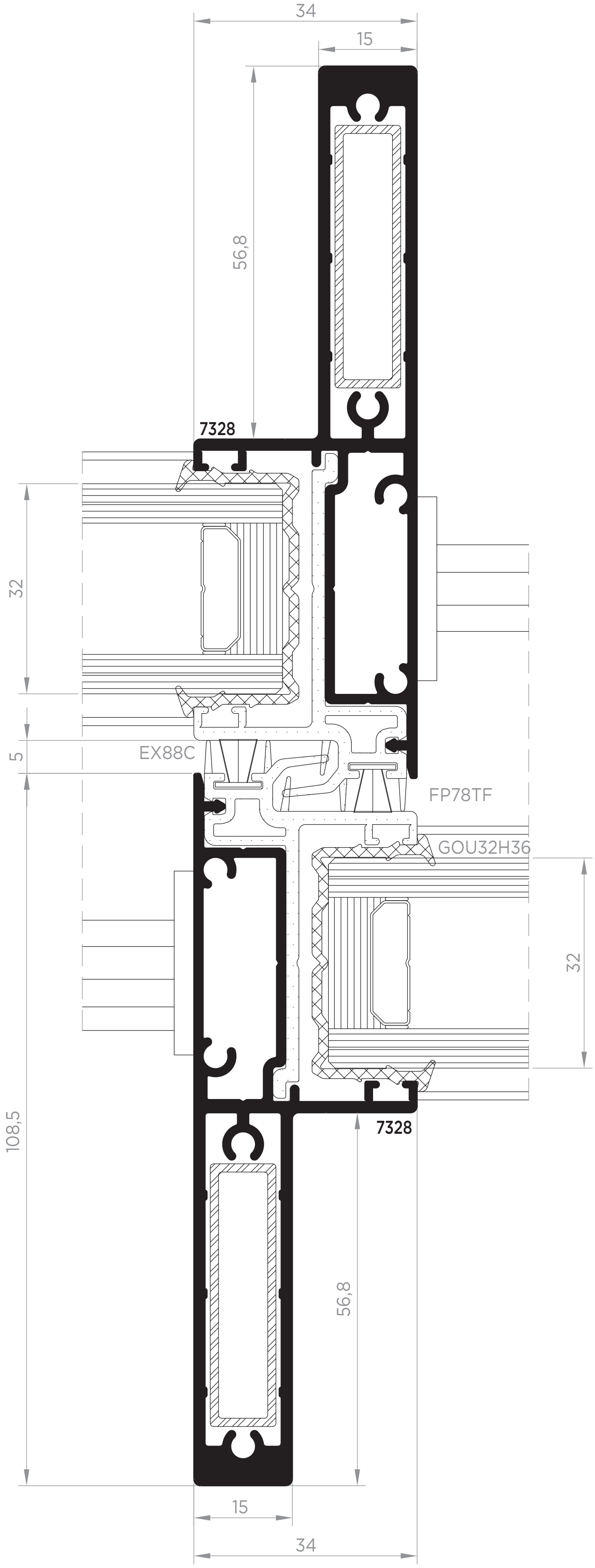
SECCIONES | Secções | Sections | Sections



Sección central con hoja reforzada en ambos lados | Seção central com folha reforçada em ambos os lados | Section centrale avec vantail renforcé des deux côtés | Central section with reinforced sash on both sides



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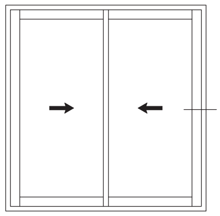
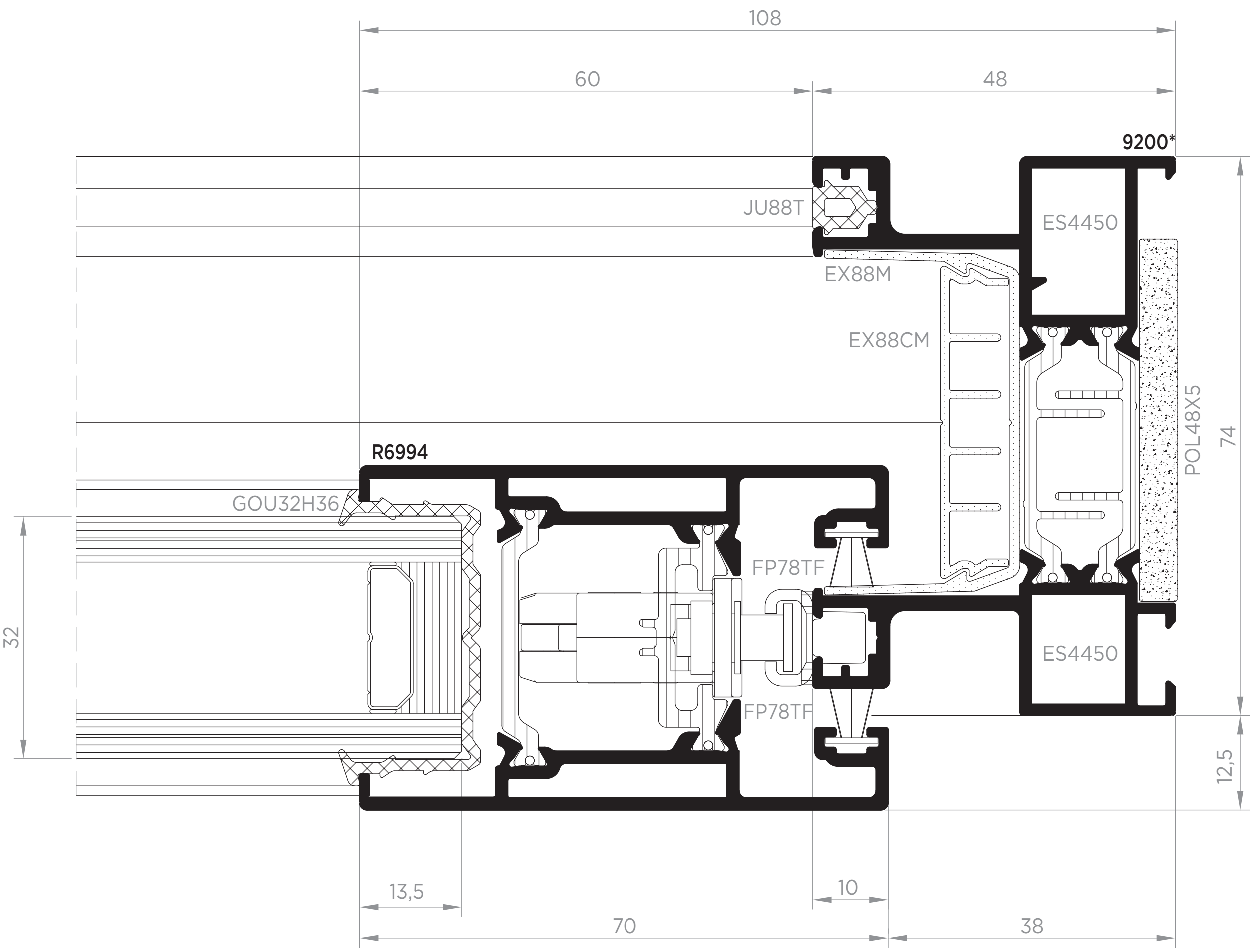
Sección lateral derecha [Hoja deslizante] | Seção lateral direita [Folha deslizante] | Section latérale droite [Vantail coulissant] | Right side section [Sliding sash]





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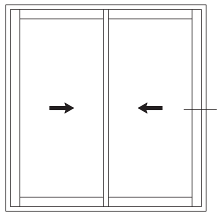
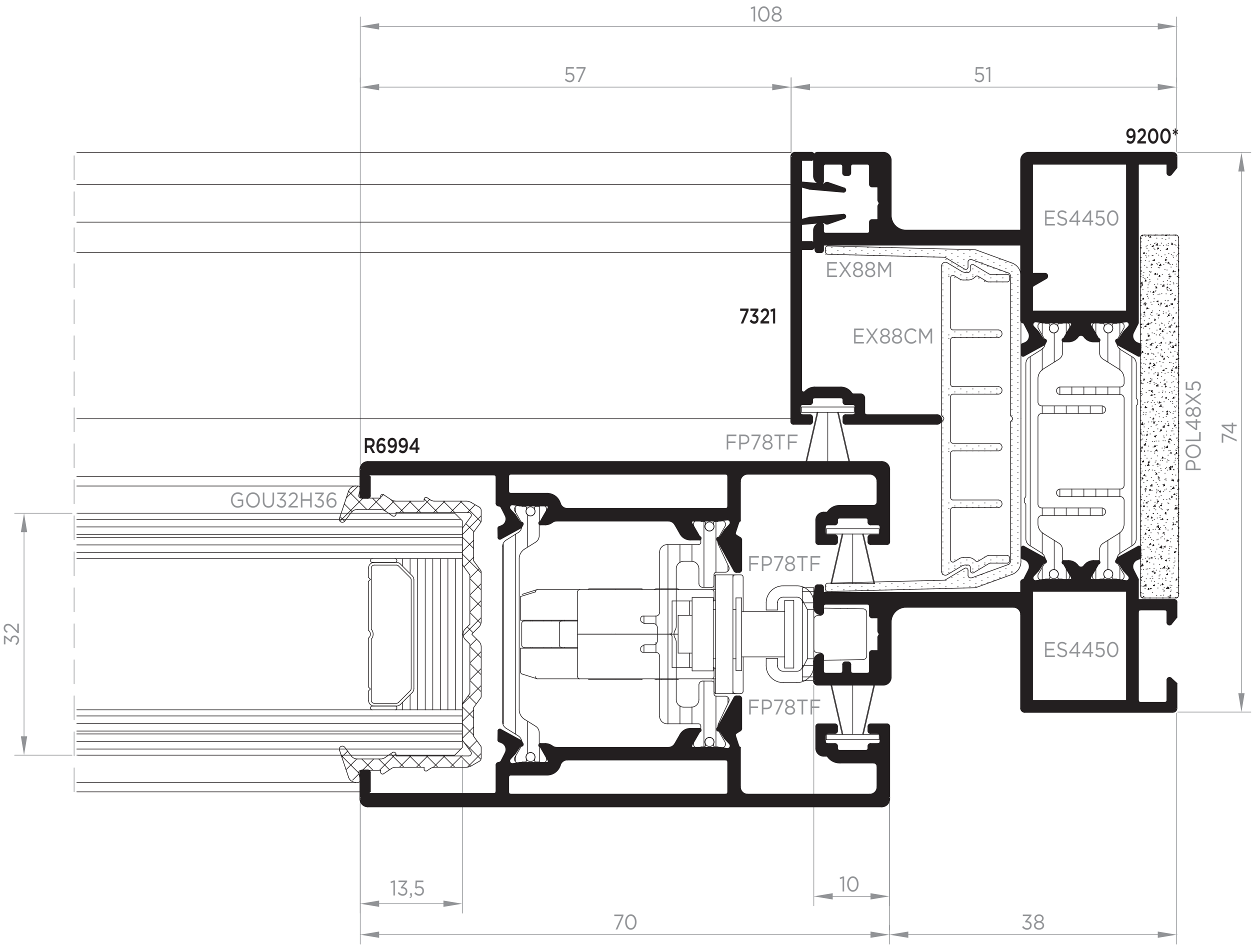
SECCIONES | Secções | Sections | Sections

Sección lateral con tapeta embellecedora exterior [Hoja deslizante] | Seção lateral com remate decorativo exterior [Folha deslizante] | Section latérale avec cache esthétique extérieur [Vantail coulissant] | Side section with outer trim mat [Sliding sash]





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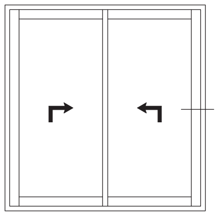
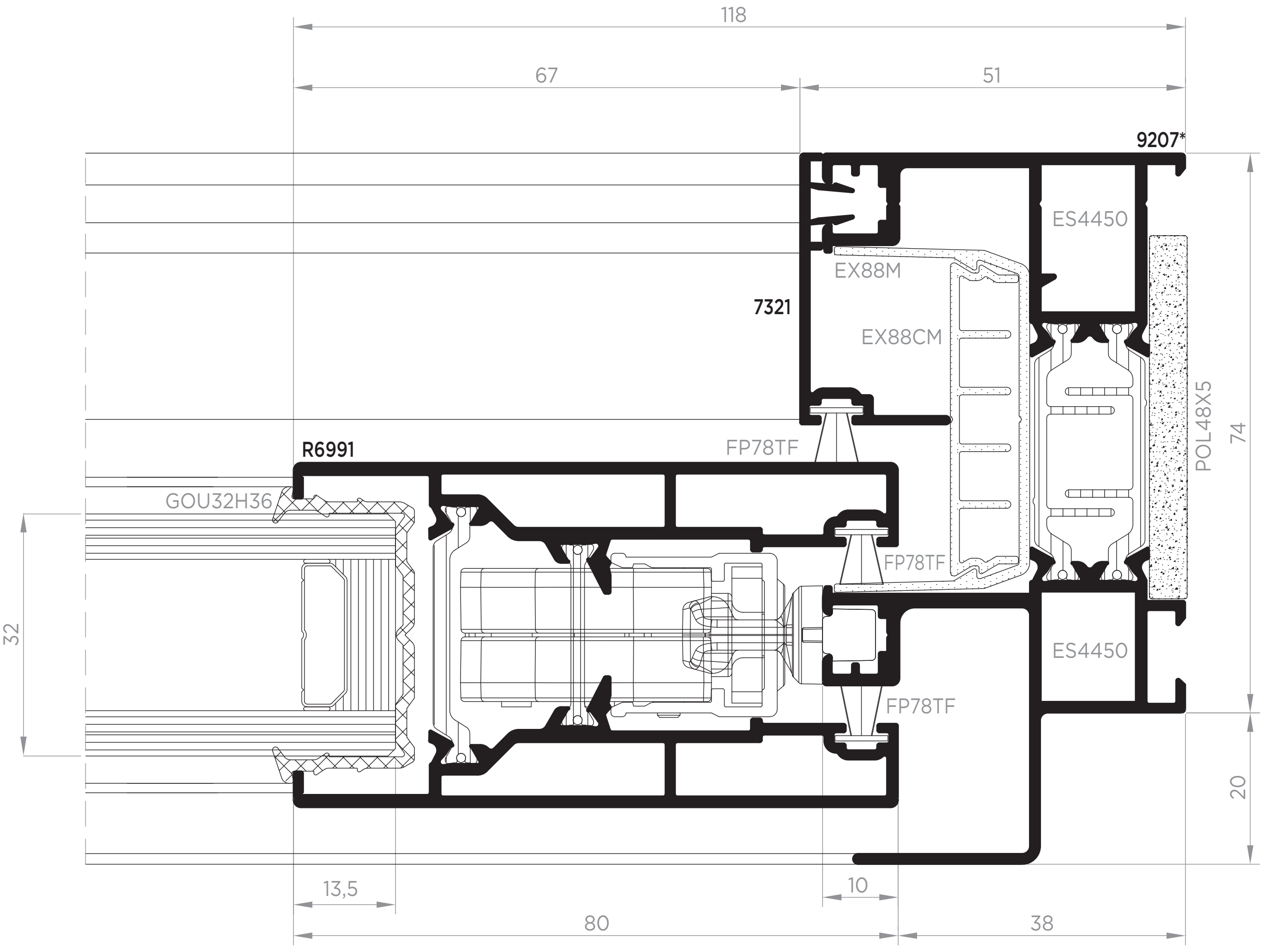
SECCIONES | Secções | Sections | Sections

Sección lateral con marco galandage y tapeta embellecedora exterior [Hoja elevable] | Seção lateral com aro galandage e remate decorativo interior [Folha elevável] | Section latérale avec dormant à galandage et cache esthétique intérieur [Vantail à levage] | Side section with galandage frame and inner trim mat [Lift and slide sash]





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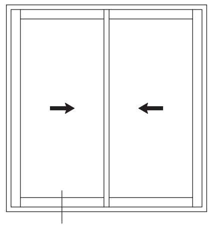
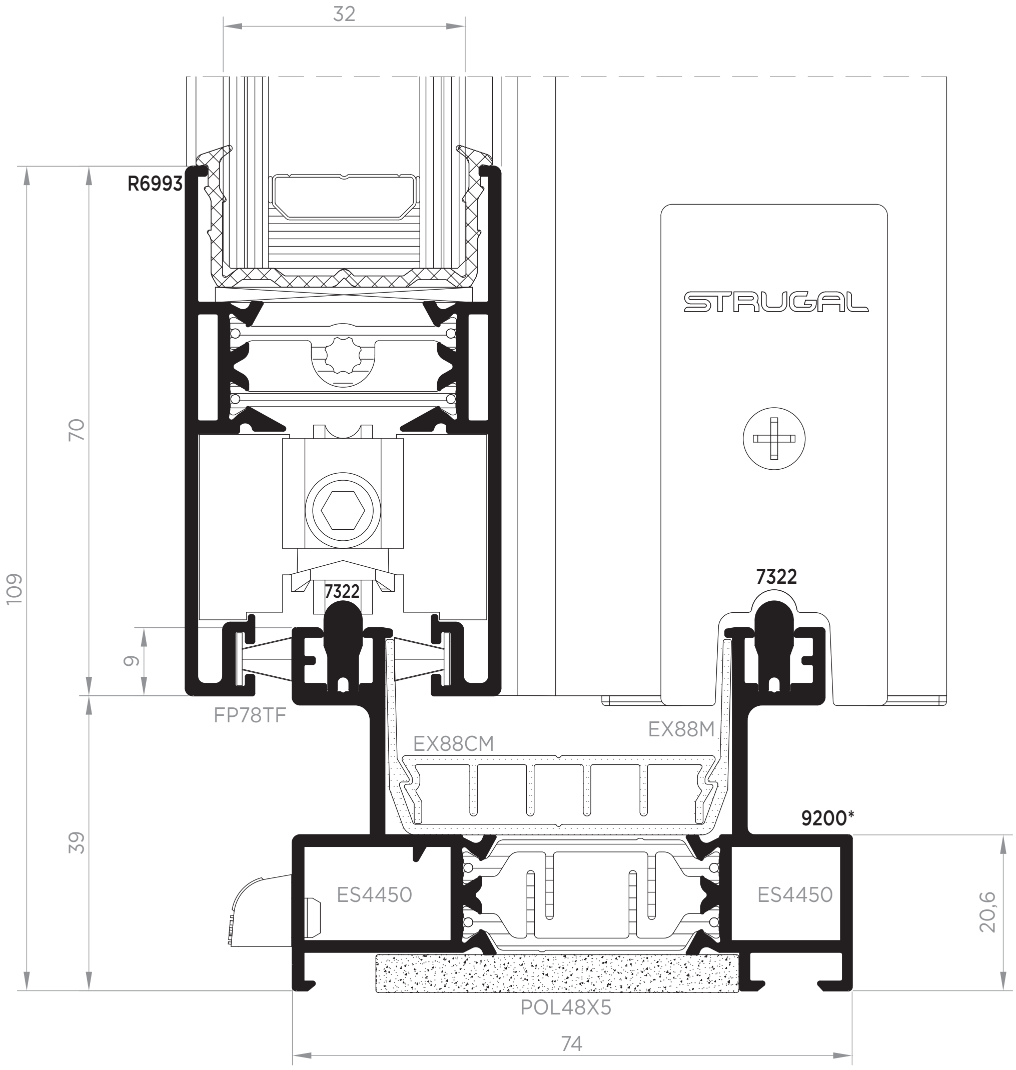
SECCIONES | Secções | Sections | Sections

Sección inferior [Hoja deslizante] | Seção inferior [Folha deslizante] | Section inférieure [Vantail coulissant] | Lower section [Sliding sash]





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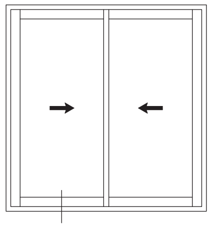
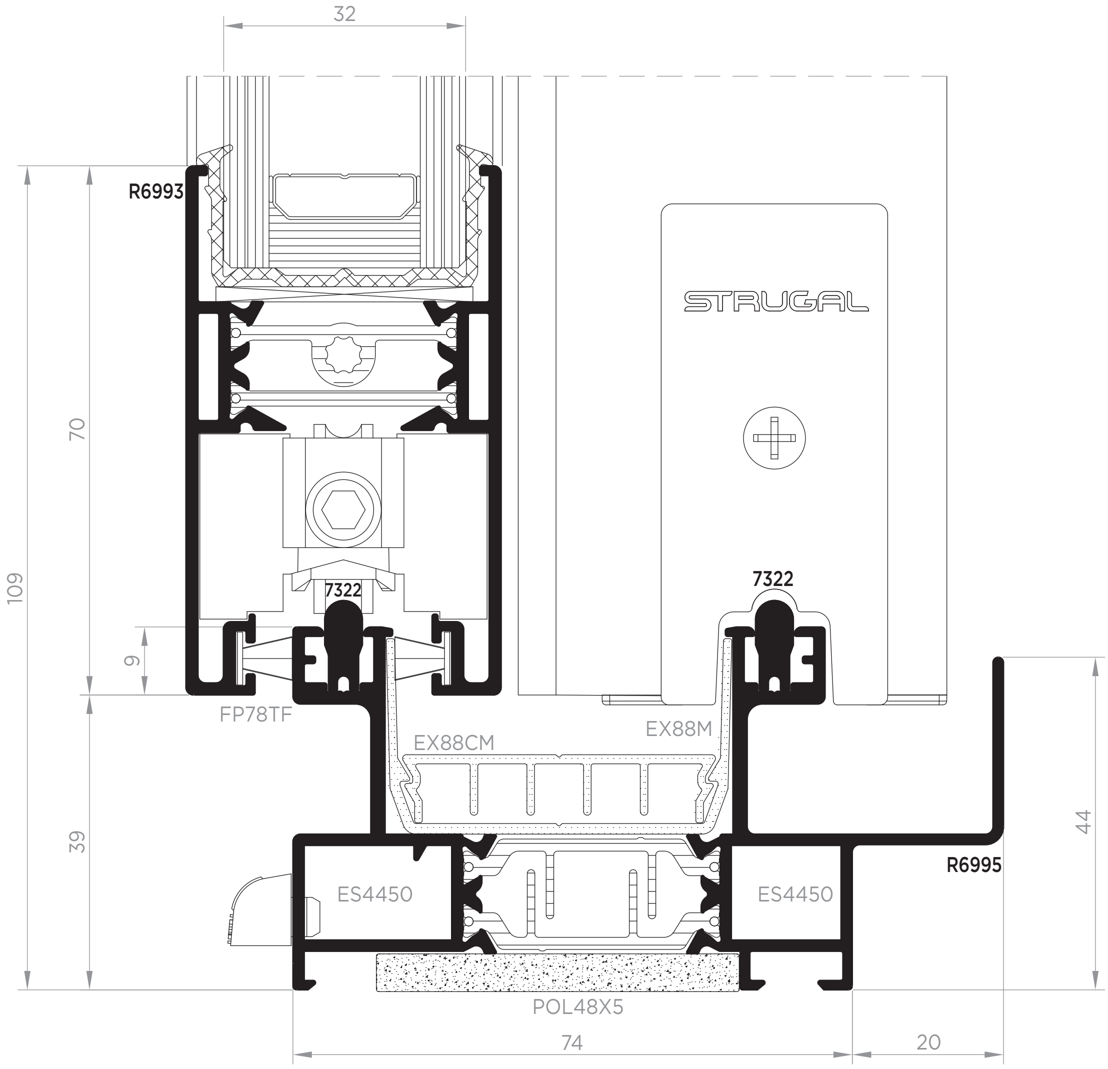
SECCIONES | Secções | Sections | Sections

Sección inferior con marco recoge-condensación [Hoja deslizante] | Seção inferior com arorrecolha da condensação [Folha deslizante] | Section inférieure avec dormant anti-condensation [Vantail] | coulissant] | Lower section with condensation collectionframe [Sliding sash]





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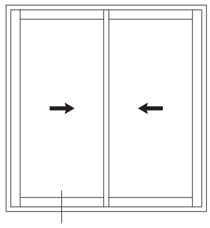
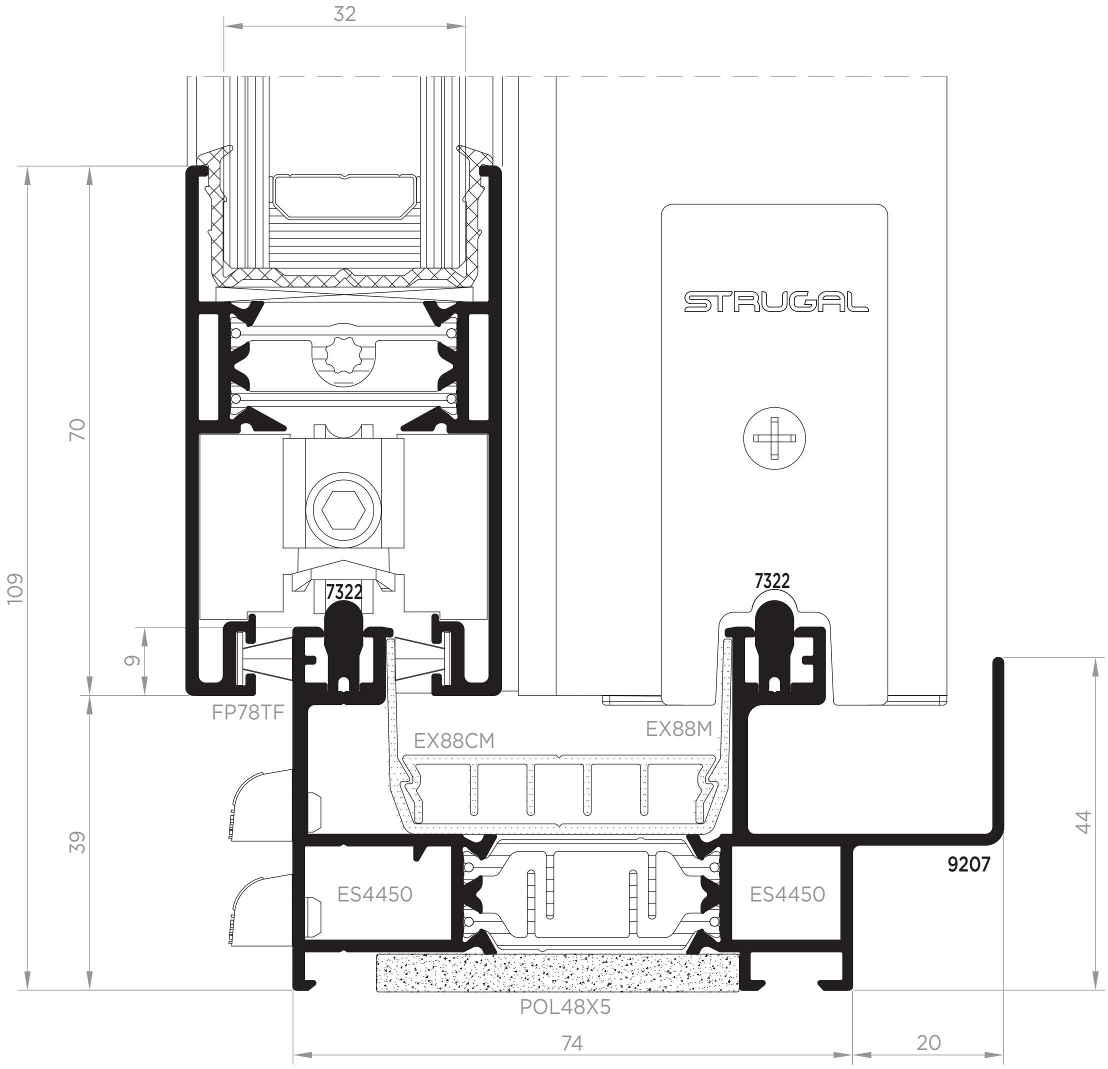
SECCIONES | Secções | Sections | Sections

Sección inferior con marco galandage [Hoja deslizante] | Seção inferior com aro de galandage [Folha deslizante] | Section inférieure avec dormant à galandage [Vantail coulissant] | Lower section with pocket frame [Sliding sash]





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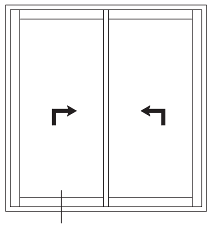
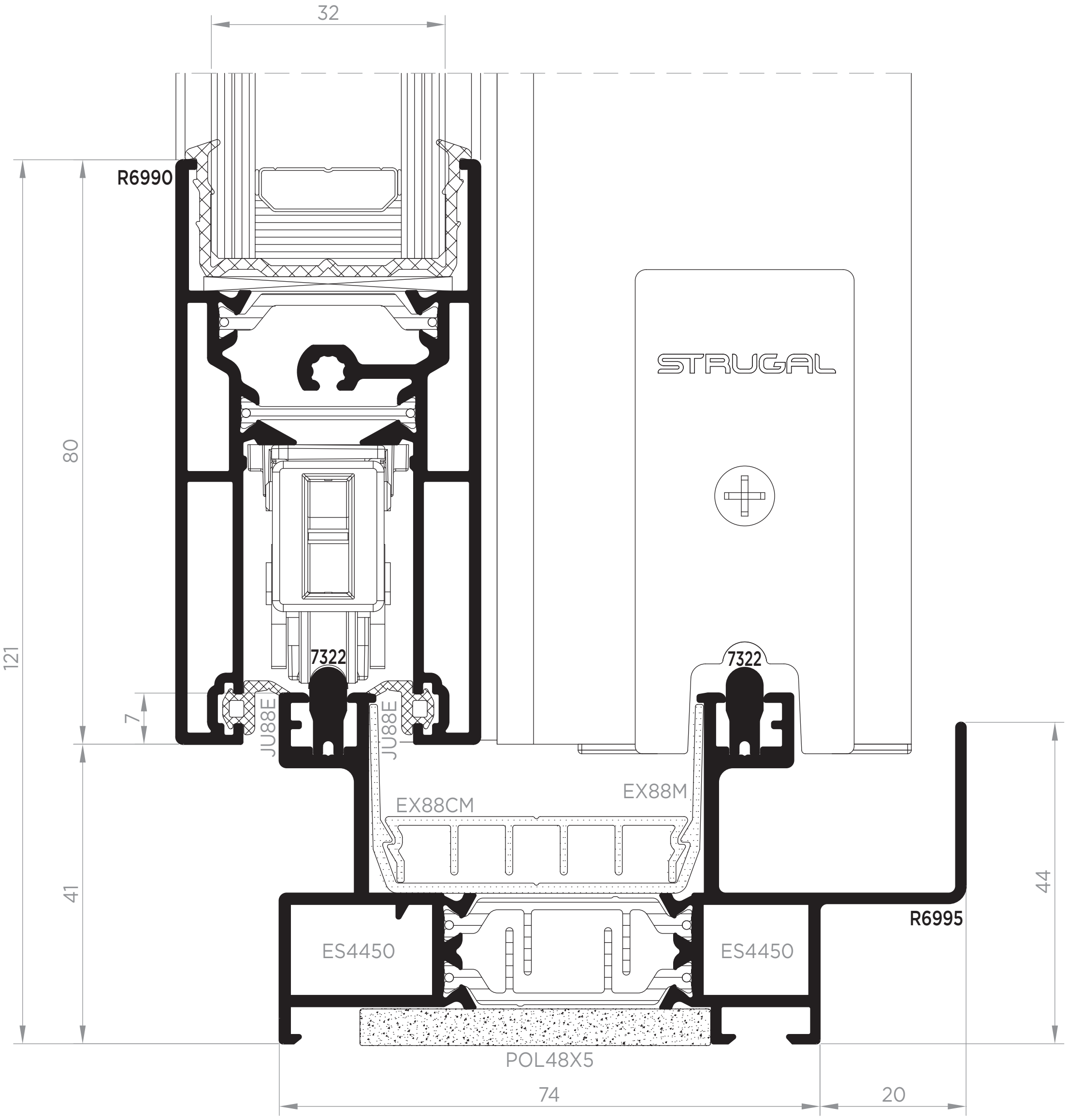
SECCIONES | Secções | Sections | Sections

Sección inferior con marco recoge-condensación [Hoja elevable] | Seção inferior com aro recolha da condensação [Folha elevável] | Section inférieure avec dormant anti-condensation [Vantail à levage] | Lower section with condensation collection frame [Lift and slide sash]





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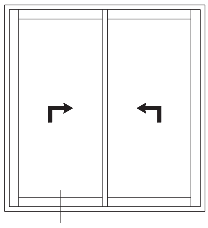
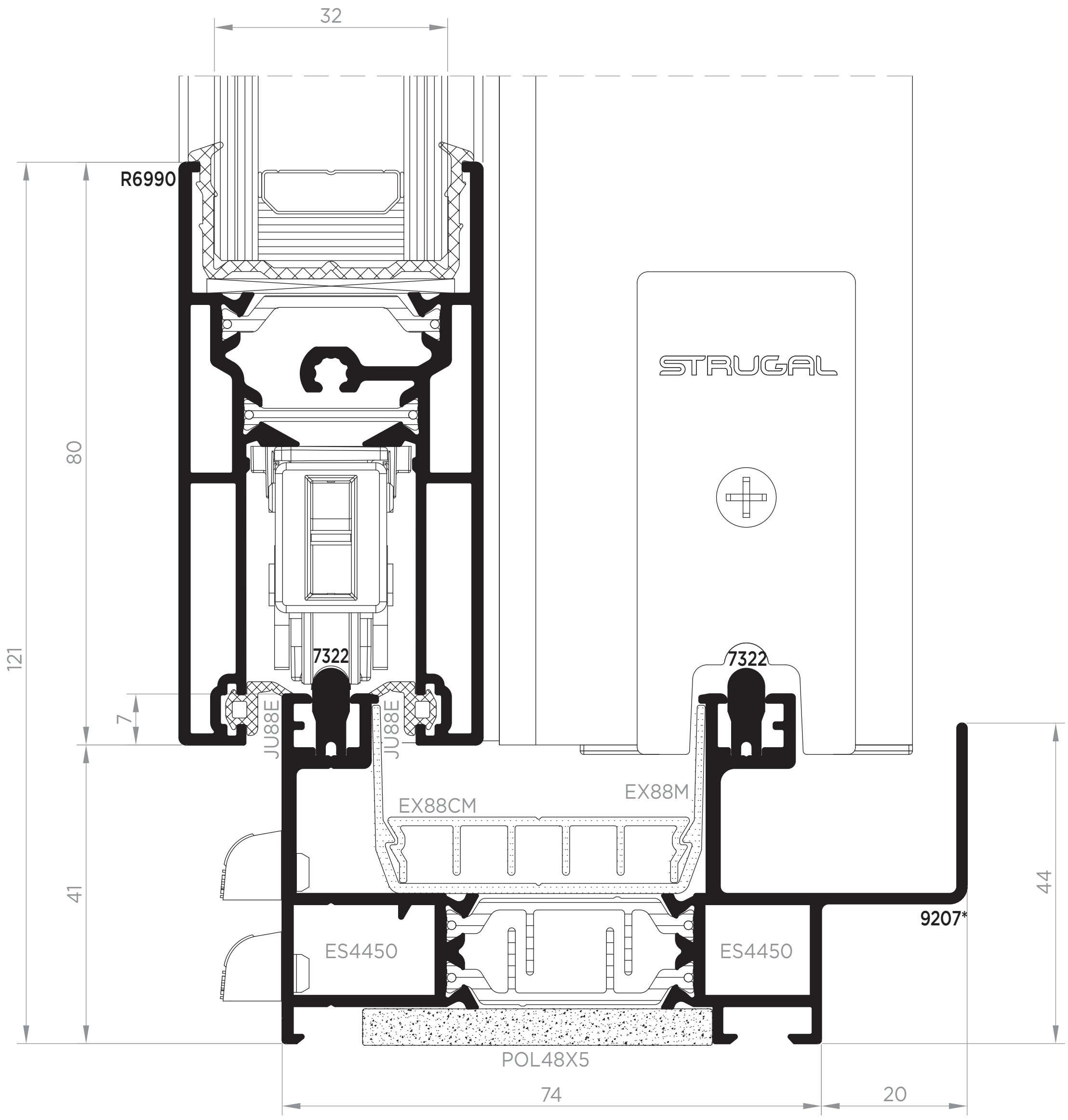
SECCIONES | Secções | Sections | Sections

Sección inferior con marco galandage [Hoja elevable] | Seção inferior com aro de galandage [Folha elevável] | nférieure avec dormant à galandage [Vantail à levage] | Lower section with pocket frame [Lift and slide sash]





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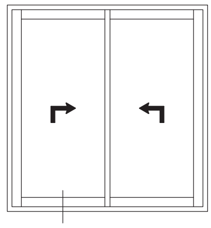
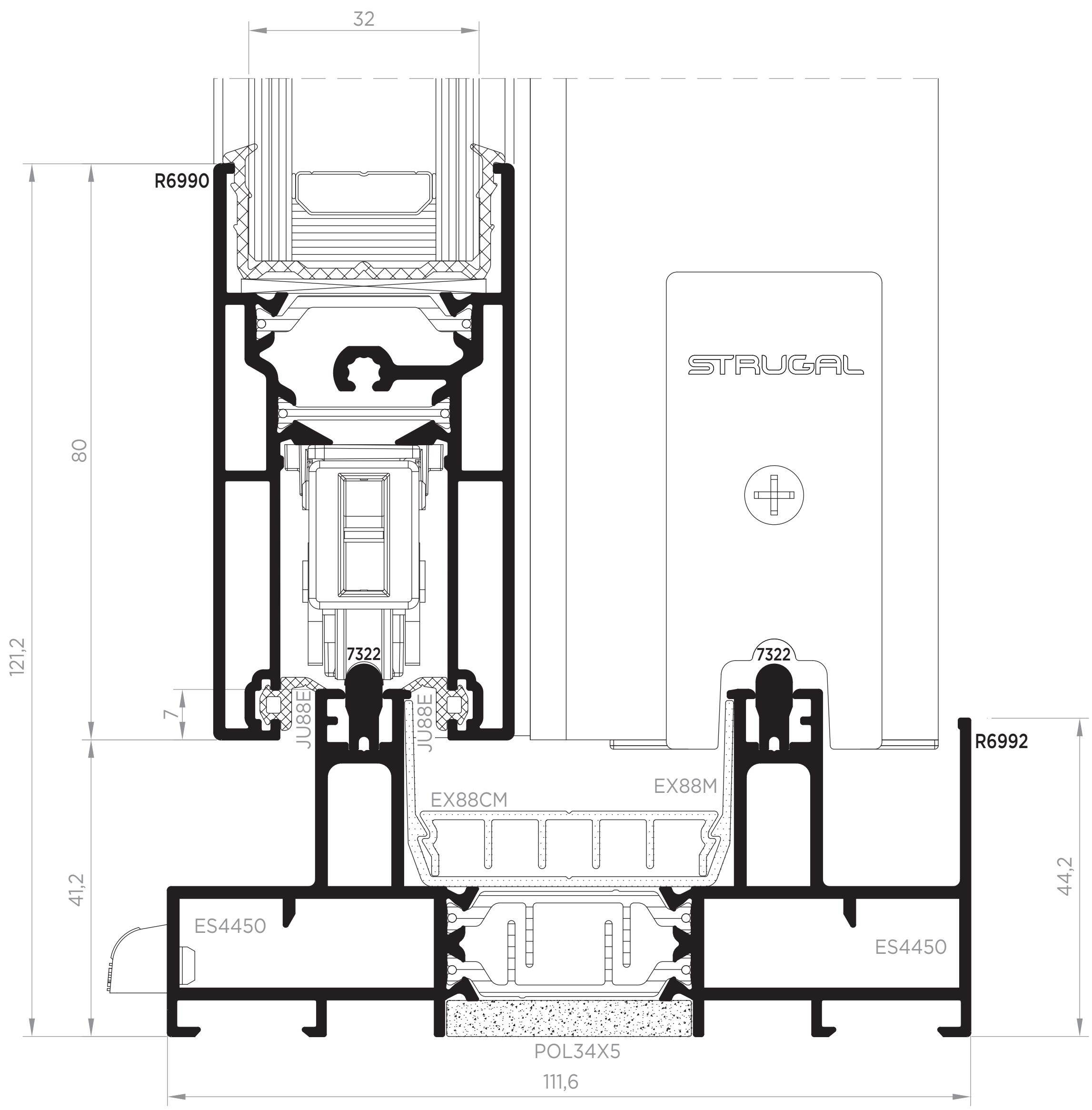
Sección inferior con marco reforzado recoge-condensación de 112 mm [Hoja elevable]
Secção inferior com Aro reforçado recolha da condensação de 112 mm [Folha elevável]
Séction inférieure avec dormant renforcé anti-condensation de 112 mm [Ouvrant à lévage]
Lateral section with 112 mm reinforced condensation collection frame and internal embellisher profile. [Lift and slide sash]





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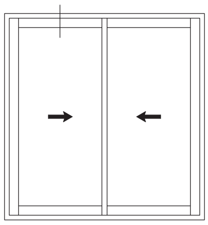
SECCIONES | Secções | Sections | Sections



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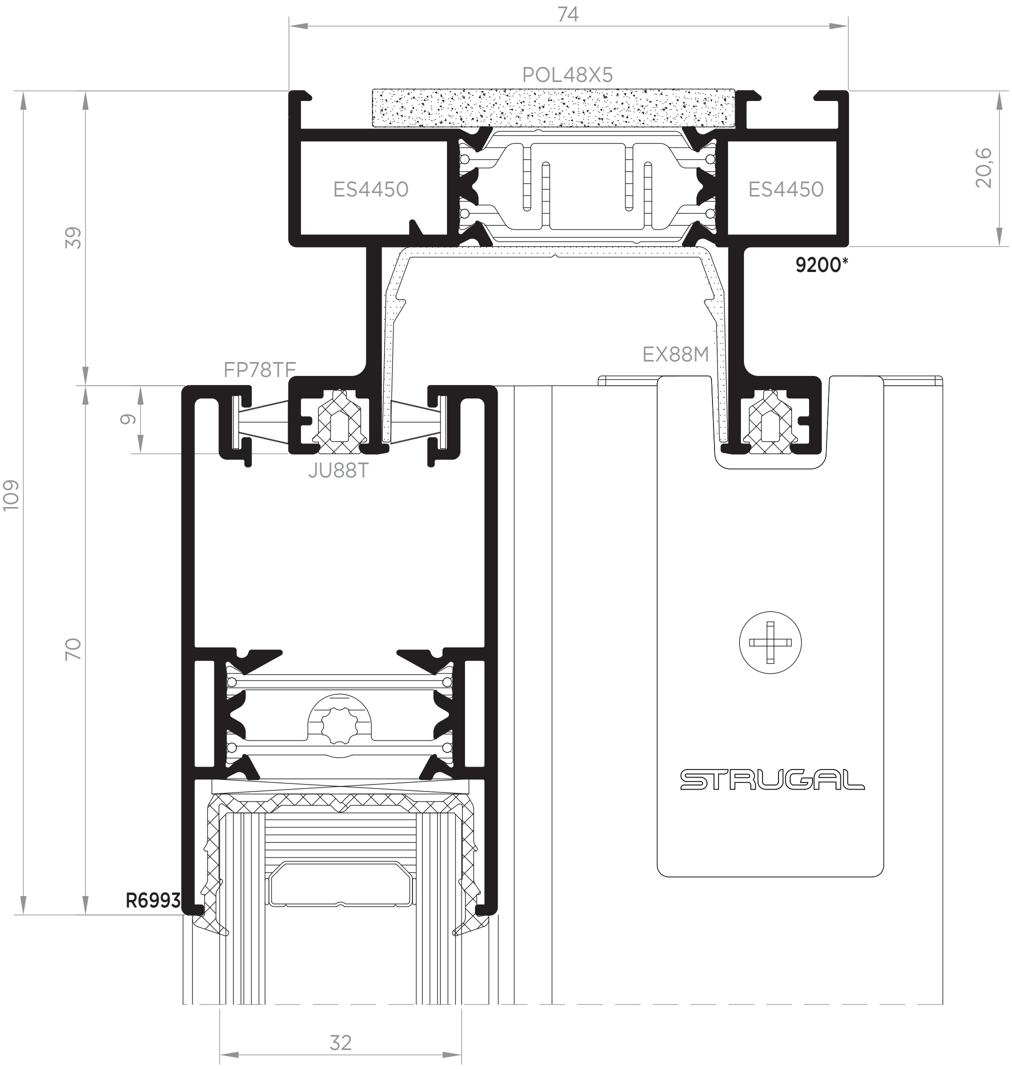

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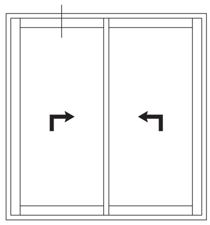
SECCIONES | Secções | Sections | Sections



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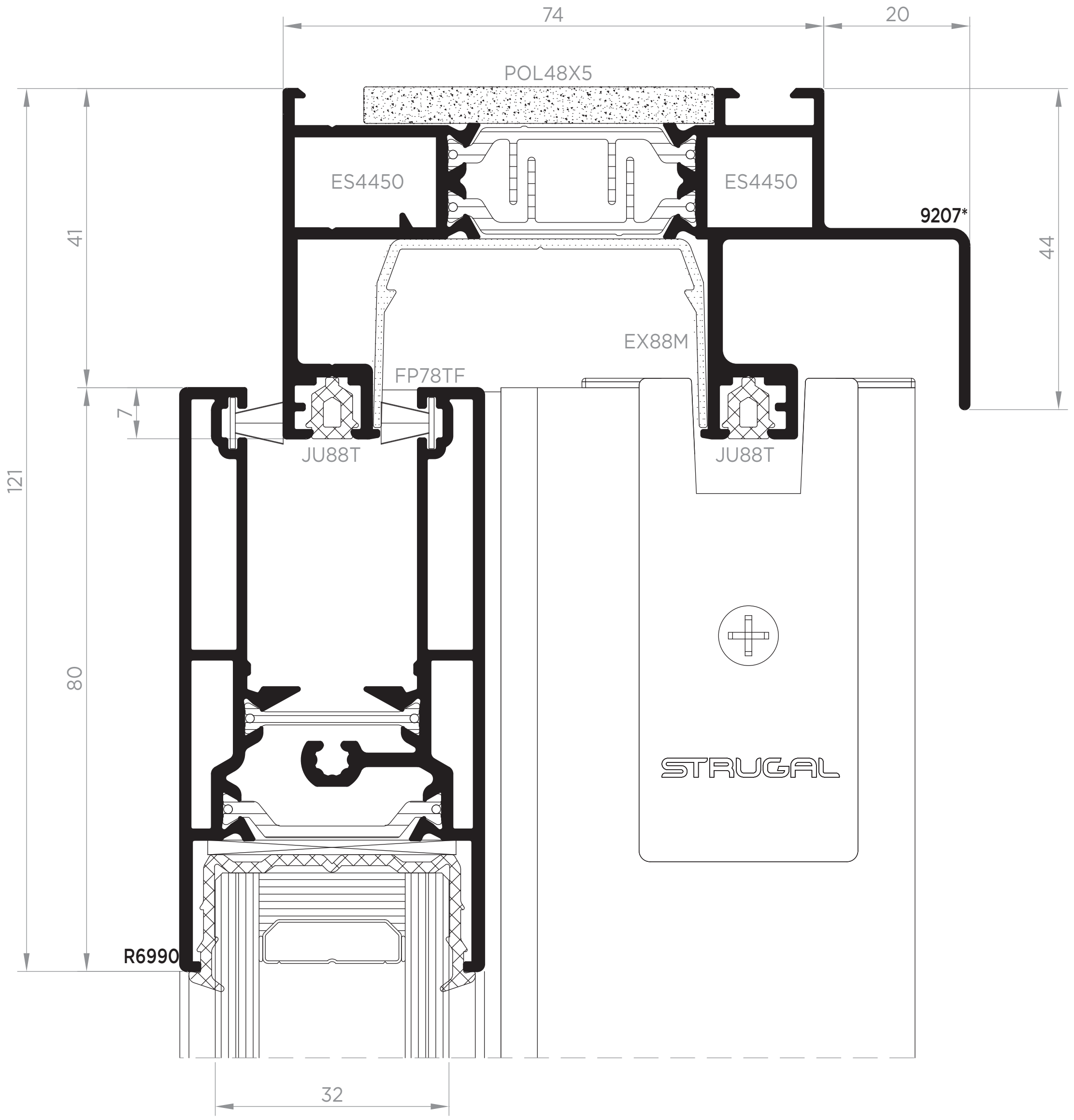

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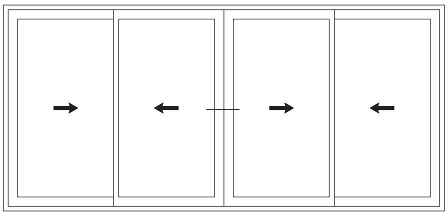
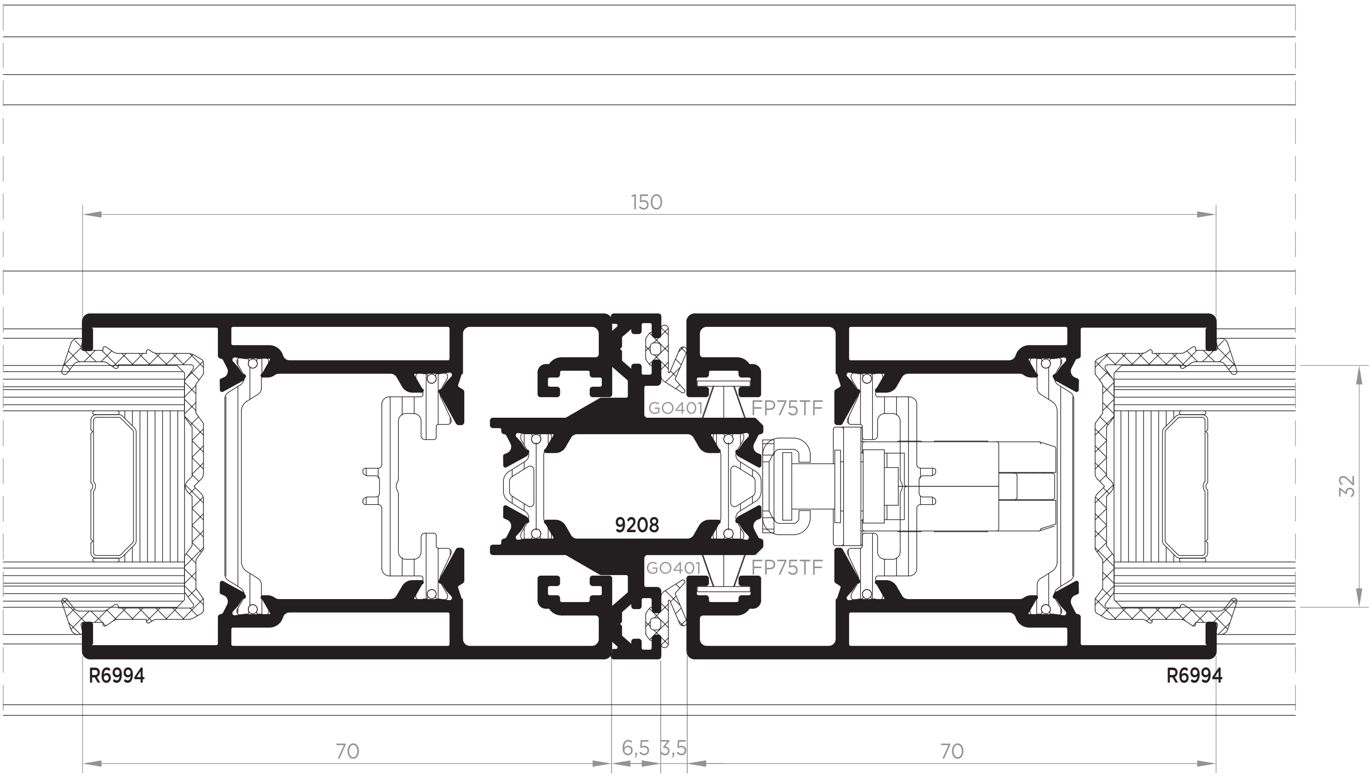
SECCIONES | Secções | Sections | Sections

Sección central 3-4 hojas deslziantes [Hoja deslizante] | Seção central com 3-4 folhas deslizantes [Folha deslizante] | Section centrale 3-4 vantaux coulissants [Vantail coulissant] | Middle section 3-4 sliding sashes [Sliding sash]





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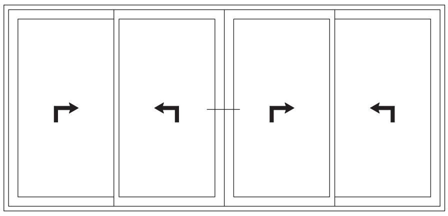
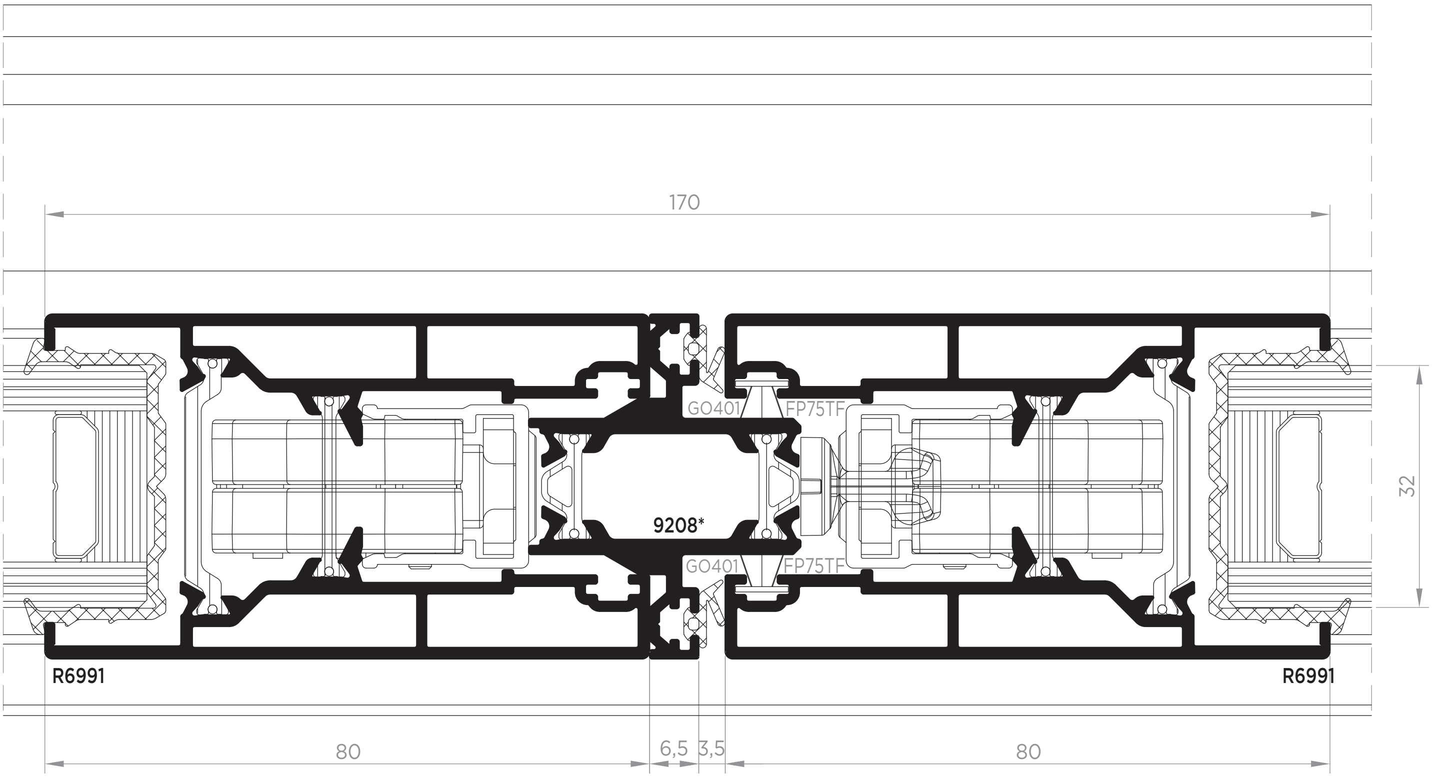
SECCIONES | Secções | Sections | Sections

Sección central 3-4 hojas elevables [Hoja elevable] | Seção central com 3-4 folhas eleváveis. [Folha elevável] | Section centrale 3-4 vantaux à levage [Vantail à levage] | Middle section 3-4 Lift and slide sashes [Lift and slide sash]





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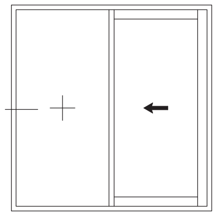

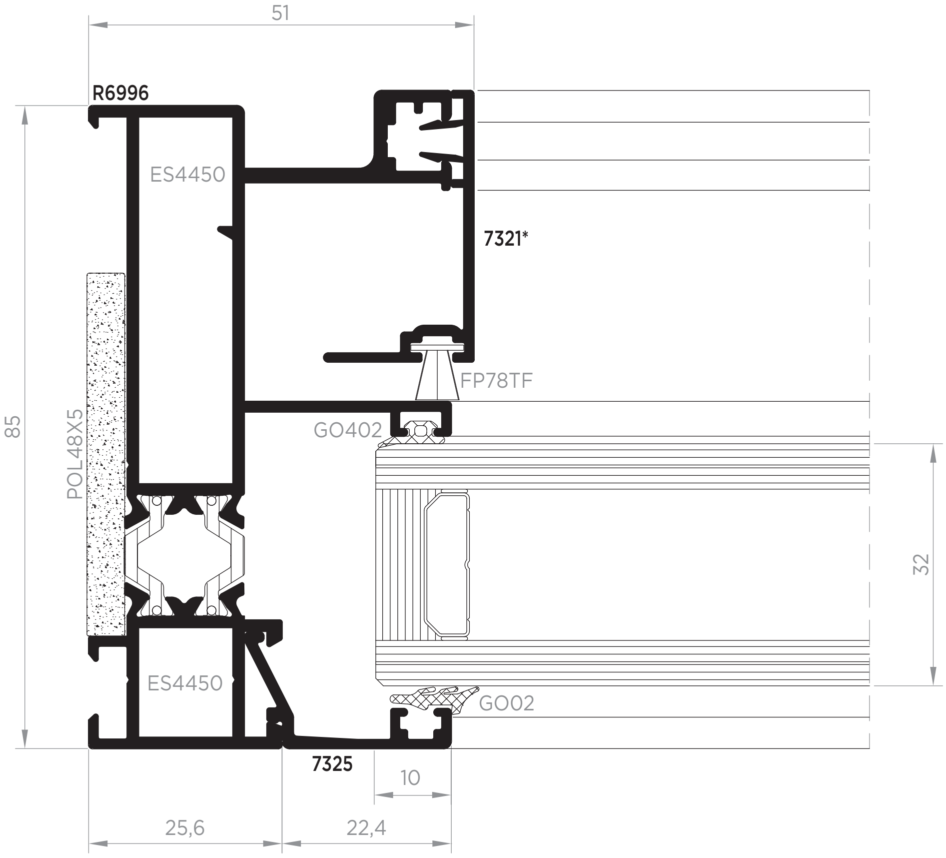

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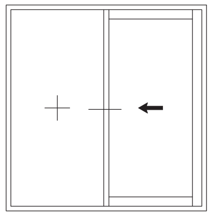
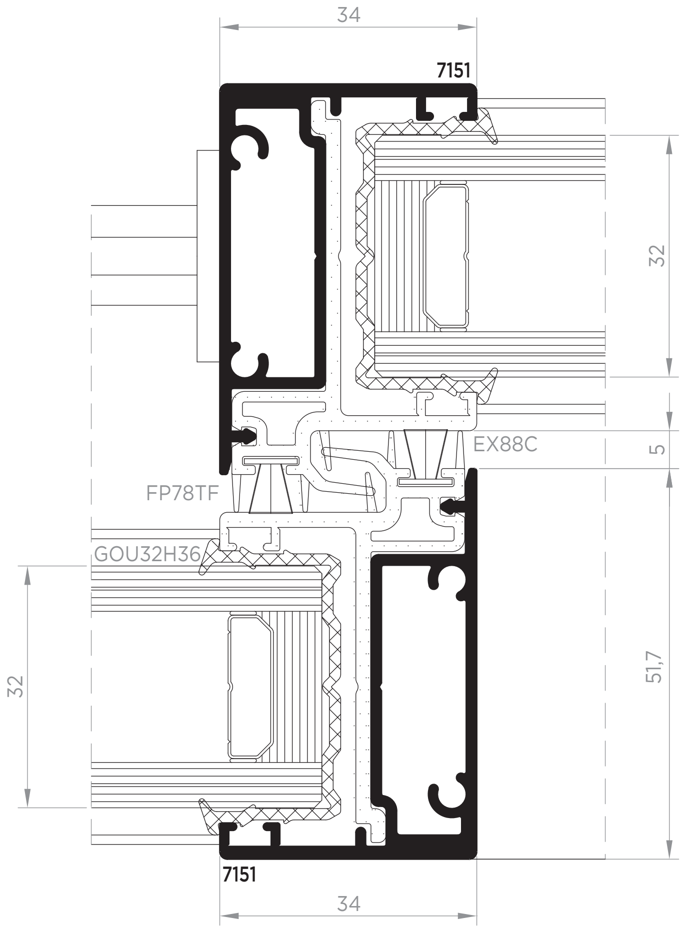
SECCIONES | Secções | Sections | Sections

Sección centrall monocarril | Seção central de carril simples | Section centrale monorail | Monorail middle section





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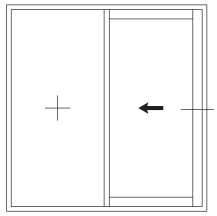
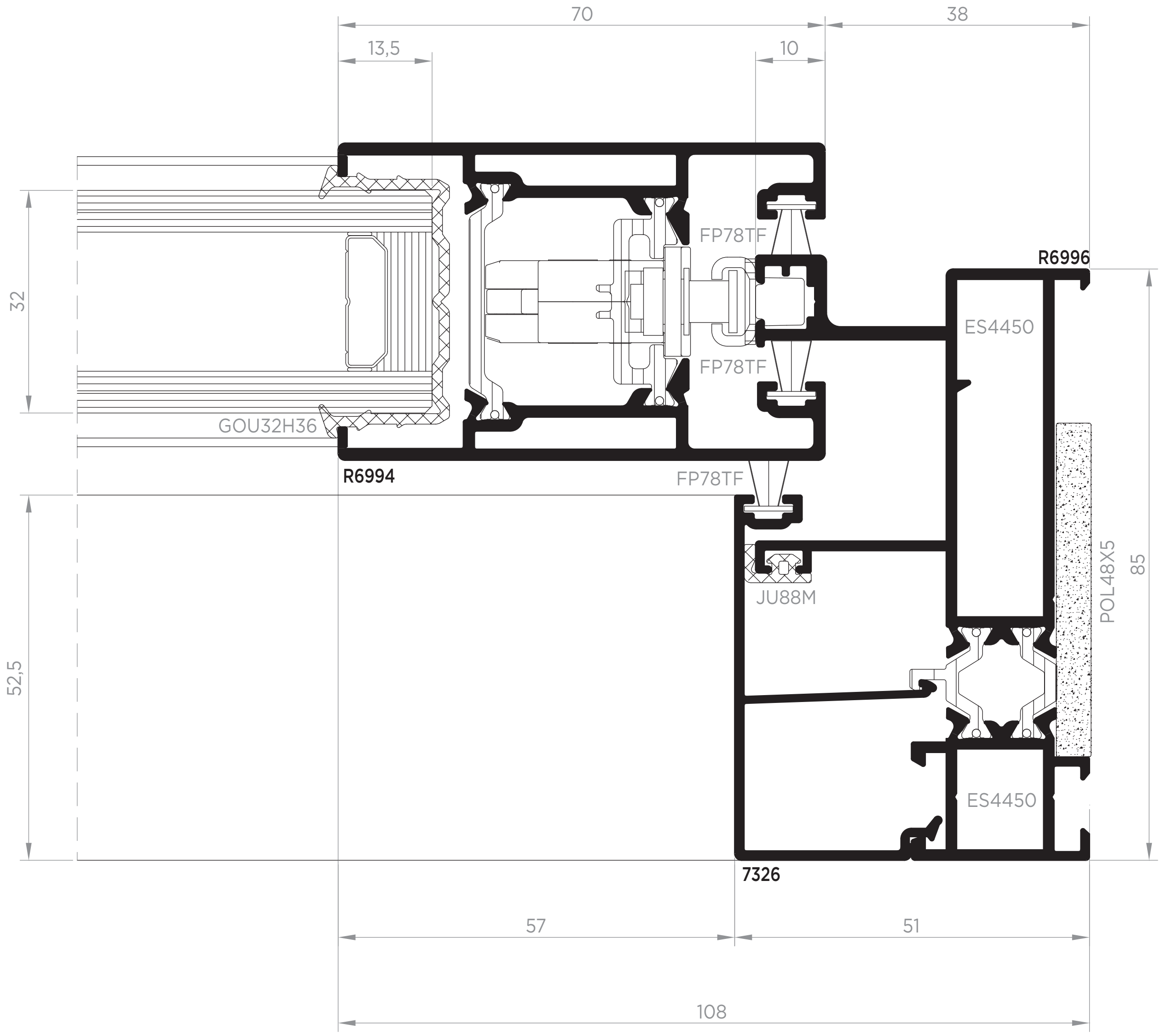
Sección lateral monocarril [Hoja deslizante] | Seção lateral de carril simples [Folha deslizante]
Section latérale monorail [Vantail coulissant] | Monorail side section [Sliding sash]





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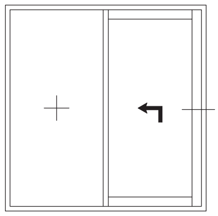
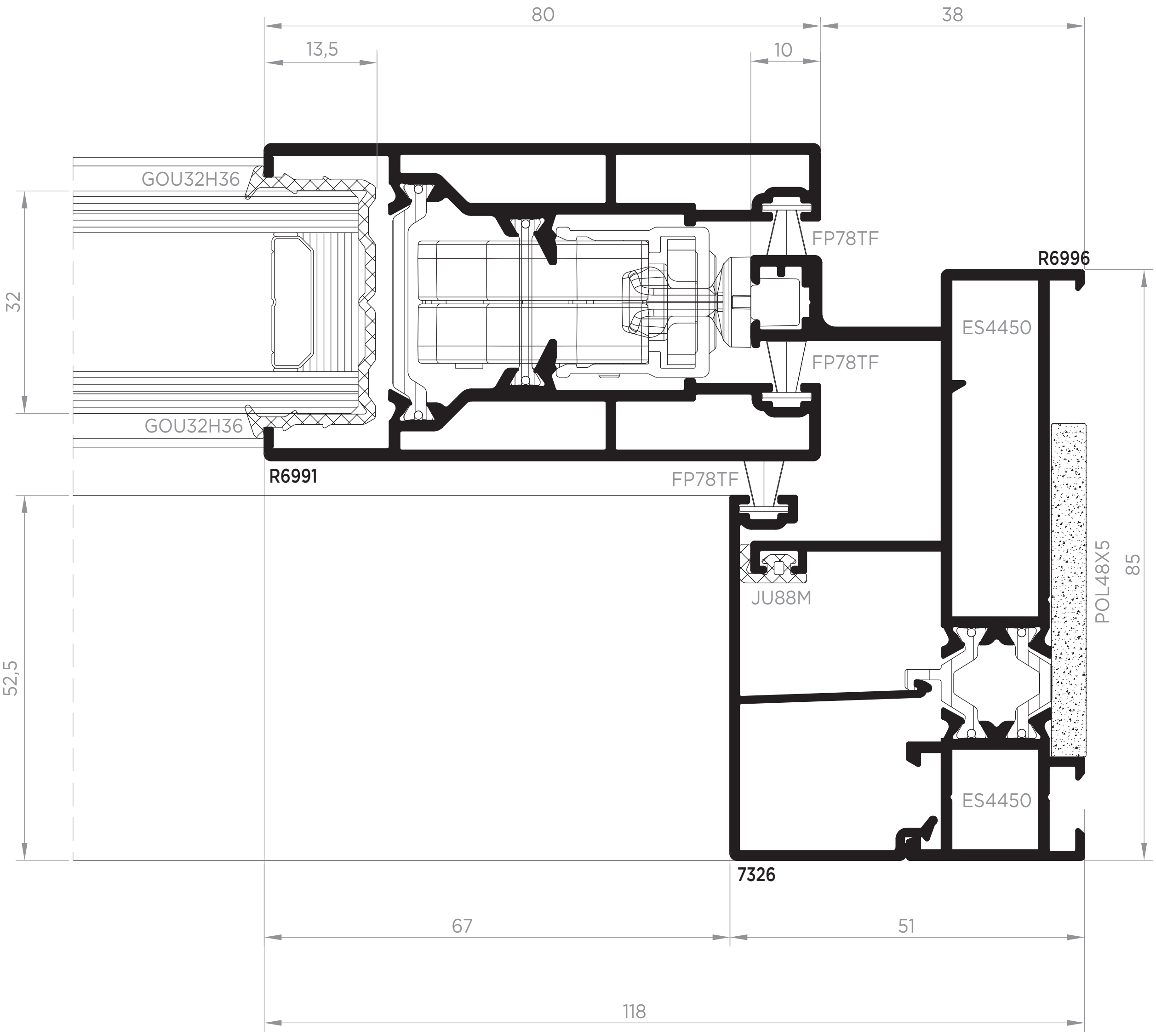
Section latérale monorail [Vantail à levage] | Monorail side section [Lift and slide sash]





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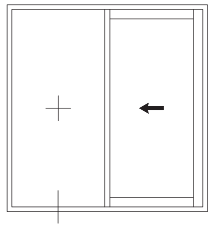
SECCIONES | Secções | Sections | Sections



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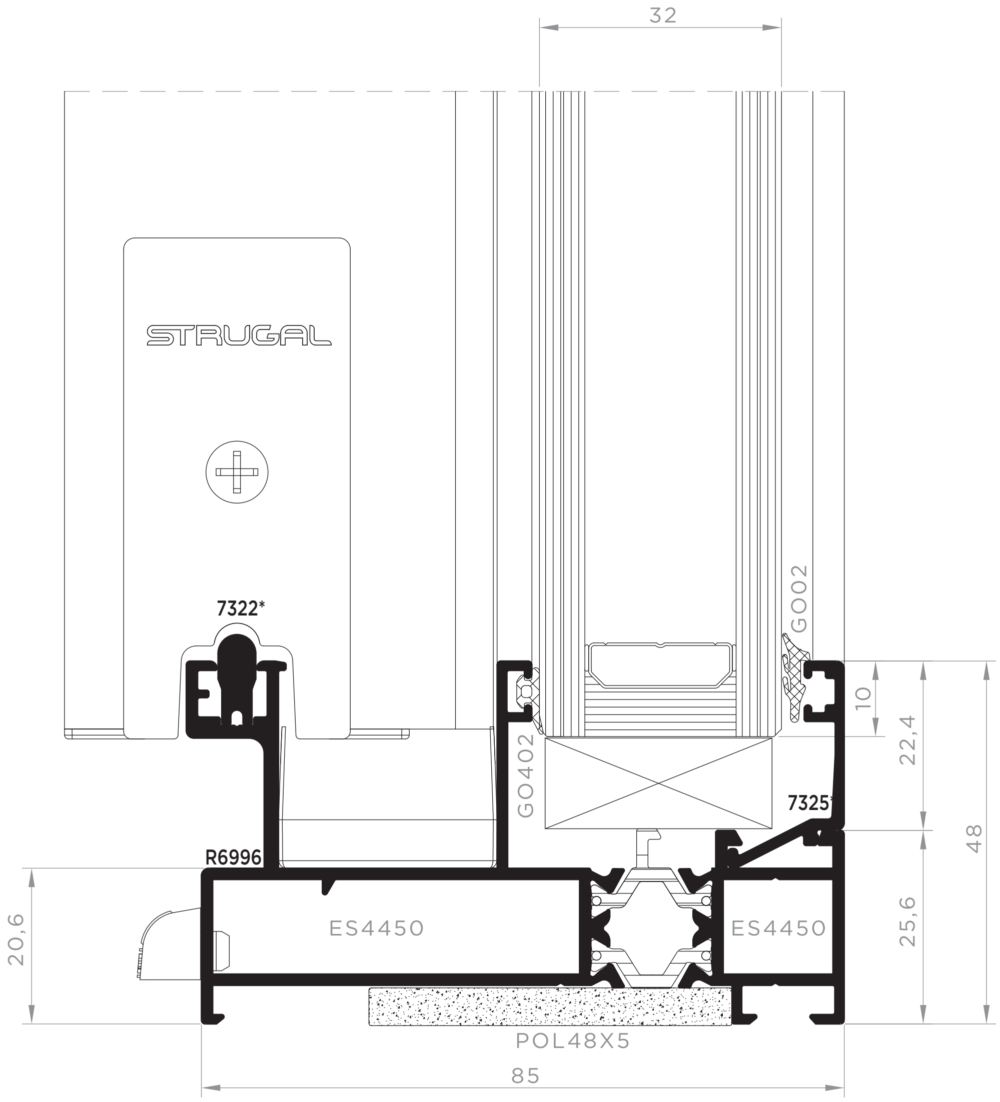

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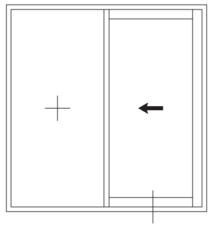
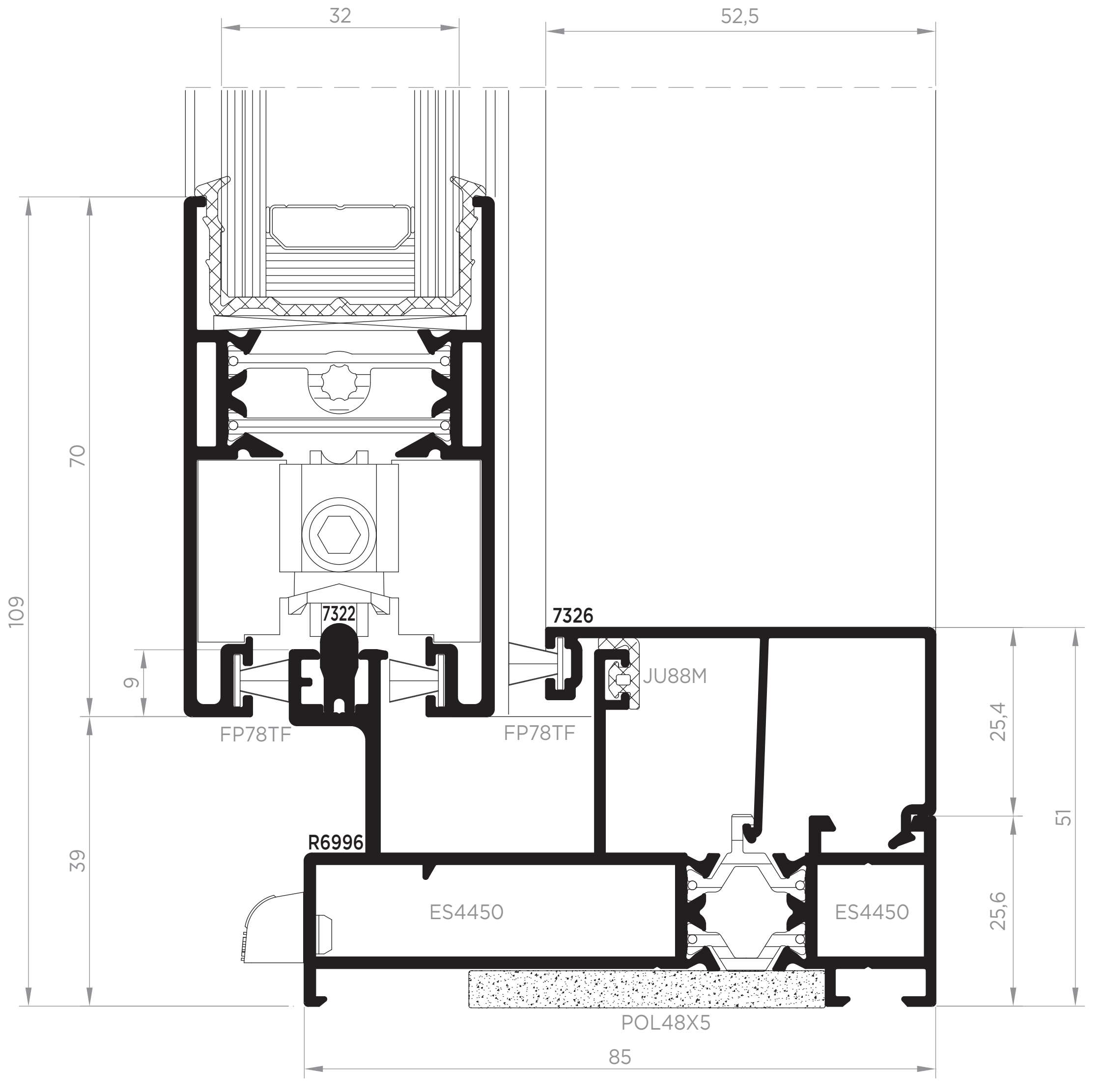
SECCIONES | Secções | Sections | Sections

Sección inferior monocarril [Hoja deslizante] | Seção inferior de carril simples [Folha deslizante]
Section inférieure monorail [Vantail coulissant] | Monorail lower section [Sliding sash]





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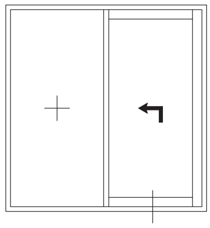

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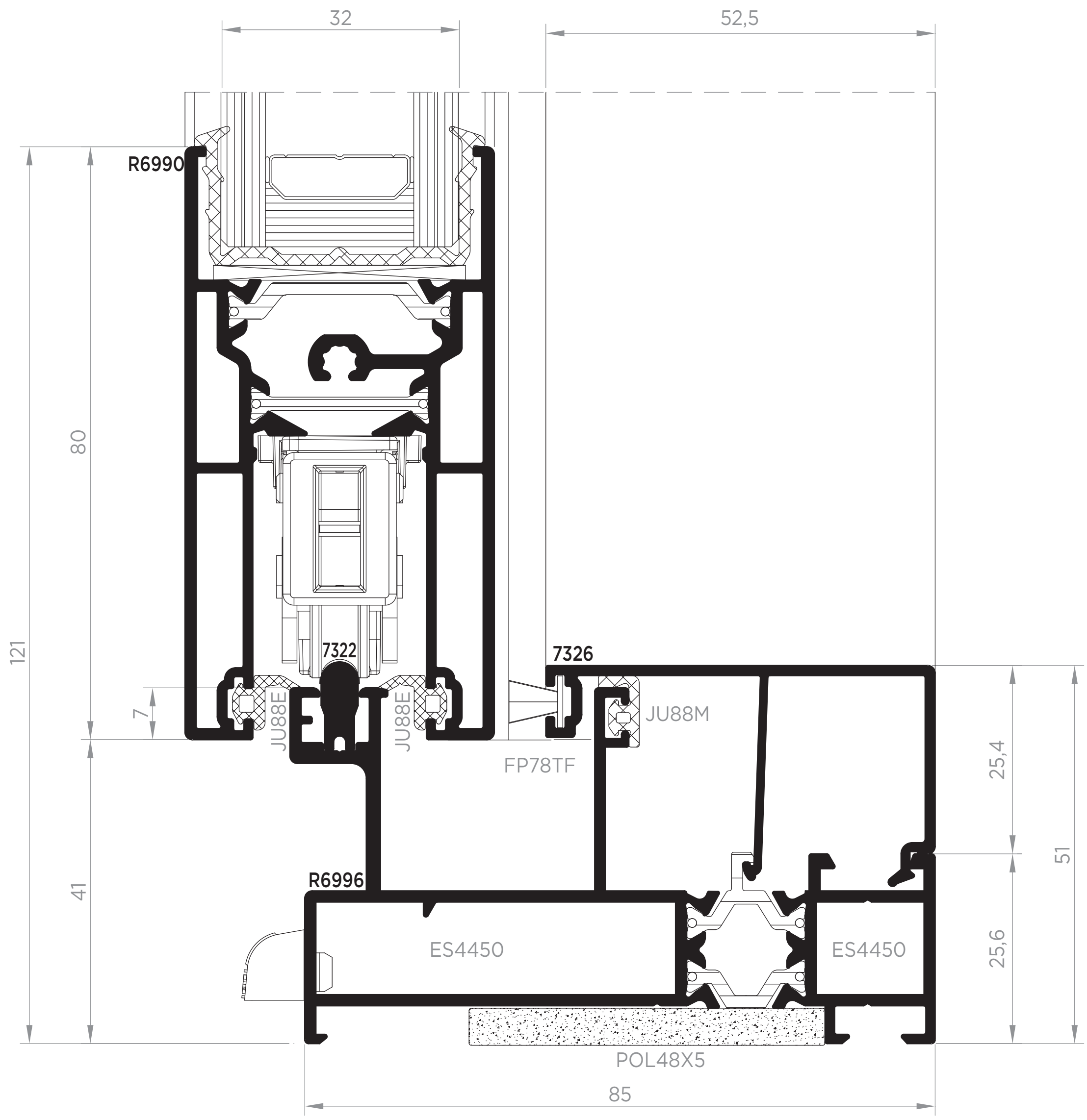
Section inférieure monorail [Vantail à levage] | Monorail lower section [Lift and slide sash]



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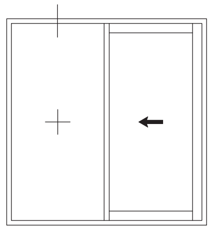
SECCIONES | Secções | Sections | Sections



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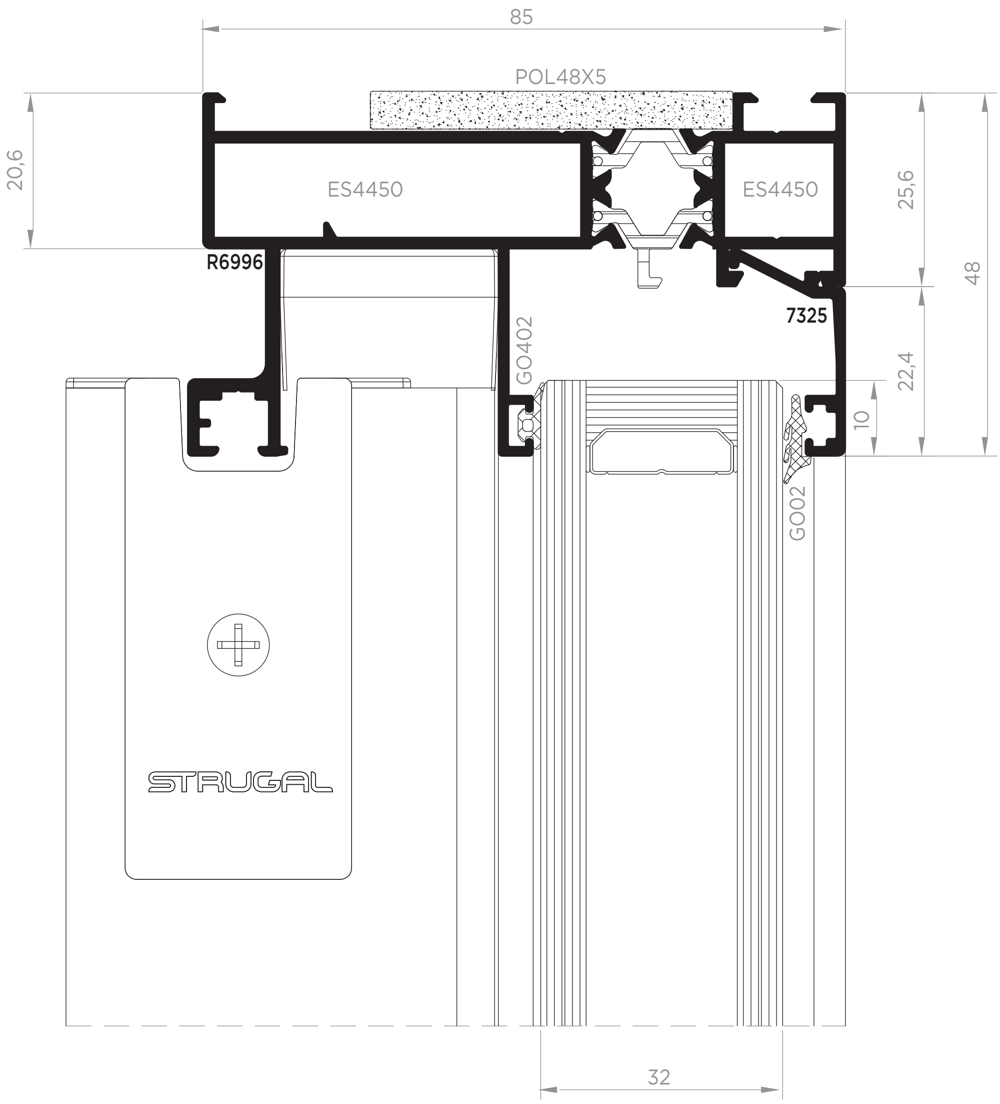

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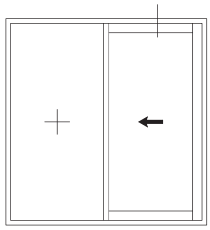
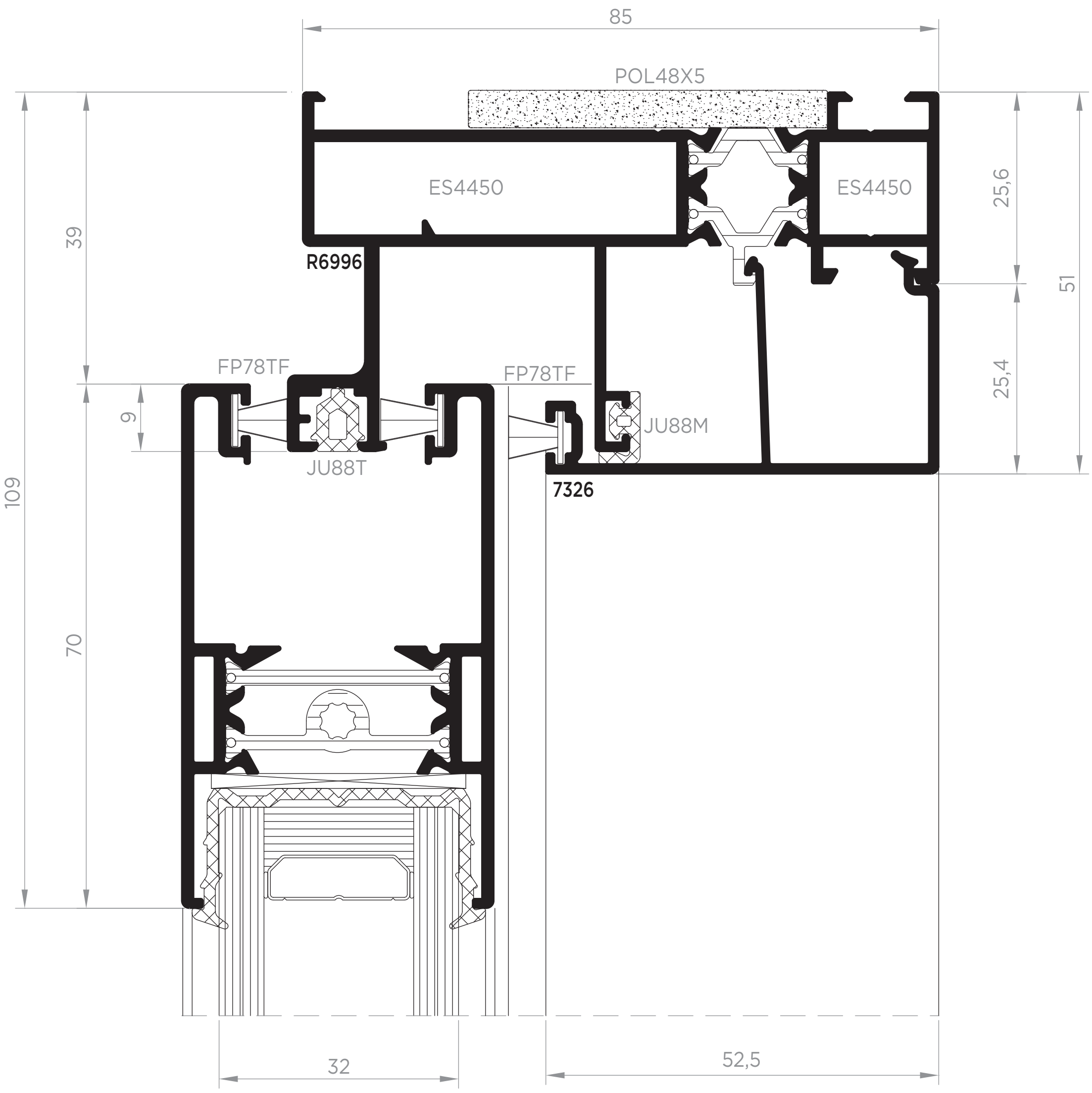
SECCIONES | Secções | Sections | Sections

Sección superior monocarril [Hoja deslizante] | Seção superior de carril simples [Folha deslizante]
Section supérieure monorail [Vantail coulissant] | Monorail upper section [Sliding sash]





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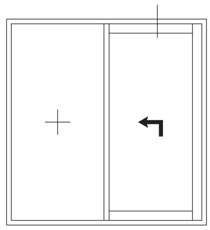
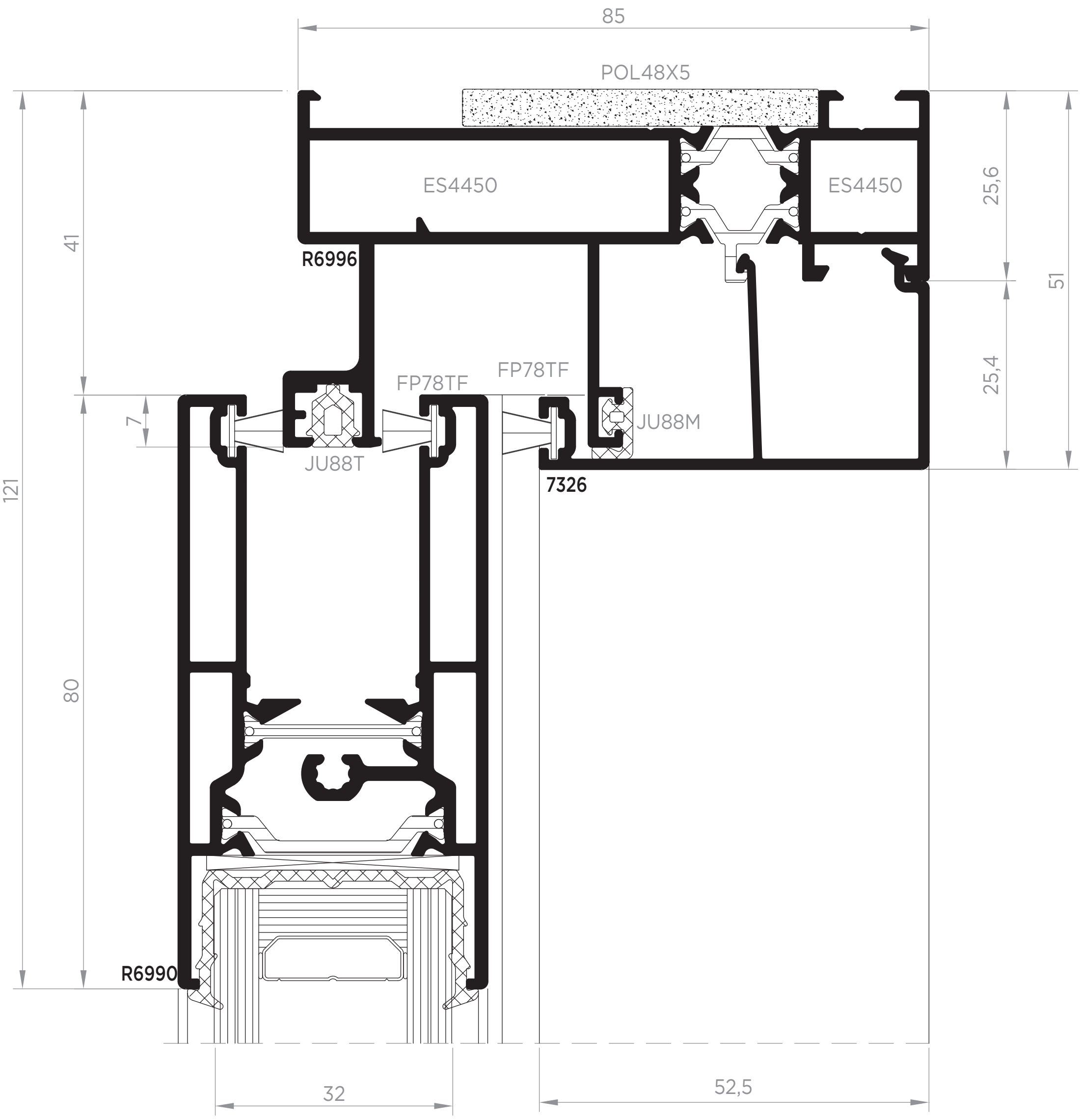
Section supérieure monorail [Vantail à levage] | Monorail upper section [Lift and slide sash]





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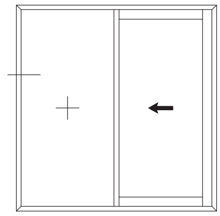

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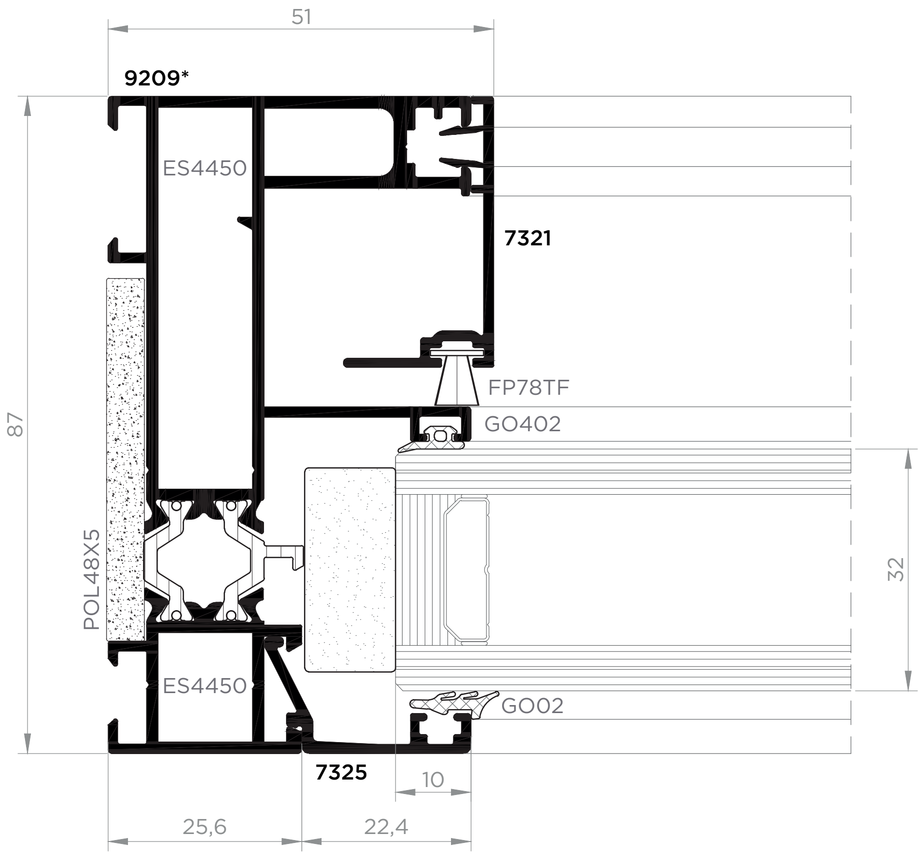

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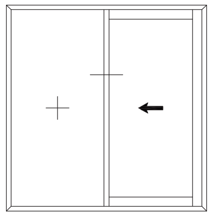
SECCIONES | Secções | Sections | Sections



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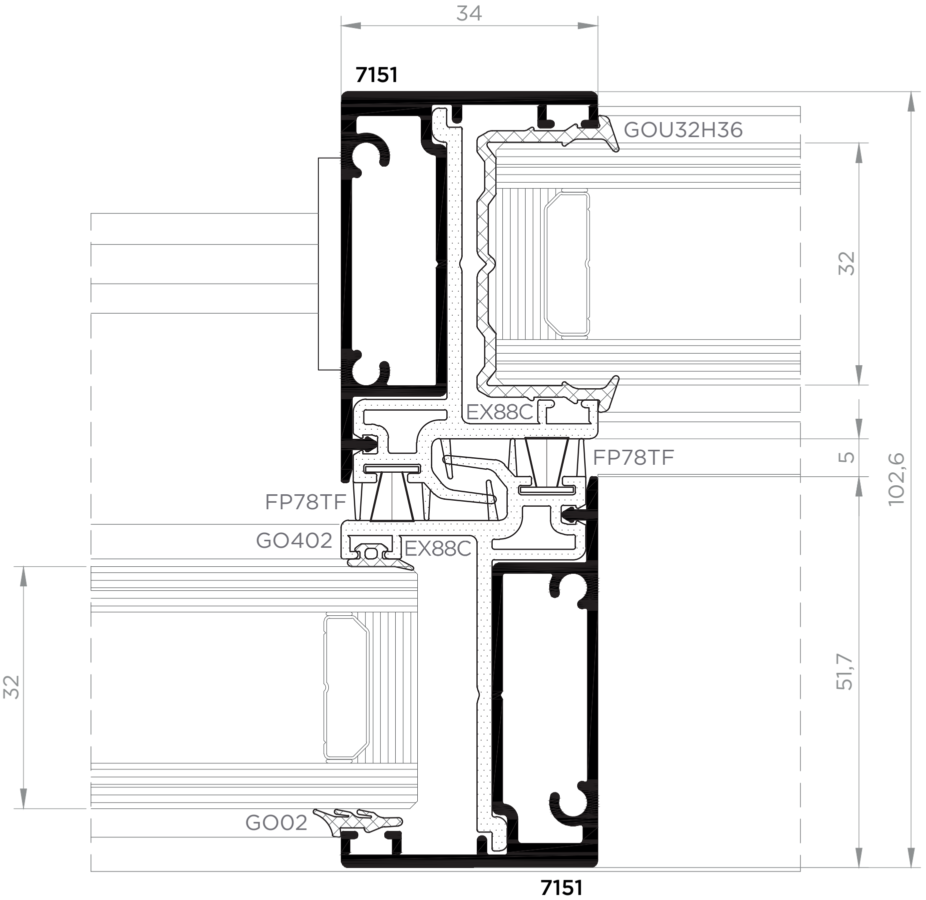

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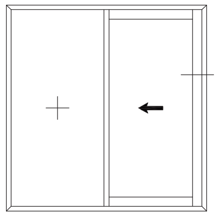
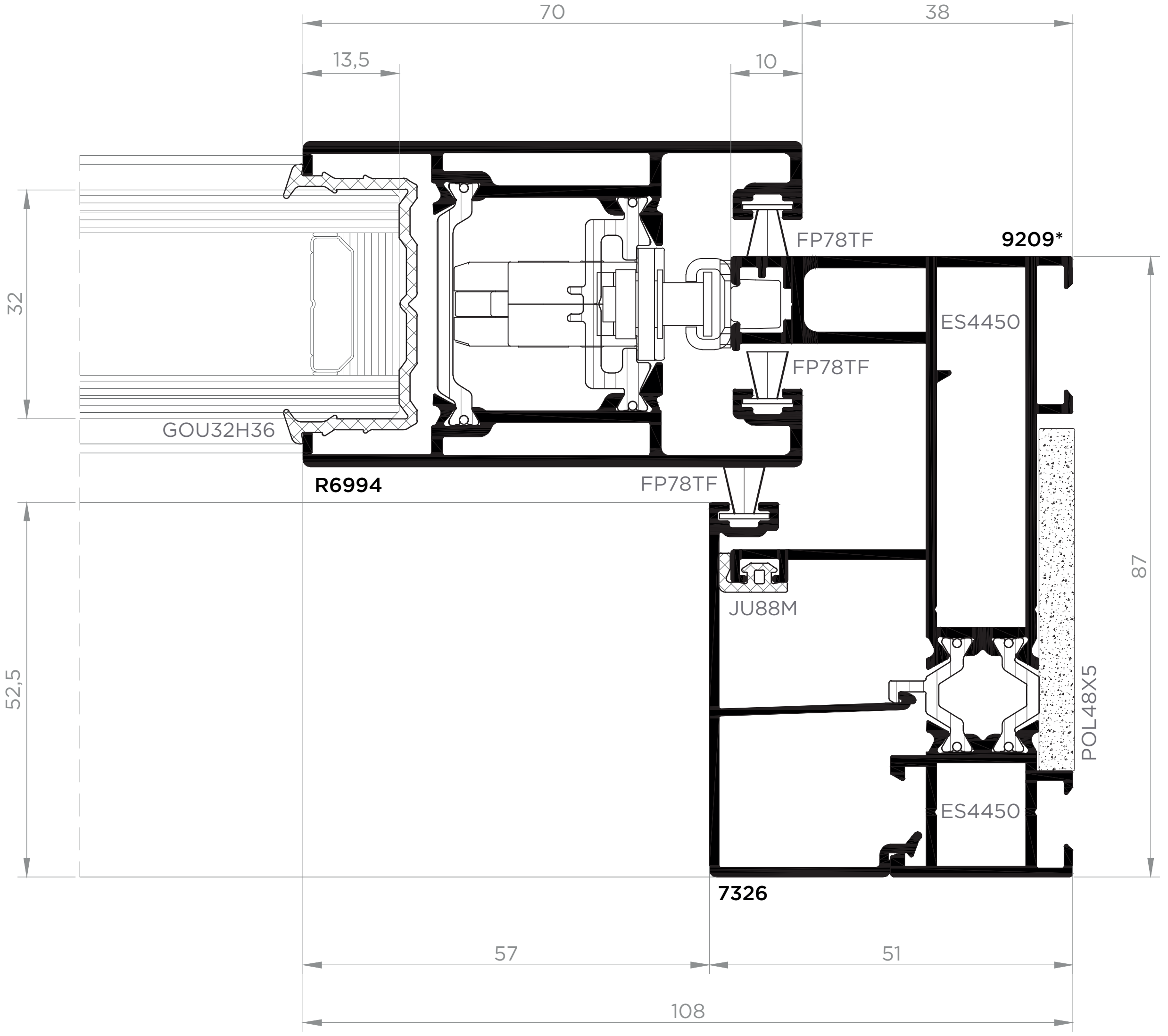
SECCIONES | Secções | Sections | Sections

Sección lateral monocarril. Marco reforzado [Hoja deslizante] | Seção lateral de carril simples. Aro reforçado [Folha deslizante] | Section latérale monorail. Dormant renforcé [Vantail coulissant] | Monorail side section. Reinforced frame [Sliding sash]





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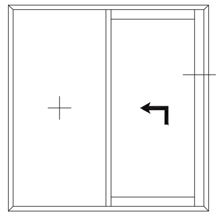
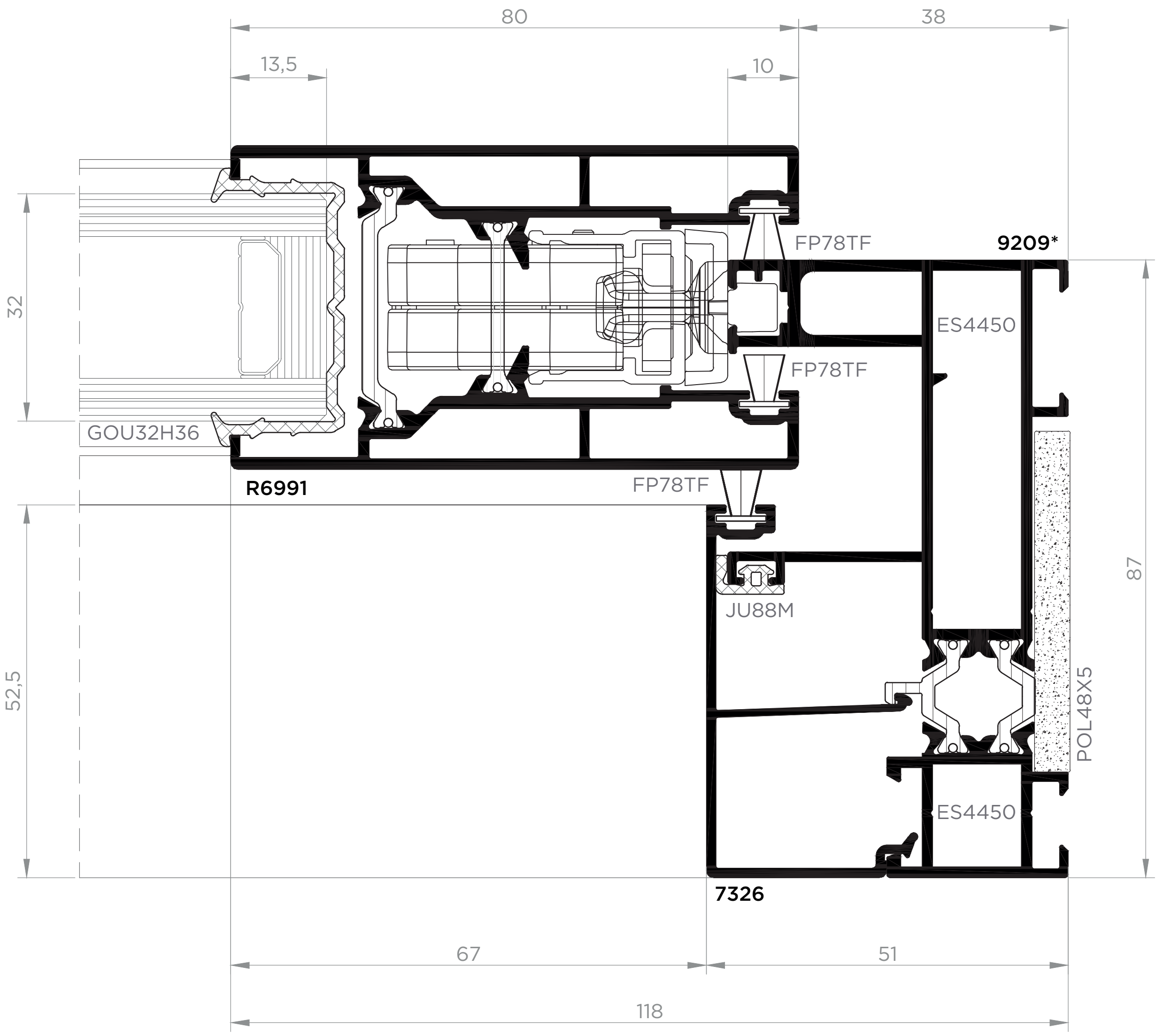
SECCIONES | Secções | Sections | Sections

Sección lateral monocarril. Marco reforzado [Hoja elevable] | Seção lateral de carril simples. Aro reforçado [Folha elevável] | Section latérale monorail. Dormant renforcé [Vantail à levage] | Monorail side section. Reinforced frame [Lift and slide sash]





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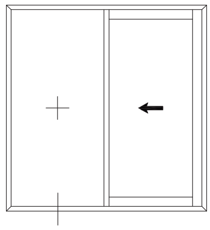
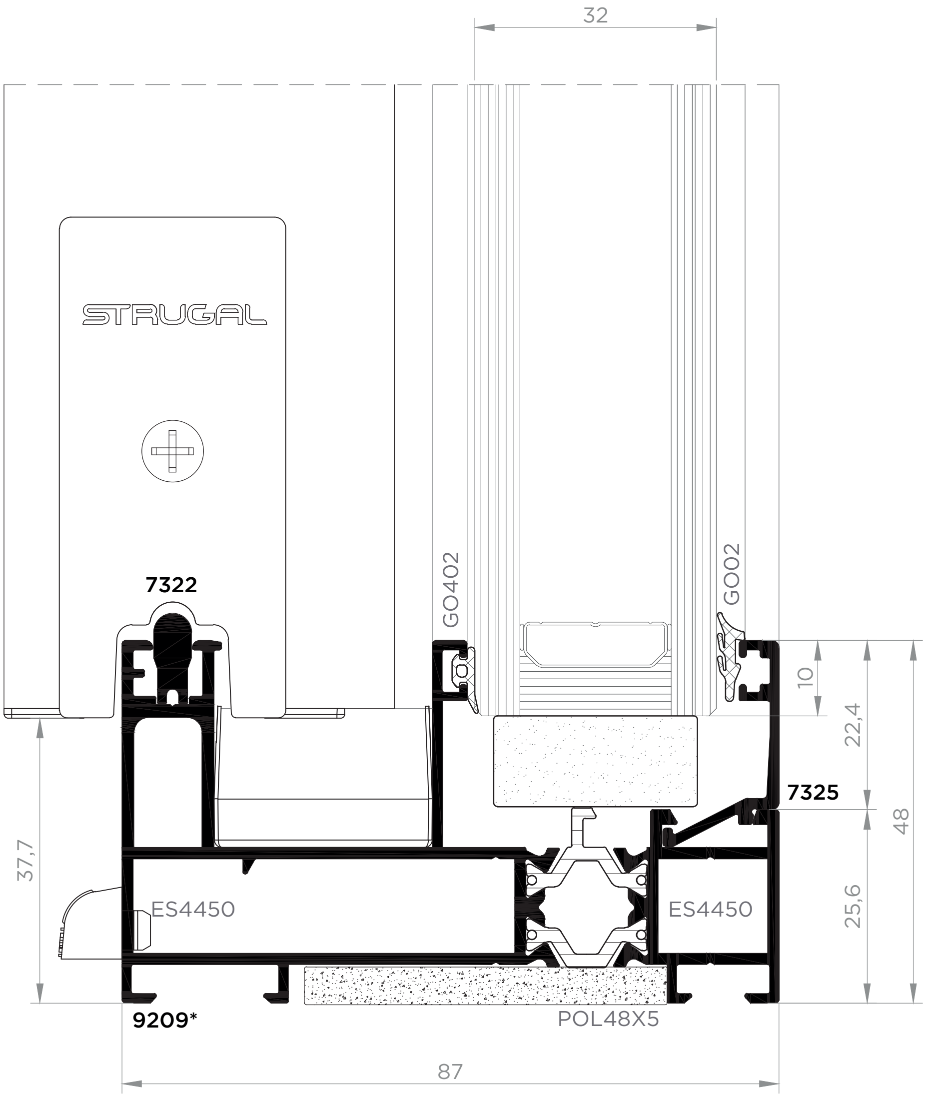
SECCIONES | Secções | Sections | Sections

Sección inferior monocarril. Marco reforzado [Fijo] | Seção inferior de carril simples. Aro reforçado [Fixol] | Section inférieure monorail. Dormant renforcé [Fixe] | Monorail lower section. Reinforced frame [Fixed]





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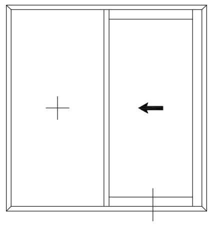

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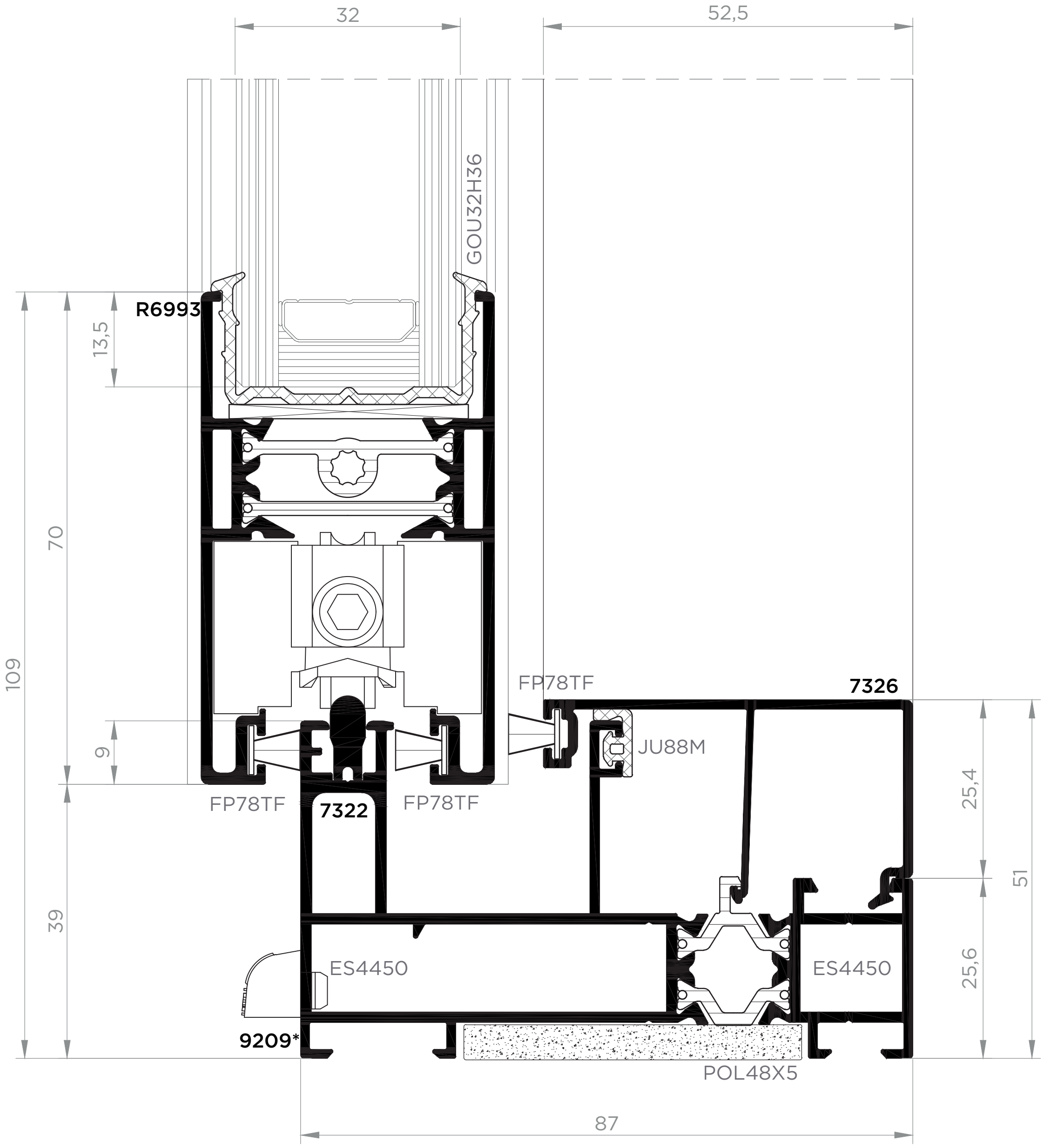

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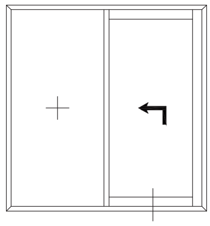

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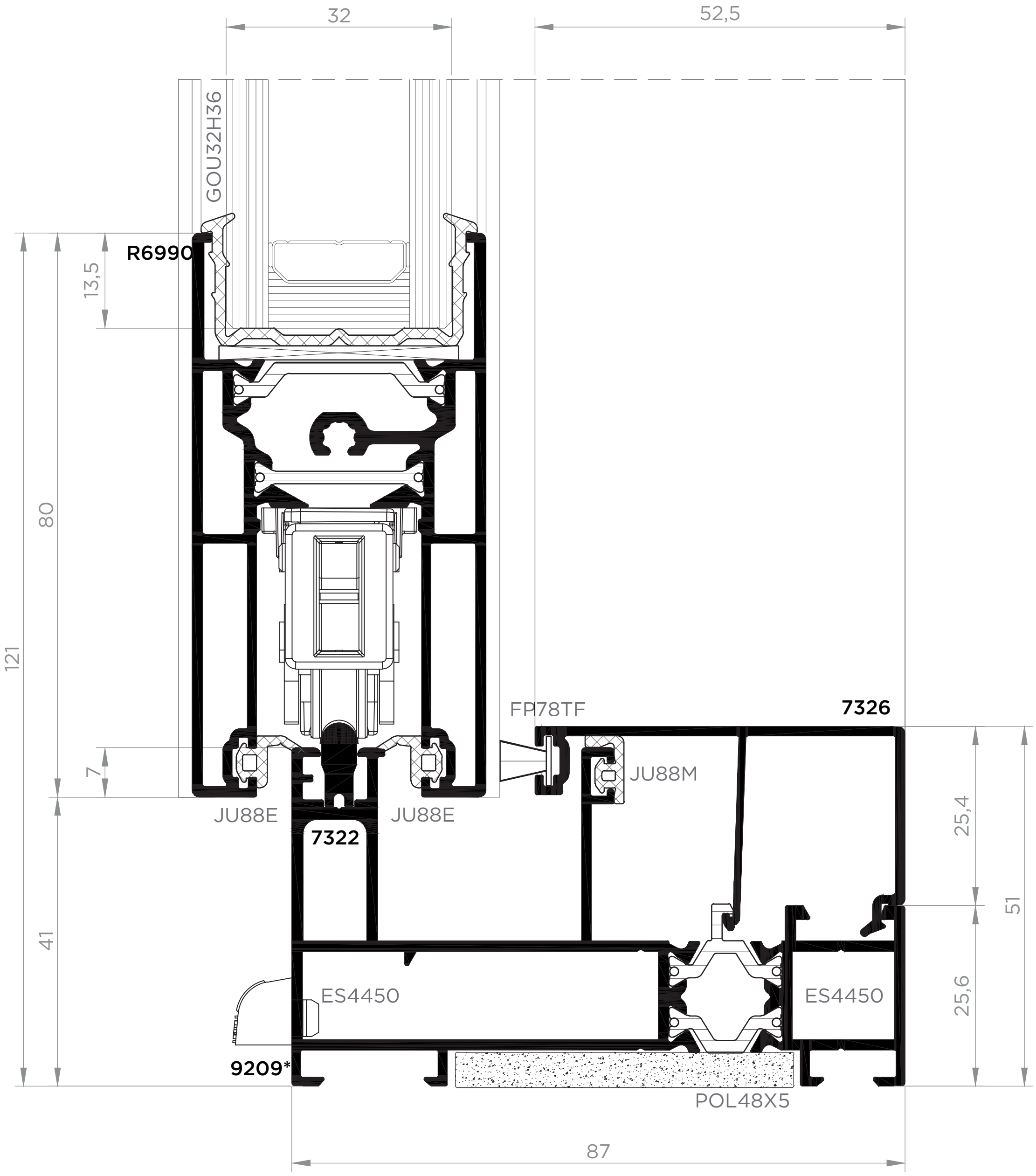

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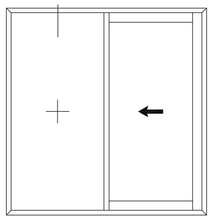

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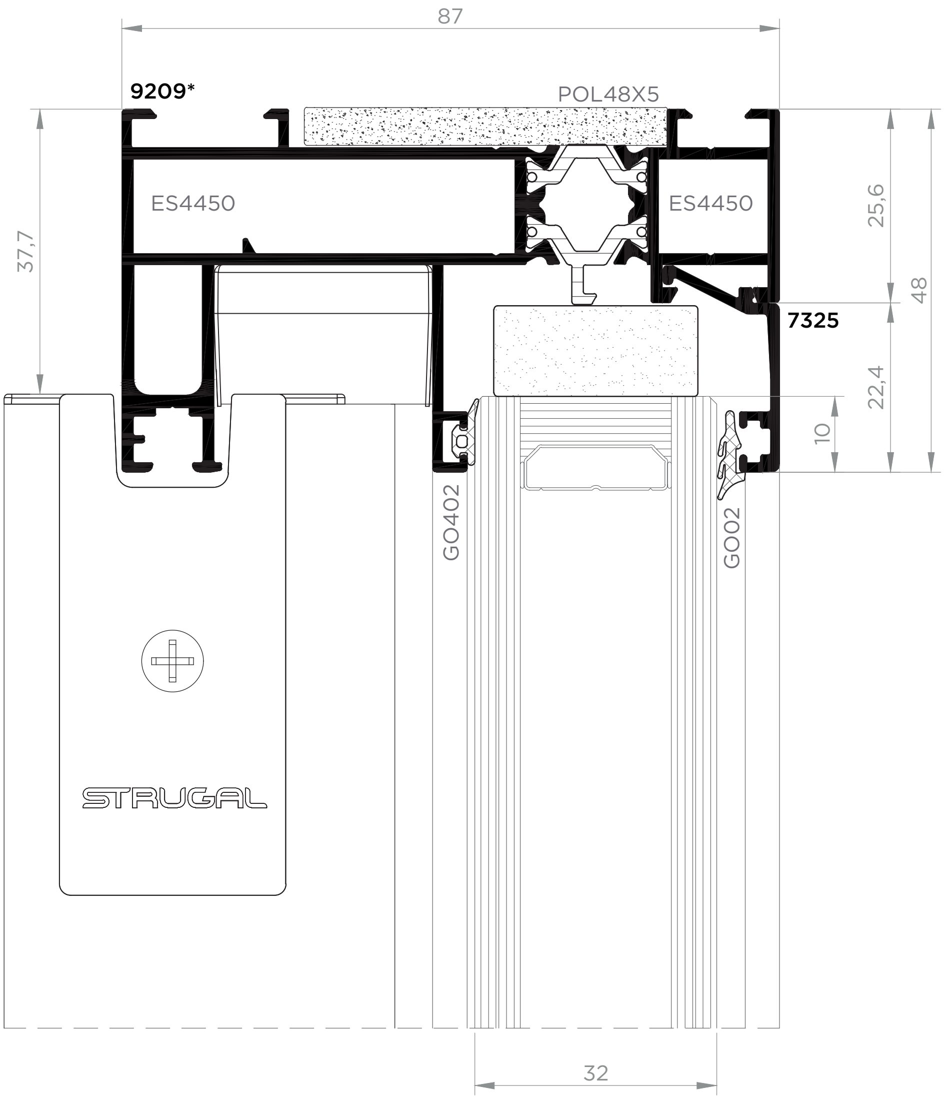

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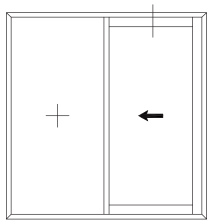

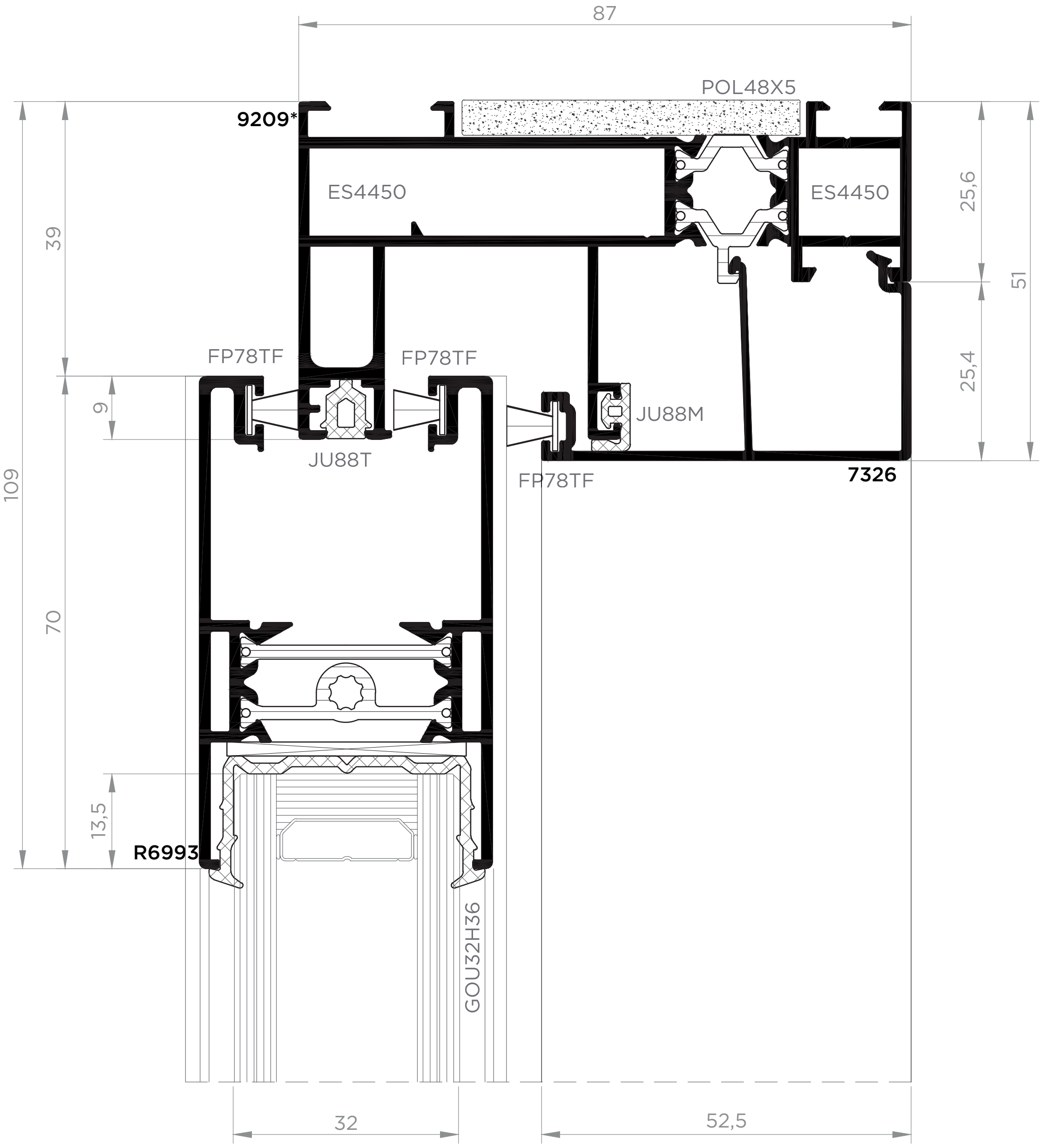

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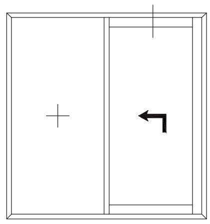

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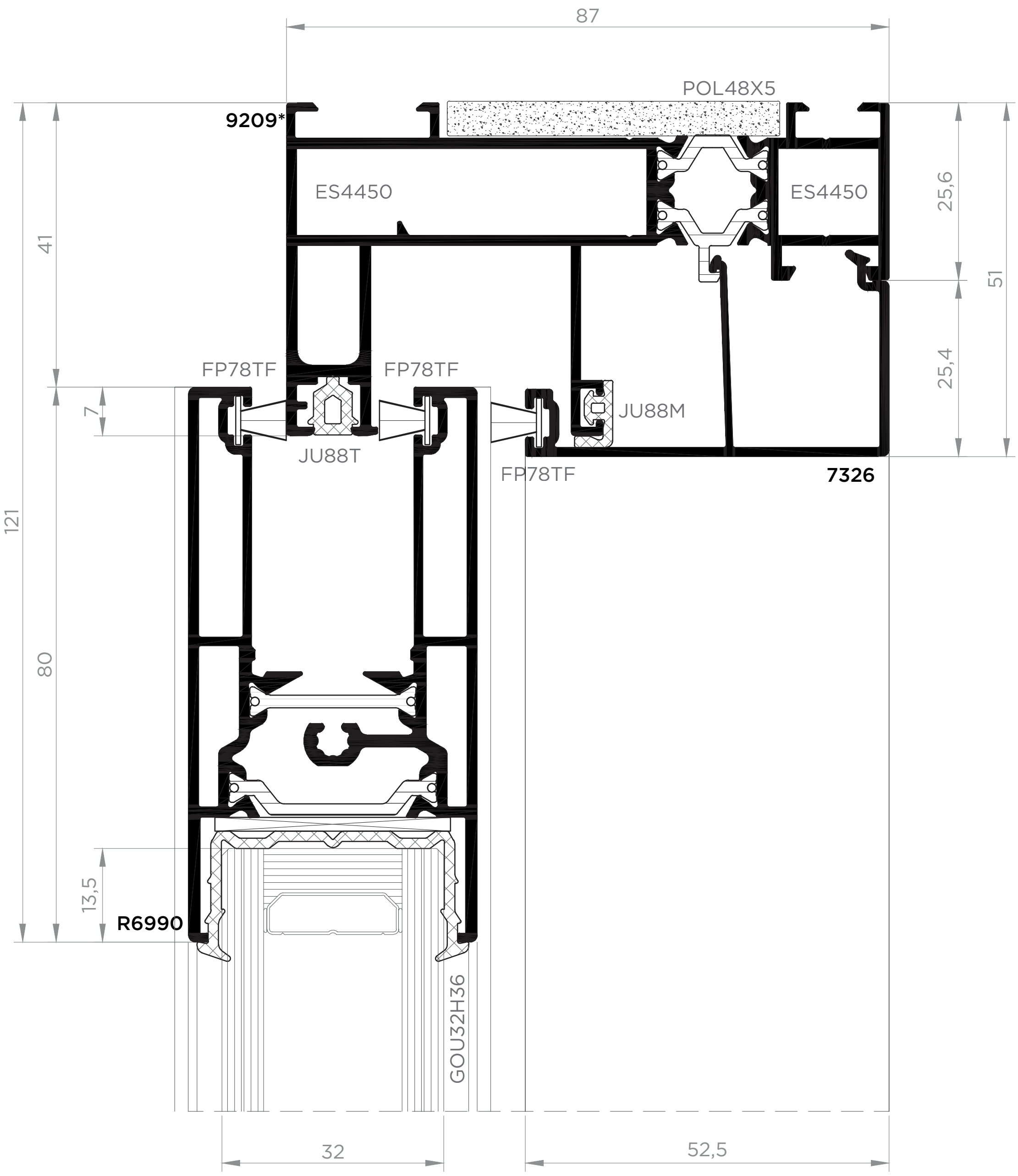

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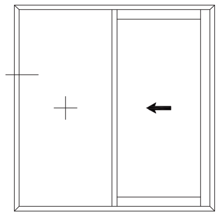

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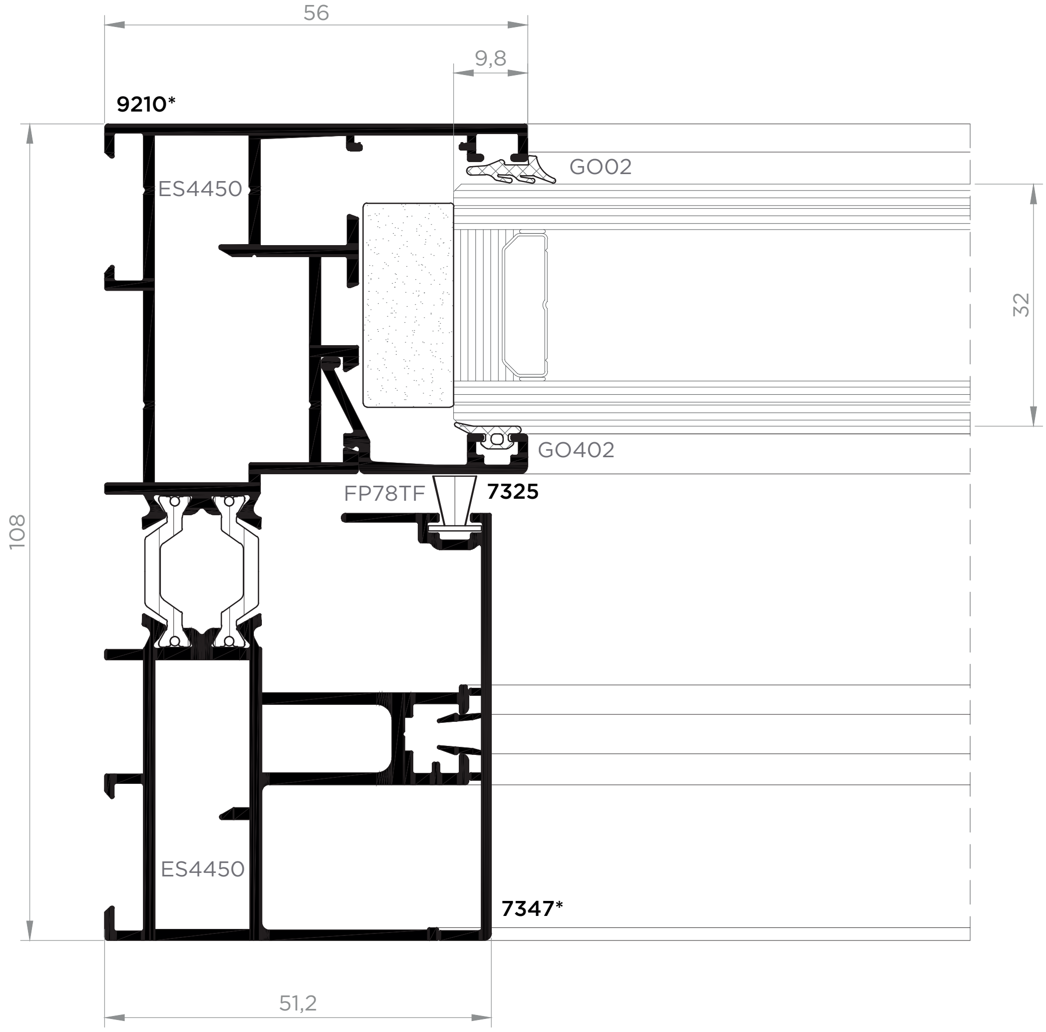

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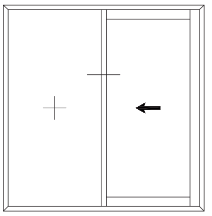

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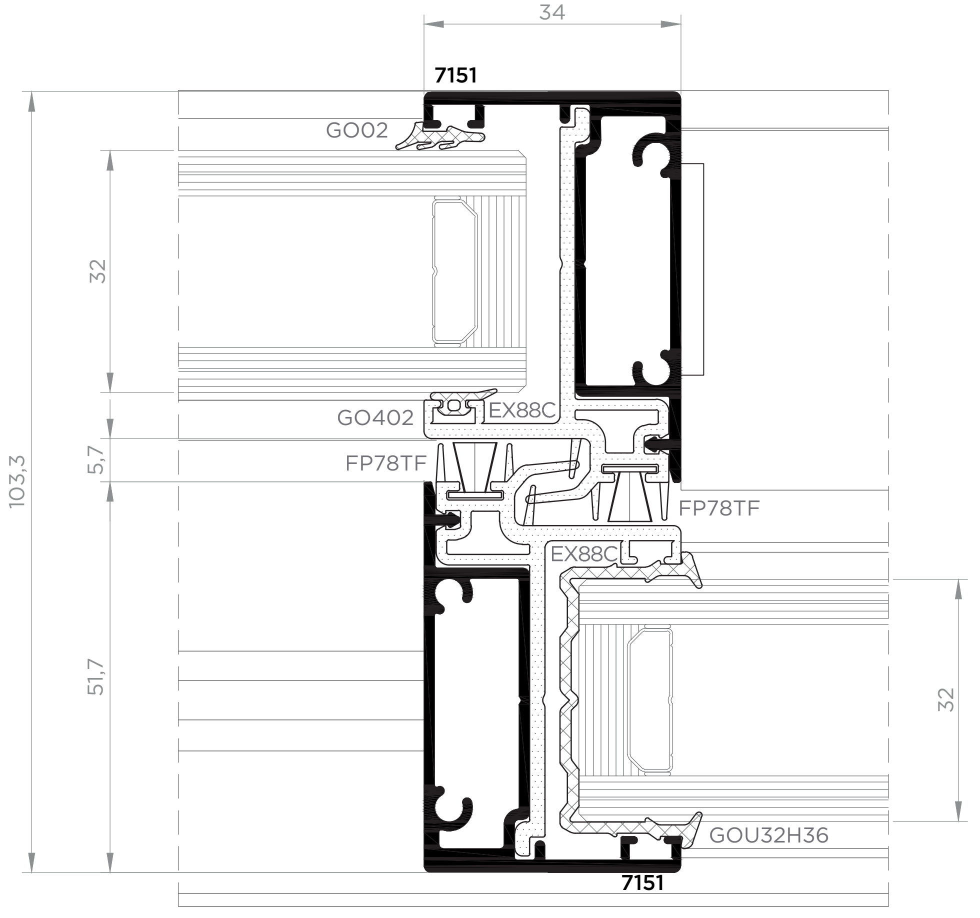

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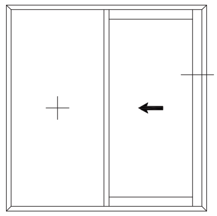
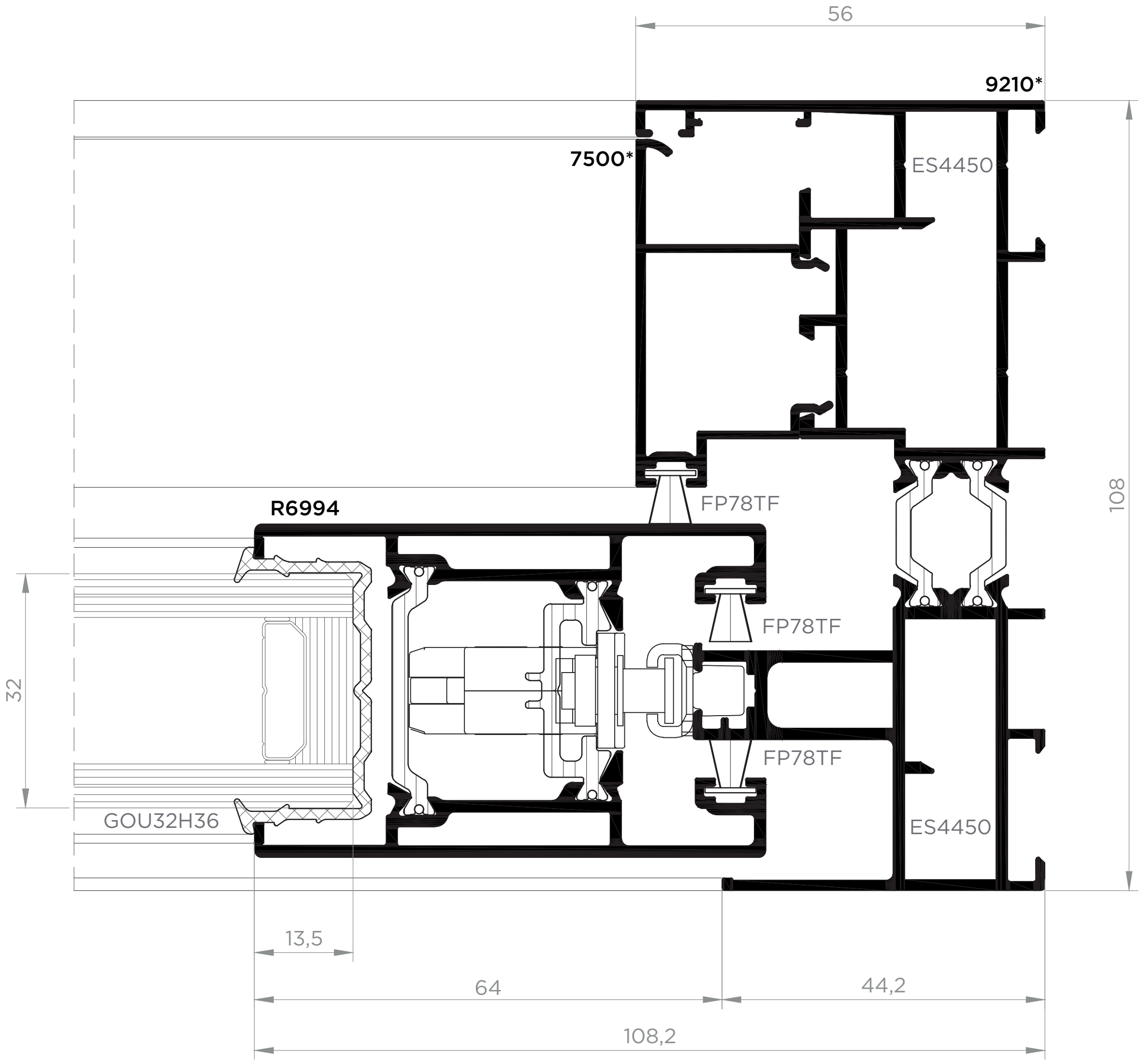
Sección lateral monocarril, hoja interior. Marco reforzado [Hoja deslizante] | Seção lateral de carril simples, folha interna. Aro reforçado [Folha delizante] | Section latérale monorail, vantail intérieure. Dormant renforcé [Vantail coulissant] | Monorail side section, interior sash. Reinforced frame [Sliding sash]





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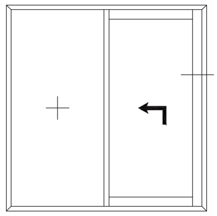

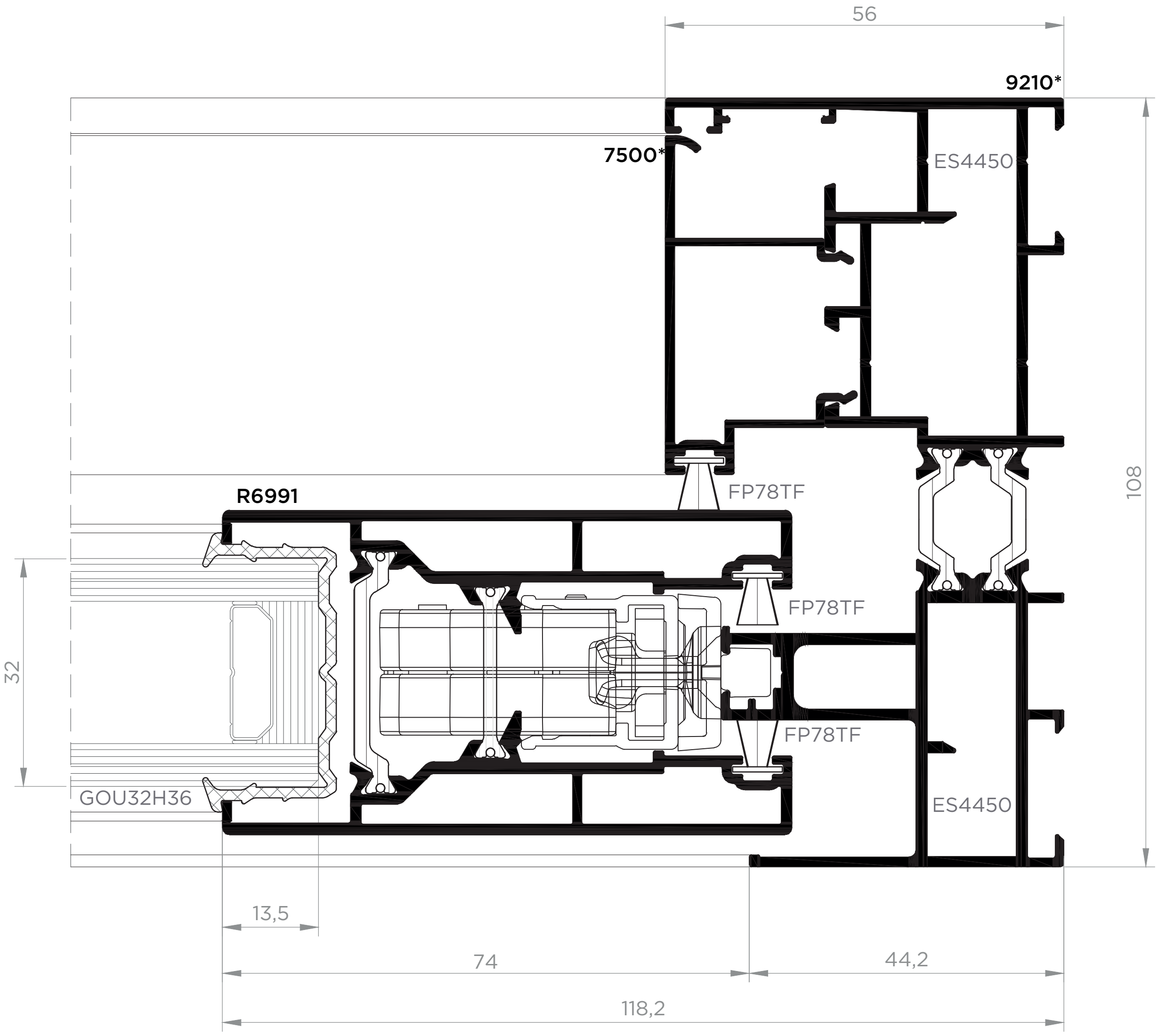

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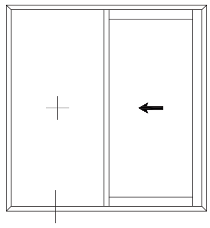
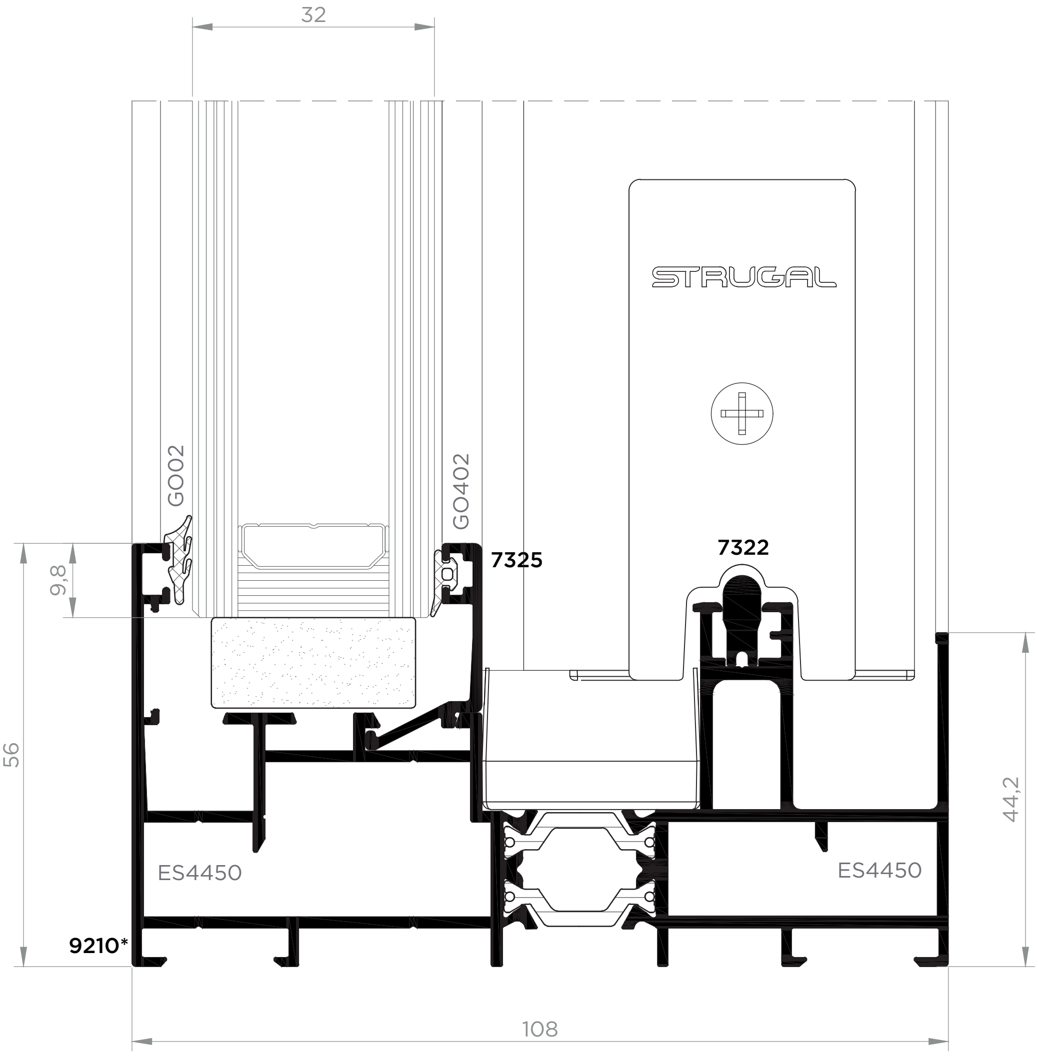
SECCIONES | Secções | Sections | Sections

Sección inferior monocarril, hoja interior. Marco reforzado [Fijo] | Seção inferior de carril simples, folha interna. Aro reforçado [Fixo] | Section inférieure monorail, vantail intérieure. Dormant renforcé [Fixe] | Monorail lower section, interior sash. Reinforced frame [Fixed]





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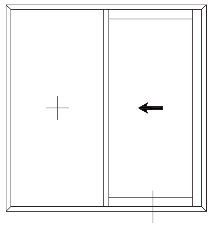
SECCIONES | Secções | Sections | Sections



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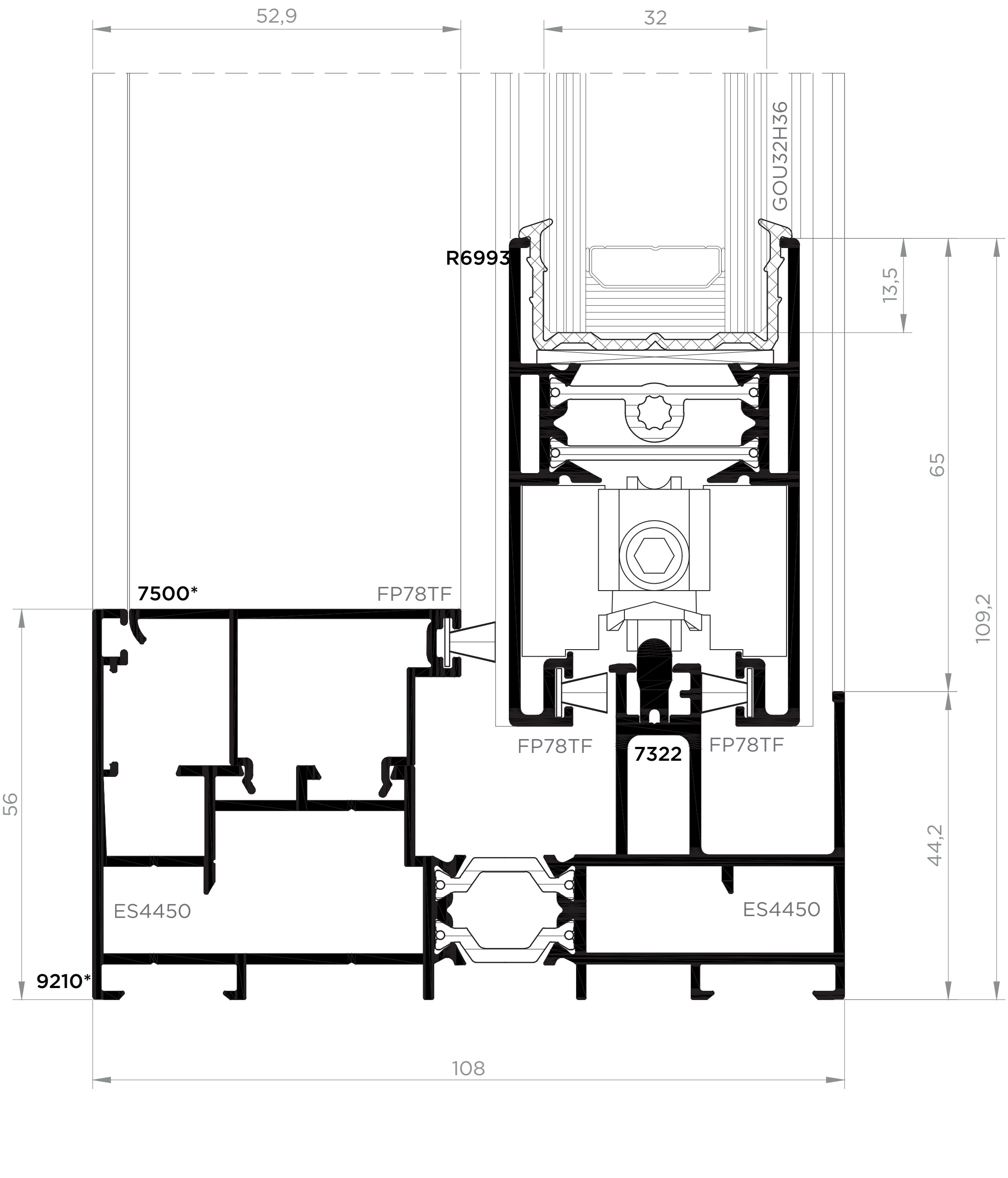

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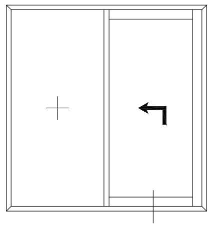
SECCIONES | Secções | Sections | Sections



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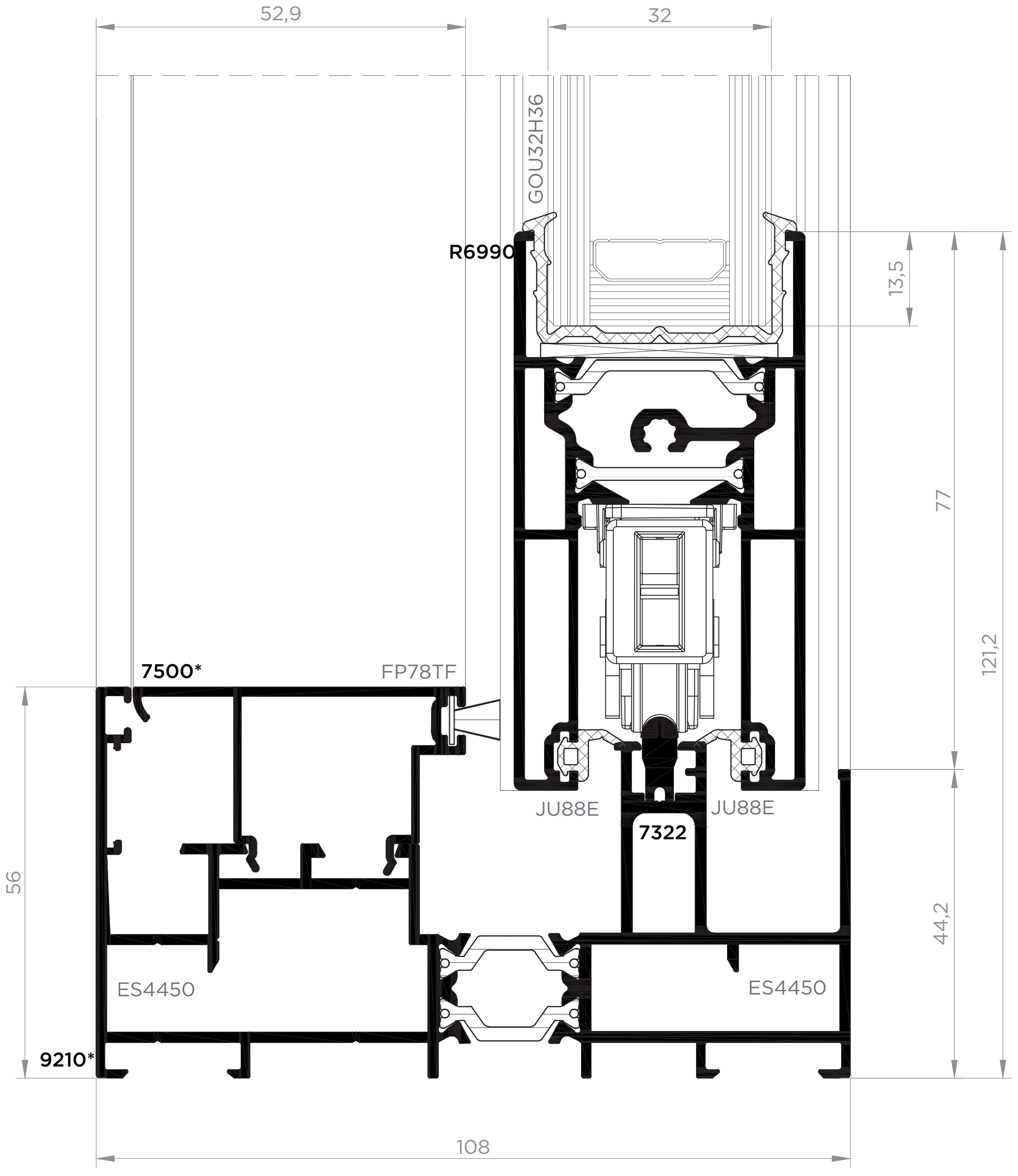

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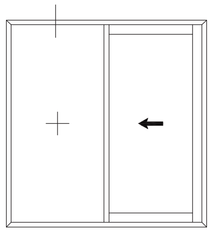

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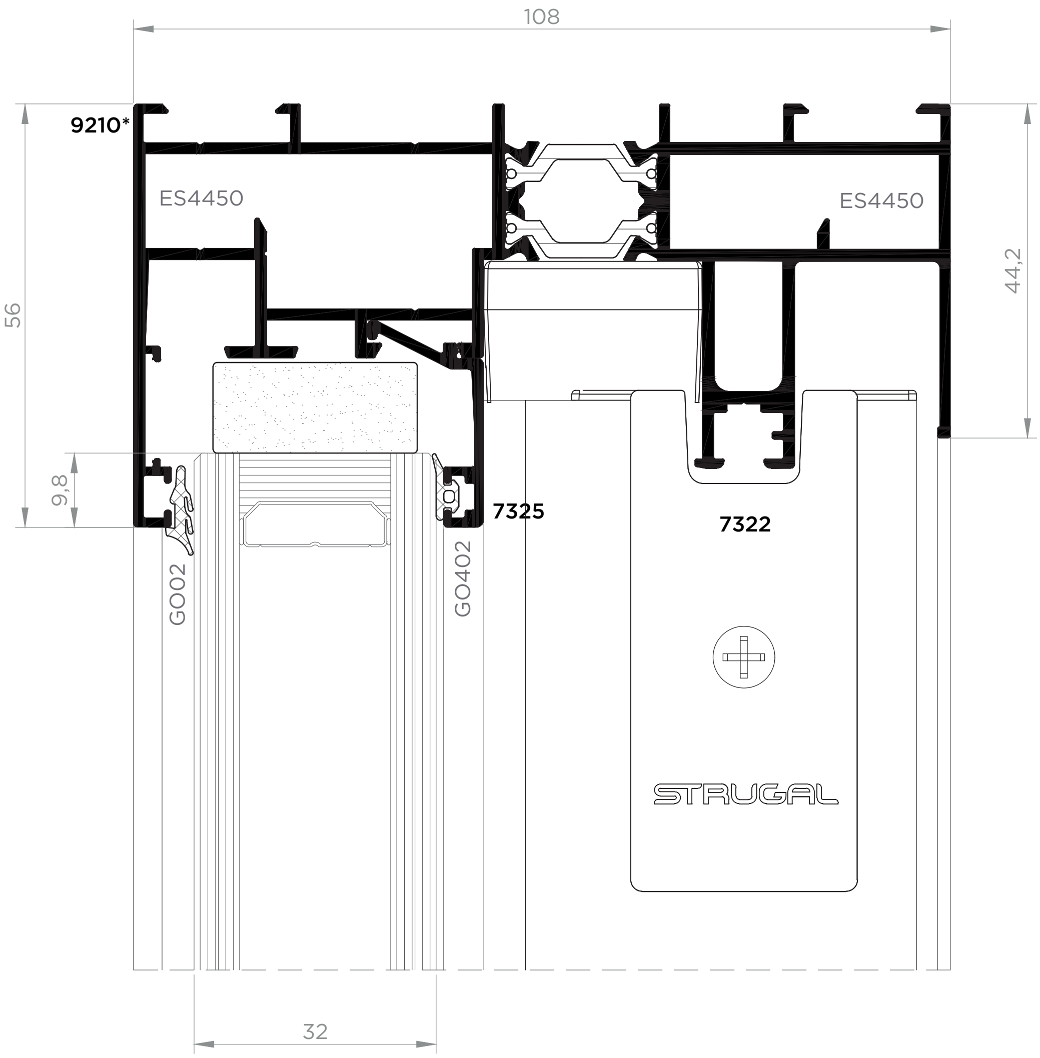

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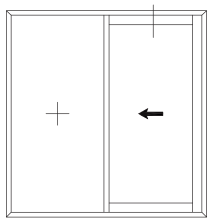
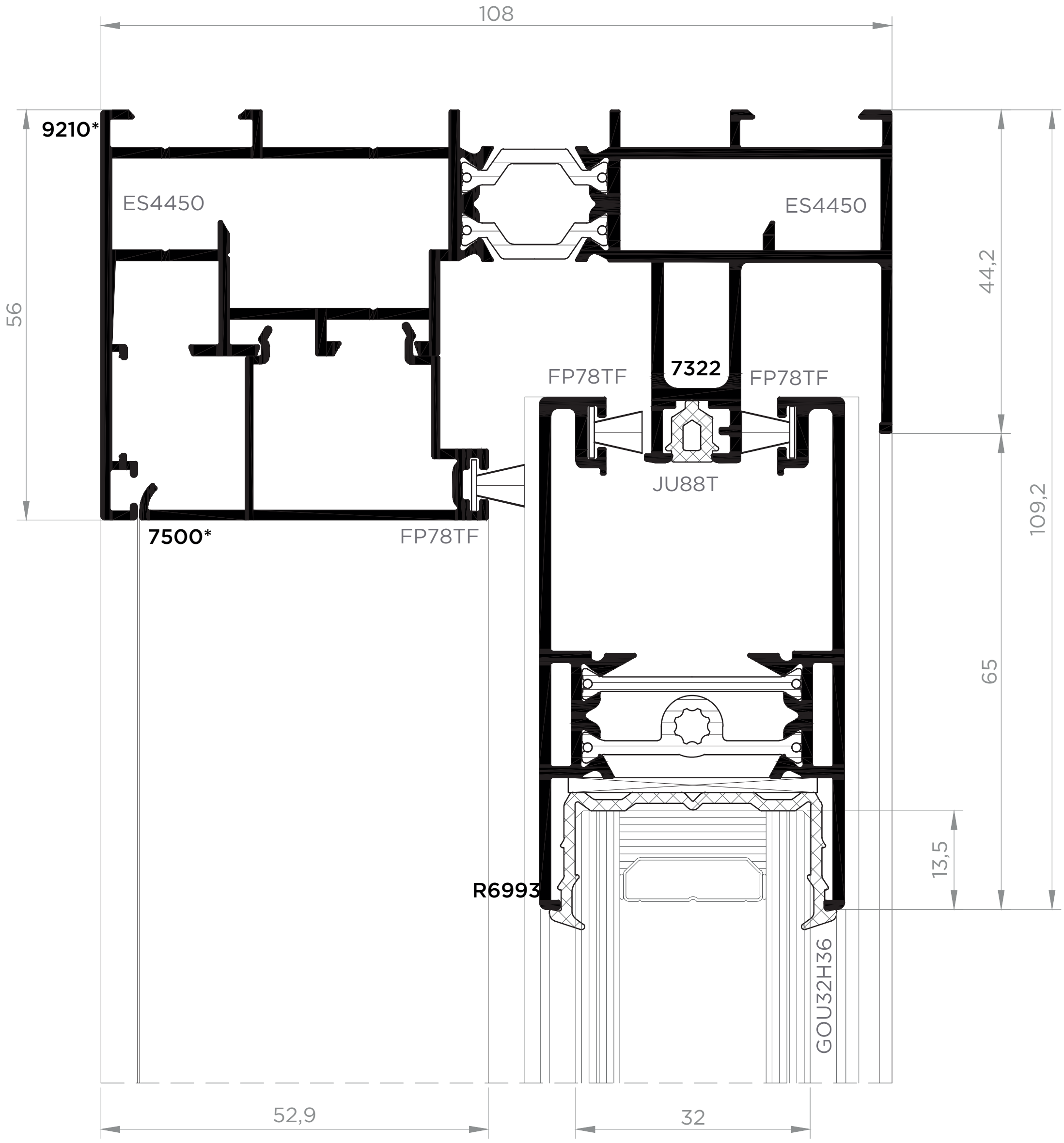
SECCIONES | Secções | Sections | Sections



Sección superior monocarril, hoja interior. Marco reforzado [Hoja deslizante] | Seção superior de carril simples, folha interna. Aro reforçado [Folha delizante] | Section supérieure monorail, vantail intérieure. Dormant renforcé [Vantail coulissant] | Monorail upper section, interior sash. Reinforced frame [Sliding sash]



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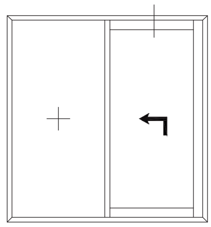

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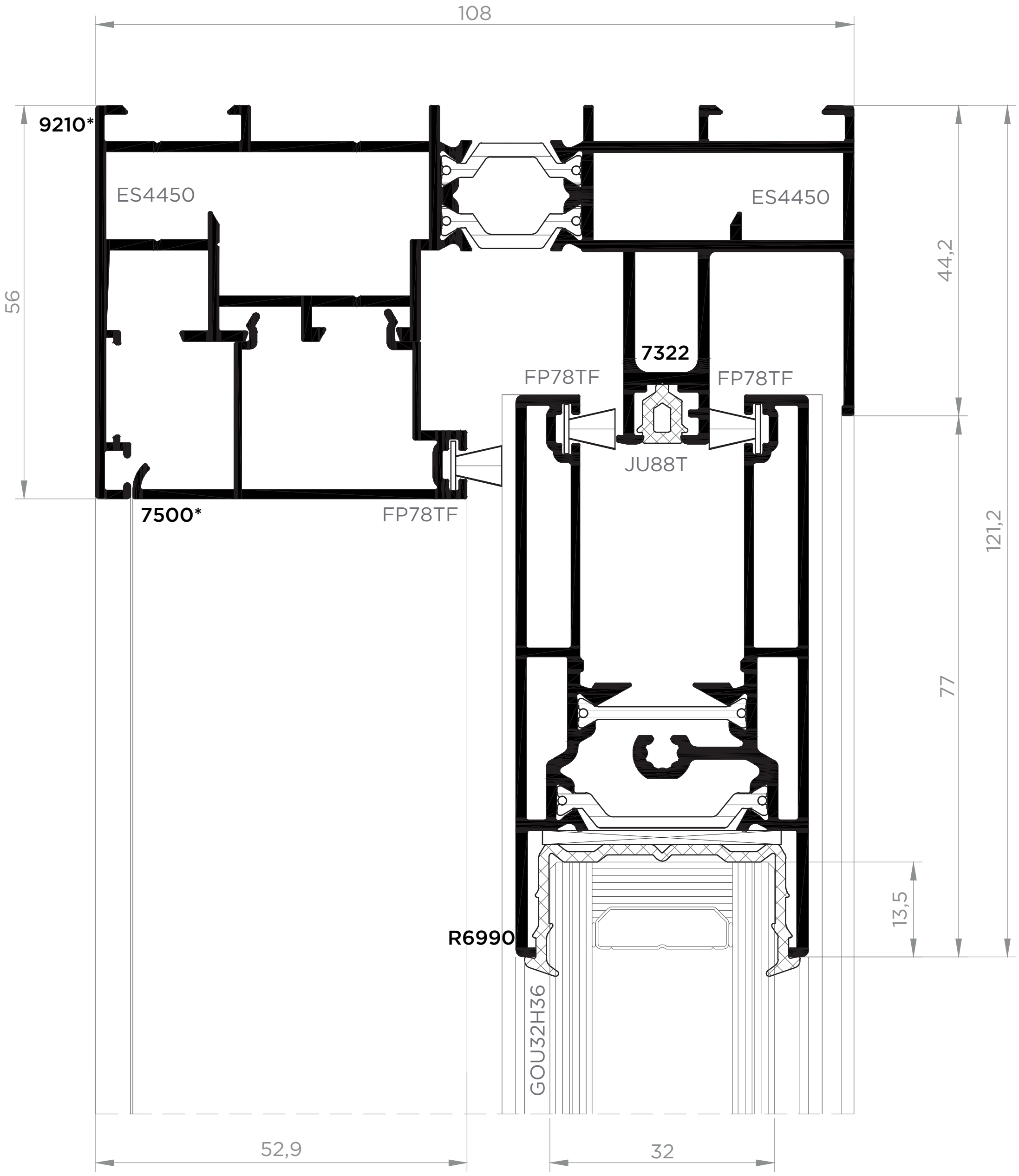

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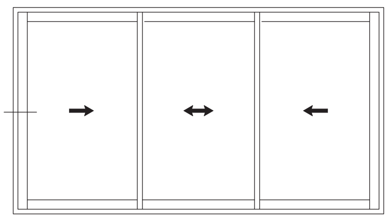
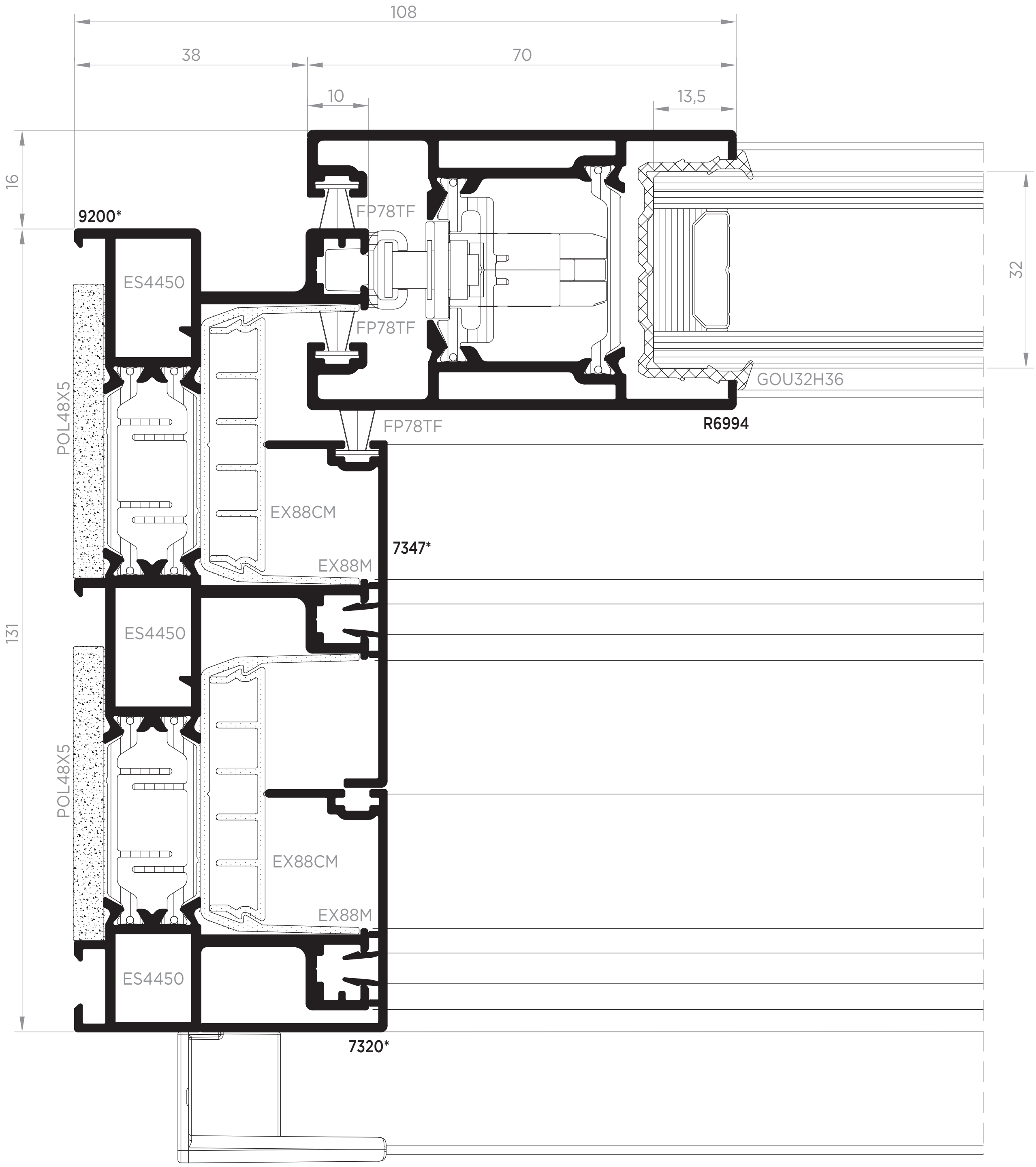
SECCIONES | Secções | Sections | Sections

Sección lateral tricarril [Hoja deslizante] | Seção lateral carril triplo [Folha deslizante] | Section latérale trois rails [Vantail coulissant] | Triple-rail side section [Sliding sash]





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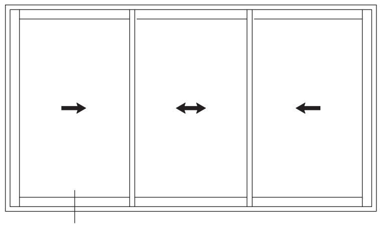
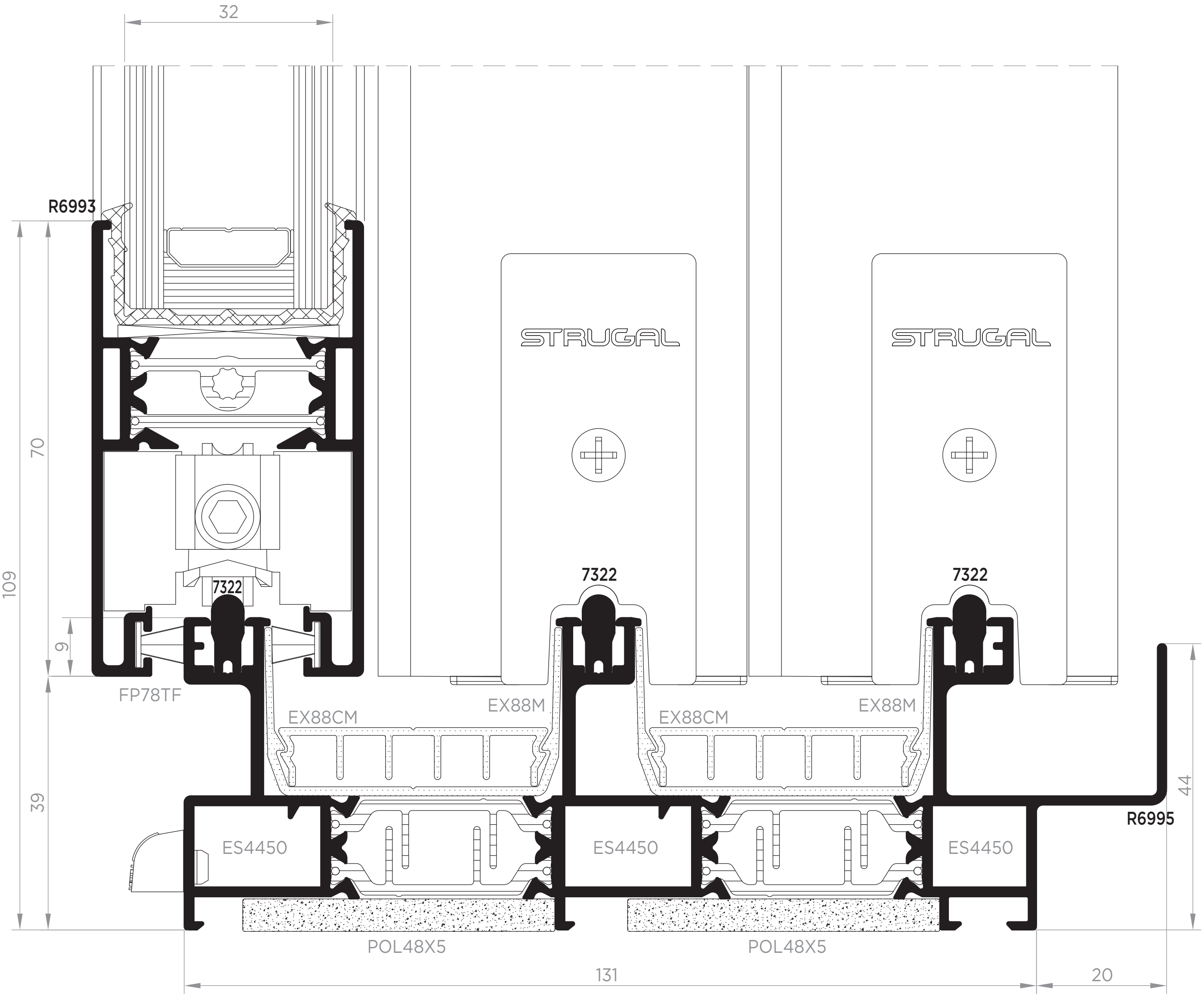
SECCIONES | Secções | Sections | Sections

Sección inferior tricarril [Hoja deslizante] | Seção inferior carril triplo [Folha deslizante]
Section inférieure trois rails [Vantail coulissant] | Triple-rail lower section [Sliding sash]





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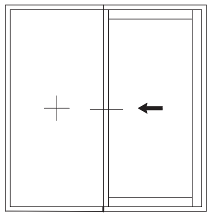

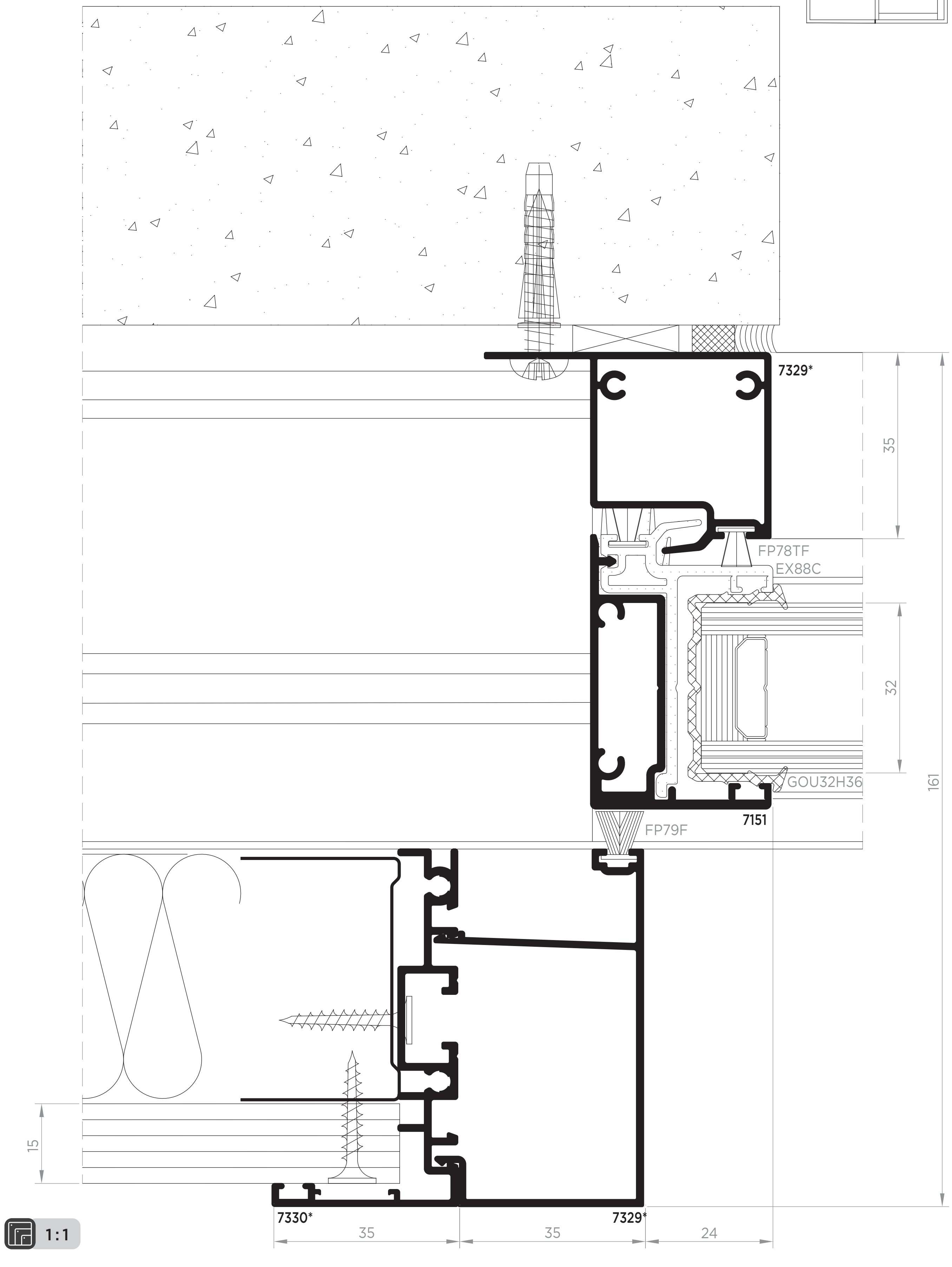

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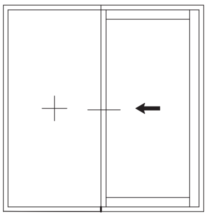

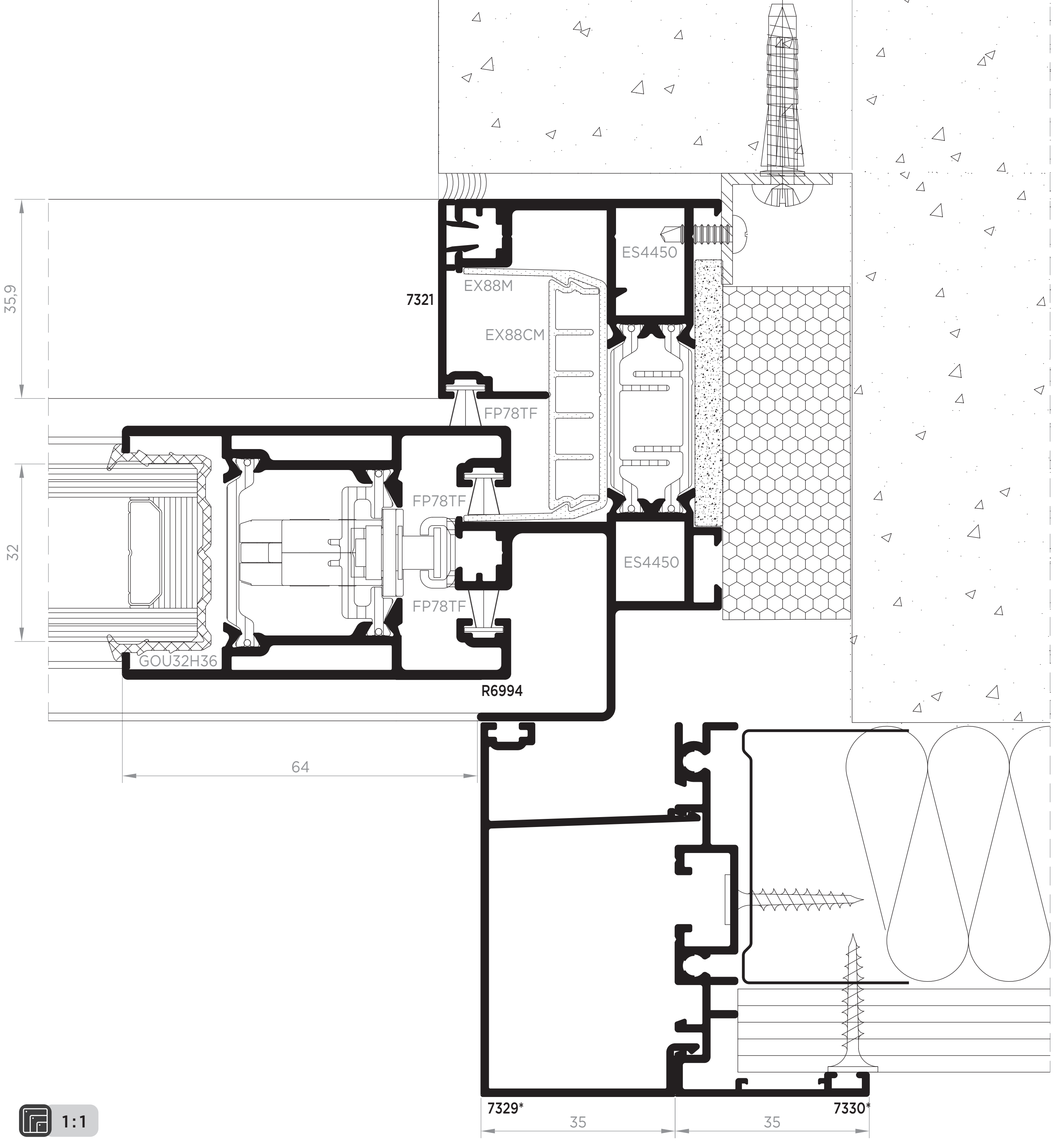

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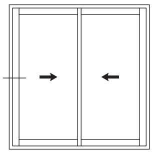
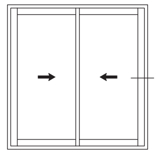
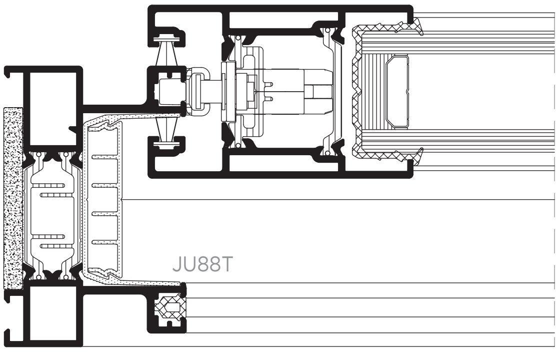
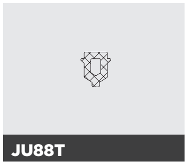
SECCIONES | Secções | Sections | Sections

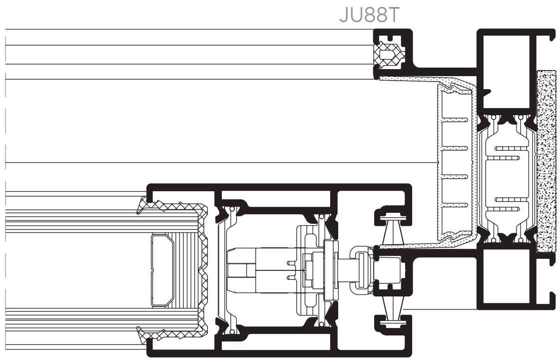
Secciones laterales [Variantes y opciones] | Secções laterais [Variantes e opções] | Des sections latérales [Des variantes et des options] | Side sections [Variants and options]

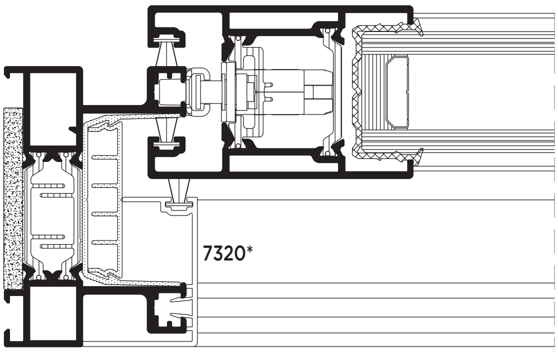


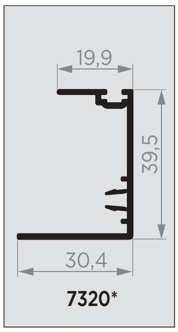


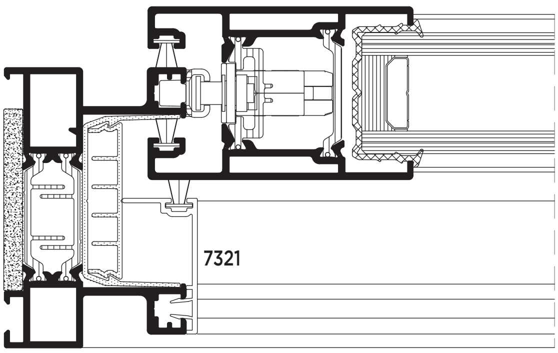


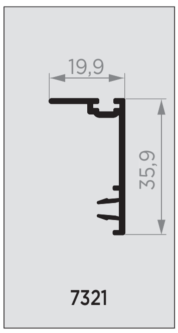


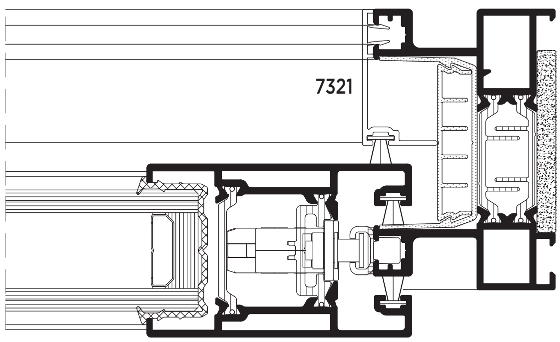












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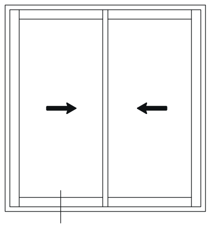
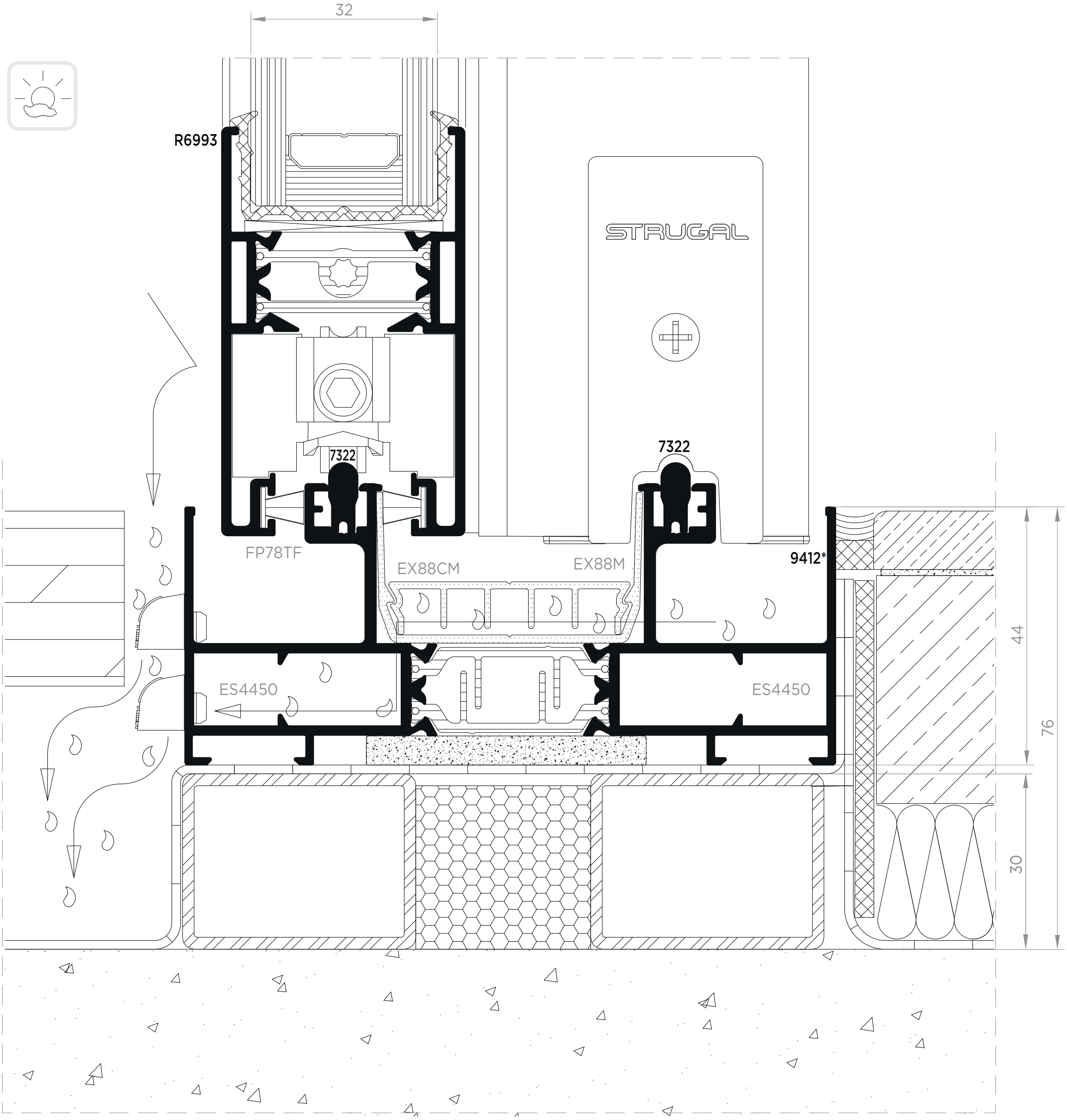
SECCIONES | Secções | Sections | Sections



Sección inferior con marco de embuir de 112mm | Secção inferior com aro de embutir de 112 mm | Séction inférieure avec dormant à encastrer de 112 mm | Lower section with 112 mm encased frame



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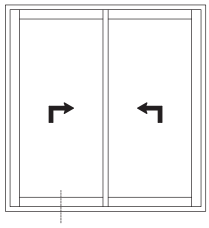
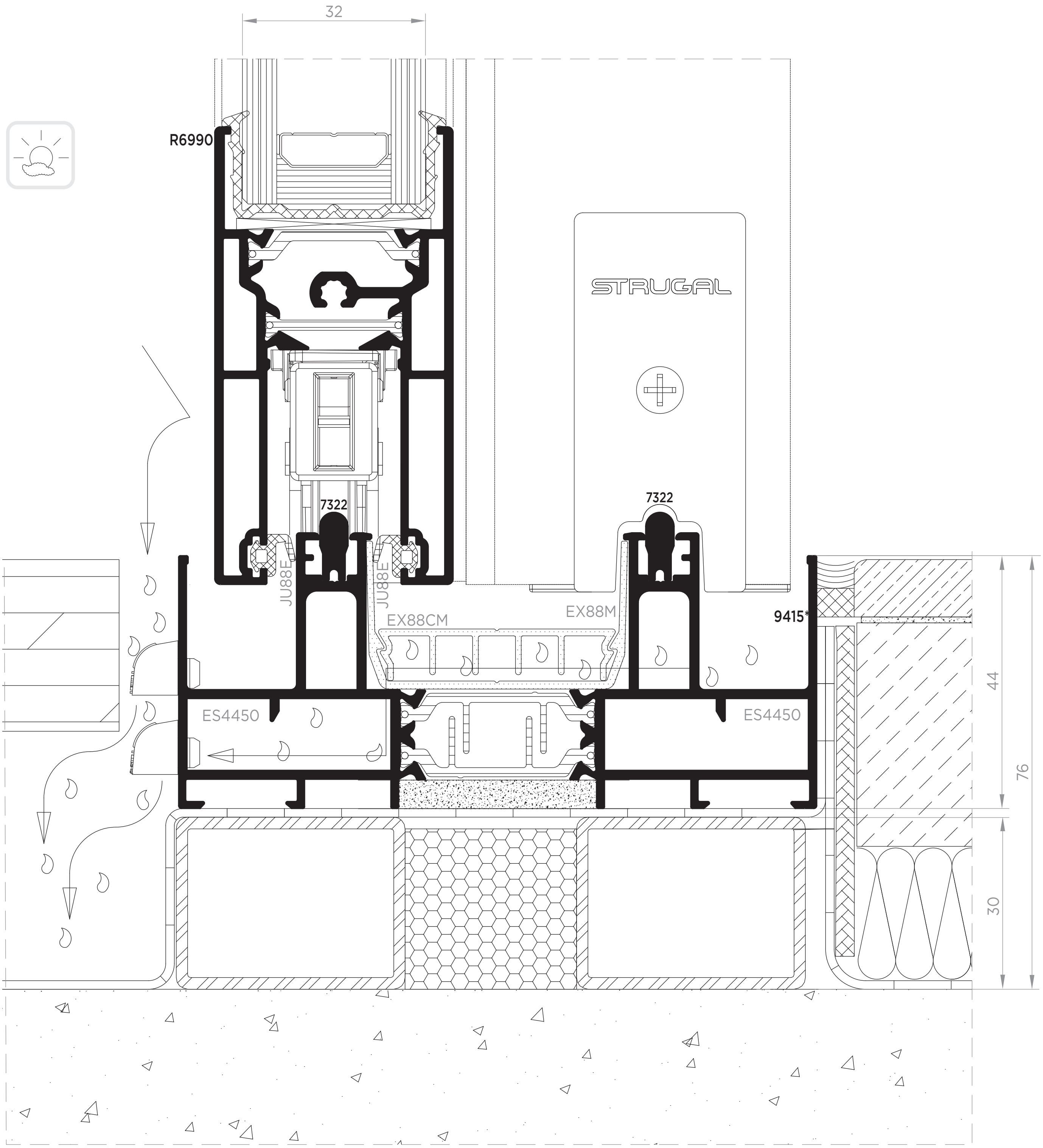
Sección inferior con marco reforzado de embutir de 112 mm | Secção inferior com aro de embutir reforçado de 112 mm | Séction inférieure avec dormant renforcé à encastrer de 112 mm | Lower section with 112 mm encased and reinforced frame





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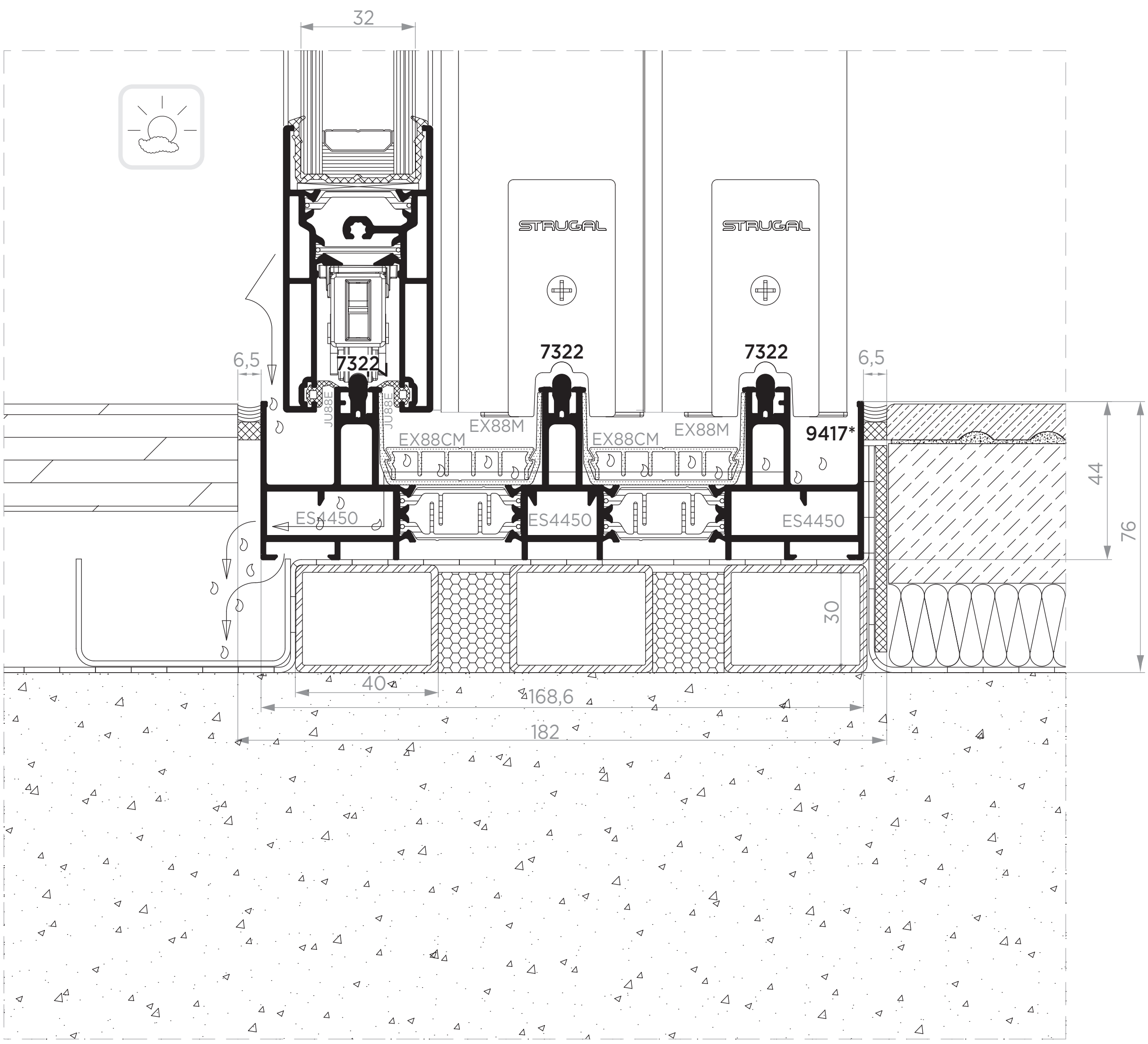
Sección marco tricarril reforzado de embutir | Secção aro carril triplo reforçado de embutir | Séction Cadre trois rails d'emboîtement renforcé | Section of reinforced triple-rail casement in embedded



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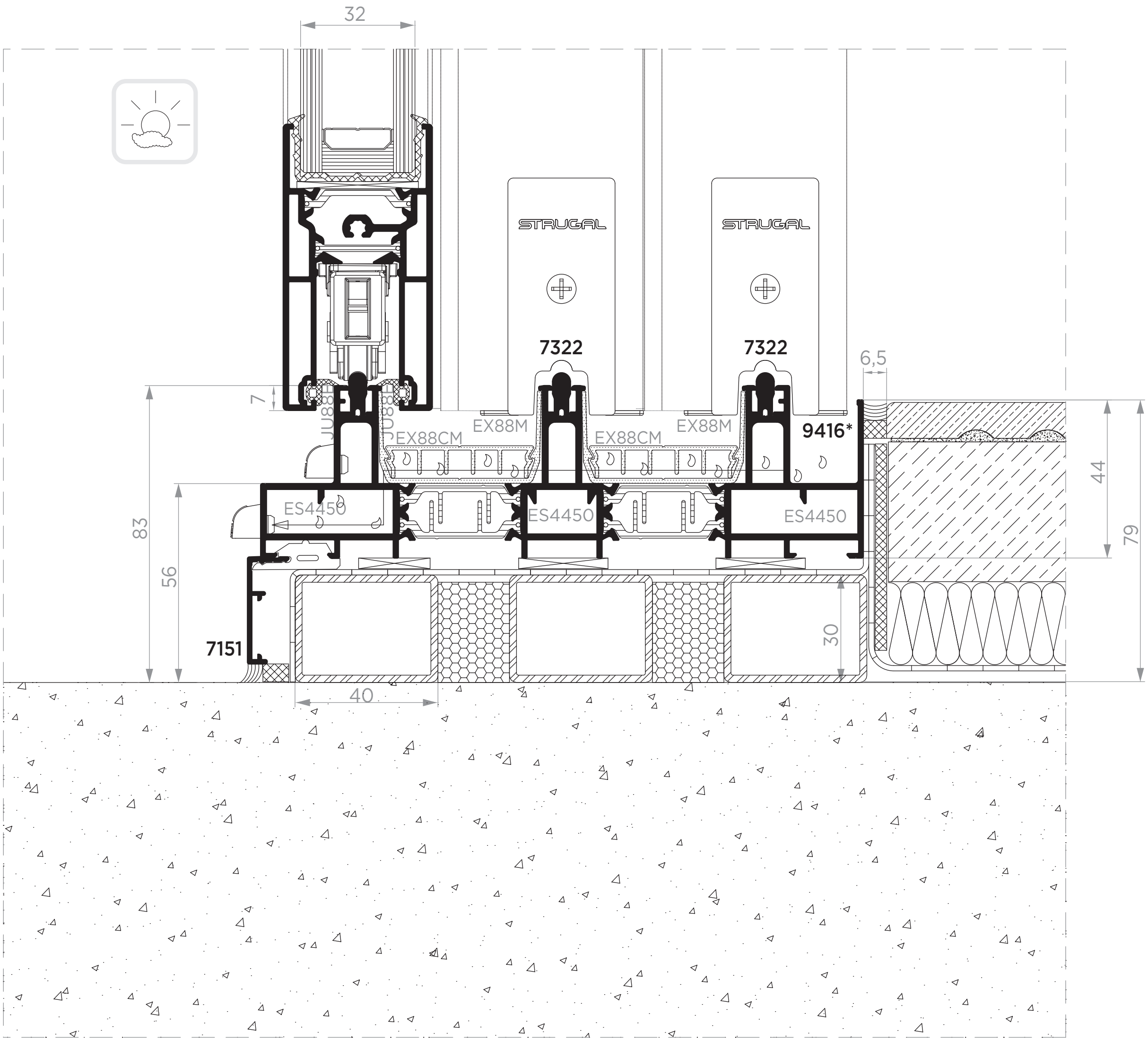
Sección marco tricarril reforzado con recoge condensaciones (RC) | Secção aro carril triplo reforçado com recolha de condensação (RC) | Séction cadre trois rails renforcé avec récupération condensation (RC) | Section of reinforced triple-rail casement with condensation collector



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STRUGAL

STRUGAL **S88RP**

MULTIPUNTOS

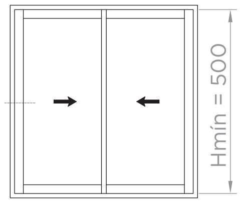
Multipontos
Multipoints
Multi-point

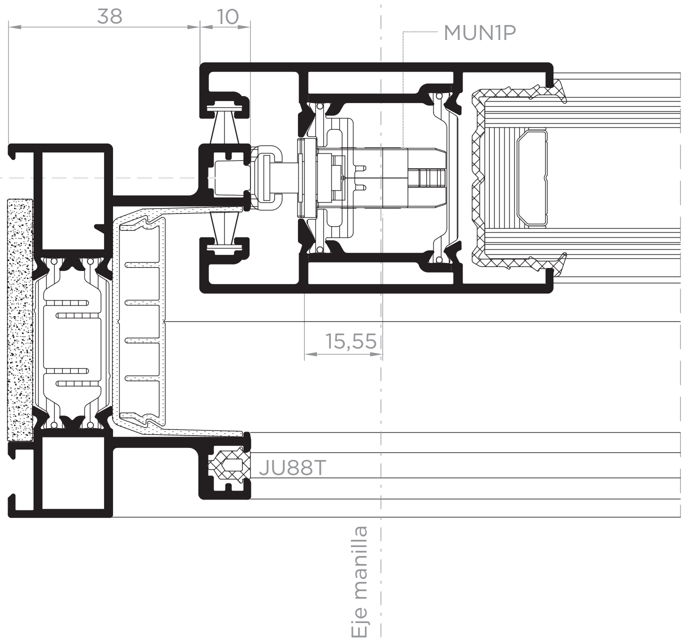
Dados técnicos fabricação | Données téchniques fabrication | Manufacturing technical data

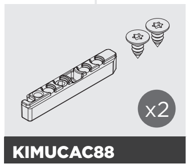
DATOS TEC. FABRICACIÓN

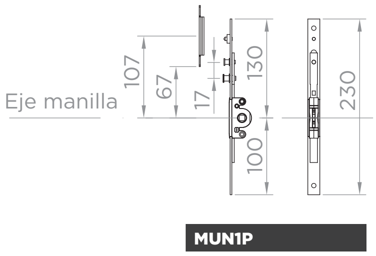
MULTIPUNTOS | Multipontos | Multipoints | Multi-point

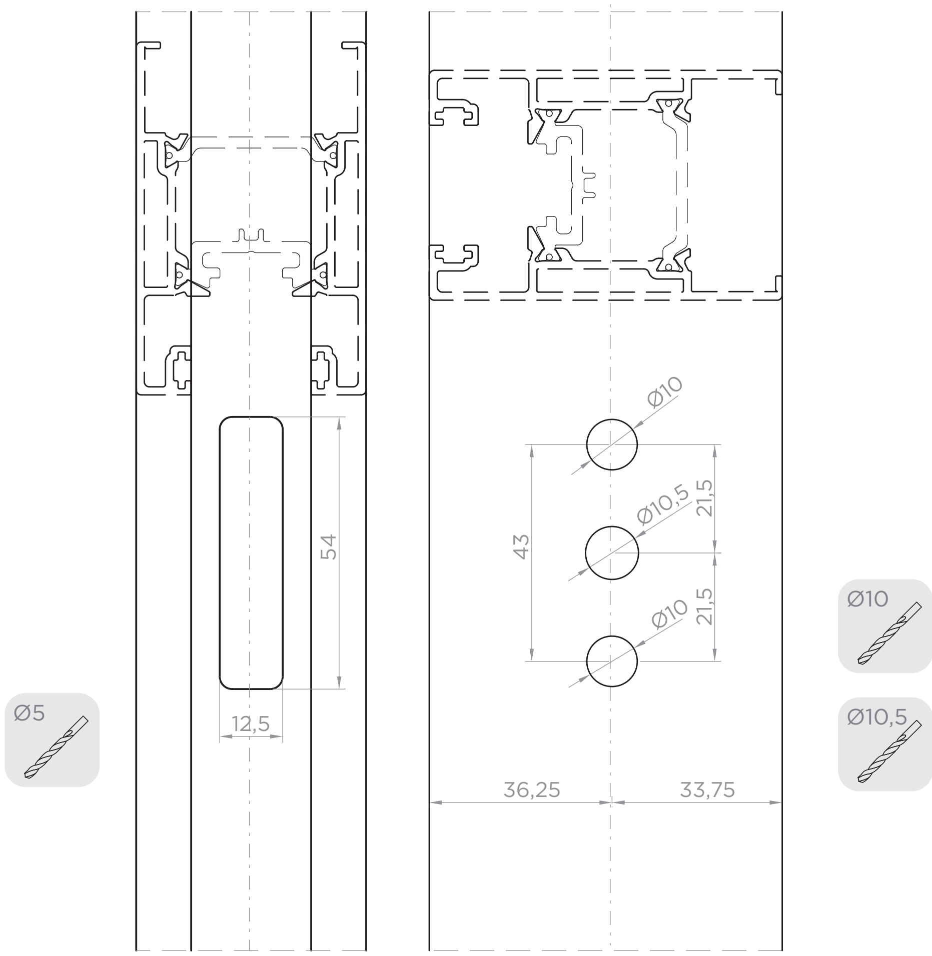
Cremona monopunto E-15 | Cremone monoponto E-15 | Crémone monopointe E-15 | Single-point cremone E-15









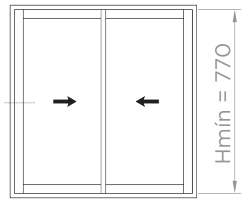


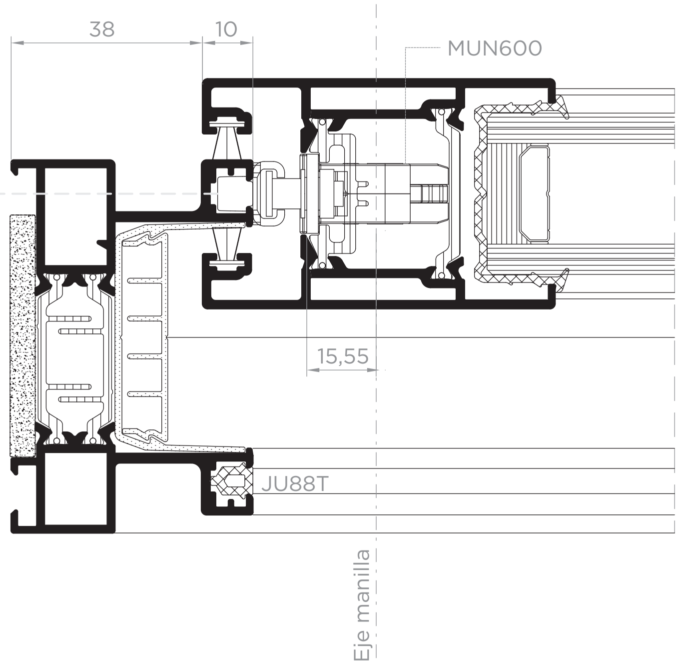
MECANIZADO TRANSMISIÓN
Mecanização de transmissão
Usinage de transmission
Transmission machining

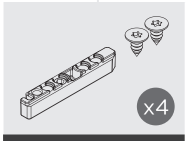
MECANIZADO MANILLA
Mecanização de puxador
Usinage de poignée
Handle machining

MULTIPUNTOS | Multipontos | Multipoints | Multi-point

Cremona multipunto 2 puntos E-15 long. 600 mm | Cremone multiponto de 2 pontos E-15 comp. 600 mm | Crémonemultipoint 2 points E-15 long. 600 mm | Multi-point cremone 2 points E-15 length 600 mm







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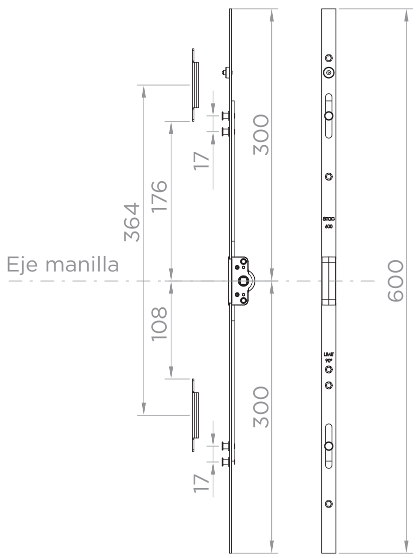
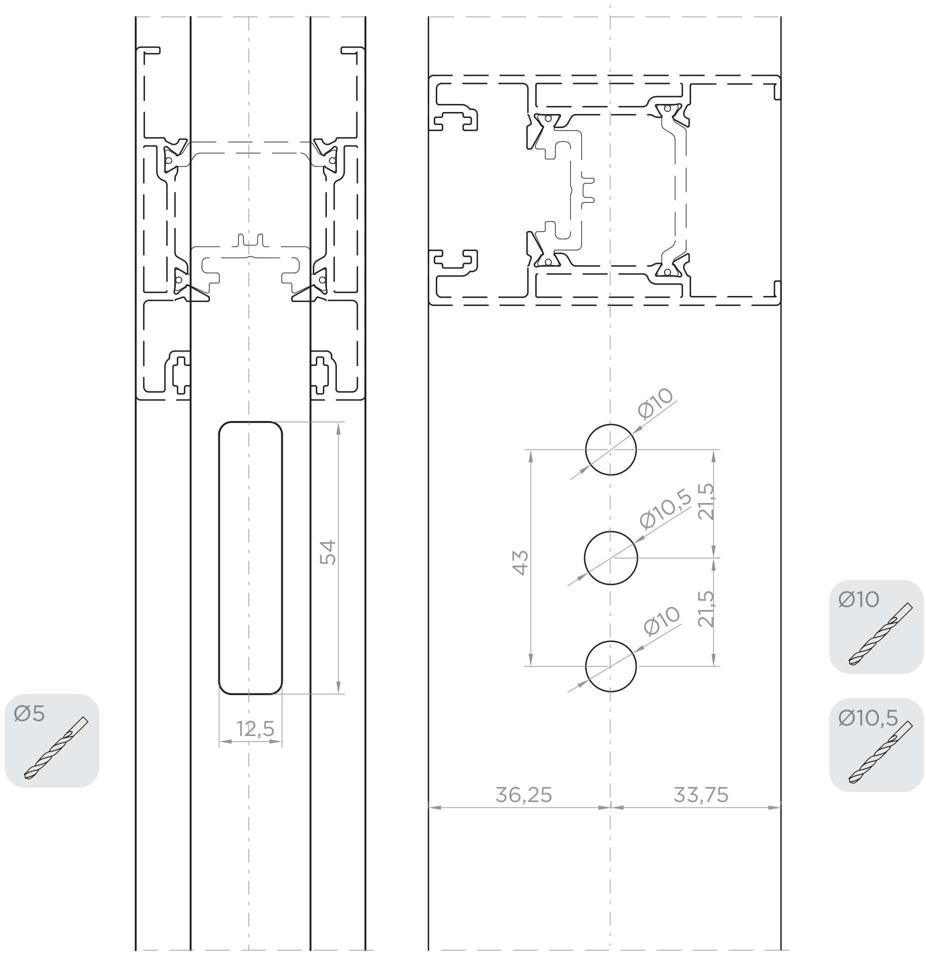


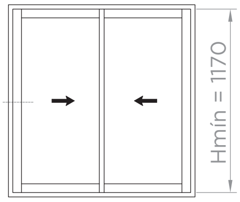
MUN600



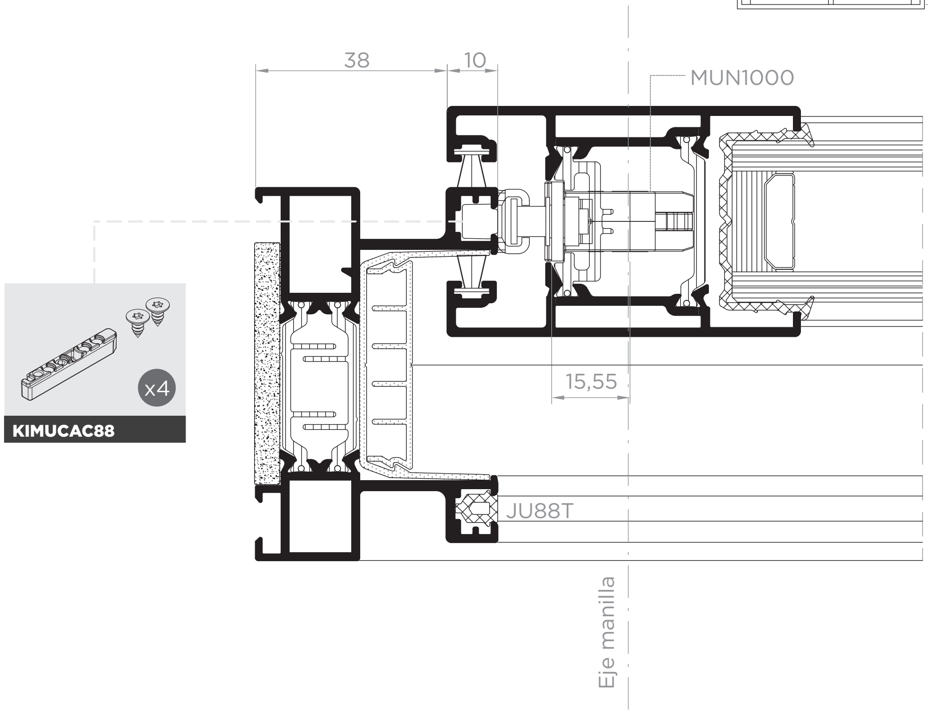
MECANIZADO TRANSMISIÓN
Mecanização de transmissão
Usinage de transmission
Transmission machining

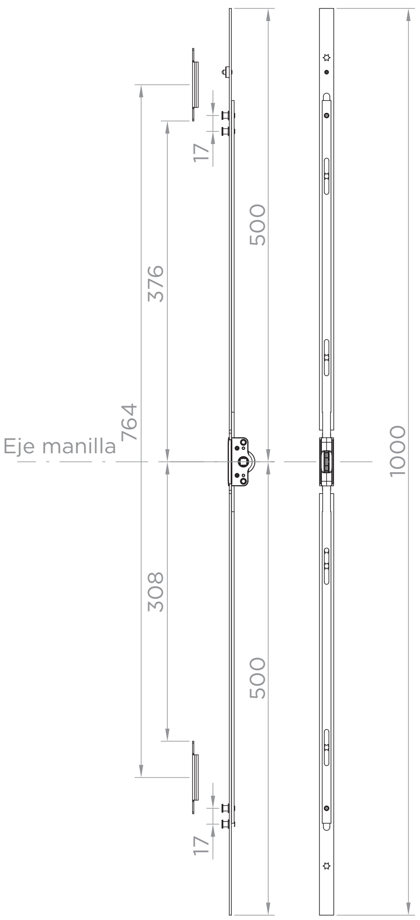
MECANIZADO MANILLA
Mecanização de puxador
Usinage de poignée
Handle machining

MULTIPUNTOS | Multipontos | Multipoints | Multi-point

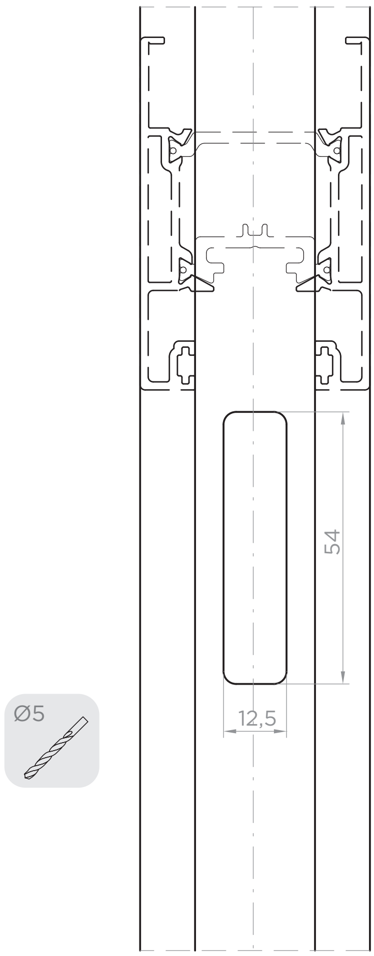


Cremona multipunto 2 puntos E-15 long. 1000 mm | Cremone multiponto de 2 pontos E-15 comp. 1000 mm | Crémonemultipoint 2 points E-15 long. 1000 mm | Multi-point cremone 2 points E-15 length 1000 mm

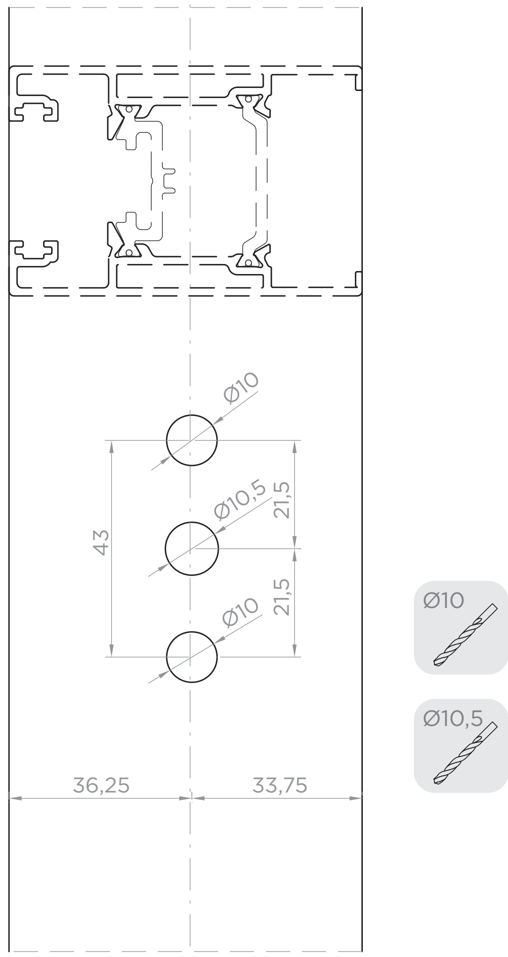




MUN1000

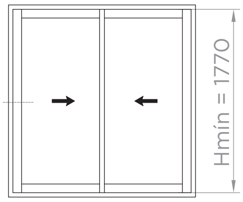


MECANIZADO TRANSMISIÓN
Mecanização de transmissão
Usinage de transmission
Transmission machining

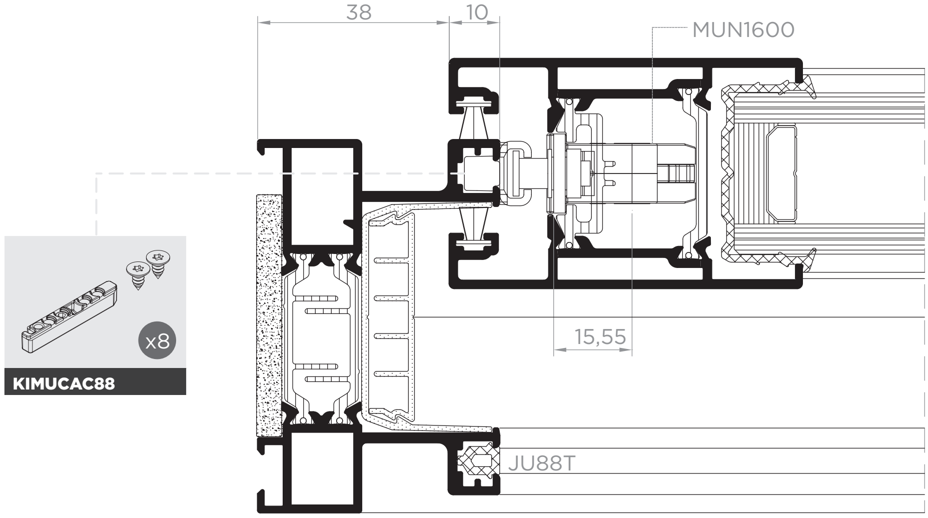


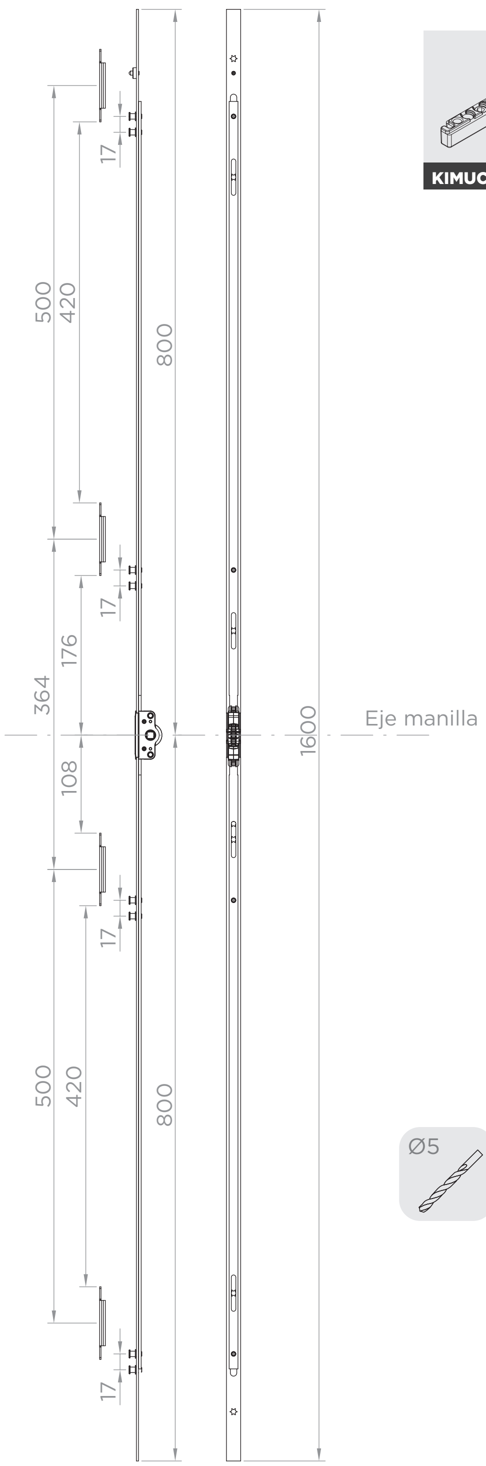
MECANIZADO MANILLA
Mecanização de puxador
Usinage de poignée
Handle machining

MULTIPUNTOS | Multipontos | Multipoints | Multi-point

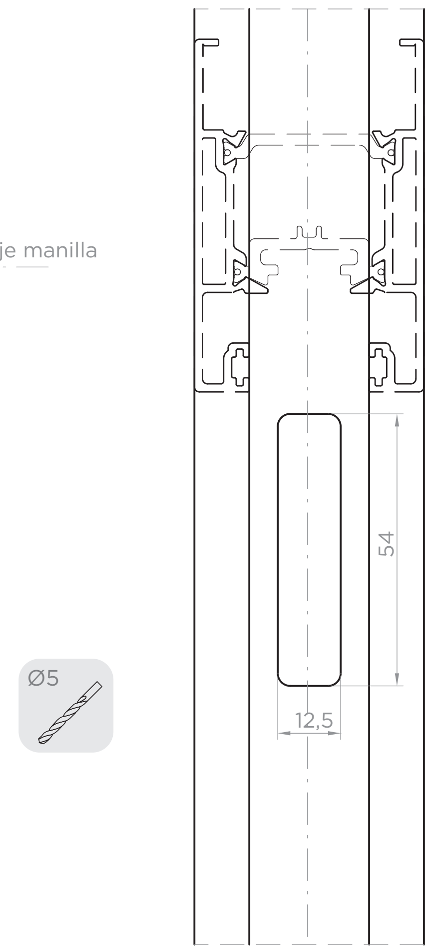


Cremona multipunto 4 puntos E-15 long. 1600 mm | Cremone multiponto de 4 pontos E-15 comp. 1600 mm | Crémonemultipoint 4 points E-15 long. 1600 mm | Multi-point cremone 4 points E-15 length 1600 mm

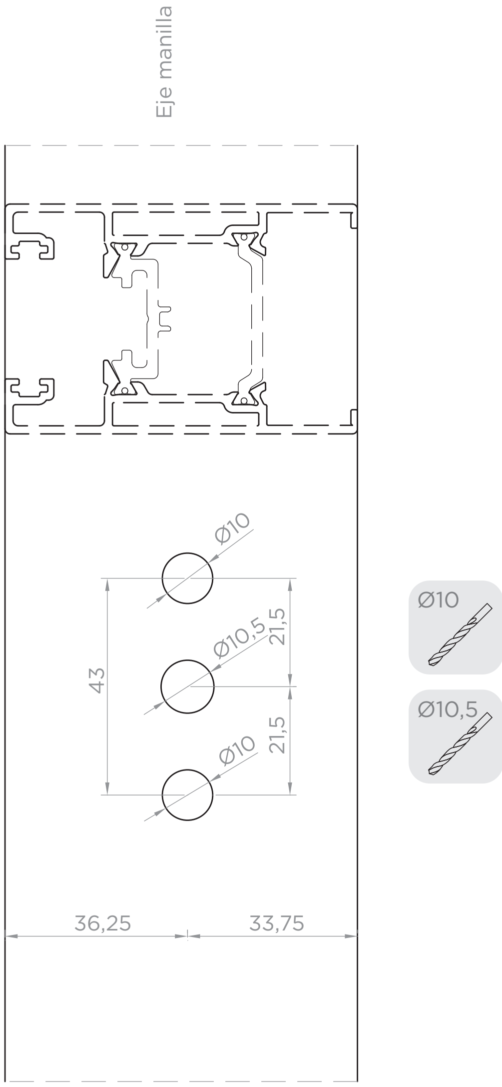




MUN1600



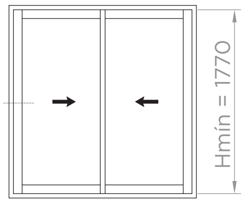
MECANIZADO TRANSMISIÓN
Mecanização de transmissão
Usinage de transmission
Transmission machining

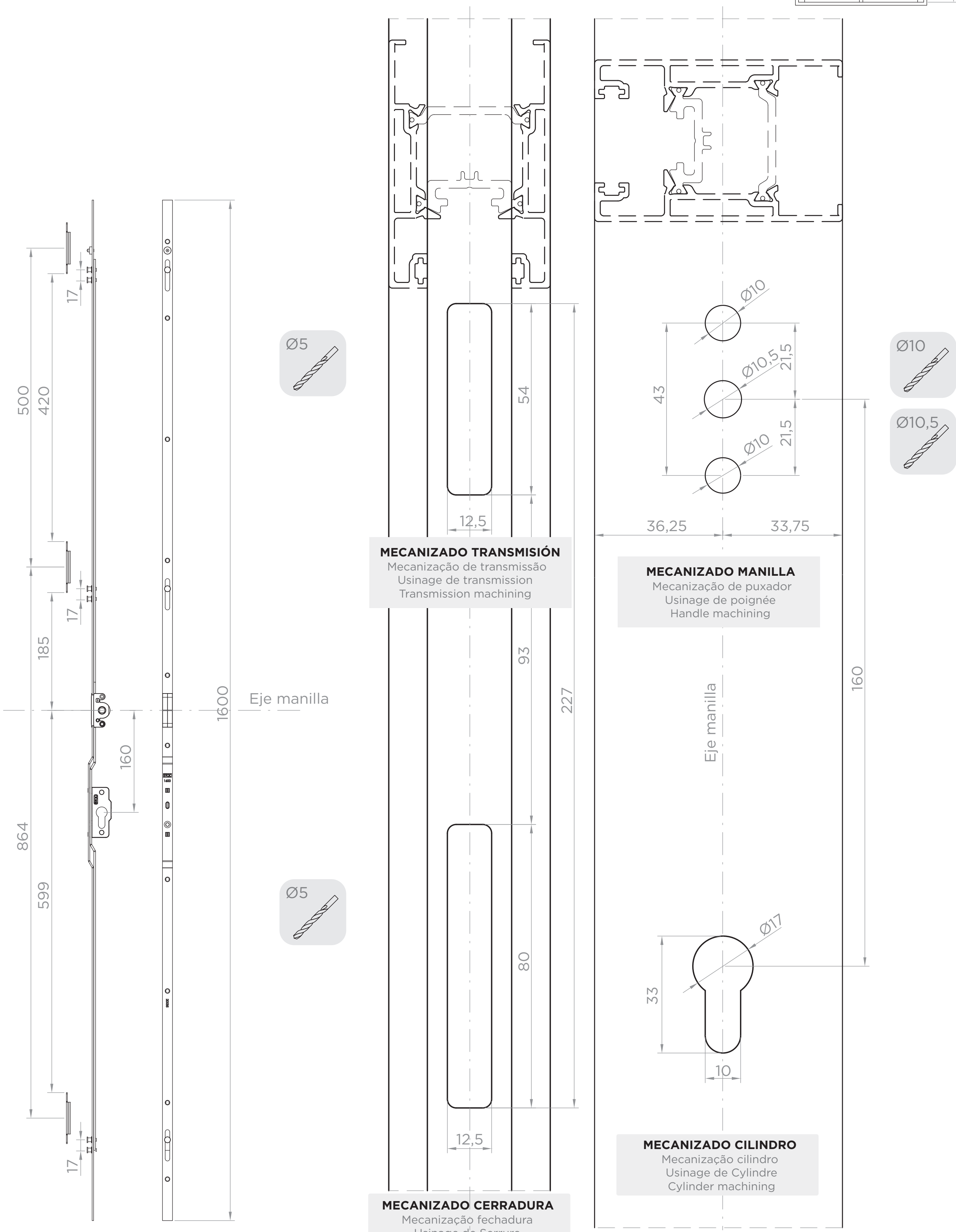


MECANIZADO MANILLA
Mecanização de puxador
Usinage de poignée
Handle machining

MULTIPUNTOS | Multipontos | Multipoints | Multi-point

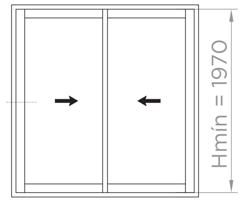
Cremona multipunto 3 puntos E-15 long. 1600 mm con cerradura | Cremone multiponto de 3 pontos E-15 comp. 1600 mm com fechadura | Crémonemultipoint 3 points E-15 long. 1600 mm avec serrure | Multi-point cremone 3 points E-15 length 1600 mm with latch



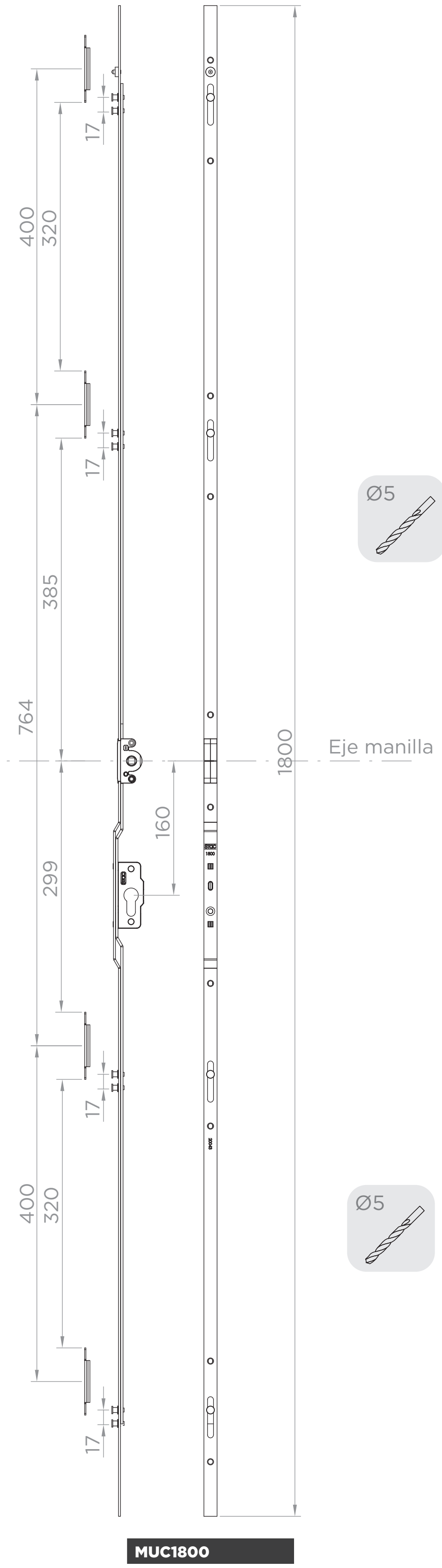


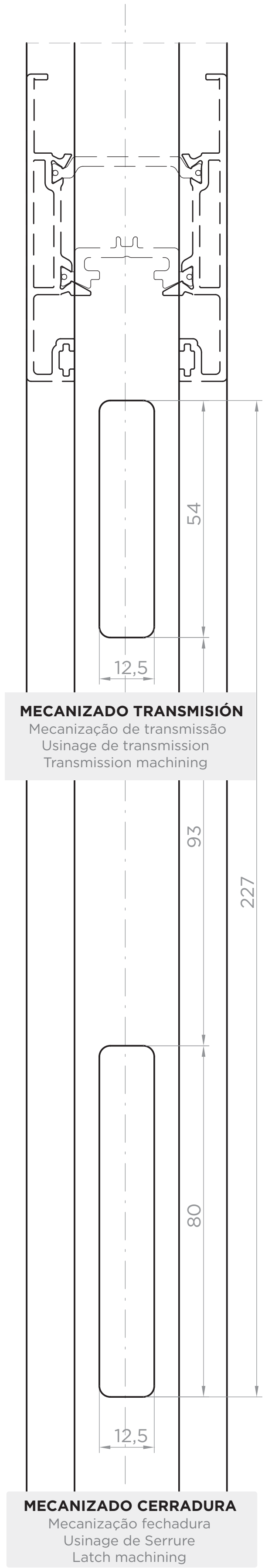
MUC1600

MULTIPUNTOS | Multipontos | Multipoints | Multi-point



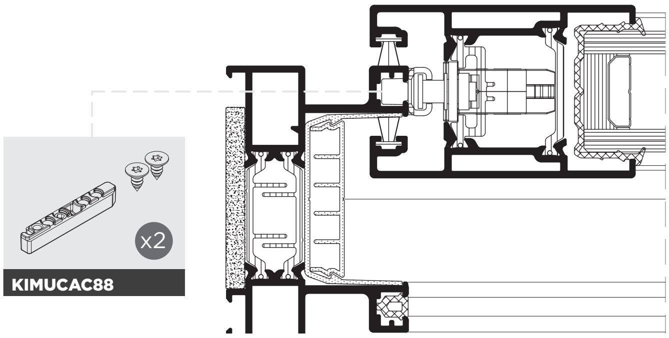
Cremona multipunto 4 puntos E-15 long. 1800 mm con cerradura | Cremone multiponto de 4 pontos E-15 comp. 1800 mm com fechadura | Crémonemultipoint 4 points E-15 long. 1800 mm avec serrure | Multi-point cremone 4 points E-15 length 1800 mm with latch

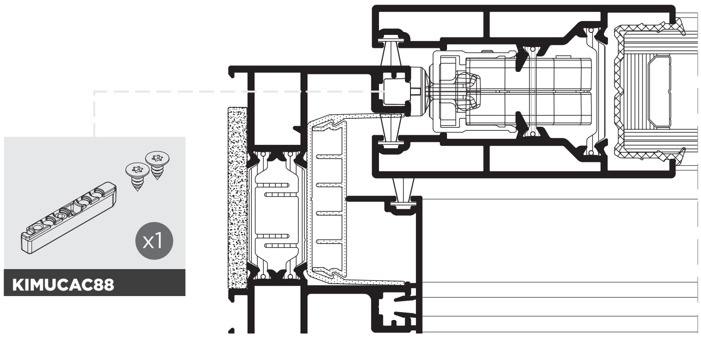




MULTIPUNTOS | Multipontos | Multipoints | Multi-point

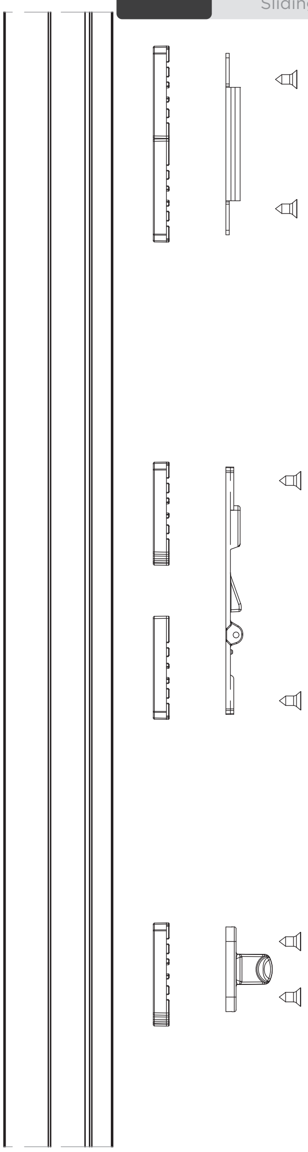
Distribución de calzos para cerraderos | Distribuição de calços para fechos | Distribution de cales pour gâches | Distribution of chocks for strikers

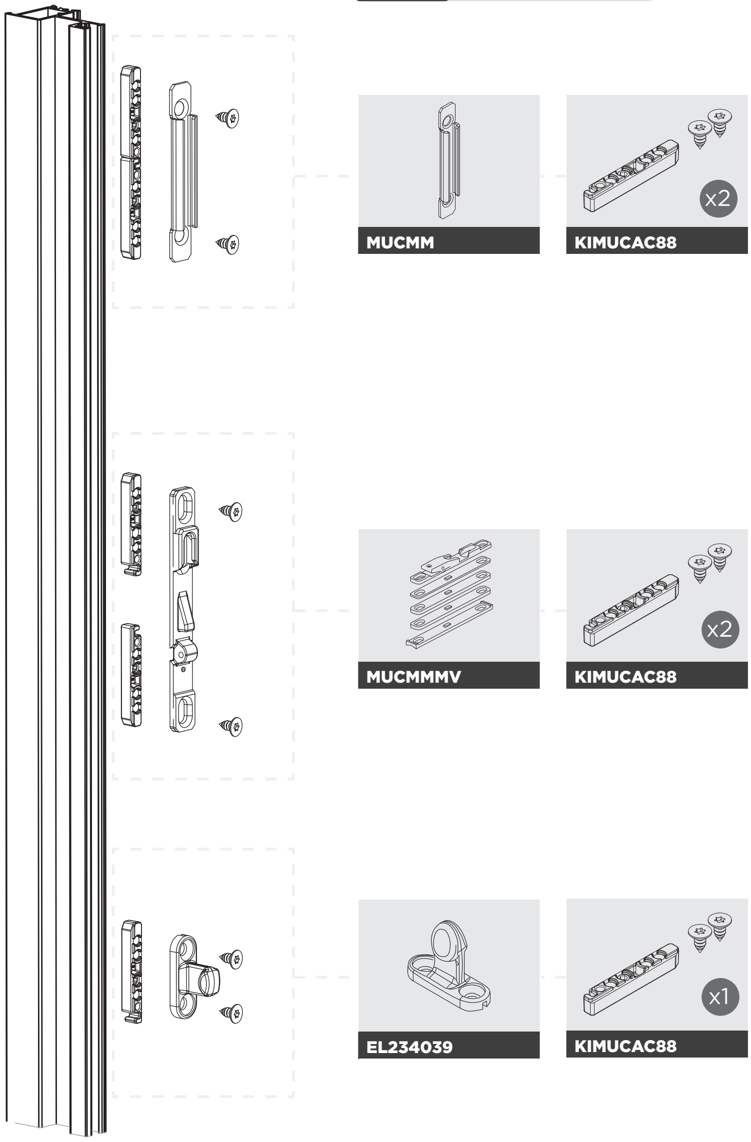




HOJA DESLIZANTE
Folha de correr
Vantail coulissant
Sliding sash

HOJA ELEVABLE
Folha elevável
Vantail à levage
Lift and slide sash





STRUGAL **S88RP**

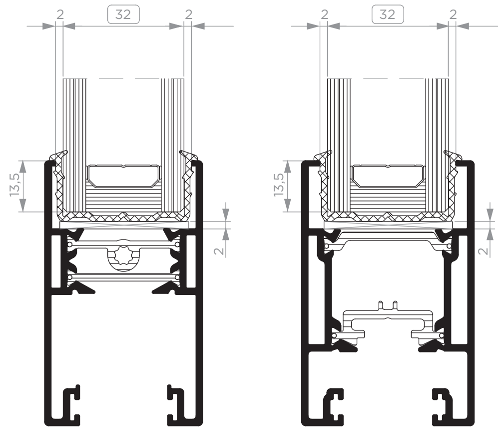
ACRISTALAMIENTO

Envidraçado

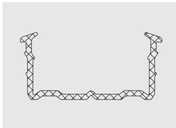
Vitrage

Glazing

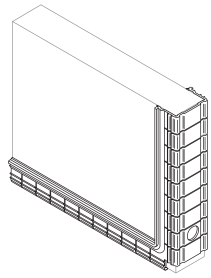
Acristalamientos con juntas en "U" [Hojas Deslizantes y Elevables] | Vidros com juntas em "U" [Folhas de correr e elevável] | Vitrage avec joint "U" [ouvrants coulissantes et à lévage] | Glazing with "U" gaskets [sliding and lift&slide sashes]

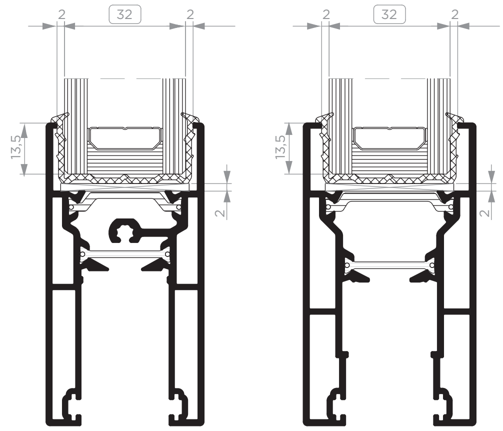


HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

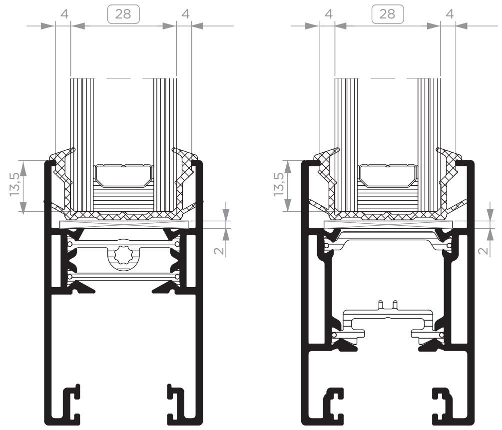


GOU32H36



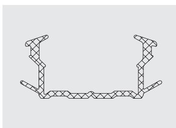


HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes

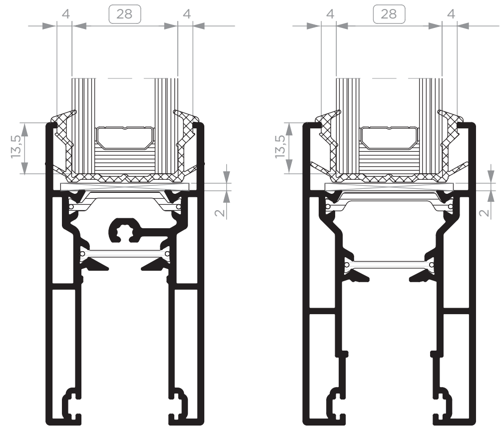


HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

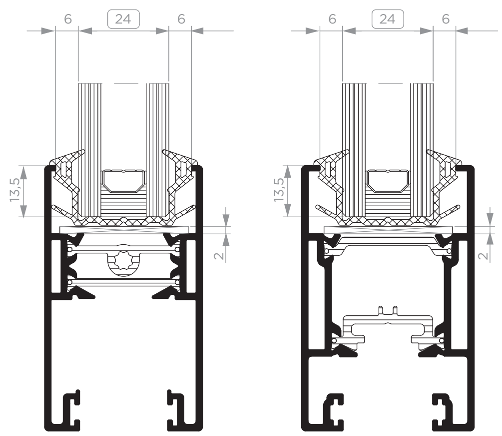
- Las juntas en "U" se suministran con precorte y drenaje.
- As juntas "U" são fornecidas com pré-corte e drenagens.
- Les joints "U" seront fournis avec precoupe et drainage.
- "U" gaskets are provided with pre-cutting and draining.



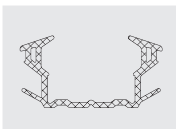
GOU28H36



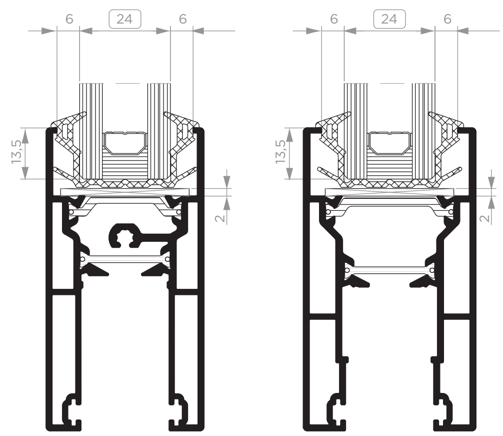
HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes



HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

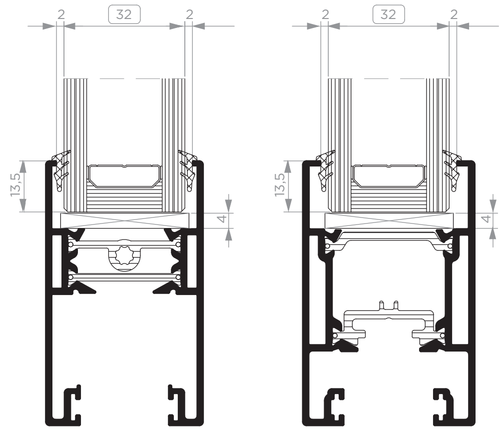


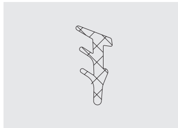
GOU24H36



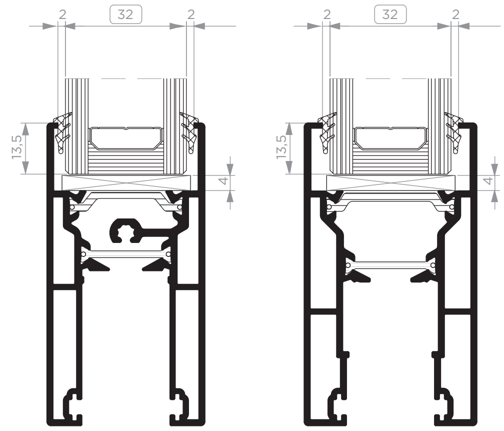
HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes

Acristalamientos con juntas de presión [Hojas Deslizantes y Elevables] | Vidros com juntas de pressão [Folhas de correr e elevável] | Vitrage avec joints à pression [ouvrants coulissantes et à lévage] | Glazing with pressure seals [sliding and lift&slide sashes]



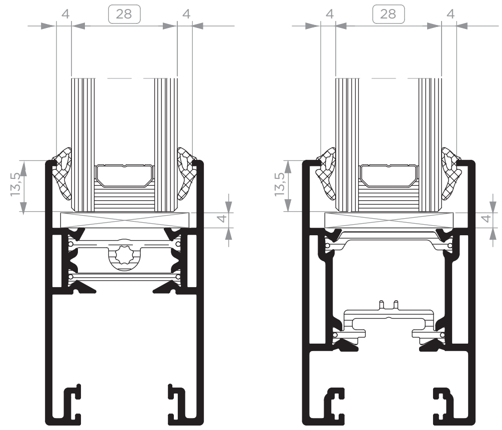


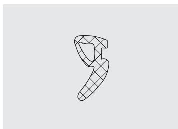
GO02



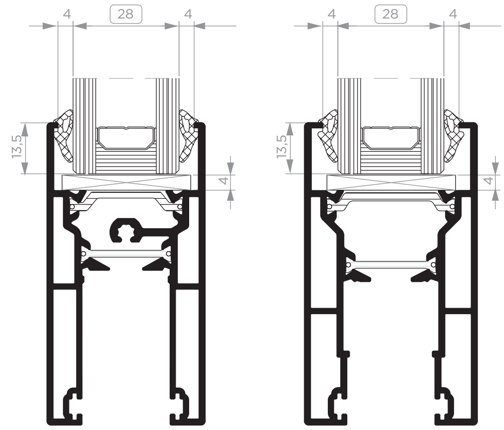
HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes



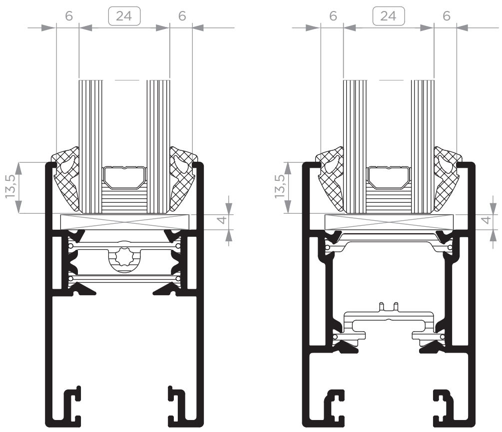


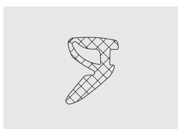
GO03



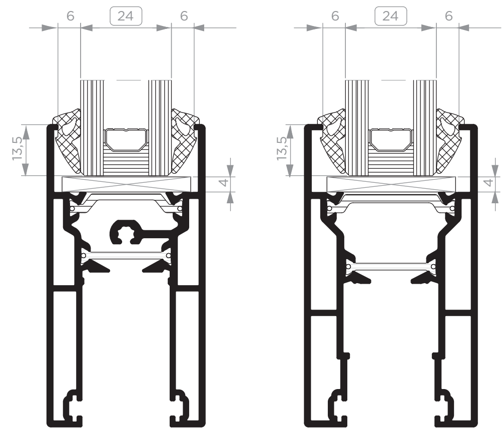
HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes





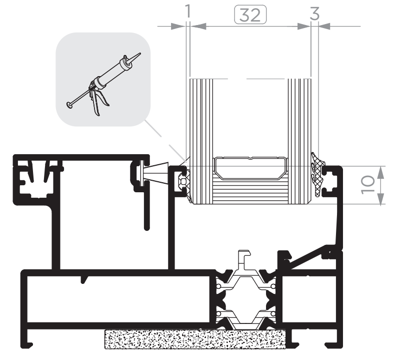
GO05

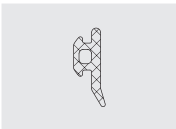


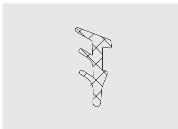
HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

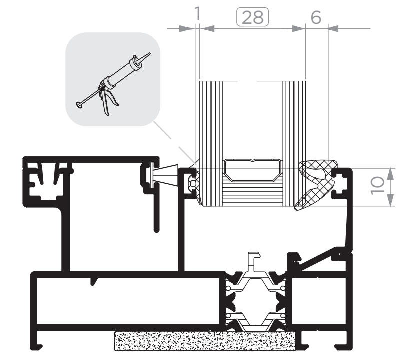
HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes

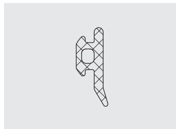
Acristalamientos monocarril [Monocarril] | Vidro para monocarril [Monocarril] | Vitrage monorail [Monorail] | Monorail glazing [Monorail]




GO402


GO02

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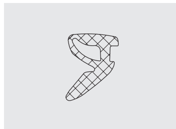
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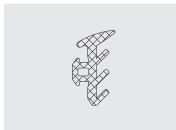
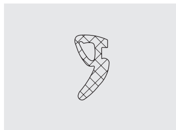
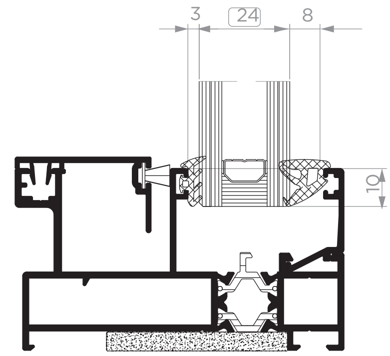
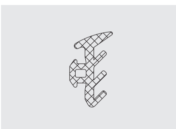

GO74AEXT


GO03

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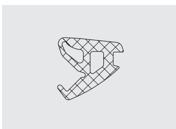
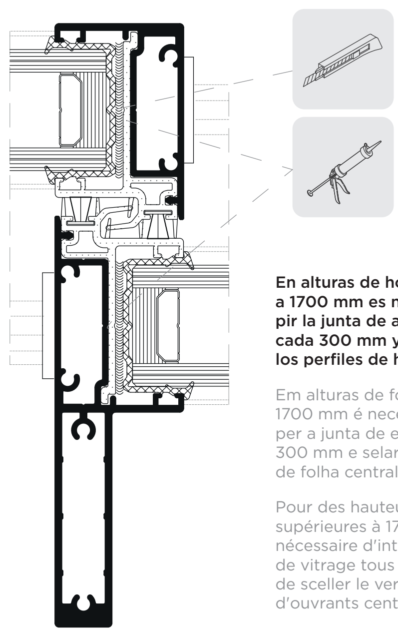

GO08

Para el pegado del vidrio se deben seguir las recomendaciones del fabricante y se debe comprobar la compatibilidad del material de unión de los bordes y el vidrio.

Ao colar o vidro, as recomendações do fabricante devem ser seguidas e a compatibilidade do material de colagem das bordas e do vidro deve ser verificada.

Pour le collage du verre il faut suivre les recommandations du fabricant et il faut vérifier la compatibilité du matériau d'union entre les bords et le verre.

For gluing the glass, the manufacturer's recommendations should be followed and the compatibility of the bonding material of the edges and the glass should be checked.



En alturas de hoja superiores a 1700 mm es necesario interrumpir la junta de acristalamiento cada 300 mm y sellar el vidrio en los perfiles de hoja centrales.

Em alturas de folha superiores a 1700 mm é necessário interromper a junta de envidraçado a cada 300 mm e selar o vidro nos perfis de folha central

Pour des hauteurs d'ouvrants supérieures à 1700 mm il s'avère nécessaire d'interrompre le joint de vitrage tous les 300 mm et de sceller le verre aux profils d'ouvrants centraux

In sash heights greater than 1700 mm the glazing gasket must be divided every 300 mm and glass sealed on central sash profiles

ACRISTALAMIENTO | Envidraçado | Vitrage | Glazing

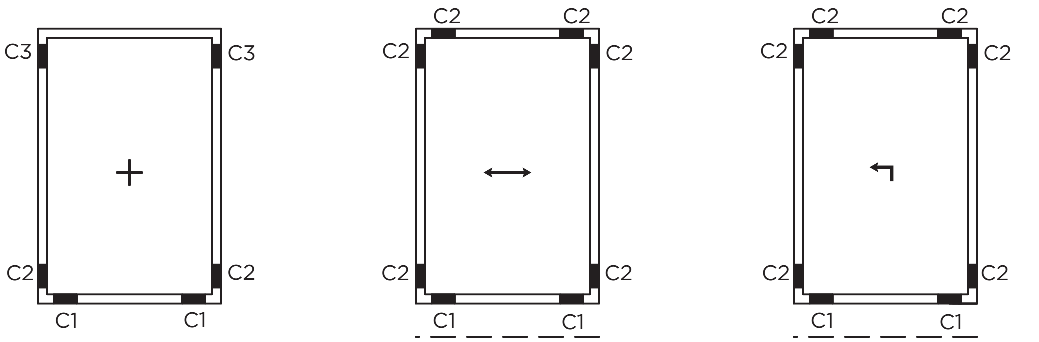
Acristalamientos [calzos] | Vidros [Calços] | Vitrage [Cales] | Glazing [support wedge]

Recomendación para el posicionamiento de los calzos:
Recomendação para o posicionamento dos calços:
Conseils pour l'emplacement des cales:
Recommendation for the support wedge position:

C1: Calzo de apoyo | C1: Calço de apoio | Cale d'appui | C1: Support wedge

C2: Calzo perimetral o de colocación | C2: Calço de posicionamento| Cale périmetral on d'emplacement | C2: Perimeter or for placement support wedge

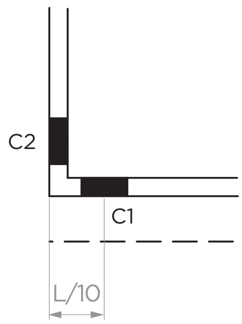
C3: Calzo de seguridad | C3: Calço de segurança | Cale de sécurité | C3: Security support wedge



HOJA FIJA
Folha fixa
Vantail fixed
Fixed sash

HOJAS DESLIZANTES
Folhas de correr
Vantaux coulissants
Sliding sashes

HOJAS ELEVABLES
Folhas eleváveis
Vantaux à levage
Lift and slide sashes



La distancia entre los calzos y el borde del vidrio será de aproximadamente L/10 (L = Longitud del vidrio).

A distância entre os calços e a borda do vidro seráaproximadamente L / 10 (L = comprimento de vidro).

La distance entre les cales du vitrage et le bord du vitrage sera d'environ L/10 (L = longueur du vitrage).

Distance between glass support wedge and the glass edge will be L/10 approximately (L= glass length).

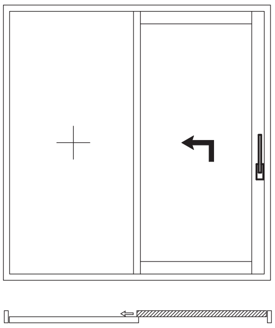
STRUGAL

STRUGAL **S88RP**

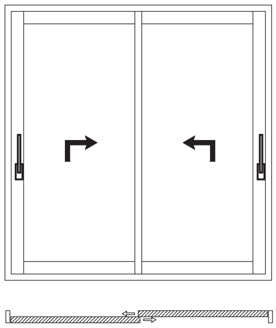
ESQUEMAS ELEVABLES

Esquemas Eleváveis
Schemas Élevables
Lift and slide Diagrams

ESQUEMAS ELEVABLES | Esquemas eleváveis | Schemas élevables | Lift and slide diagrams



1



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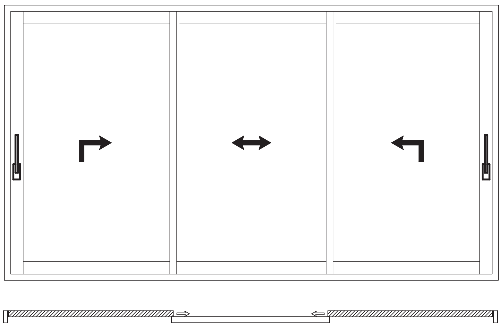

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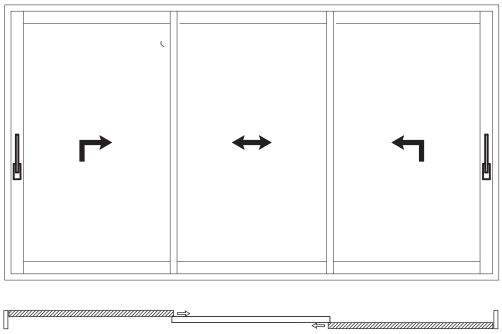

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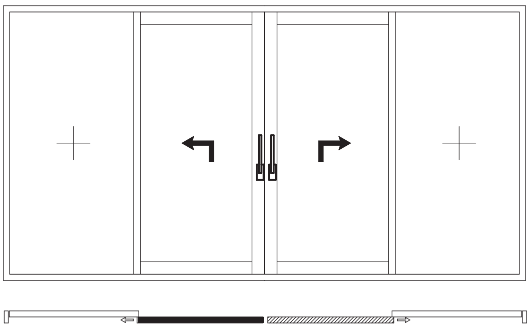

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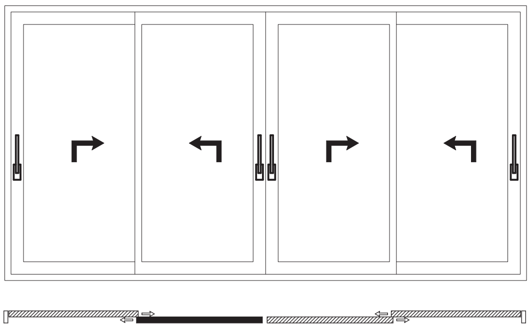
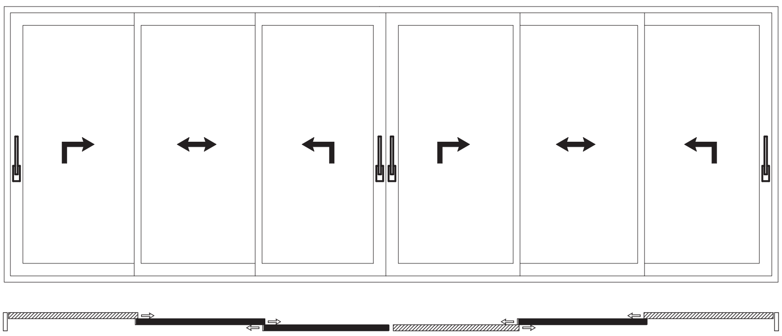


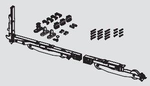
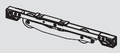
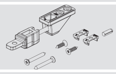
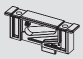
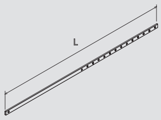
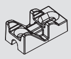
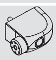
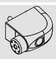
6



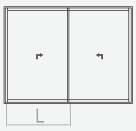
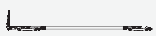
7

ESQUEMAS ELEVABLES | Esquemas eleváveis | Schemas élevables | Lift and slide diagrams

Selección de modelos hoja elevable [hoja elevable] | Seleção de modelos de folha elevável [Folha deslizante]
Sélection de modèles vantail à levage [Vantail coulissant] | Selection of models Lift and slide sash [Sliding sash]

			ESQUEMA Esquema | Schéma | Diagram						
			1	2	3	4	5	6	7
EL238506 (1)			1	2	2	2	2	4	4
			1	2	2	2	2	4	4
EL233503 (2)					2	2			4
EL233503 (3)			2	4	6	6	4	8	12
EL237009 (2)					2	2			4
EL233504			2				4		
EL233010		2760 mm	1	2	2	2	2	4	4
EL233011		1760 mm							
EL233012		1260 mm							
EL233013		756 mm							
EL234501		1800-2100 mm	1	2	2	2	2	4	4
EL234502		2101-2400 mm							
EL234503		2401-2700 mm							
EL234322							1	1	1
EL234025		Blanco	1	1	2	2	2	2	4
EL234026		Negro							

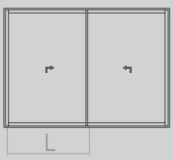
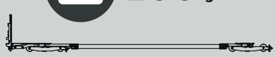
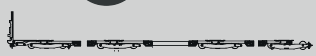
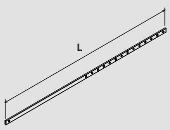
(1)

EL237101				L > 2300 mm	+3 / Por hoja | Por folha Par vantail Per sash
				L > 2800 mm	

(2) Hoja deslizante | Folha deslizante | Vantail coulissant | Sliding sash
(3) ⚠ > 200 kg/ Por hoja | Por folha | Par vantail | Per sash

Selección de pletinas de conexión y frentes de falleba | Seleção de placas de ligação e frentes de ferrolho | Sélection de plaques de raccordement et de faces d'espagnolette | Selection of flat connection bolts and espagnolette frontpieces

SELECCIÓN DE PLETINA DE CONEXIÓN ENTRE CARROS
Seleção de placa de ligação entre carris | Sélection de plaque de raccordement entre chariots
Selection of flat connection bolt between carriages

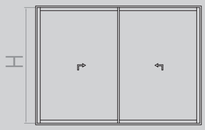
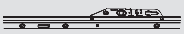
		 L	MAX 200kg 				MAX 300kg 			
		L [mm]	800-1300	1301-1800	1801-2300	2301-3300	1050-1800	1801-2300	2301-2800	2801-3800
 L	EL233013	**756 mm**	1				1			
	EL233012	**1260 mm**		1				1		
	EL233011	**1760 mm**			1				1	
	EL233010	**2760 mm**				1				1
	EL237101	**Calzo pletina** Calço de placa Cale plaque Flat bar chock	1	2	3	6	1	2	3	6

Peso máximo / hoja | Peso máximo / folha
Poids maximal / vantail | Maximum weight / sash

Utilizar marcos reforzados
Utilizar aros reforçados
Utiliser dormants renforcés
Use reinforced frames

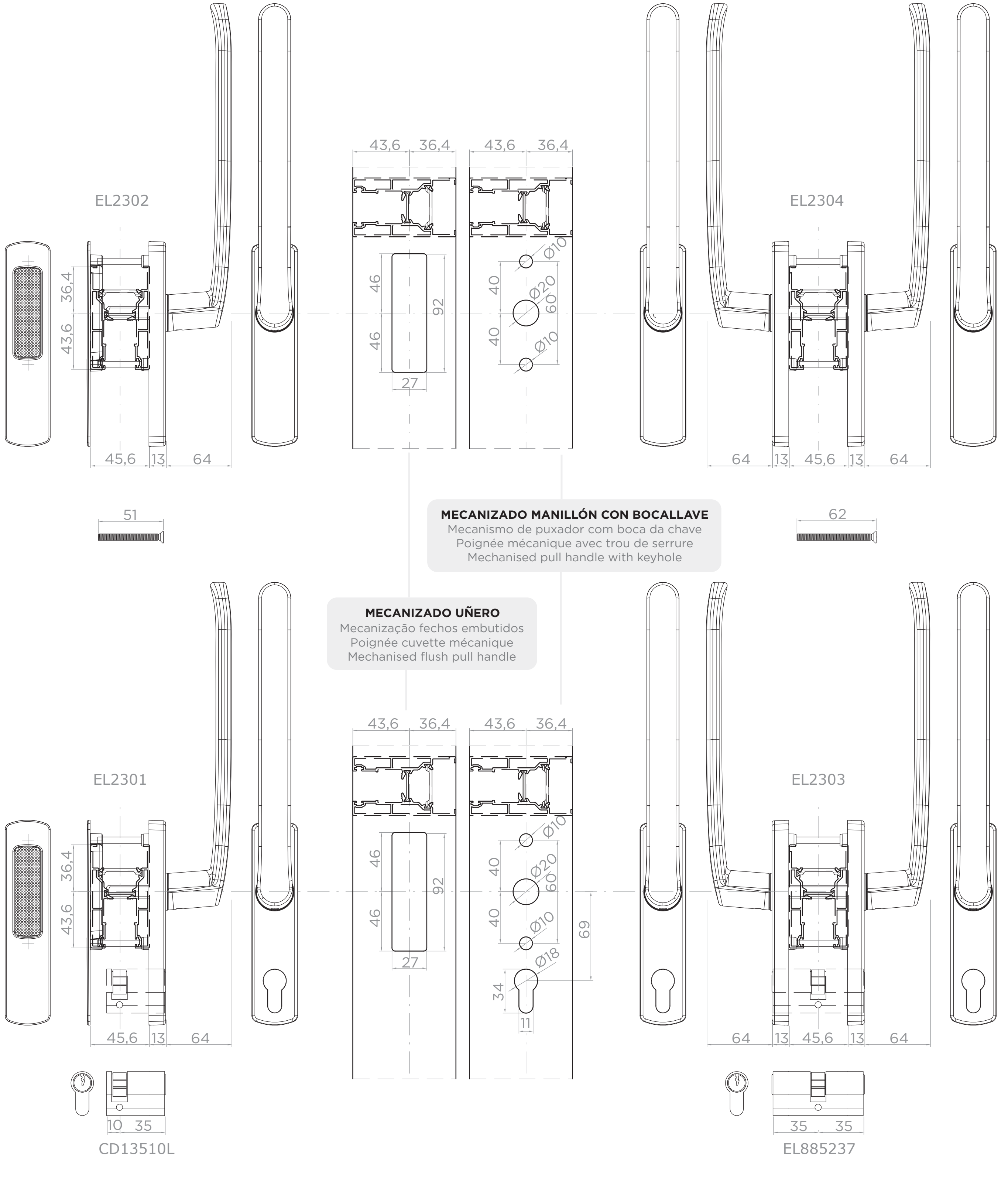
ESQUEMAS ELEVABLES | Esquemas eleváveis | Schemas élevables | Lift and slide diagrams

Selección de pletinas de conexión y frentes de falleba | Seleção de placas de ligação e frentes de ferrolho | Sélection de plaques de raccordement et de faces d'espagnolette | Selection of flat connection bolts and espagnolette frontpieces

		SELECCIÓN DE FRENTE FALLEBA Seleção de frente de ferrolho | Sélection de plaque espagnolette | Selection of espagnolette frontpiece					
			**3-4 Puntos de cierre** 3-4 Pontos de fecho 3-4 Points de fermeture 3-4 Locking points				**4-5 Pt. de cierre** 4-5 Pt. de fecho 4-5 Pt. de fermeture 4-5 Locking pt.
		H [mm]	1800-2200	2201-2500	2501-2800	2801-3300	2801-3300
	EL234501	**Frente falleba 2100 mm** Frente de ferrolho 2100 mm Face espagnolette 2100 mm Front operating rod 2100 mm	1x				
	EL234502	**Frente falleba 2400 mm** Frente de ferrolho 2400 mm Face espagnolette 2400 mm Front operating rod 2400 mm		1x			
	EL234503	**Frente falleba 2700 mm** Frente de ferrolho 2700 mm Face espagnolette 2700 mm Front operating rod 2700 mm			1x	1x	1x
	EL234010	**Prolongador 500 mm sin pt. cierre** Frente de ferrolho 500 mm sem ponto de fecho Face espagnolette 500 mm sans point de fermeture Front operating rod 500 mm without closure point				1x	
	EL234011	**Prolongador 500 mm con pt. cierre** Frente de ferrolho 500 mm com ponto de fecho Face espagnolette 500 mm avec point de fermeture Front operating rod 500 mm with closure point				1x	1x

ESQUEMAS ELEVABLES | Esquemas eleváveis | Schemas élevables | Lift and slide diagrams

Selección de modelos manillones y uñeros | Seleção de modelos de puxadores e fechos embutidos | Sélection de modèles de poignées et poignées cuvette | Selection of pull handles and flush pull handle models

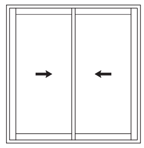


STRUGAL **S88RP**

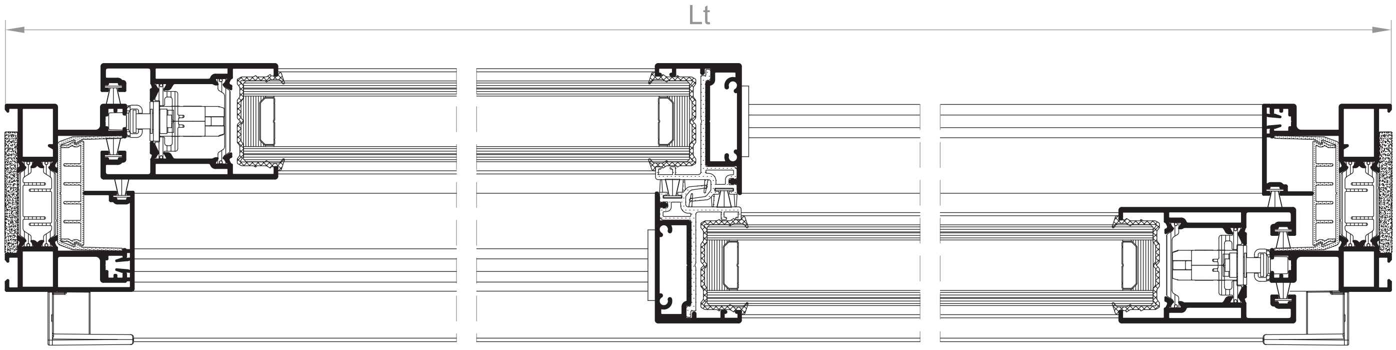
FÓRMULAS DE CORTE

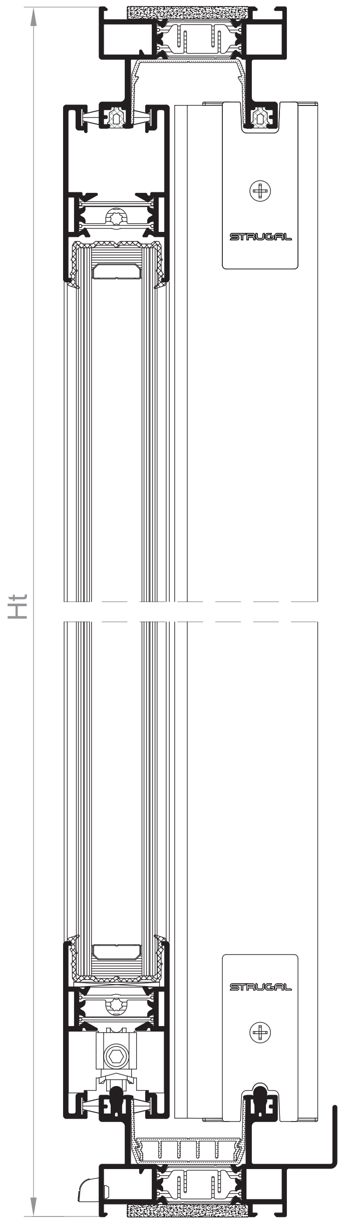
Fórmulas de corte
Formules de découpage
Cutting formulas

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera dos hojas marco bicarril [Hoja deslizante] | Caixilharia de duas folhas e aro de carril duplo [Folha deslizante] | Coulissante deux vantaux dormant deux rails [Vantail coulissant] | Sliding two sashes double-rail frame [Sliding sash]





PERFILES				
1x	9200*		Lt	45º
2x	9200*		Ht	45º
1x	9201*		Lt	45º
2x	EX88M		Lt-41	45º
2x	EX88M		Ht-41	45º
2x	EX88CM		(Lt-78)/2	90º
2x	EX88CM		Ht-53	90º
4x	9202*		(Lt-182)/2	90º
2x	9203*		Ht-78	90º
2x	7151		Ht-78	90º
2x	EX88C		Ht-78	90º
2x	7322(1)		Lt-96	90º
1x	7320*		Ht-42	90º
1x	7321		Ht-54.5	90º

VIDRIO	
2x	(Lt-196)/2 x Ht-191

ACCESORIOS		
8x	ES4450	
1x	TPRC88	
1x	JUP88	
4x	TP88	
2x	TP88C	
1x	TPT2020	
1x	JU88HD	
2x	DF4	
4Lt+6Ht 4Lt+8Ht(2)	FP78TF	
2Lt+4Ht+ 2Lt(2)	JU88T	
2Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps.

(2) Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

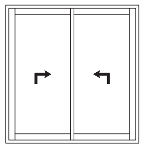
Avec bouchons embellisantes facultatives

With optional embellisher cover caps

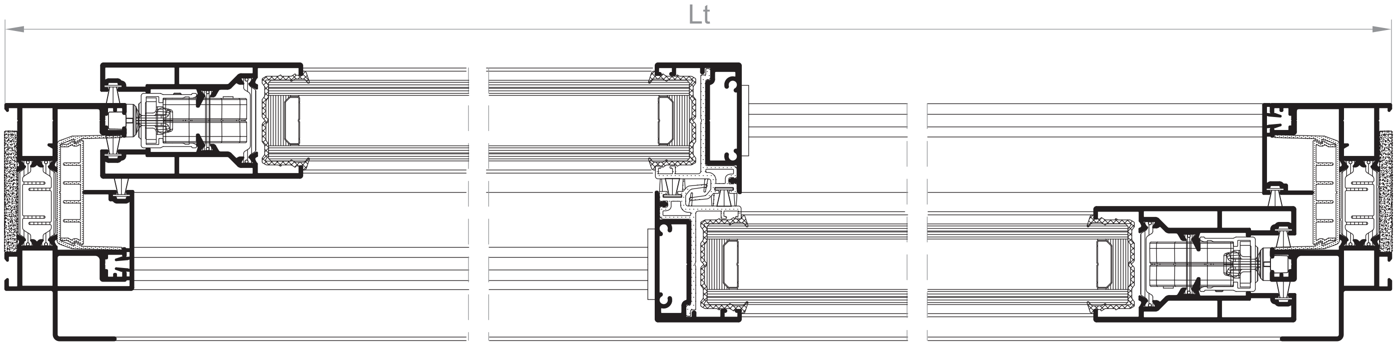
– – – OPCIONAL

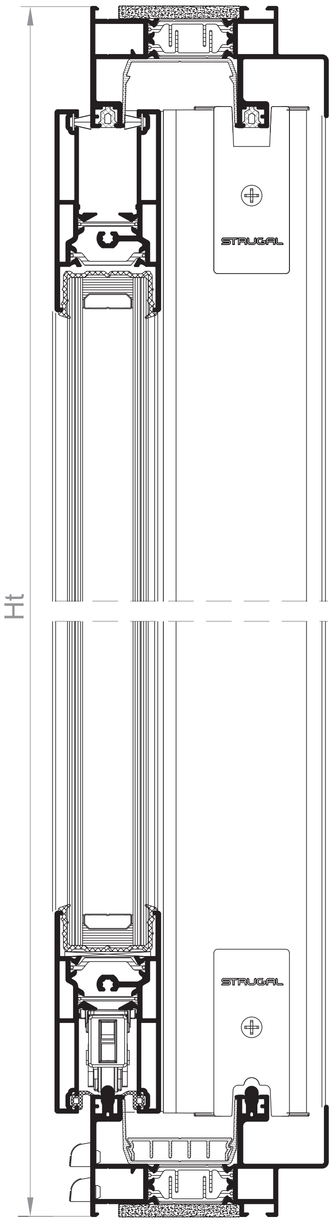
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elevadora dos hojas marco bicarril [Hoja elevable] | Caixilharia elevatória de duas folhas e aro de carril duplo [Folha elevável] | Coulissante levante deux vantaux dormant deux rails [Vantail à levage]
Lift and slide sliding two sashes double-rail frame [Lift and slide sash]





PERFILES				
2x	9207*(1)		Lt	45º
2x	9207(*1)		Ht	45º
2x	EX88M		Lt-41	45º
2x	EX88M		Ht-41	45º
1x	EX88CM		(Lt-78)/2	90º
2x	EX88CM		Ht-53	90º
4x	9204*		(Lt-202)/2	90º
2x	9205*		Ht-82	90º
2x	7151		Ht-82	90º
2x	EX88C		Ht-82	90º
2x	7322(2)		Lt-96	90º
1x	7320*		Ht-42	90º
1x	7321		Ht-54.5	90º

VIDRIO	
2x	(Lt-216)/2 x Ht-215

ACCESORIOS		
8x	ES4450	
1x	JUP88EL	
4x	ELTP88	
2x	TP88C	
1x	TPT2020	
1x	JU88HE	
4x	TPT88	
5x	DF4	
2Lt+6Ht 2Lt+8Ht(3)	FP78TF	
2Lt+4Ht+ 2Lt (3)	JU88T	
2Lt	JU88E	
2Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

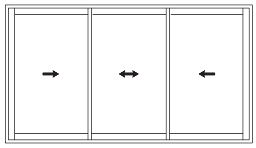
(1) >200kg - pág 23

(2) Con tapas embellecedoras opcionales Lt-102
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisantes facultatives Lt-102
With optional Lt-102 embellisher cover caps

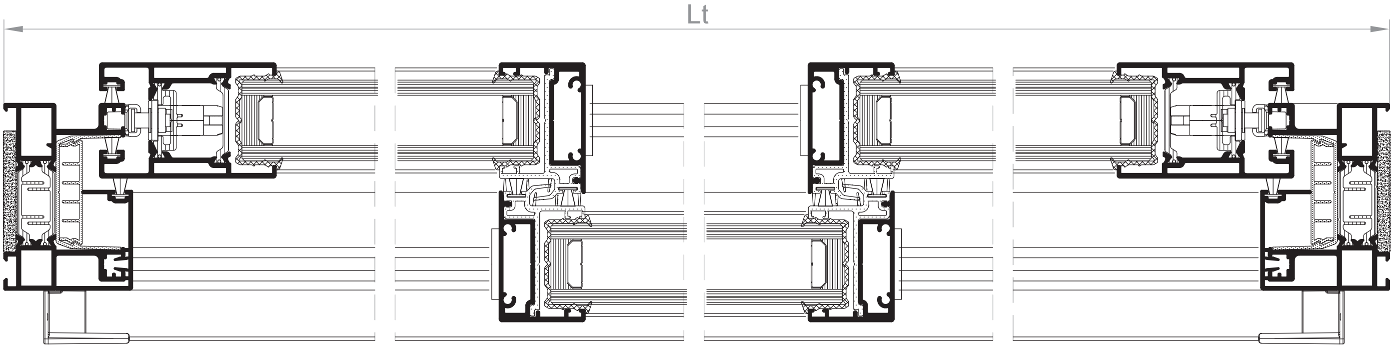
(3) Con tapas embellecedoras opcionales
Com tampas de acabamento opcionais
Avec bouchons embellisantes facultatives
With optional embellisher cover caps

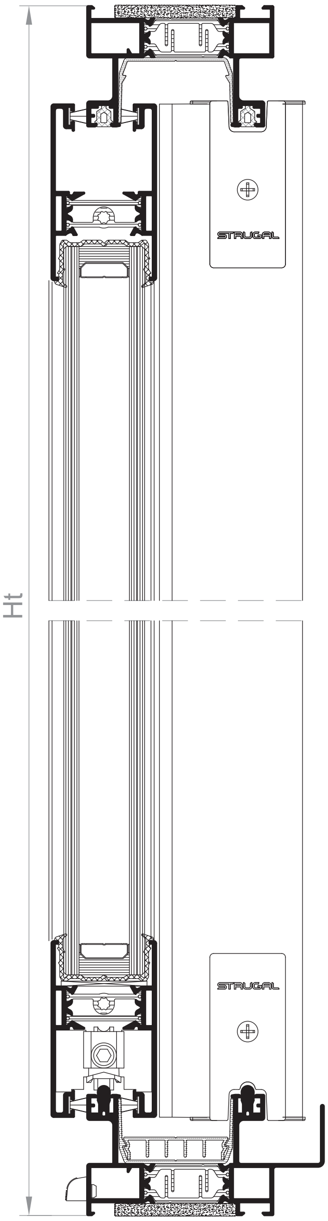
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera tres hojas marco bicarril [Hoja deslizante] | Caixilharia de três folhas e aro de carril duplo [Folha deslizante] | Coulissante trois vantaux dormant deux rails [Vantail coulissant] Sliding three sashes double-rail [Sliding sash]





PERFILES

1x	9200*		Lt	45°
2x	9200*		Ht	45°
1x	9201*		Lt	45°
2x	EX88M		Lt-41	45°
2x	EX88M		Ht-41	45°
2x	EX88CM		(Lt-26)/3	90°
1x	EX88CM		(Lt-284)/3	90°
2x	EX88CM		Ht-53	90°
6x	9202*		(Lt-182)/3	90°
2x	9203*		Ht-78	90°
4x	7151		Ht-78	90°
4x	EX88C		Ht-78	90°
2x	7322(1)		Lt-96	90°
2x	7320*		Ht-42	90°

VIDRIO

3x	(Lt-203)/3 x Ht-191

ACCESORIOS

8x	ES4450	
1x	TPRC88	
2x	JUP88	
4x	TP88	
4x	TP88C	
2x	TPT2020	
2x	JU88HD	
2x	DF4	
4Lt+8Ht 4Lt+10Ht(2)	FP78TF	
2Lt+4Ht+2Lt (2)	JU88T	
2Lt+6Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisants facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

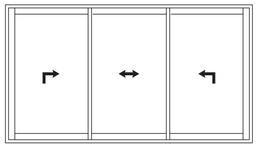
Avec bouchons embellisants facultatives

With optional embellisher cover caps

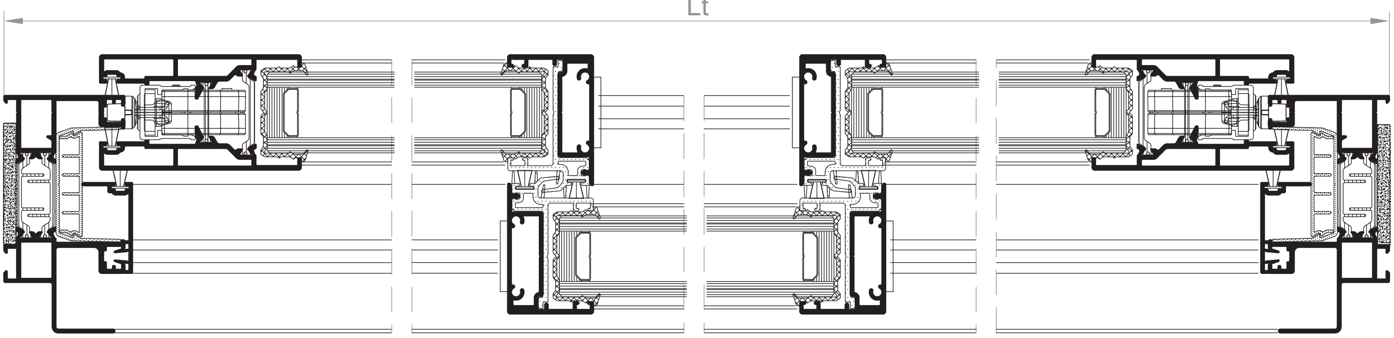
– – – OPCIONAL

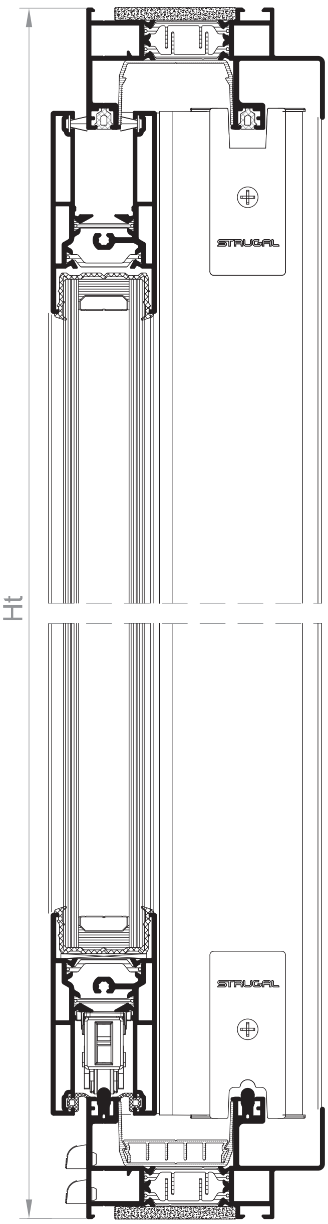
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera tres hojas dos elevadoras marco bicarril [Hoja elevable] | Caixilharia de três folhas, duas elevatórias e aro de carril duplo [Folha elevável] | Coulissante trois vantaux deux levants dormant deux rails [Vantail à levage] | Sliding three sashes, two Lift and slide, double-rail frame [Lift and slide sash]





PERFILES				
2x	9207*[(1)]		Lt	45º
2x	9207*[(1)]		Ht	45º
2x	EX88M		Lt-41	45º
2x	EX88M		Ht-41	45º
2x	EX88CM		(Lt-26)/3	90º
1x	EX88CM		(Lt-284)/3	90º
2x	EX88CM		Ht-53	90º
6x	9204*		(Lt-202)/3	90º
2x	R6990		Ht-82	90º
4x	7151		Ht-78	90º
4x	EX88C		Ht-78	90º
2x	7322[(2)]		Lt-96	90º
2x	7321*		Ht-54.5	90º

VIDRIO	
3x	(Lt-223)/3 x Ht-215

ACCESORIOS		
8x	ES4450	
2x	JUP88EL	
V	ELTP88	
4x	TP88C	
2x	TPT2020	
2x	JU88HE	
4x	TPT88	
5x	DF4	
2Lt+8Ht 2Lt+10Ht[(3)]	FP78TF	
2Lt+4Ht+2Lt[(3)]	JU88T	
2Lt	JU88E	
2Lt+6Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

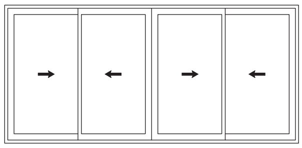
(1) >200kg - pág 23

(2) Con tapas embellecedoras opcionales Lt-102
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisants facultatives Lt-102
With optional Lt-102 embellisher cover caps

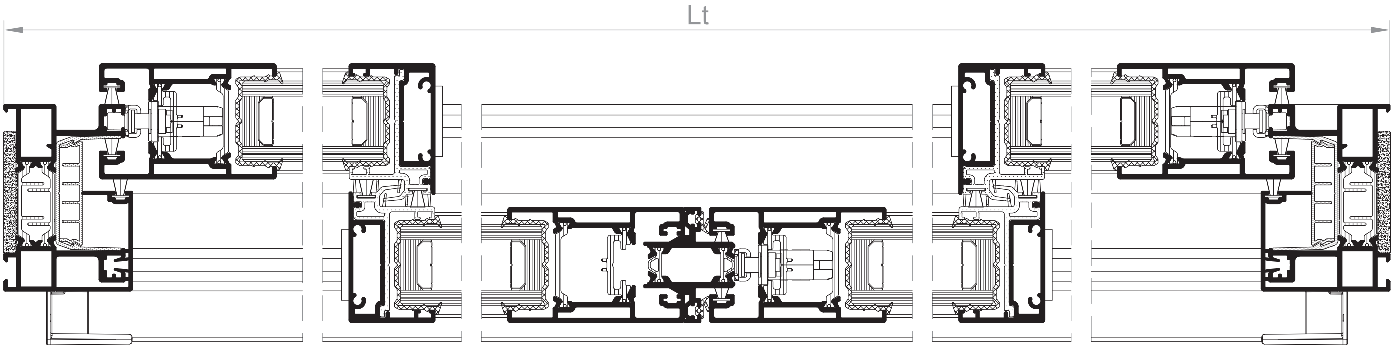
(3) Con tapas embellecedoras opcionales
Com tampas de acabamento opcionais
Avec bouchons embellisants facultatives
With optional embellisher cover caps

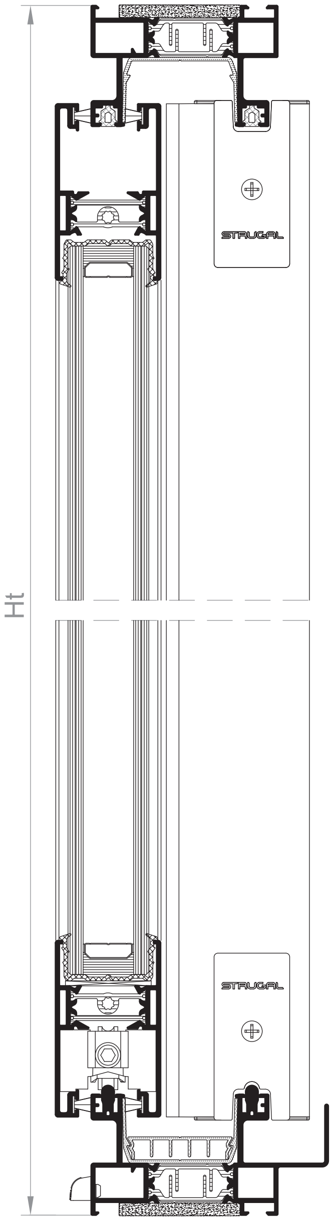
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera cuatro hojas marco bicarril [Hoja deslizante] | Caixilharia de quatro folhas e aro de carril duplo [Folha deslizante] | Coulissante quatre vantaux dormant deux rails [Vantail coulissant] | Sliding four sashes double-rail frame [Sliding sash]





PERFILES				
1x	9200*		Lt	45º
2x	9200*		Ht	45º
1x	R6995		Lt	45º
2x	EX88M		Lt-41	45º
2x	EX88M		Ht-41	45º
2x	EX88CM		(Lt-90)/4	90º
1x	EX88CM		(Lt-134)/2	90º
2x	EX88CM		Ht-53	90º
8x	R6992		(Lt-298)/4	90º
4x	R6994		Ht-78	90º
4x	7151		Ht-78	90º
4x	EX88C		Ht-78	90º
2x	7322(1)		Lt-96	90º
1x	9208*		Ht-132	90º
2x	7320*		Ht-42	90º

VIDRIO	
4x	(Lt-326)/4 x Ht-191

ACCESORIOS		
8x	ES4450	
1x	TPRC88	
2x	JUP88	
8x	TP88	
4x	TP88C	
2x	TP34H88	
2x	TPT2020	
2x	JU88HD	
3x	DF4	
4Lt+8Ht 4Lt+10Ht(2)	FP78TF	
2Ht	FP75TF	
2Lt+4Ht+ 2Lt(2)	JU88T	
2Ht	GO401	
2Lt+8Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

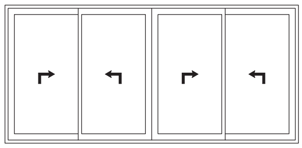
Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

With optional embellisher cover caps

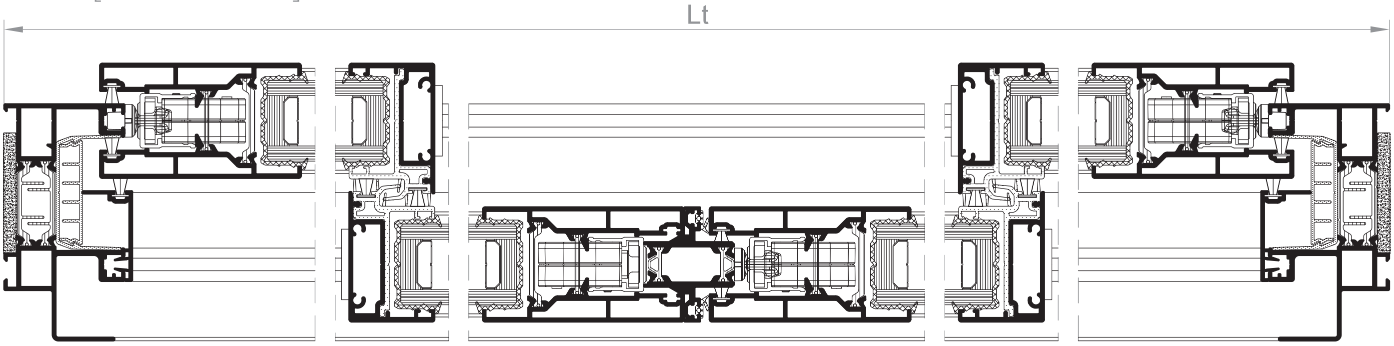
– – – OPCIONAL Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas

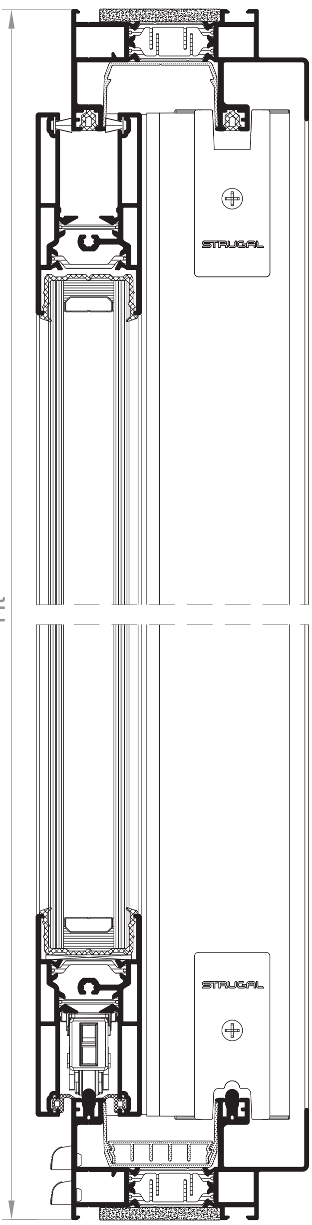


Corredera elevadora cuatro hojas marco bicarril [Hoja elevable] | Caixilharia elevatória de quatro folhas e aro de carril duplo [Folha elevável] | Coulissante levante quatre vantaux dormant deux rails [Vantail à levage] | Lift and slide Sliding two sashes double-rail frame [Lift and slide sash]

Lt



Ht



PERFILES				
2x	9207* [1]		Lt	45°
1x	9207* [1]		Ht	45°
2x	EX88M		Lt-41	45°
2x	EX88M		Ht-41	45°
1x	EX88CM		(Lt-90)/4	90°
1x	EX88CM		(Lt-134)/2	90°
2x	EX88CM		Ht-53	90°
8x	R6994		(Lt-338)/4	90°
2x	R6993		Ht-82	90°
4x	7151		Ht-82	90°
4x	EX88C		Ht-82	90°
2x	7322[2]		Lt-96	90°
1x	9208		Ht-136	90°
2x	7321		Ht-54.5	90°

VIDRIO	
4x	(Lt-366)/4 x Ht-215

ACCESORIOS		
8x	ES4450	
2x	JUP88EL	
8x	ELTP88	
4x	TP88C	
2x	TP34H88	
2x	TPT2020	
2x	JU88HE	
5x	DF4	
2Lt+8Ht 2Lt+10Ht[3]	FP78TF	
2Ht	FP75TF	
2Lt+4Ht+ 2Lt[3]	JU88T	
2Lt	JU88E	
2Ht	GO401	
2Lt+8Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

[1] >200kg - pág 23

[2] Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

[3] Con tapas embellecedoras opcionales

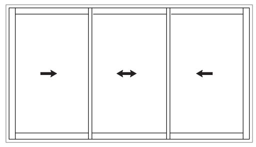
Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

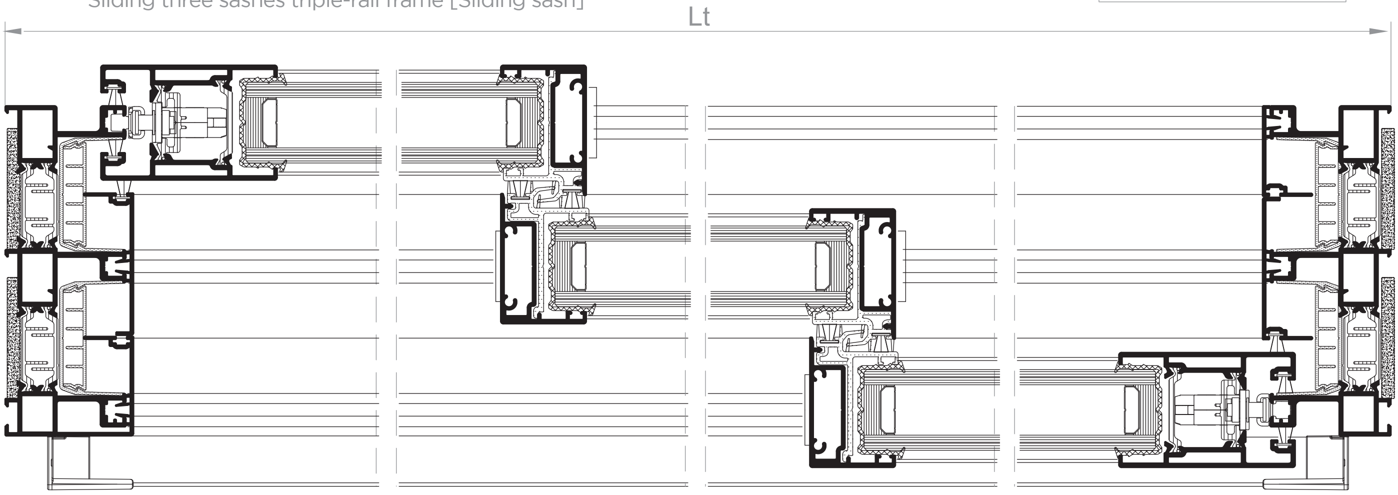
With optional embellisher cover caps

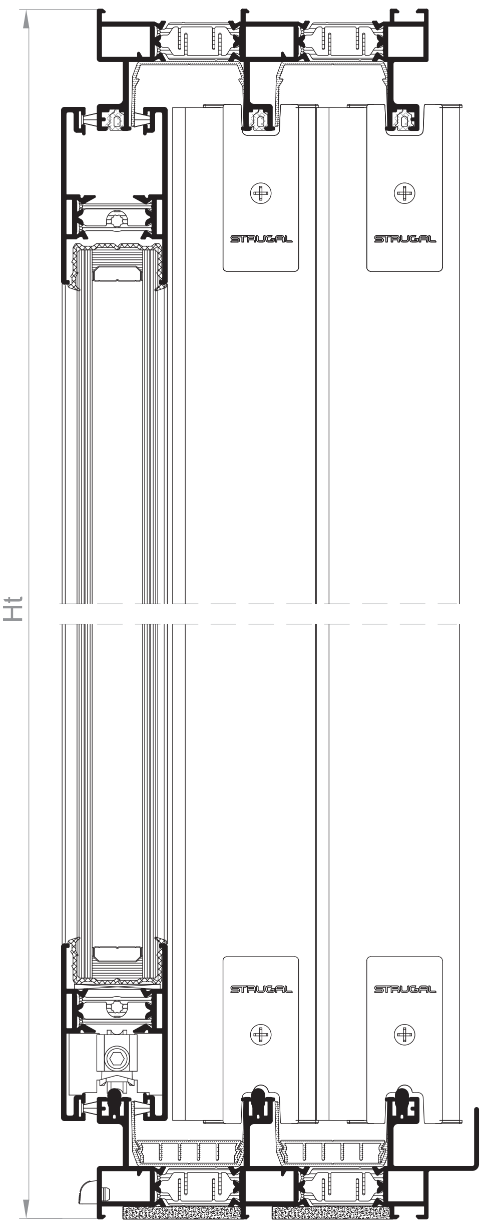
– – – OPCIONAL Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera tres hojas marco tricarril [Hoja deslizante] | Caixilharia de três folhas e aro de carril triplo [Folha deslizante] | Coulissante trois vantaux dormant à trois rails [Vantail coulissant] Sliding three sashes triple-rail frame [Sliding sash]





PERFILES				
1x	9430*		Lt	45°
2x	9430*		Ht	45°
1x	9431*		Lt	45°
4x	EX88M		Lt-41	45°
4x	EX88M		Ht-41	45°
2x	EX88CM		(Lt-26)/3	90°
2x	EX88CM		[(Lt-104)/3]*2	90°
4x	EX88CM		Ht-53	90°
6x	R6993		(Lt-182)/3	90°
2x	R6994		Ht-78	90°
4x	7151		Ht-78	90°
4x	EX88C		Ht-78	90°
3x	7322 (1)		Lt-96	90°
1x	7320*		Ht-42	90°
1x	7321		Ht-54.5	90°
2x	7347*		Ht-54.5	90°

VIDRIO	
3x	(Lt-203)/3 x Ht-191

ACCESORIOS		
12x	ES4450	
1x	TPRC88	
2x	JUP88	
4x	TP88	
4x	TP88C	
2x	TPT2020	
2x	JU88HD	
3x	DF4	
6Lt+8Ht 6Lt+10Ht (2)	FP78TF	
3Lt+6Ht+3Lt (2)	JU88T	
2Lt+6Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellissantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

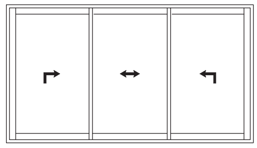
Com tampas de acabamento opcionais

Avec bouchons embellissantes facultatives

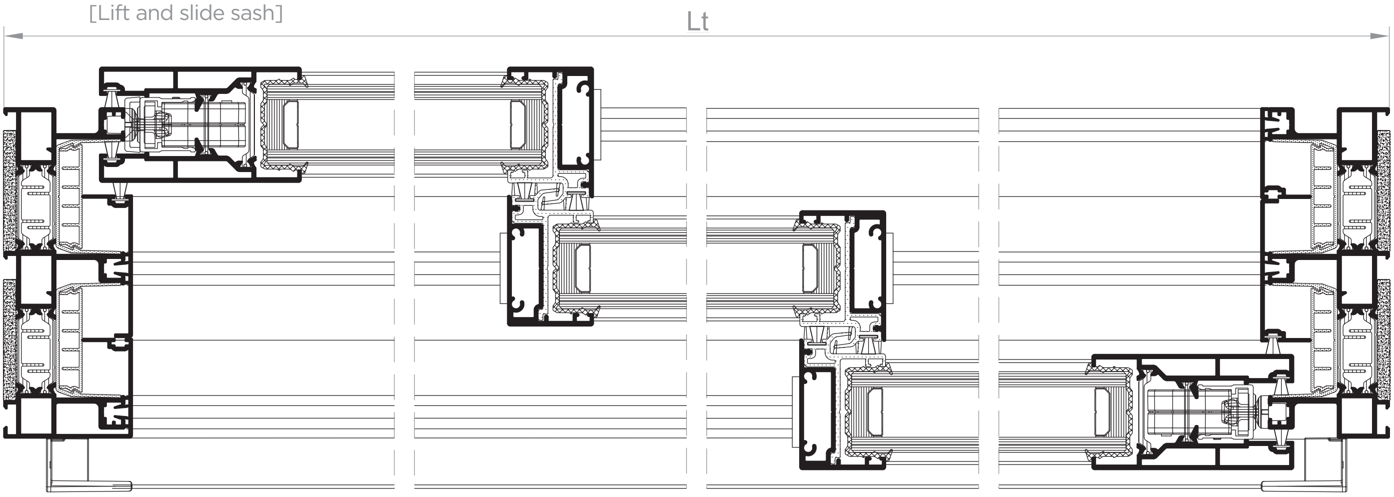
With optional embellisher cover caps

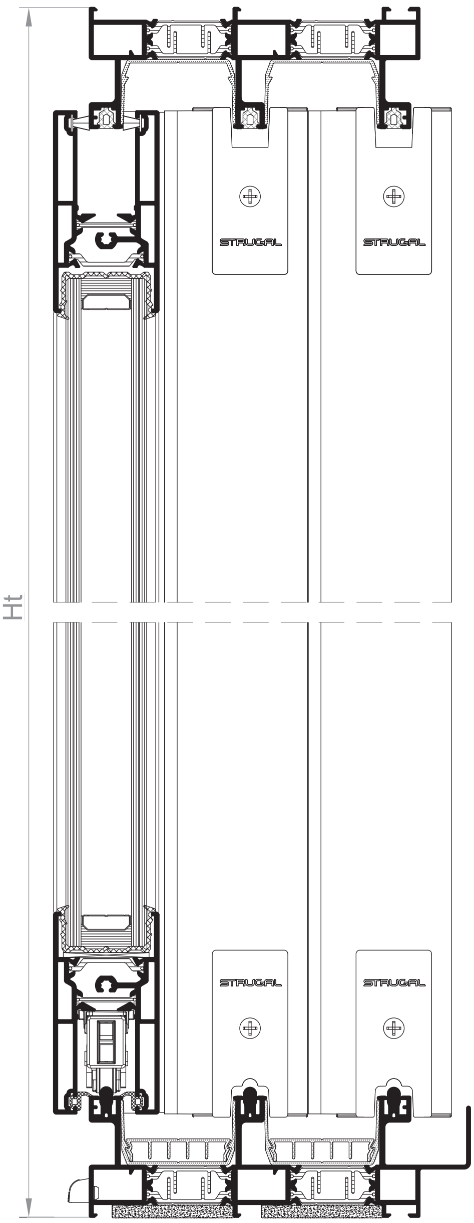
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera tres hojas dos elevadoras marco tricarril [Hoja elevable] | Caixilharia de três folhas, duas elevatórias de carril triplo [Folha elevável] | Coulissante trois vantaux deux levants dormant trois rails [Vantail à levage] | Sliding three sashes, two Lift and slide, triple-rail frame [Lift and slide sash]





PERFILES				
1x	9430*		Lt	45°
2x	9430*		Ht	45°
1x	9431*		Lt	45°
4x	EX88M		Lt-41	45°
4x	EX88M		Ht-41	45°
2x	EX88CM		(Lt-26)/3	90°
2x	EX88CM		[(Lt-104)/3]*2	90°
4x	EX88CM		Ht-53	90°
6x	R6990		(Lt-202)/3	90°
2x	R6991		Ht-82	90°
4x	7151		Ht-82	90°
4x	EX88C		Ht-82	90°
3x	7322(1)		Lt-96	90°
1x	7320		Ht-42	90°
1x	7321		Ht-54.5	90°
2x	7347*		Ht-54.5	90°

VIDRIO	
3x	(Lt-223)/3 x Ht-215

ACCESORIOS		
12x	ES4450	
1x	TPRC88	
2x	JUP88EL	
4x	ELTP88	
4x	TP88C	
2x	TPT2020	
2x	JU88HE	
3x	DF4	
3Lt+8Ht 3Lt+10Ht(2)	FP78TF	
3Lt+6Ht+3Lt (2)	JU88T	
3Lt	JU88E	
2Lt+6Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

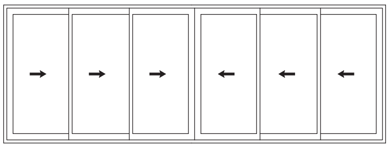
With optional embellisher cover caps

– – – OPCIONAL

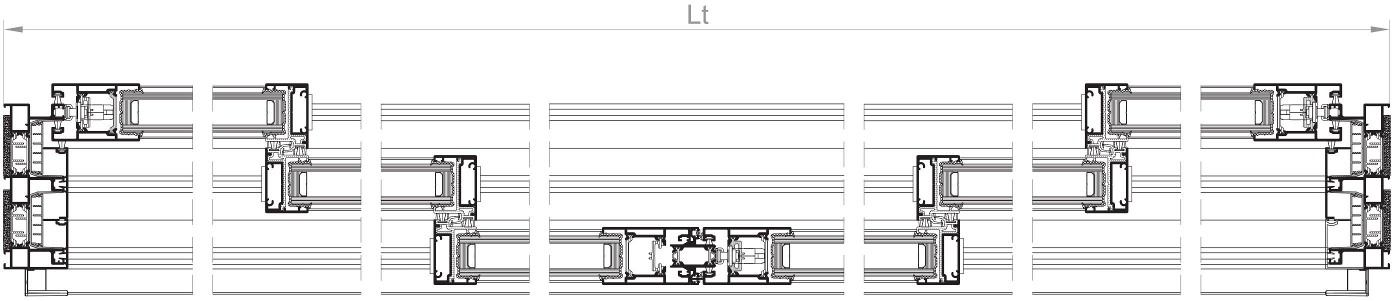
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas

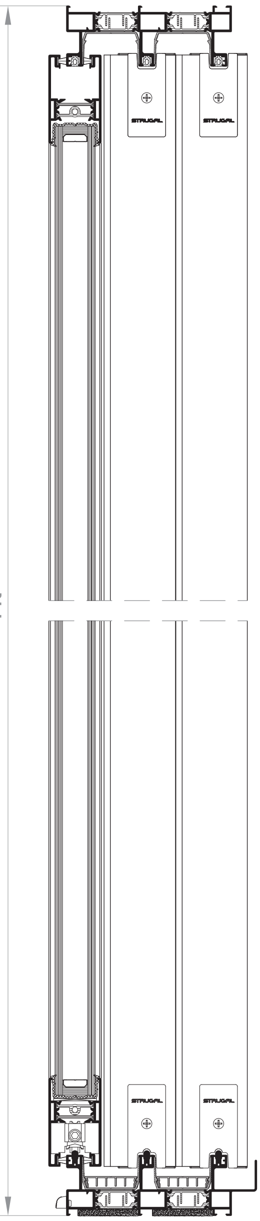
Corredera seis hojas marco tricarril [Hoja deslizante] | Caixilharia de seis folhas e aro de carril triplo [Folha deslizante] | Coulissante six vantaux dormant trois rails [Vantail coulissant] | Sliding six sashes triple-rail frame [Sliding sash]



Lt



Ht



PERFILES				
1x	9430*		Lt	45º
2x	9430*		Ht	45º
1x	9431*		Lt	45º
4x	EX88M		Lt-41	45º
4x	EX88M		Ht-41	45º
2x	EX88CM		[(Lt-340)/6] +59	90º
2x	EX88CM		(Lt-142)/3	90º
1x	EX88CM		[(Lt-142)/3] +30	90º
1x	EX88CM		[(Lt-176)/6] *4	90º
4x	EX88CM		Ht-53	90º
12x	R6993		(Lt-298)/6	90º
4x	R6994		Ht-78	90º
8x	715		Ht-78	90º
8x	EX88C		Ht-78	90º
3x	7322[(1)]		Lt-96	90º
1x	9208*		Ht-132	90º
1x	7320*		Ht-42	90º
1x	7321		Ht-54.5	90º
2x	7347*		Ht-54.5	90º

VIDRIO	
6x	(Lt-340)/6 x Ht-191

ACCESORIOS		
12x	ES4450	
1x	TPRC88	
4x	JUP88	
8x	TP88	
8x	TP88C	
2x	TP34H88	
4x	TPT2020	
3x	JU88HD	
4x	DF4	
6Lt+12Ht 6Lt+14Ht [(2)]	FP78TF	
2Ht	FP75TF	
3Lt+6Ht 3Lt [(2)]	JU88T	
2Ht	GO401	
2Lt+12Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

[(1)] Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

[(2)] Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

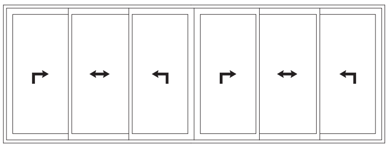
Avec bouchons embellisantes facultatives

With optional embellisher cover caps

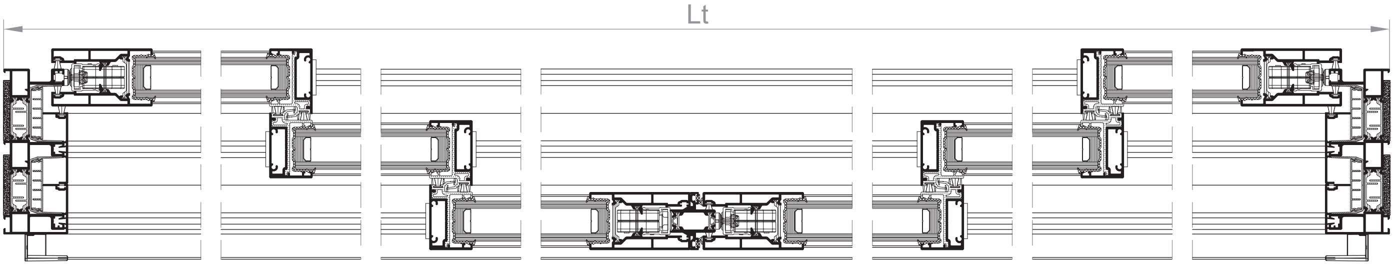
– – – OPCIONAL

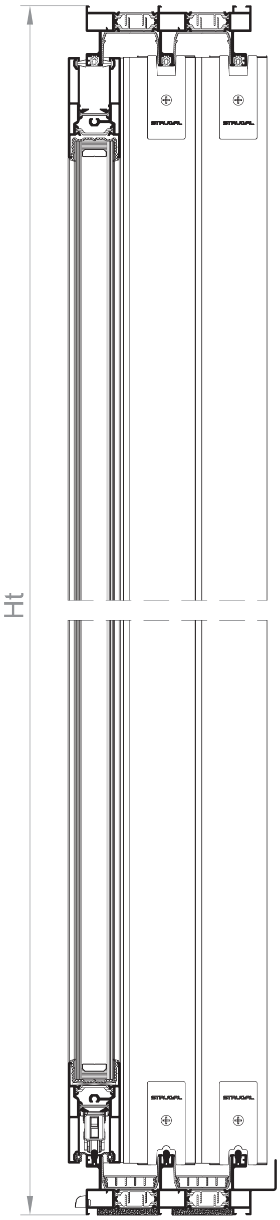
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elevadora seis hojas 4 elevables 2 deslizantes marco tricarril [Hoja elevable]
Caixilharia elevatória de seis folhas, 5 eleváveis e 2 deslizantes, aro triplo [Folha elevável]
Coulissante levante six vantaux 4 levants 2 coulissants dormant trois rails [Vantail à levage]
Lift and slide Sliding six sashes, 4 Lift and slide, 2 sliding, triple-rail frame [Lift and slide sash]





PERFILES			
1x	9430*	Lt	45º
2x	9430*	Ht	45º
1x	9431*	Lt	45º
4x	EX88M	Lt-41	45º
4x	EX88M	Ht-41	45º
2x	EX88CM	[(Lt-340)/6] +59	90º
2x	EX88CM	(Lt-142)/3	90º
1x	EX88CM	[(Lt-142)/3] +30	90º
1x	EX88CM	[(Lt-176)/6] *4	90º
4x	EX88CM	Ht-53	90º
12x	R6990	(Lt-338)/6	90º
4x	R6991	Ht-82	90º
8x	7151	Ht-82	90º
8x	EX88C	Ht-82	90º
3x	7322 (1)	Lt-96	90º
1x	9208*	Ht-136	90º
1x	7320	Ht-42	90º
1x	7321	Ht-54.5	90º
2x	7347*	Ht-54.5	90º

VIDRIO	
6x	(Lt-380)/6 x Ht-215

ACCESORIOS	
12x	ES4450
1x	TPRC88
4x	JUP88EL
8x	ELTP88
8x	TP88C
2x	TP34H88
4x	TPT2020
3x	JU88HE
4x	DF4
3Lt+12Ht 3Lt+14Ht (2)	FP78TF
2Ht	FP75TF
3Lt+6Ht+ 3Lt (2)	JU88T
3Lt	JU88E
2Ht	GO401
2Lt+12Ht	Pág. 160-162
2Lt+2Ht	POL48X5

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisants facultatives Lt-102

With optional Lt-102 embellisher cover caps

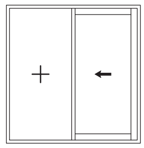
(2) Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

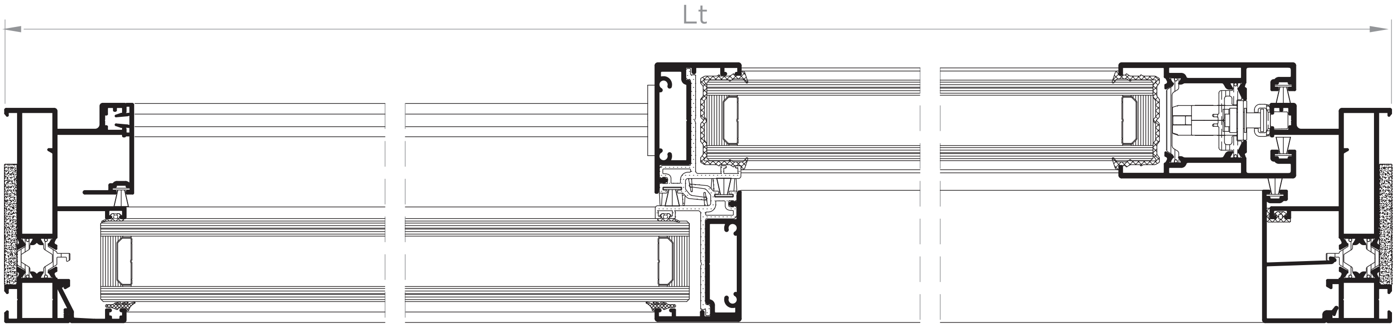
Avec bouchons embellisants facultatives

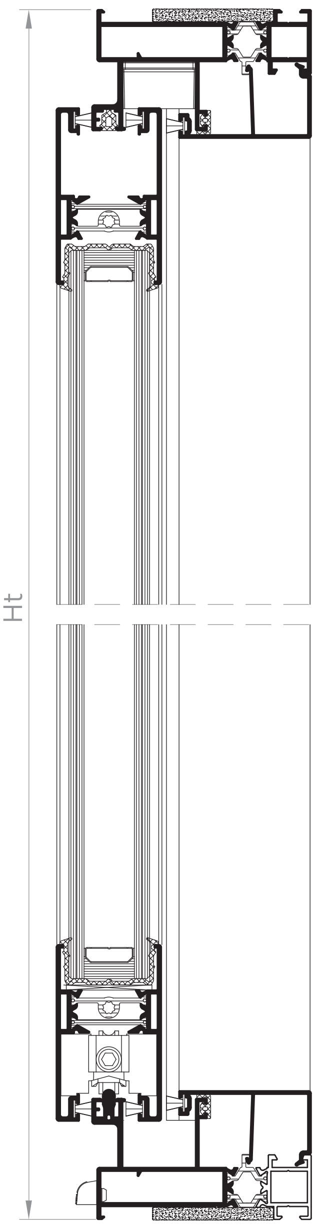
With optional embellisher cover caps

– – – OPCIONAL
Opcional | Facultatif | Optional



Corredera 1 hoja monocarril [Hoja deslizante] | Caixilharia de 1 folha de carril simples [Folha deslizante]
Coulissante 1 vantail monorail [Vantail coulissant] | Sliding 1 sash monorail frame [Sliding sash]





PERFILES				
2x	R6996		Lt	45°
2x	R6996		Ht	45°
2x	R6993		(Lt/2)-91	90°
1x	R6994		Ht-78	90°
1x	7151		Ht-78	90°
1x	EX88C		Ht-78	90°
1x	7151		Ht-41.2	90°
1x	EX88C		Ht-41.2	90°
2x	7326		(Lt/2) -42.6	90°
1x	7326		Ht-102	90°
2x	7325		(Lt/2) -42.6	90°
1x	7325		Ht-96	90°
1x	7322 (1)		Lt-96	90°
1x	7321		Ht-54.5	90°

VIDRIO		
1x	**HOJA** · Folha Ouvrant · Sash	(Lt/2)-98 x Ht-191
1x	**FIJO** · Fixo Fixe · Fixed	(Lt/2)-42 x Ht-76

ACCESORIOS		
8x	ES4450	
1x	JUP88M	
2x	TP88	
1x	TP88C	
1x	TPT2020	
1x	JU88HD	
2x	TY425	
2x	DF4	
3Lt+4Ht / 3Lt+6Ht (2)	FP78TF	
Lt+2Ht+ Lt (2)	JU88T	
Lt+Ht	JU88M	
Lt+2Ht	GO02	
Lt+2Ht	GO402	
Lt+2Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

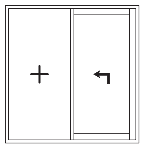
Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

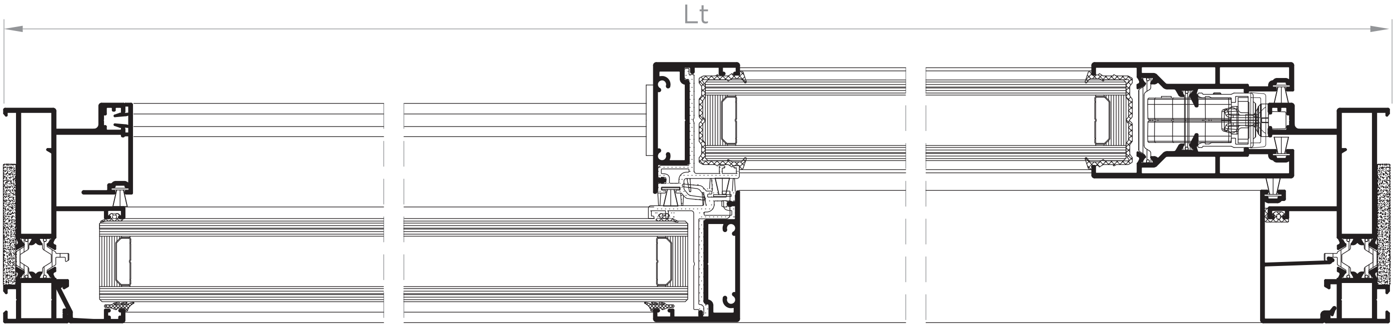
With optional embellisher cover caps

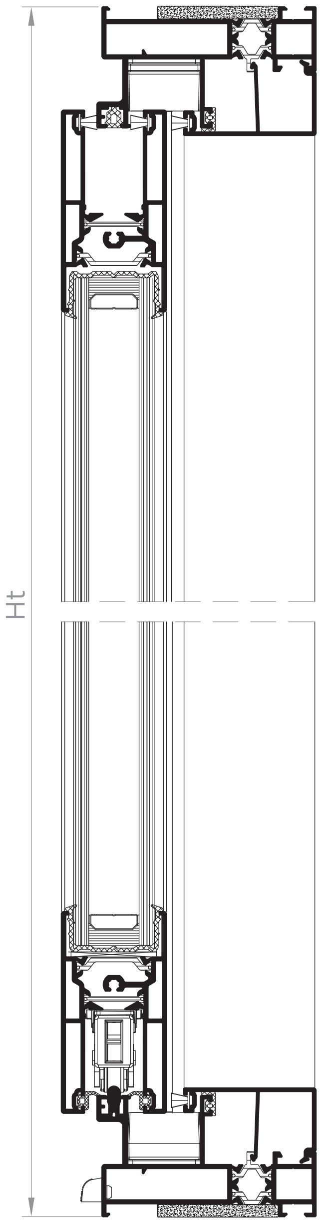
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elvadora 1 hoja monocarril [Hoja elevable] | Caixilharia elevatória de 1 folha carril simples [Folha elevável] | Coulissante à levage 1 ouvrant monorail [ouvrant à levage] | sliding 1 lift and slide sash monorail frame [Lift and slide sash]





PERFILES				
2x	R6996		Lt	45°
2x	R6996		Ht	45°
2x	R6990		(Lt/2)-101	90°
1x	R6991		Ht-82	90°
1x	7151		Ht-82	90°
1x	EX88C		Ht-82	90°
1x	7151		Ht-41.2	90°
1x	EX88C		Ht-41.2	90°
2x	7326		(Lt/2)-42.6	90°
1x	7326		Ht-102	90°
2x	7325		(Lt/2)-42.6	90°
1x	7325		Ht-96	90°
1x	7322 (1)		Lt-96	90°
1x	7321		Ht-54.5	90°

VIDRIO		
1x	**HOJA** · Folha Ouvrant · Sash	(Lt/2)-108 x Ht-215
1x	**FIJO** · Fixo Fixe · Fixed	(Lt/2)-42 x Ht-76

ACCESORIOS		
8x	ES4450	
1x	JUP88M	
2x	ELTP88	
1x	TP88C	
1x	TPT2020	
1x	JU88HE	
2x	TY425	
2x	DF4	
2Lt+4Ht 2Lt+6Ht (2)	FP78TF	
Lt+2Ht+ Lt (2)	JU88T	
Lt	JU88E	
Lt+Ht	JU88M	
Lt+2Ht	GO02	
Lt+2Ht	GO402	
Lt+2Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

Com tampas de acabamento opcionais

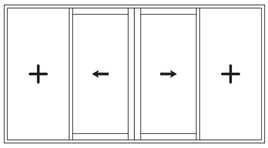
Avec bouchons embellisantes facultatives

With optional embellisher cover caps

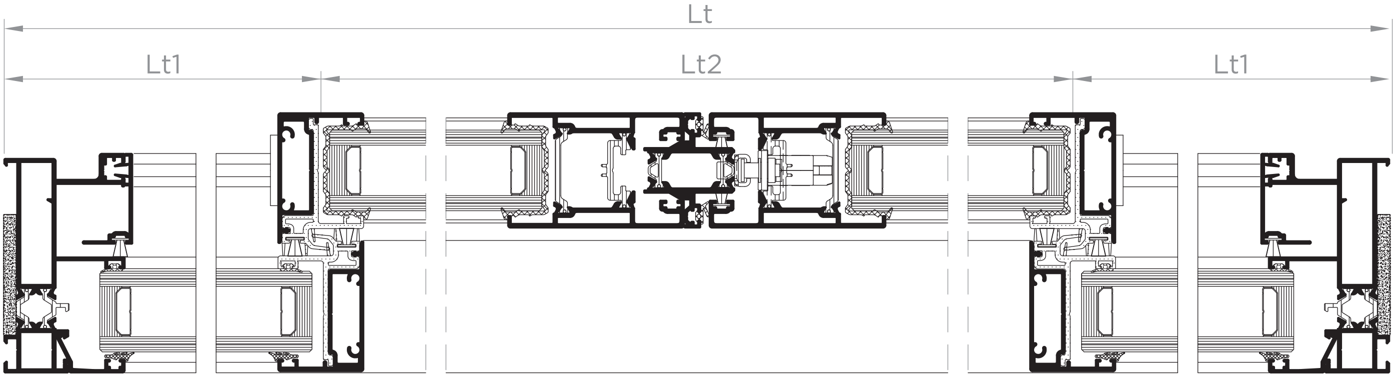
– – – OPCIONAL

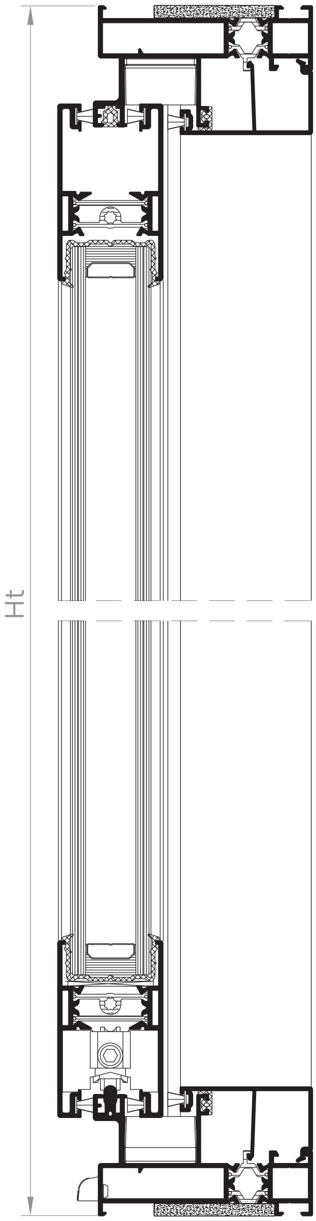
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 2 hojas monocarril [Hoja deslizante] | Caixilharia de 2 folhas de carril simples [Folha deslizante] | Coulissante 2 vantaux monorail [Vantail coulissant] | Sliding 2 sashes monorail frame [Sliding sash]





PERFILES				
2x	R6996		Lt	45°
2x	R6996		Ht	45°
4x	R6993		(Lt2-116) /2	90°
2x	R6994		Ht-78	90°
2x	7151		Ht-78	90°
2x	EX88C		Ht-78	90°
2x	7151		Ht-41.2	90°
2x	EX88C		Ht-41.2	90°
2x	7326		Lt2-34	90°
4x	7325		Lt1-42.6	90°
2x	7325		Ht-96	90°
1x	7322[(1)]		Lt-96	90°
1x	9208*		Ht-132	90°
2x	7321		Ht-54.5	90°

VIDRIO		
2x	**HOJA** · Folha Ouvrant · Sash	(Lt2-130)/2 x Ht-191
2x	**FIJO** · Fixo Fixe · Fixed	Lt1-42 x Ht-76

ACCESORIOS		
8x	ES4450	
2x	JUP88M	
4x	TP88	
2x	TP88C	
2x	TPT2020	
1x	JU88HD	
4x	TY425	
2x	DF4	
3Lt+4Ht / 3Lt+6Ht [(2)]	FP78TF	
2Ht	FP75TF	
Lt+2Ht+ Lt [(2)]	JU88T	
Lt	JU88M	
Lt+4Ht	GO02	
Lt+4Ht	GO402	
2Ht	GO401	
Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

[(1)] Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

[(2)] Con tapas embellecedoras opcionales

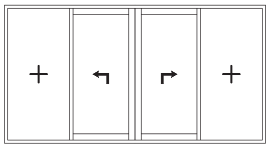
Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

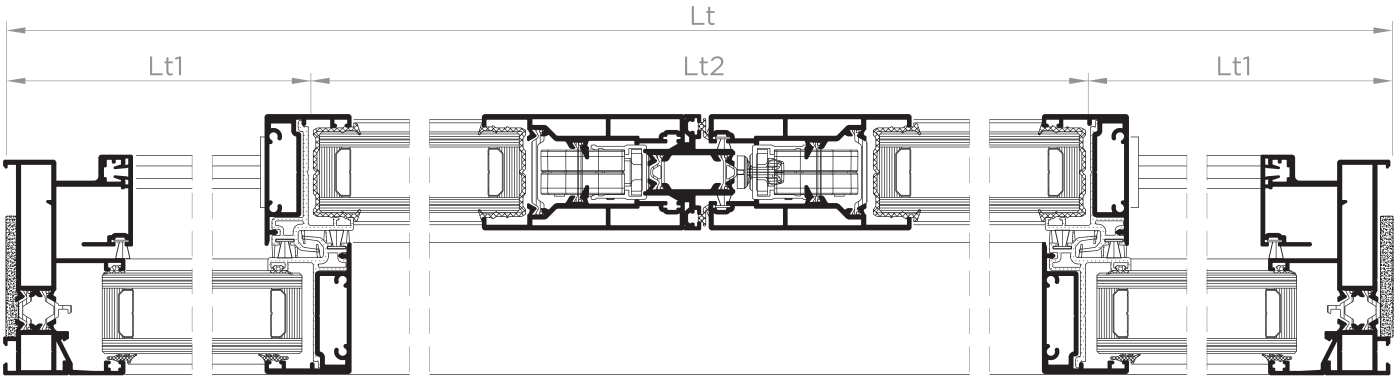
With optional embellisher cover caps

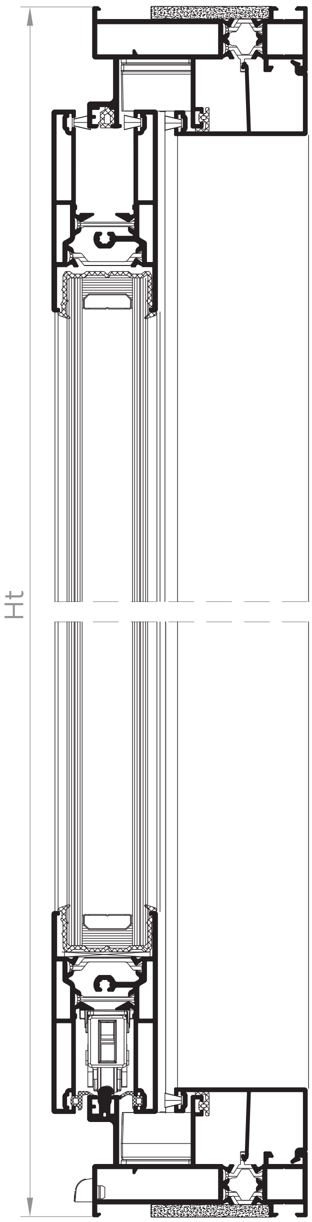
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elvadora 2 hojas monocarril [Hoja elevable] | Caixilharia elevatória de 2 folhas de carril simples [Folha elevável] | Coulissante levante 2 vantaux monorail [Vantail à levage] Lift and slide Sliding 2 sashes monorail frame [Lift and slide sash]





PERFILES				
2x	R6996		Lt	45°
2x	R6996		Ht	45°
4x	R6990		(Lt2-136)/2	90°
2x	R6991		Ht-82	90°
2x	7151		Ht-82	90°
2x	EX88C		Ht-82	90°
2x	7151		Ht-41.2	90°
2x	EX88C		Ht-41.2	90°
2x	7326		Lt2-34	90°
4x	7325		Lt1-42.6	90°
2x	7325		Ht-96	90°
1x	7322(1)		Lt-96	90°
1x	9208		Ht-136	90°
2x	7321		Ht-54.5	90°

VIDRIO		
2x	**HOJA** · Folha Ouvrant · Sash	(Lt2-150)/2 x Ht-215
2x	**FIJO** · Fixo Fixe · Fixed	Lt1-42 x Ht-76

ACCESORIOS		
8x	ES4450	
2x	JUP88M	
4x	ELTP88	
2x	TP88C	
2x	TPT2020	
1x	JU88HE	
4x	TY425	
2x	DF4	
2Lt+4Ht 2Lt+6Ht(2)	FP78TF	
2Ht	FP75TF	
Lt+2Ht Lt(2)	JU88T	
2Lt2	JU88E	
Lt	JU88M	
Lt+4Ht	GO02	
Lt+4Ht	GO402	
2Ht	GO401	
Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

(1) Con tapas embellecedoras opcionales Lt-102

Com tampas de acabamento opcionais Lt-102

Avec bouchons embellisantes facultatives Lt-102

With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales

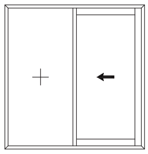
Com tampas de acabamento opcionais

Avec bouchons embellisantes facultatives

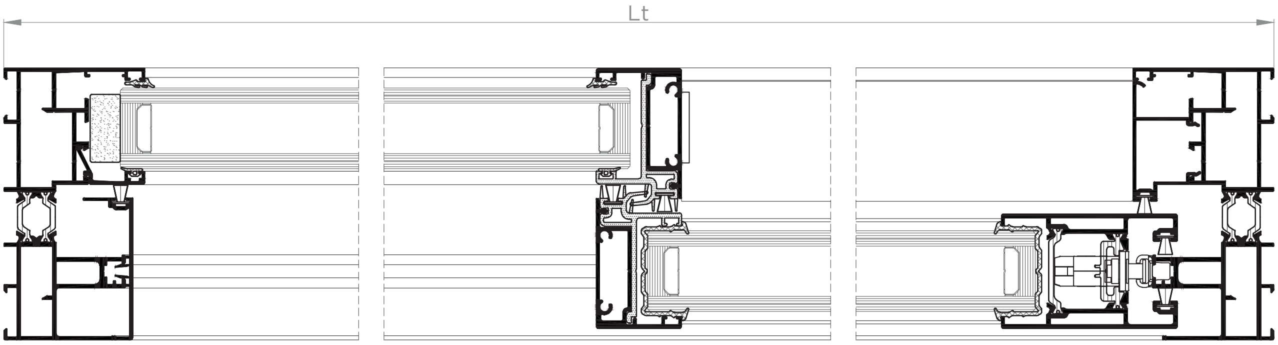
With optional embellisher cover caps

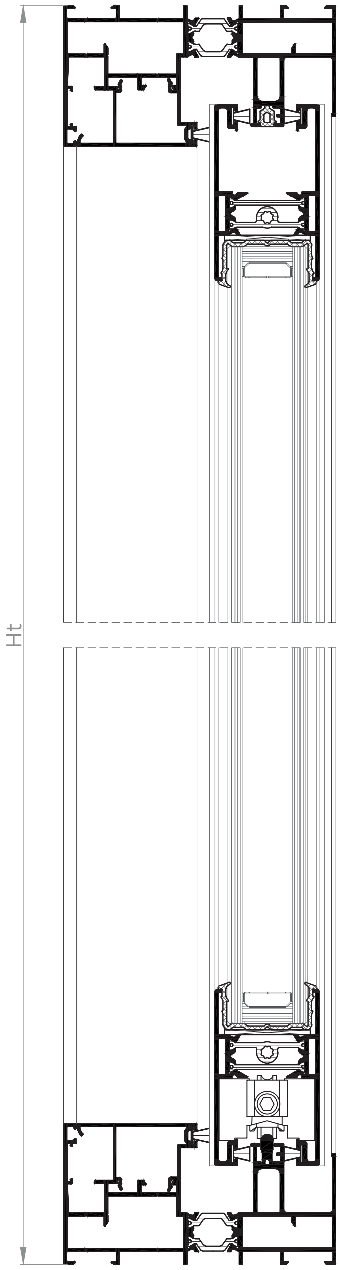
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 1 hoja interior monocarril [Hoja deslizante] | Corrediça de 1 folha interior de carril simples [Folha deslizante] | Coulissante 1 vantail intérieur monorail [Vantail coulissant] | Sliding 1 interior sash monorail frame [Sliding sash]





PERFILES			und. en mm.	
2x	**9210***		Lt	45°
2x	9210*		Ht	45°
2x	**R6993**		(Lt/2-91)	90°
1x	R6994		Ht-78	90°
1x	7151		Ht-78	90°
1x	7151		Ht-67,2	90°
1x	EX88C		Ht-78	90°
1x	EX88C		Ht-67,2	90°
2x	7500*		(Lt/2-50,6)	90°
1x	7500*		Ht-112	90°
2x	7325		(Lt/2-50,6)	90°
1x	7325		Ht-112	90°
1x	7322(1)		Ht-96	90°
1x	7347*		Ht-55	90°

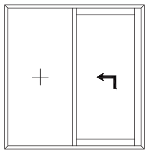
ACCESORIOS		
8x	ES4450	
2x	TP88	
1x	JUP88M	
1x	TP88C	
1x	TPT2020	
1x	JU88HD	
2x	TY425	
2x	DF4	
3Lt+5Ht 3Lt+6Ht(2)	FP78TF	
Lt+Ht Lt(2)	JU88T	
Lt+2Ht	GO02	
Lt+2Ht	GO402	
Lt+2Ht	Pág. 160-162	
Lt+Ht	POL27X12	

(1) **Con tapas embellecedoras opcionales Lt-102**
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisantes facultatives Lt-102
With optional Lt-102 embellisher cover caps

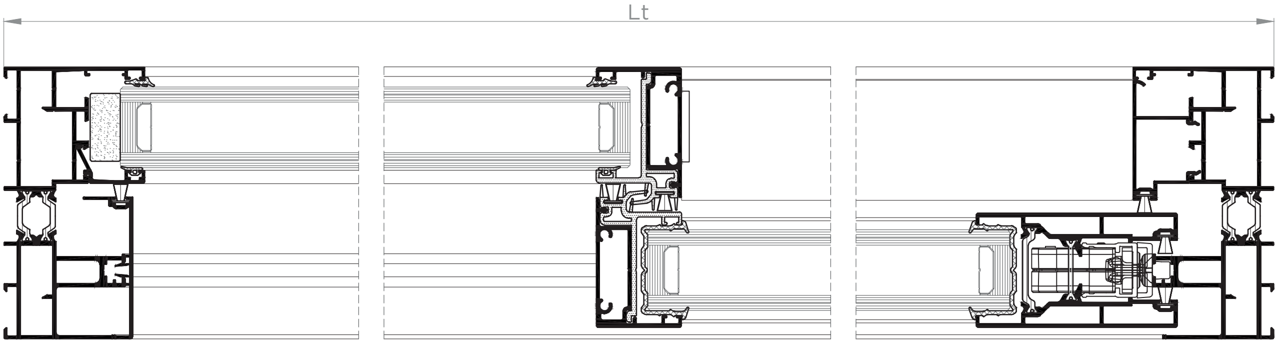
(2) **Con tapas embellecedoras opcionales**
Com tampas de acabamento opcionais
Avec bouchons embellisantes facultatives
With optional embellisher cover caps

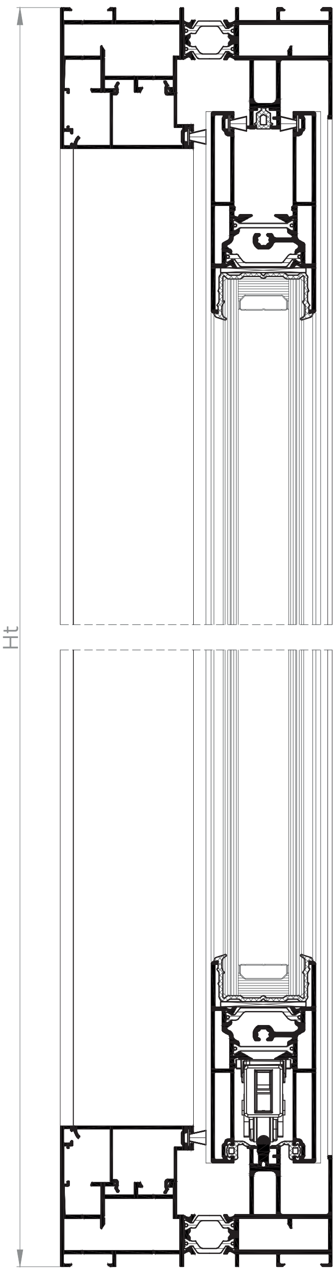
– – – OPCIONAL
Opcional | facultatif | Optional

VIDRIO		und. en mm
1x	Ouvrant / Hoja / Folha / Sash	(Lt/2)-98 x Ht-191
1x	Fixe / Fijo / Fixo / Fixed	(Lt/2)-50 x Ht-92



Corredera 1 hoja interior monocarril [Hoja elevable] | Corrediça de 1 folha interior de carril simples [Folha elevável] | Coulissante 1 vantail intérieur monorail [ouvrant à levage] | Sliding 1 interior sash monorail frame [Lift and slide sash]





PERFILES			und. en mm.	
2x	9210*		Lt	45°
2x	9210*		Ht	45°
2x	R6990		(Lt/2-101)	90°
1x	R6991		Ht-82	90°
1x	7151		Ht-82	90°
1x	7151		Ht-67,2	90°
1x	EX88C		Ht-82	90°
1x	EX88C		Ht-67,2	90°
2x	7500*		(Lt/2-50,6)	90°
1x	7500*		Ht-112	90°
2x	7325		(Lt/2-50,6)	90°
1x	7325		Ht-112	90°
1x	7322(1)		Ht-96	90°
1x	7347*		Ht-55	90°

ACCESORIOS		
8x	ES4450	
2x	ELTP88	
1x	JUP88M	
1x	TP88C	
1x	TPT2020	
1x	JU88HE	
2x	TY425	
2x	DF4	
2Lt+5Ht 2Lt+6Ht(2)	FP78TF	
Lt+Ht Lt(2)	JU88T	
Lt+2Ht	GO02	
Lt+2Ht	GO402	
Lt	JU88E	
Lt+2Ht	Pág. 160-162	
Lt+Ht	POL27X12	

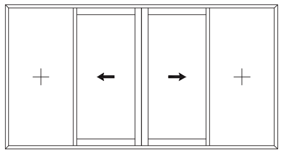
(1) Con tapas embellecedoras opcionales Lt-102
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisantes facultatives Lt-102
With optional Lt-102 embellisher cover caps

(2) Con tapas embellecedoras opcionales
Com tampas de acabamento opcionais
Avec bouchons embellisantes facultatives
With optional embellisher cover caps

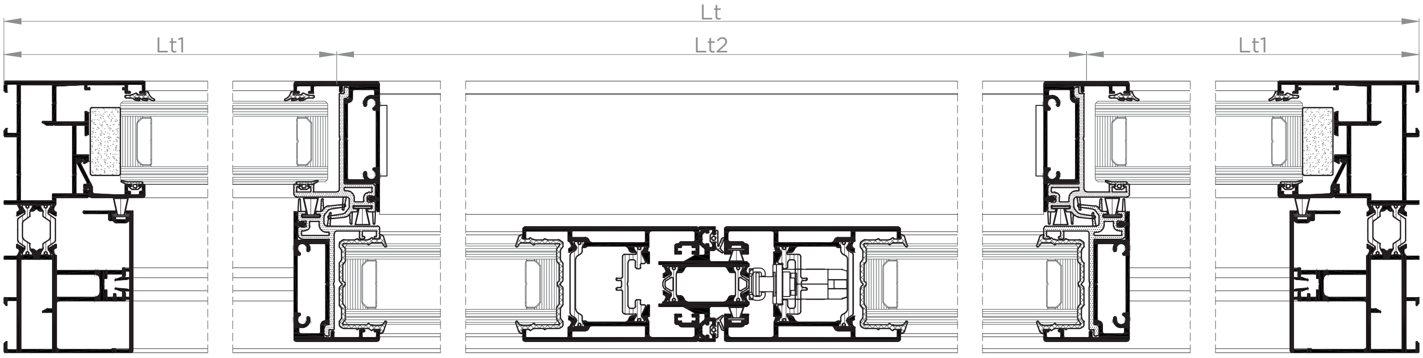
— — — OPCIONAL
Opcional | facultatif | Optional

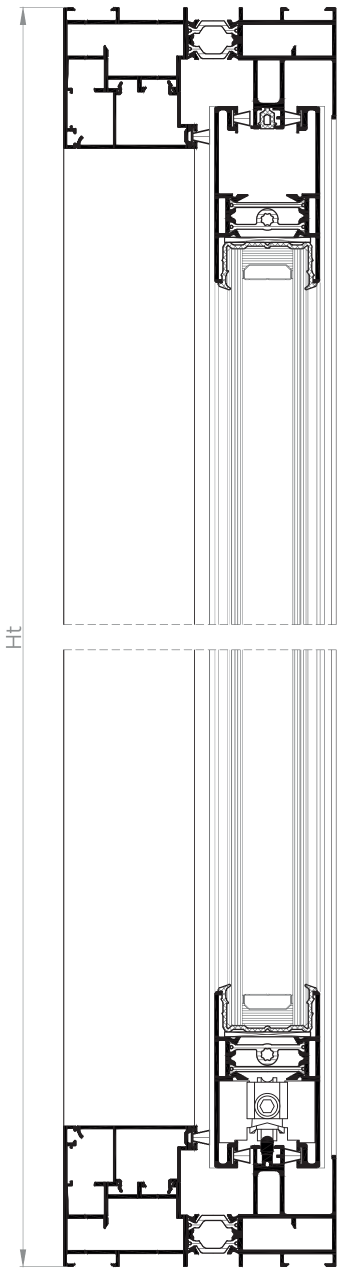
VIDRIO		und. en mm
1x	Ouvrant / Hoja / Folha / Sash	(Lt/2)-108 x Ht-215
1x	Fixe / Fijo / Fixo / Fixed	(Lt/2)-50 x Ht-92

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 2 hojas interior monocarril [Hoja deslizante] | Corrediça de 2 folhas interior de carril simples [Folha deslizante] | Coulissante 2 vantaux intérieur monorail [Vantail coulissant] | Sliding 2 interior sashes monorail frame [Sliding sash]





PERFILES				
			und. en mm.	
2x	9210*		Lt	45°
2x	9210*		Ht	45°
4x	9202		(Lt2-116)/2	90°
2x	R6993		Ht-78	90°
2x	7151		Ht-78	90°
2x	7151		Ht-67,2	90°
2x	EX88C		Ht-78	90°
2x	EX88C		Ht-67,2	90°
2x	7500*		Lt2-34	90°
4x	7325		Lt1-50,6	90°
2x	7325		Ht-112	90°
1x	7322(1)		Ht-96	90°
2x	7347*		Ht-55	90°

VIDRIO		und. en mm
1x	Ouvrant / Hoja / Folha / Sash	(Lt2-130)/2 x Ht-191
2x	Fixe / Fijo / Fixo / Fixed	Lt1-50 x Ht-92

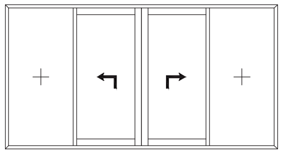
ACCESORIOS		
8x	ES4450	
4x	TP88	
2x	JUP88M	
2x	TP88C	
2x	TPT2020	
1x	JU88HD	
4x	TY425	
2x	DF4	
3Lt+4Ht 3Lt+6Ht(2)	FP78TF	
2Ht	FP75TF	
Lt+2Ht Lt(2)	JU88T	
Lt+4Ht	GO02	
Lt+4Ht	GO402	
2Ht	GO401	
Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL27X12	

(1) Con tapas embellecedoras opcionales Lt-102
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisantes facultatives Lt-102
With optional Lt-102 embellisher cover caps

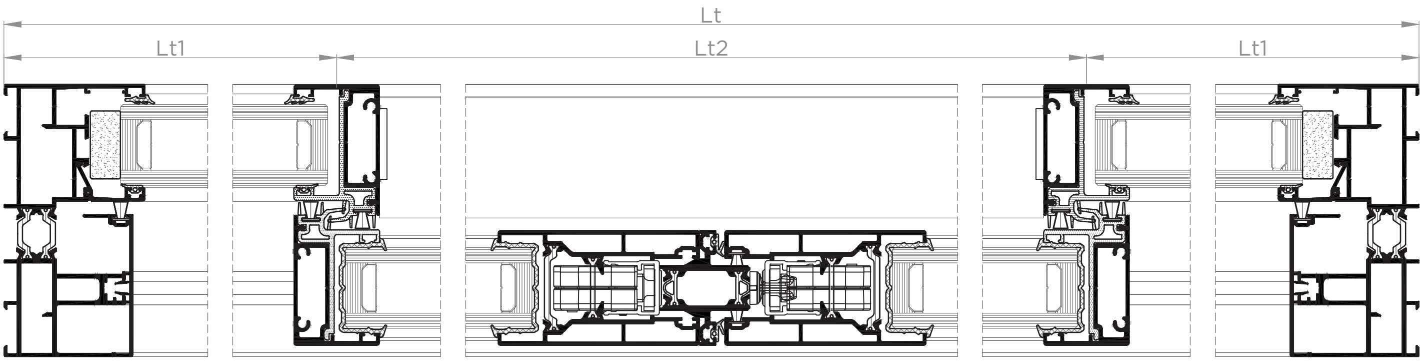
(2) Con tapas embellecedoras opcionales
Com tampas de acabamento opcionais
Avec bouchons embellisantes facultatives
With optional embellisher cover caps

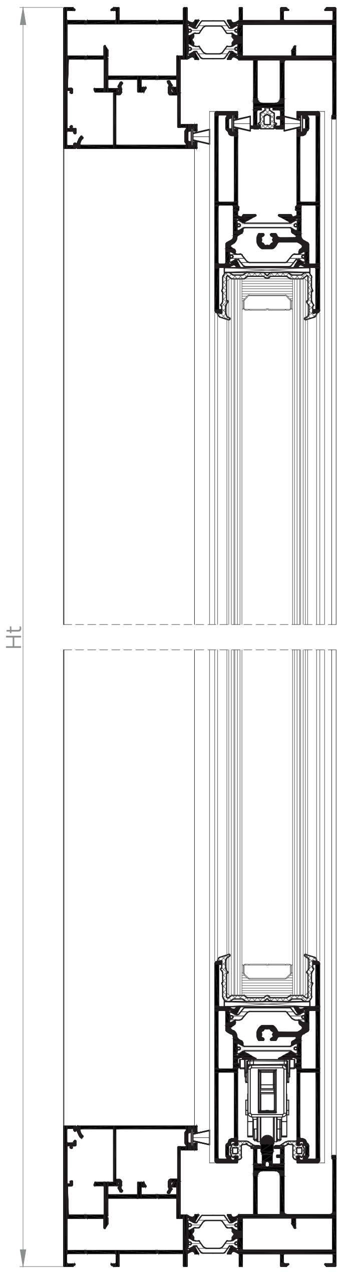
– – – OPCIONAL
Opcional | facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 2 hojas interior monocarril [Hoja elevable] | Corrediça de 2 folhas interior de carril simples [Folha elevável] | Coulissante 2 vantaux intérieur monorail [Vantail à levage] | Sliding 2 interior sashes monorail frame [Lift and slide sash]





PERFILES			und. en mm.	
2x	9210*		Lt	45°
2x	9210*		Ht	45°
4x	R6990		(Lt2-136)/2	90°
2x	R6991		Ht-82	90°
2x	7151		Ht-82	90°
2x	7151		Ht-67,2	90°
2x	EX88C		Ht-82	90°
2x	EX88C		Ht-67,2	90°
2x	7500*		Lt2-34	90°
4x	7325		Lt1-50,6	90°
2x	7325		Ht-112	90°
1x	7322 (1)		Ht-96	90°
2x	7347*		Ht-55	90°

VIDRIO		und. en mm
2x	Ouvrant / Hoja / Folha / Sash	(Lt2-150)/2 x Ht-215
2x	Fixe / Fijo / Fixo / Fixed	Lt1-50 x Ht-92

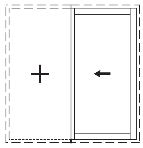
ACCESORIOS		
8x	ES4450	
4x	ELTP88	
2x	JUP88M	
2x	TP88C	
2x	TPT2020	
1x	JU88HE	
4x	TY425	
2x	DF4	
2Lt+4Ht 2Lt+6Ht (2)	FP78TF	
2Ht	FP75TF	
Lt+2Ht Lt (2)	JU88T	
2Lt2	JU88E	
Lt+4Ht	GO02	
Lt+4Ht	GO402	
2Ht	GO401	
Lt+4Ht	Pág. 160-162	
2Lt+2Ht	POL27X12	

(1) **Con tapas embellecedoras opcionales Lt-102**
Com tampas de acabamento opcionais Lt-102
Avec bouchons embellisantes facultatives Lt-102
With optional Lt-102 embellisher cover caps

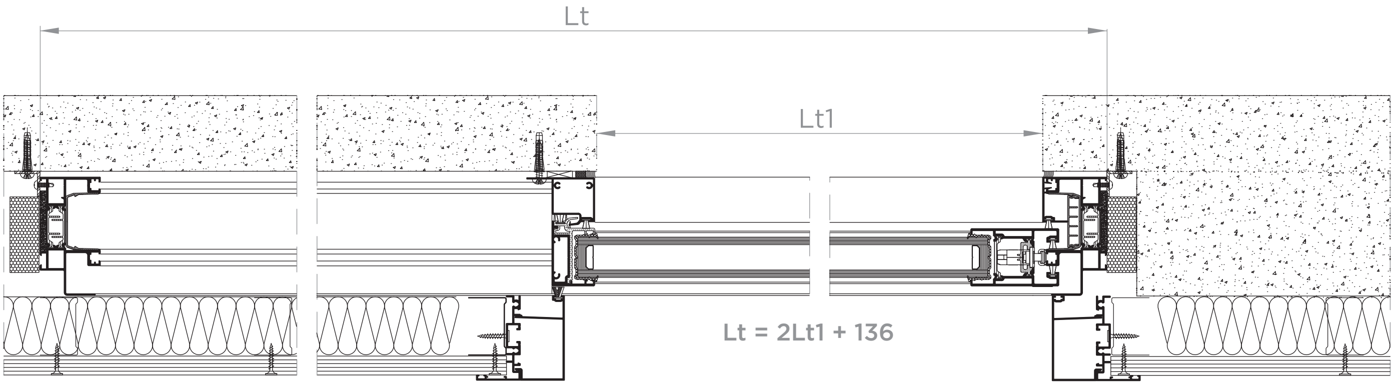
(2) **Con tapas embellecedoras opcionales**
Com tampas de acabamento opcionais
Avec bouchons embellisantes facultatives
With optional embellisher cover caps

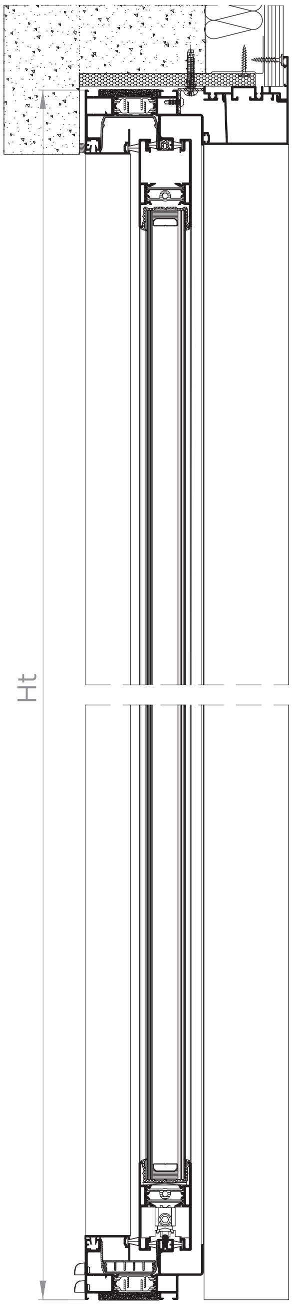
– – – OPCIONAL
Opcional | facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 1 hoja galandage [Hoja deslizante] | Caixilharia de 1 folha galandage [Folha deslizante]
Coulissante 1 vantail à galandage [Vantail coulissant] | Sliding 1 sash pocket [Sliding sash]





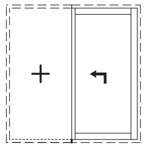
PERFILES				
2x	9207*		Lt	45°
2x	9207*		Ht	45°
2x	EX88M		Lt-41	90°
2x	EX88M		Ht-41	90°
2x	EX88CM		Lt1+29	90°
1x	EX88CM		Ht1-53	90°
2x	R6993		Lt1-23	90°
1x	R6994		Ht-78	90°
1x	7151		Ht-78	90°
1x	EX88C		Ht-78	90°
1x	7327*		Ht-80	90°
1x	7330*		Lt1+172	45°
2x	7330		Ht+27	45° 90°
1x	7329*		Lt1+102	90°
2x	7329*		Ht-44	90°
1x	7322(1)		Lt-96	90°
2x	7321		Lt1+3	90°
1x	7321		Ht-102	90°

VIDRIO	
1x	Lt1-30 x Ht-191

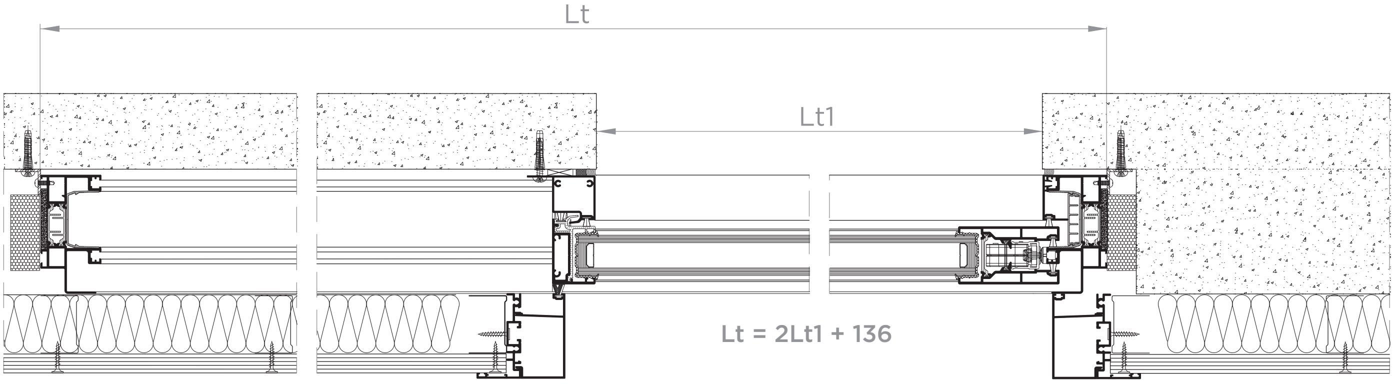
ACCESORIOS		
8x	ES4450	
2x	ES9	
1x	JUP88	
2x	TP88	
1x	TP88C	
1x	TPT2020	
1x	JU88HD	
2x	MB3	
4x	DF4	
4Lt1+5Ht	FP78TF	
2Lt1+Ht	FP79F	
Lt1	JU88T	
2Lt1+2Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

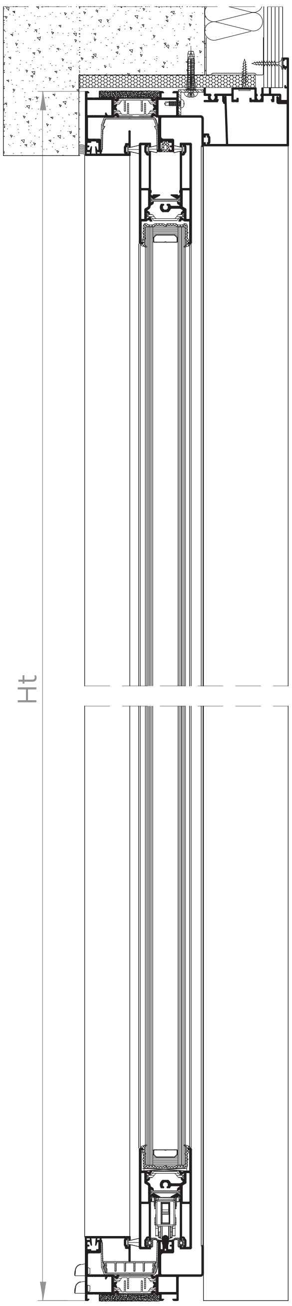
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elevadora 1 hoja galandage [Hoja elevable] | Caixilharia elevatória de 1 folha galandage [Folha elevável] | Coulissante levante 1 vantail à galandage [Vantail à levage] | Sliding 1 lift and slide sash pocket [Lift and slide sash]





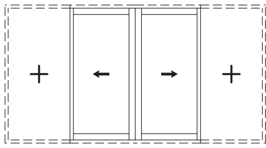
PERFILES				
2x	9207*		Lt	45°
2x	9207*		Ht	45°
2x	EX88M		Lt-41	90°
2x	EX88M		Ht-41	90°
2x	EX88CM		Lt1+29	90°
1x	EX88CM		Ht1-53	90°
2x	R6990		Lt1 - 33	90°
1x	R6991		Ht-82	90°
1x	7151		Ht-82	90°
1x	EX88C		Ht-82	90°
1x	7327*		Ht-80	90°
1x	7330*		Lt1+172	45°
2x	7330*		Ht+27	45° / 90°
1x	7329*		Lt1+102	90°
2x	7329*		Ht-44	90°
1x	7322(1)		Lt-96	90°
2x	7321		Lt1+3	90°
1x	7321		Ht-102	90°

VIDRIO	
1x	Lt1-40 x Ht-215

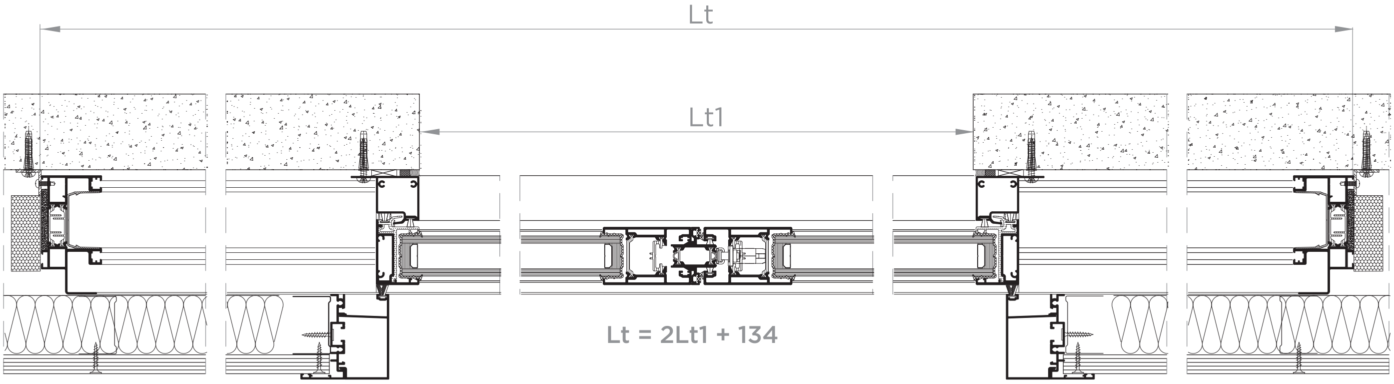
ACCESORIOS		
8x	ES4450	
2x	ES9	
1x	JUP88	
2x	TP88	
1x	TP88C	
1x	TPT2020	
1x	JU88HE	
2x	MB3	
4x	DF4	
2Lt1+5Ht	FP78TF	
2Lt1+Ht	FP79F	
Lt1	JU88T	
2Lt1	JU88E	
2Lt1+2Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

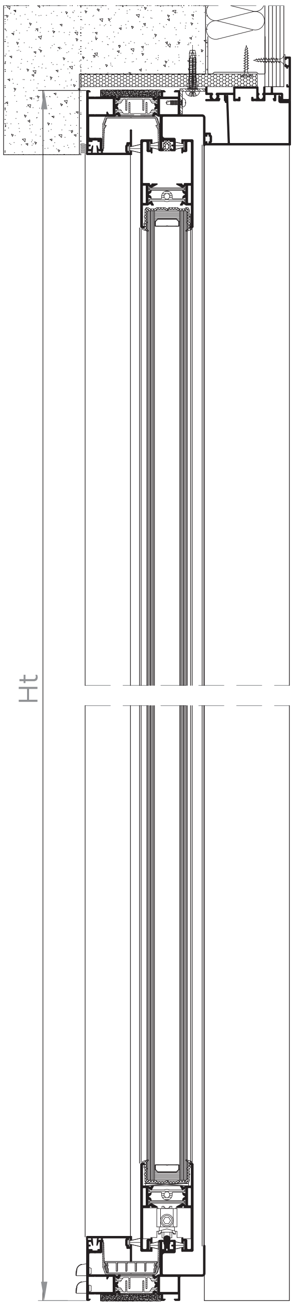
OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 2 hojas galandage [Hoja deslizante] | Caixilharia de 2 folhas galandage [Folha deslizante] | Coulissante 2 vantaux à galandage [Vantail coulissant] | Sliding 2 sashes pocket [Sliding sash]





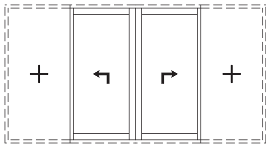
PERFILES				
2x	9207*		Lt	45°
2x	9207*		Ht	45°
2x	EX88M		Lt-41	90°
2x	EX88M		Ht-41	90°
1x	EX88CM		Lt1	90°
4x	R6993		(Lt1-82)/2	90°
2x	R6994		Ht-78	90°
2x	7151		Ht-78	90°
2x	EX88C		Ht-78	90°
2x	7327*		Ht-80	90°
1x	7330*		Lt1+188	45°
2x	7330*		Ht+27	45° 90°
1x	7329*		Lt1+118	90°
2x	7329*		Ht-44	90°
1x	7322(1)		Lt-96	90°
2x	7321		Lt1	90°
1x	9208*		Ht-132	90°

VIDRIO	
2x	(Lt1-96)/2 x Ht-191

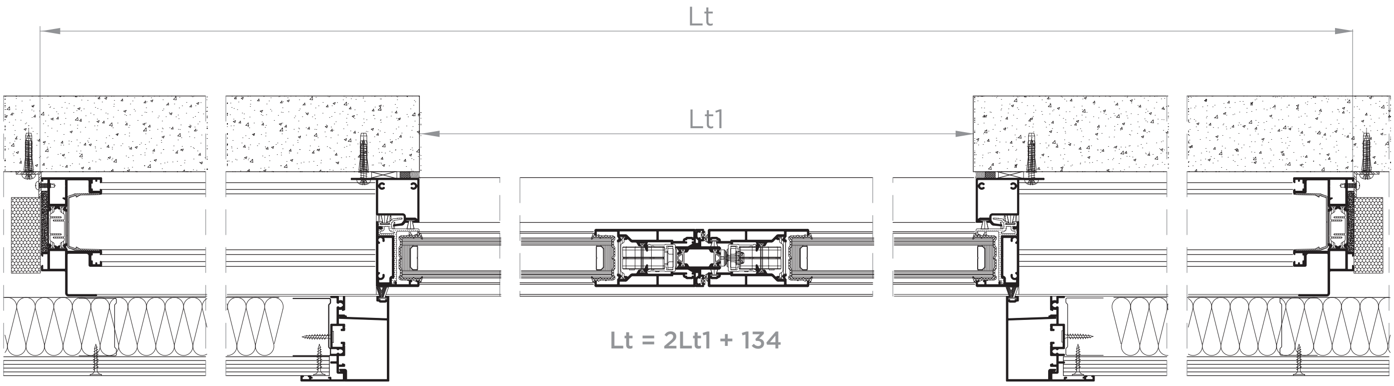
ACCESORIOS		
8x	ES4450	
2x	ES9	
2x	JUP88	
4x	TP88	
2x	TP88C	
2x	TP34H88	
2x	TPT2020	
1x	JU88HD	
2x	MB3	
4x	DF4	
4Lt1+4Ht	FP78TF	
2Ht	FP75TF	
2Lt1+2Ht	FP79F	
Lt1	JU88T	
2Ht	GO401	
2Lt1+2Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

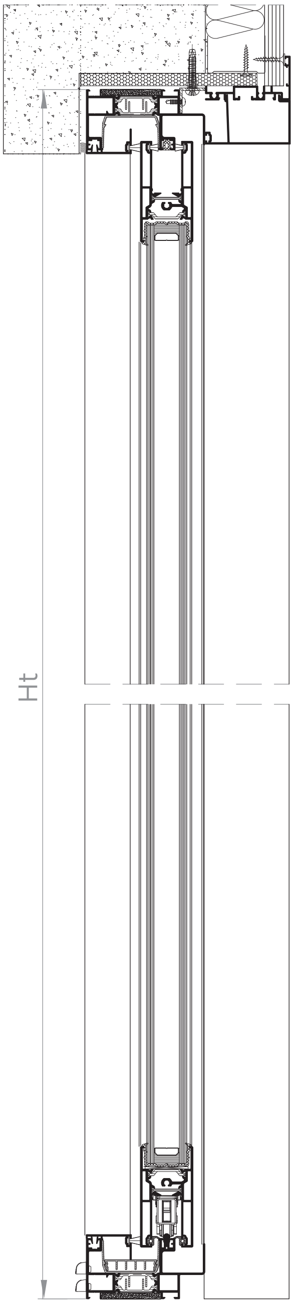
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera elvadora 2 hojas galandage [Hoja elevable] | Caixilharia elevatória de 2 folhas galandage [Folha elevável] | Coulissante levante 2 vantaux à galandage [Vantail à levage] Lift and slide Sliding 2 sashes pocket [Lift and slide sash]





PERFILES

2x	9207*		Lt	45º
2x	9207*		Ht	45º
2x	EX88M		Lt-41	90º
2x	EX88M		Ht-41	90º
1x	EX88CM		Lt1	90º
4x	R6990		(Lt1-102)/2	90º
2x	R6991		Ht-82	90º
2x	7151		Ht-82	90º
2x	EX88C		Ht-82	90º
2x	7327*		Ht-80	90º
1x	7330*		Lt1+188	45º
2x	7330*		Ht+27	45º / 90º
1x	7329		Lt1+118	90º
2x	7329*		Ht-44	90º
1x	7322[1]		Lt-96	90º
2x	7321		Lt1	90º
1x	9208*		Ht-136	90º

VIDRIO

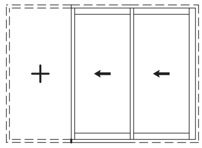
2x	(Lt1-96)/2 x Ht-191

ACCESORIOS

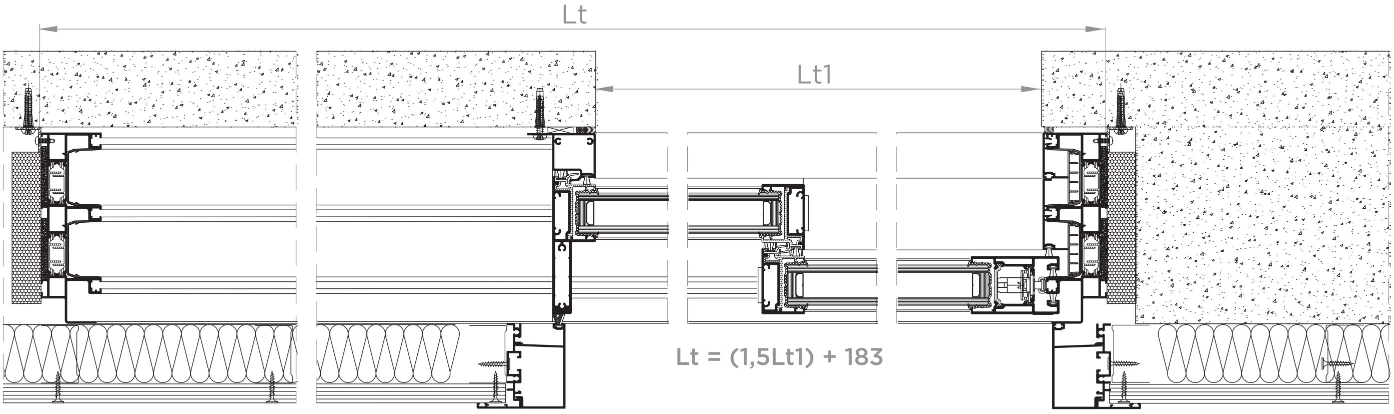
8x	ES4450	
2x	ES9	
2x	JUP88EL	
4x	ELTP88	
2x	TP88C	
2x	TP34H88	
2x	TPT2020	
1x	JU88HE	
2x	MB3	
4x	DF4	
2Lt1+4Ht[2]	FP78TF	
2Ht	FP75TF	
2Lt1+2Ht	FP79F	
Lt1 [2]	JU88T	
2Lt1	JU88E	
2Ht	GO401	
2Lt1+4Ht	Pág. 160-162	
2Lt+2Ht	POL48X5	

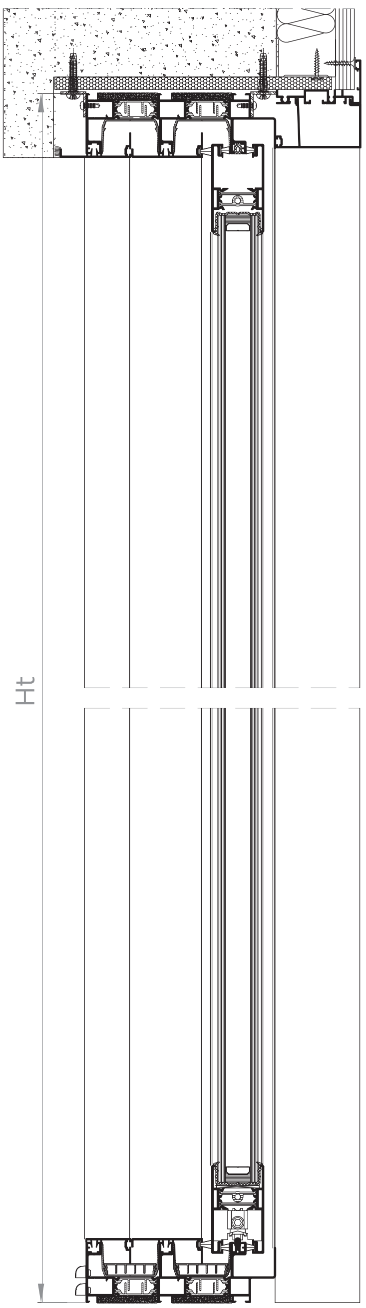
– – – OPCIONAL
Opcional | Facultatif | Optional

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas



Corredera 2 hojas galandage tricarril [Hoja deslizante] | Caixilharia de 2 folhas galandage de carril triplo [Folha deslizante] | Coulissante 2 vantaux à galandage trois rails [Vantail coulissant] Sliding 2 sashes triple-rail pocket [Sliding sash]





PERFILES				
2x	9438*		Lt	45º
2x	9438*		Ht	45º
2x	EX88M		Lt-41	90º
2x	EX88M		Ht-41	90º
1x	EX88CM		Lt1+29	90º
1x	EX88CM		Lt1+63	90º
1x	EX88CM		Ht1- 53	90º
4x	R6993		(Lt1/2) -11.5	90º
1x	R6994		Ht-78	90º
2x	7151		Ht-78	90º
3x	EX88C		Ht-78	90º
1x	7328		Ht-78	90º
1x	7327*		Ht-80	90º
1x	7330*		Lt1+172	45º
2x	7330*		Ht+27	45º 90º
1x	7329*		Lt1+102	90º
2x	7329*		Ht-44	90º
2x	7322[1]		Lt-96	90º
1x	7321		Lt1+3	90º
1x	7321		Ht-102	90º
1x	7347*		Lt1+3	90º
2x	7347*		(Lt1/2) +14.5	90º
1x	7347*		Ht-102	90º

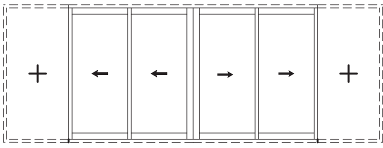
ACCESORIOS		
12x	ES4450	
2x	ES9	
2x	JUP88	
2x	TP88	
3x	TP88C	
2x	TPT2020	
1x	JU88HD	
2x	MB3	
4x	DF4	
4Lt1+7Ht[2]	FP78TF	
2Lt1+Ht	FP79F	
Lt1 [2]	JU88T	
2Lt1+4Ht	Pág. 160-162	
2Lt+4Ht	POL48X5	

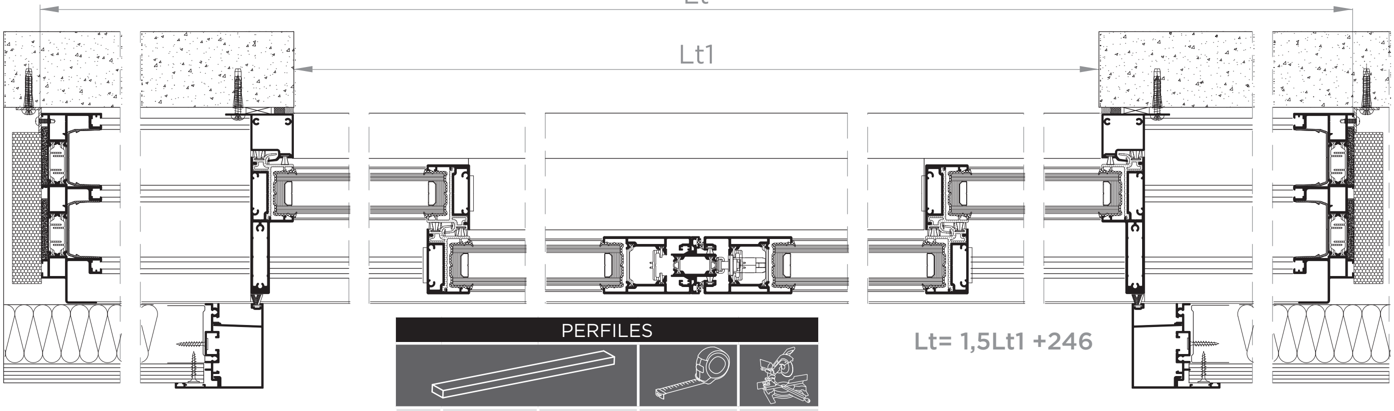
– – – OPCIONAL
Opcional | Facultatif | Optional

VIDRIO	
2x	(Lt1/2)-18.5 x Ht-191

FÓRMULAS DE CORTE | Fórmulas de corte | Formules de découpage | Cutting formulas

Corredera 4 hojas galandage tricarril [Hoja deslizante] | Caixilharia de 4 folhas galandage de carril triplo [Folha deslizante] | Coulissante 4 vantaux à galandage trois rails [Vantail coulissant] | Sliding 4 sashes triple-rail pocket [Sliding sash]





Lt= 1,5Lt1 +246

PERFILES				
2x	9438*		Lt	45°
2x	9438*		Ht	45°
2x	EX88M		Lt-41	90°
2x	EX88M		Ht-41	90°
1x	EX88CM		Lt1	90°
1x	EX88CM		[(Lt1-110)/2] +96	90°
2x	EX88CM		[(Lt1-110)/4] +7	90°
4x	R6993		(Lt1-82)/4	90°
1x	R6994		Ht-78	90°
4x	7151		Ht-78	90°
6x	EX88C		Ht-78	90°
2x	7328		Ht-78	90°
2x	7327*		Ht-80	90°
1x	7330*		Lt1+172	45°
2x	7330*		Ht+27	90° 45°
1x	7329*		Lt1+102	90°
2x	7329*		Ht-44	90°
2x	7322		Lt-96	90°
1x	7321		Lt1+3	90°
1x	7321		Ht-102	90°
1x	7347*		Lt1+3	90°
2x	7347*		(Lt1/2) +14.5	90°
1x	7347*		Ht-102	90°

ACCESORIOS		
12x	ES4450	
2x	ES9	
4x	JUP88	
4x	TP88	
6x	TP88C	
2x	TP34H88	
4x	TPT2020	
2x	JU88HD	
2x	MB3	
4x	DF4	
4Lt1+8Ht(2)	FP78TF	
2Ht	FP75TF	
2Lt1+2Ht	FP79F	
2Lt1 (2)	JU88T	
2Ht	GO401	
2Lt1+8Ht	Pág. 160-162	
2Lt+4Ht	POL48X5	

– – – OPCIONAL
Opcional | Facultatif | Optional

VIDRIO	
4x	(Lt1-110)/4 x Ht-191

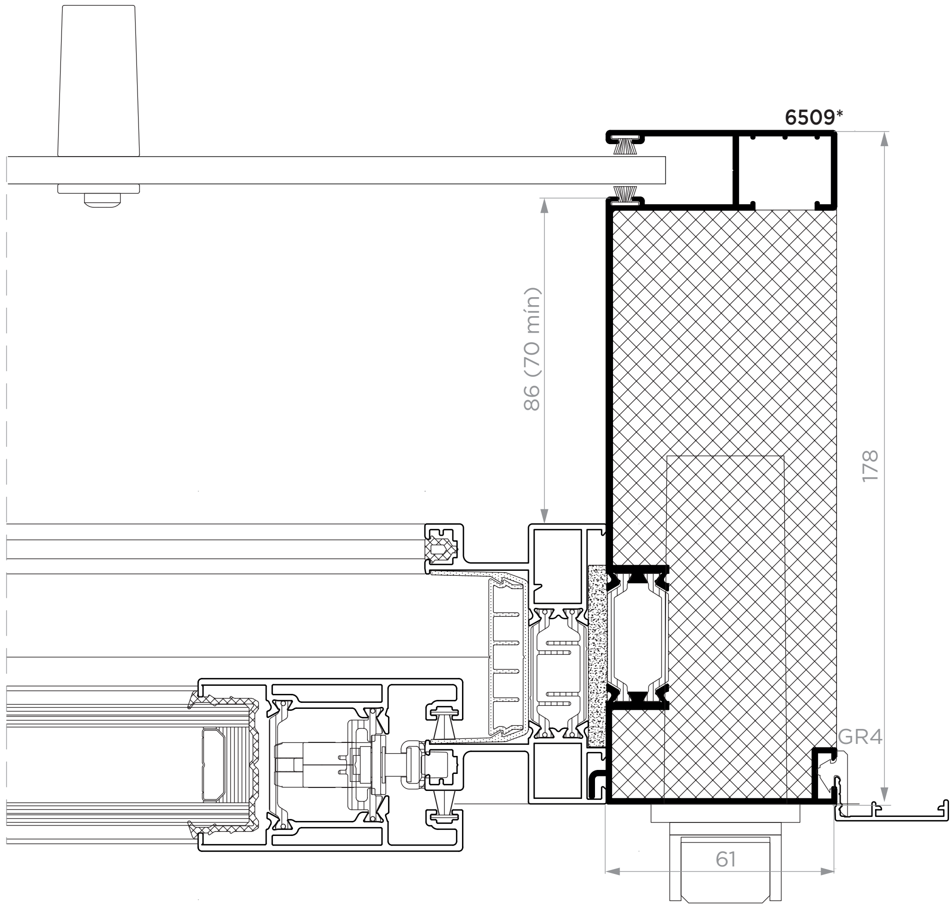
STRUGAL

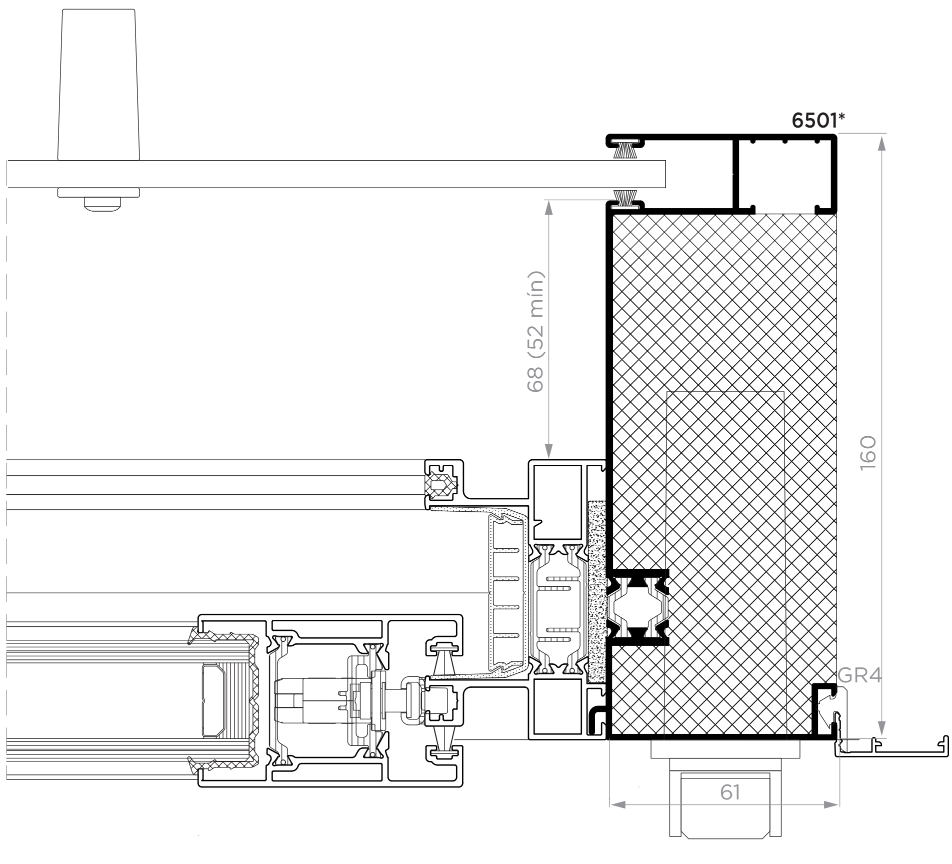
STRUGAL **S88RP**

SOLUCIONES COMPLEMENTARIAS
Soluções complementares
Solutions complémentaires
Complementary solutions

SOLUCIONES COMPLEMENTARIAS | Soluções complementares | Solutions complémentaires | Complementary solutions

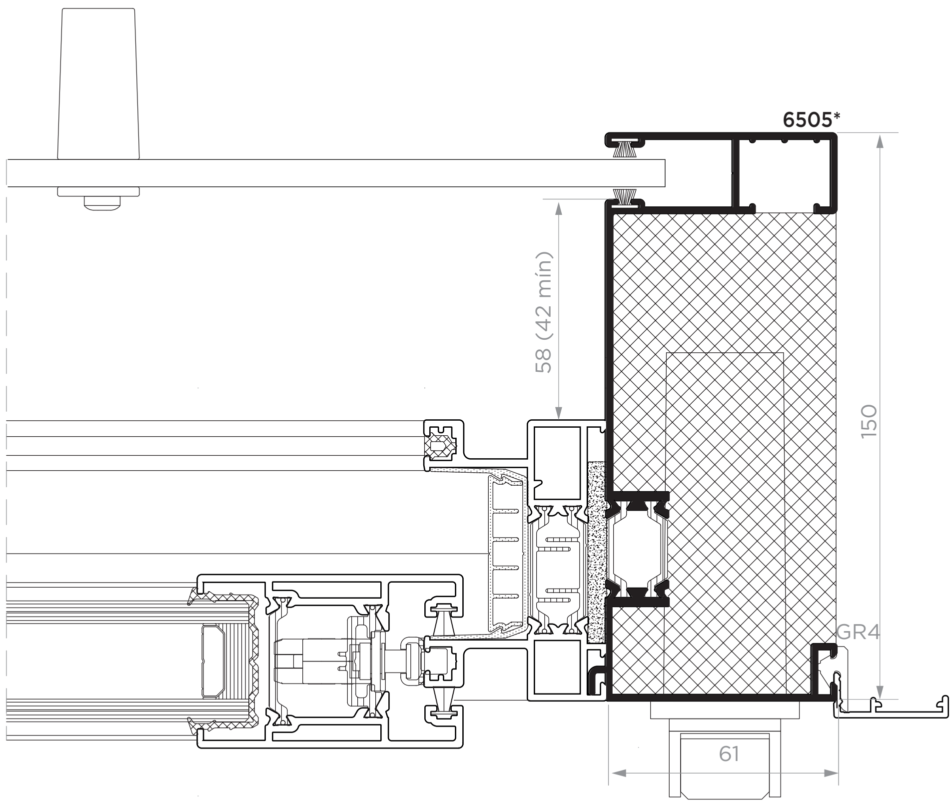
Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide

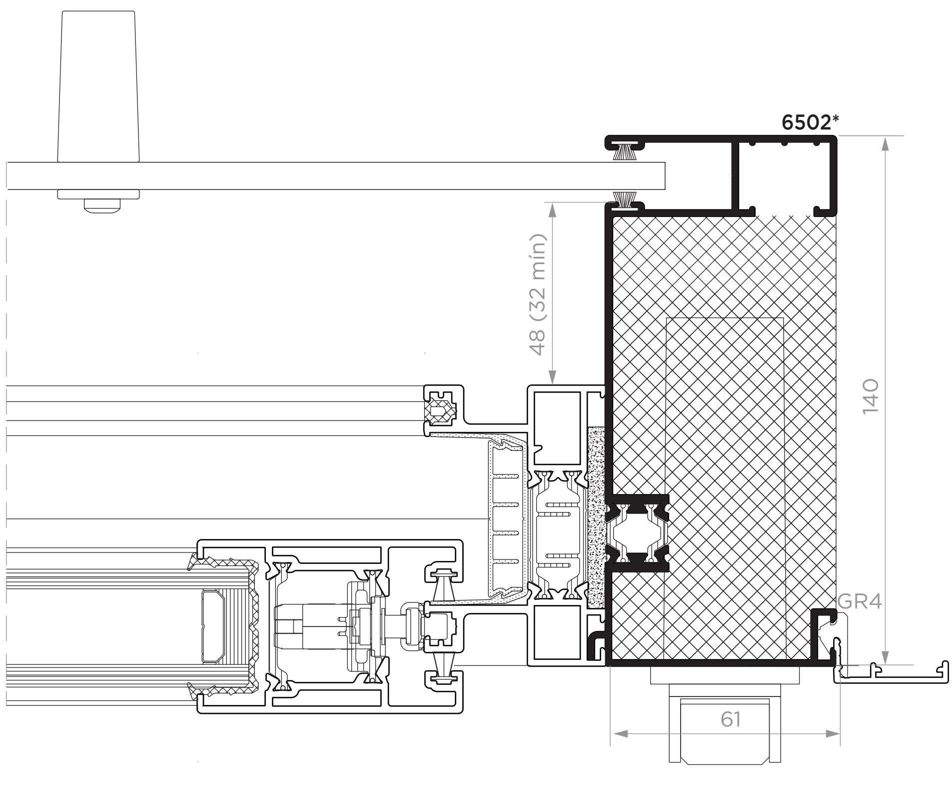




1:2

Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide





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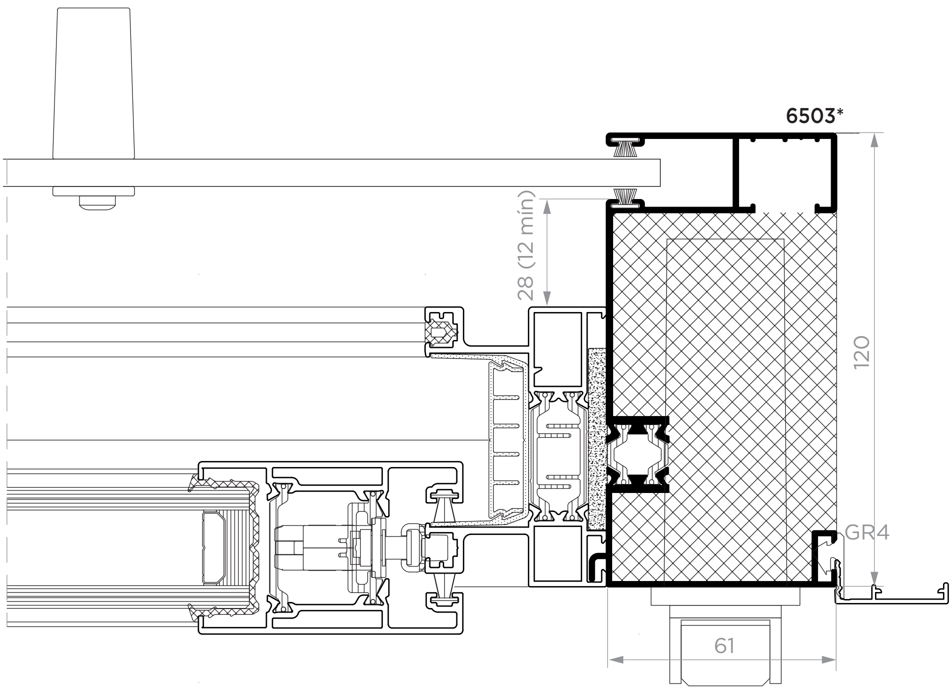
Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide



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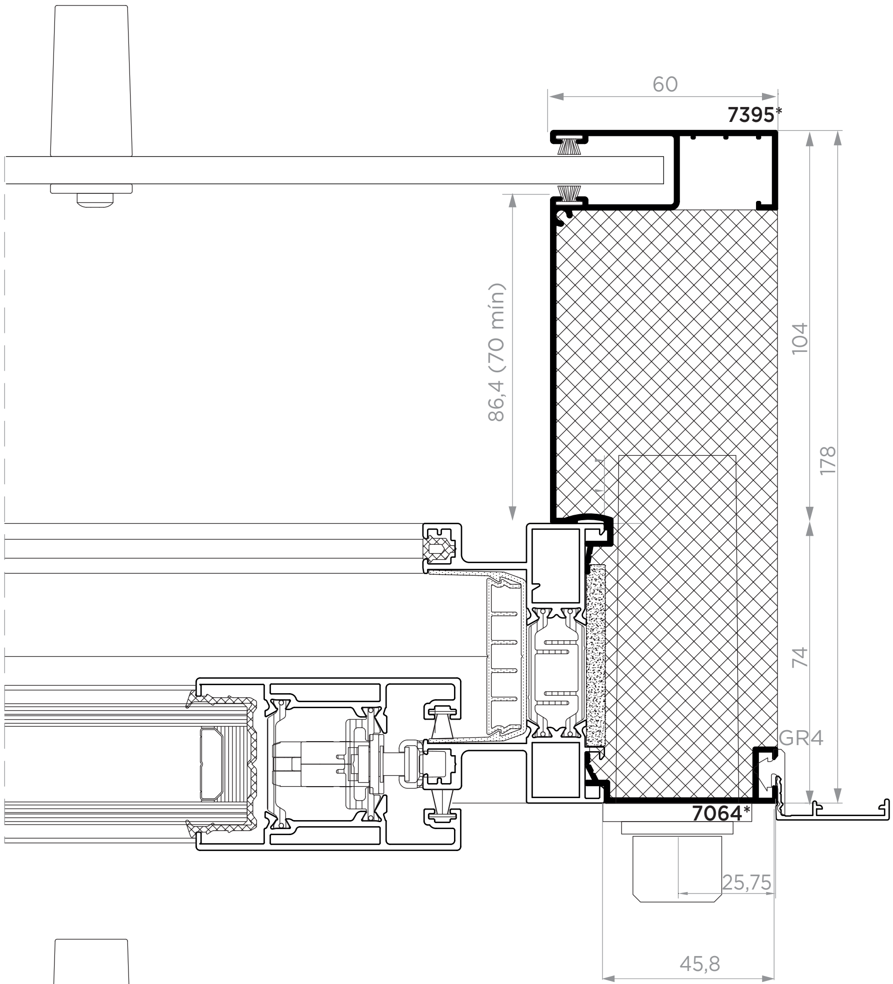
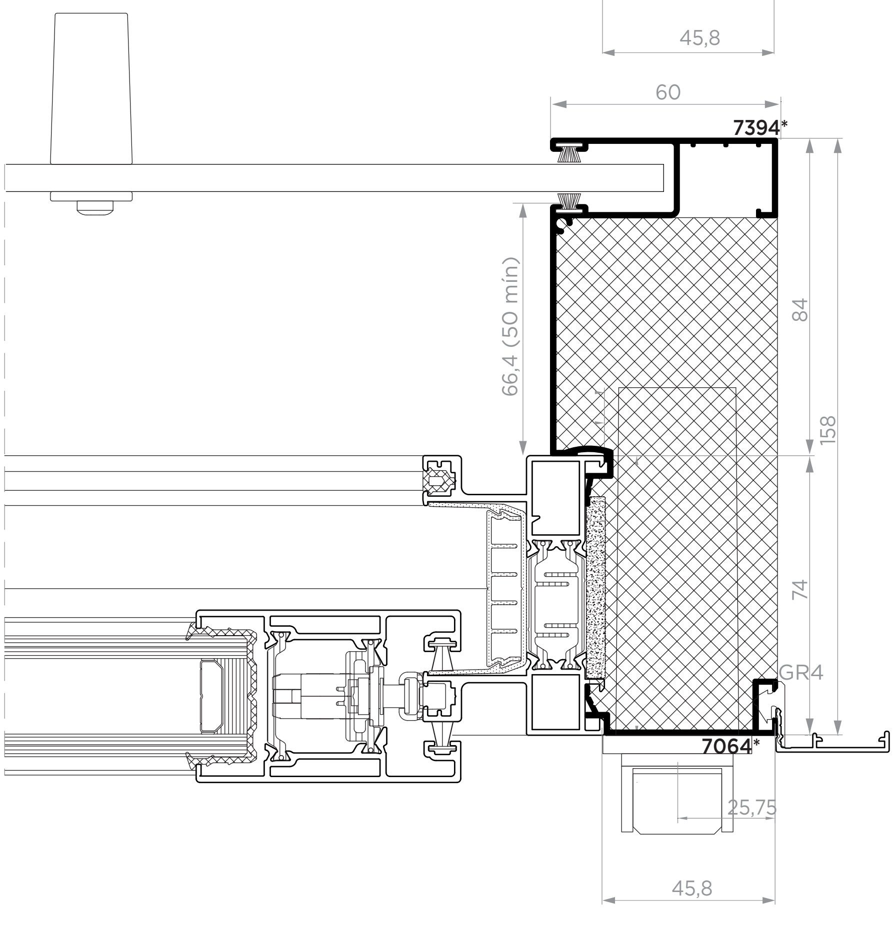
SOLUCIONES COMPLEMENTARIAS | Soluções complementares | Solutions complémentaires | Complementary solutions

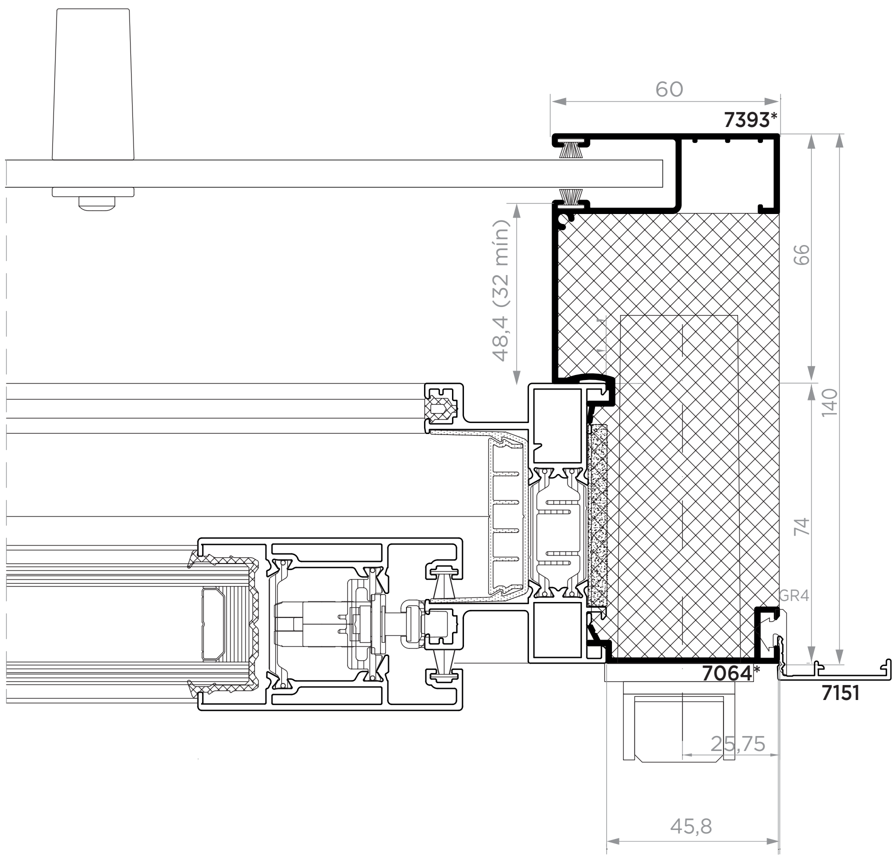
Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide





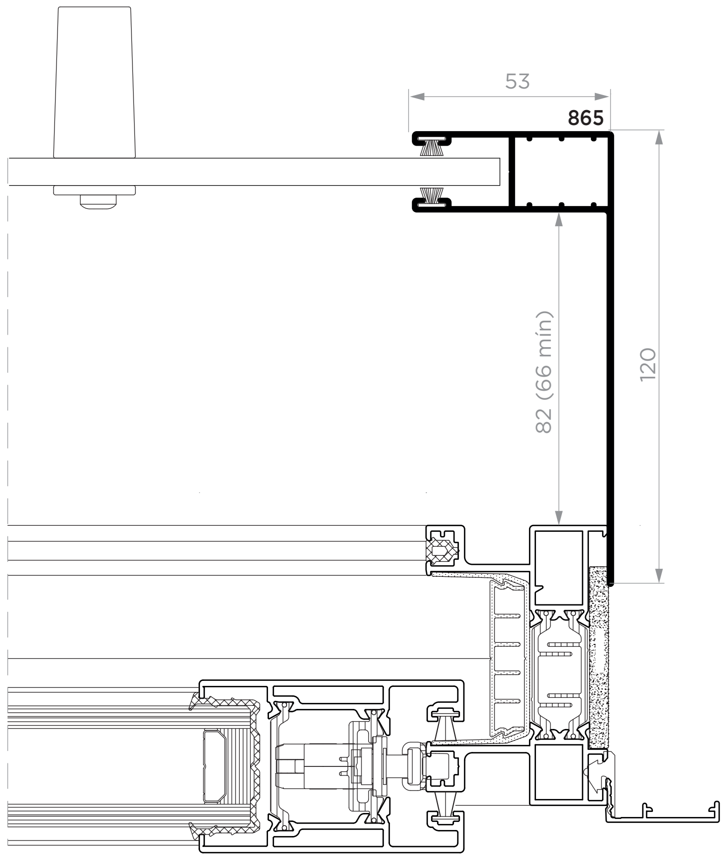
1:2

Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide



1:2

Sección lateral guía de persiana | Seção lateral guia de persiana | Section latérale coulisse de volet | Side section shutter guide



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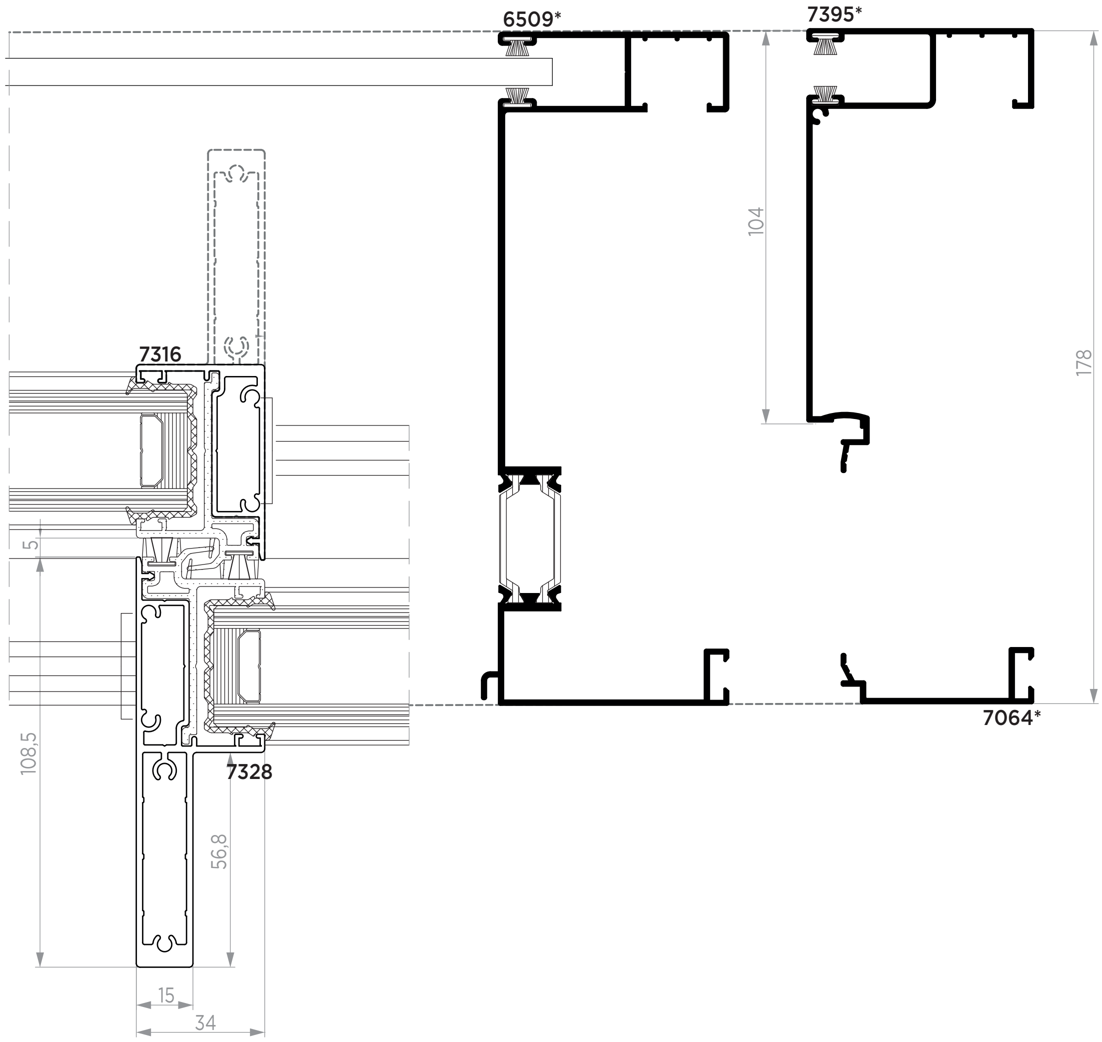
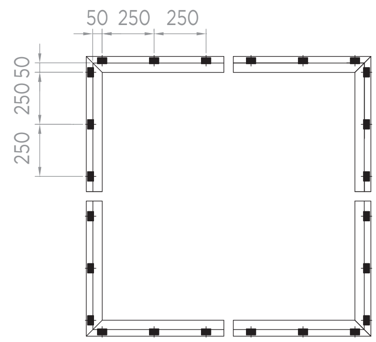
Sección lateral guia+hoja centro reforzad/a [Deslizante] | Seção lateral guia + folha centro reforçada [Deslizante] | Section latérale coulisse + Ouvrant centre renforcée [coulissant] | Side section guide + Reinforced centre sash [Sliding]



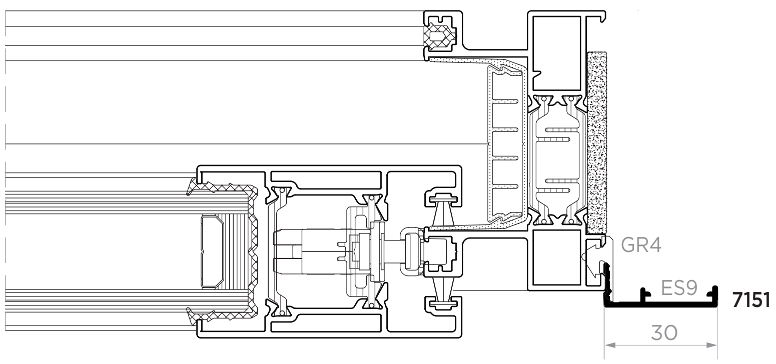
1:2

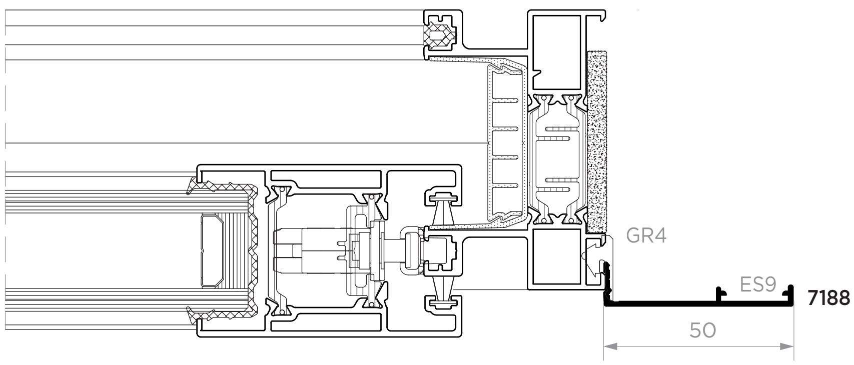
SOLUCIONES COMPLEMENTARIAS | Soluções complementares | Solutions complémentaires | Complementary solutions

Sección lateral tapajuntas rectos grapas plásticas | Secção lateral tapa-juntas retos grampos plásticos | Section latérale couvre-joints droits agrafes en plastique | Straight flashing side section plastic clamps



Fijación Grapas
Fixação grampos
Fixation agrafes
Clamp fixing

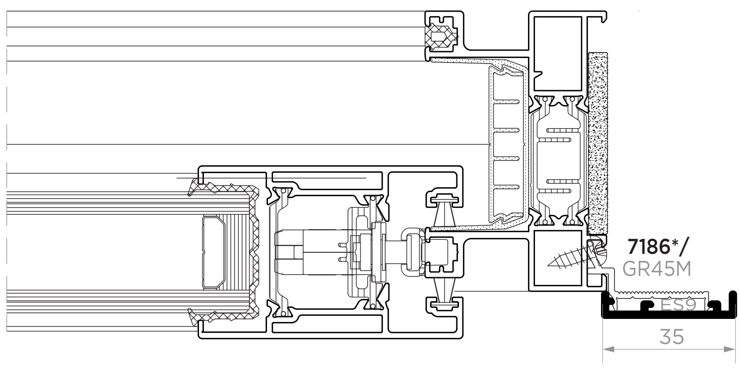


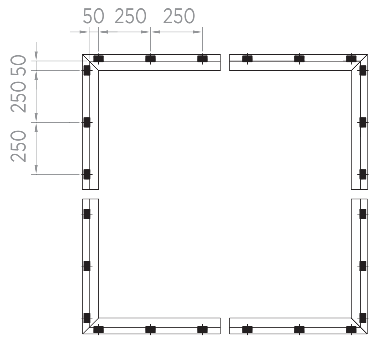


1:2

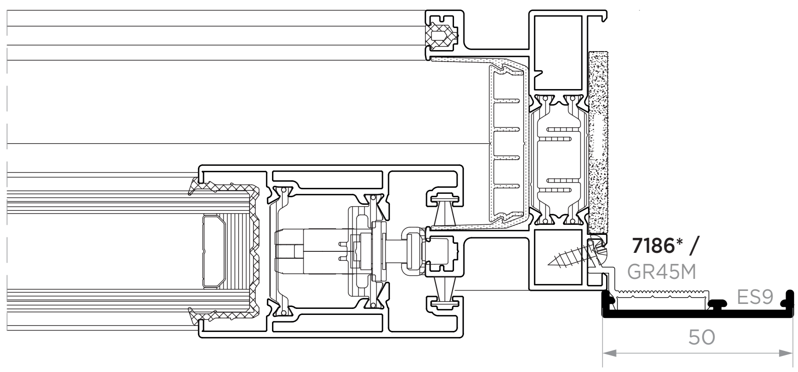
SOLUCIONES COMPLEMENTARIAS | Soluções complementares | Solutions complémentaires | Complementary solutions

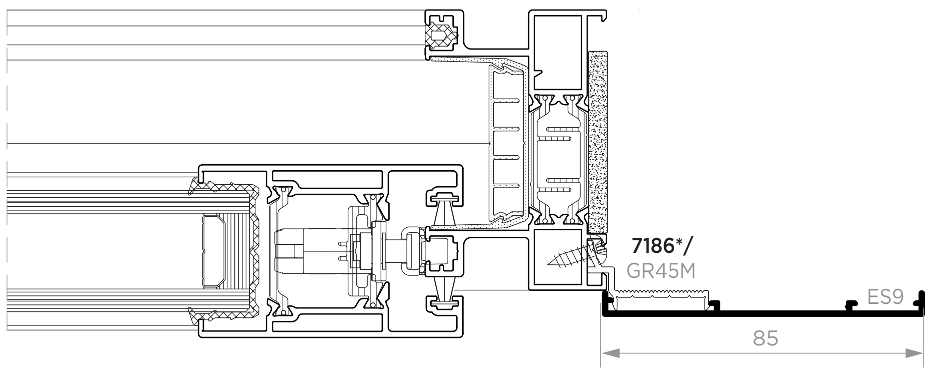
Sección lateral tapajuntas rectos grapas metálicas | Secção lateral tapa-juntas retas grampos metálicos | Section latérale couvre-joints droits métalliques | Straight flashing side section plastic clamps





Fijación Grapas
Fixação grampos
Fixation agrafes
Clamp fixing

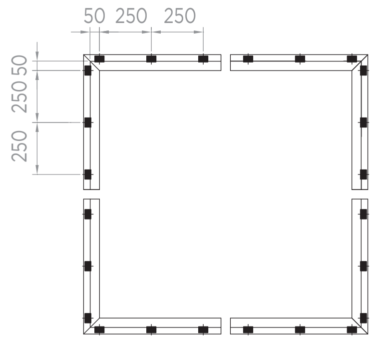




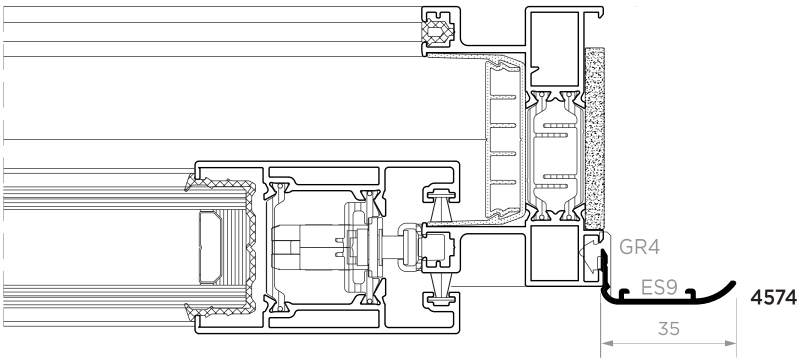
1:2

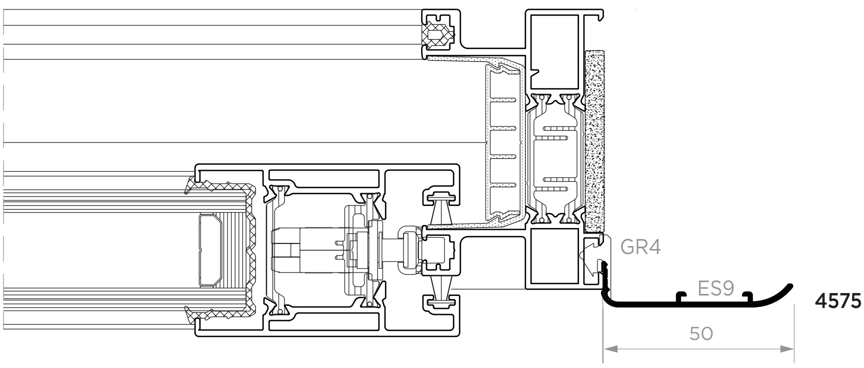
SOLUCIONES COMPLEMENTARIAS | Soluções complementares | Solutions complémentaires | Complementary solutions

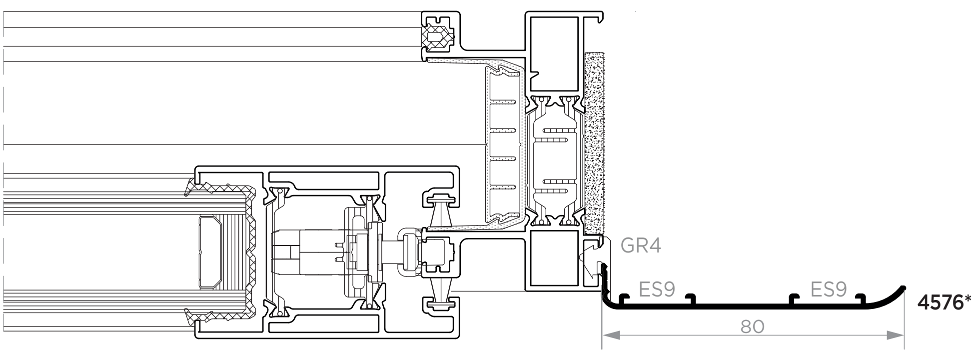
Sección lateral tapajuntas curvos grapas plásticas | Secção lateral enchimento de tapajuntas curvos grampos plásticos | Section latérale couvre-joints courbés agrafes plastiques | Curved flashing side section plastic clamps



Fijación Grapas
Fixação grampos
Fixation agrafes
Clamp fixing

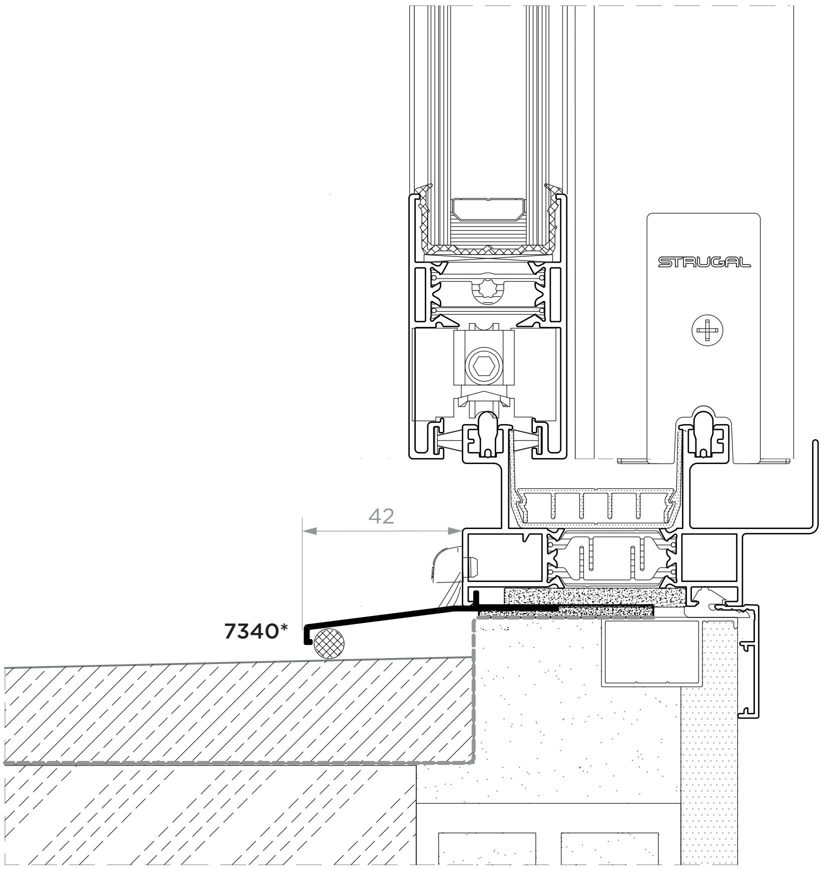


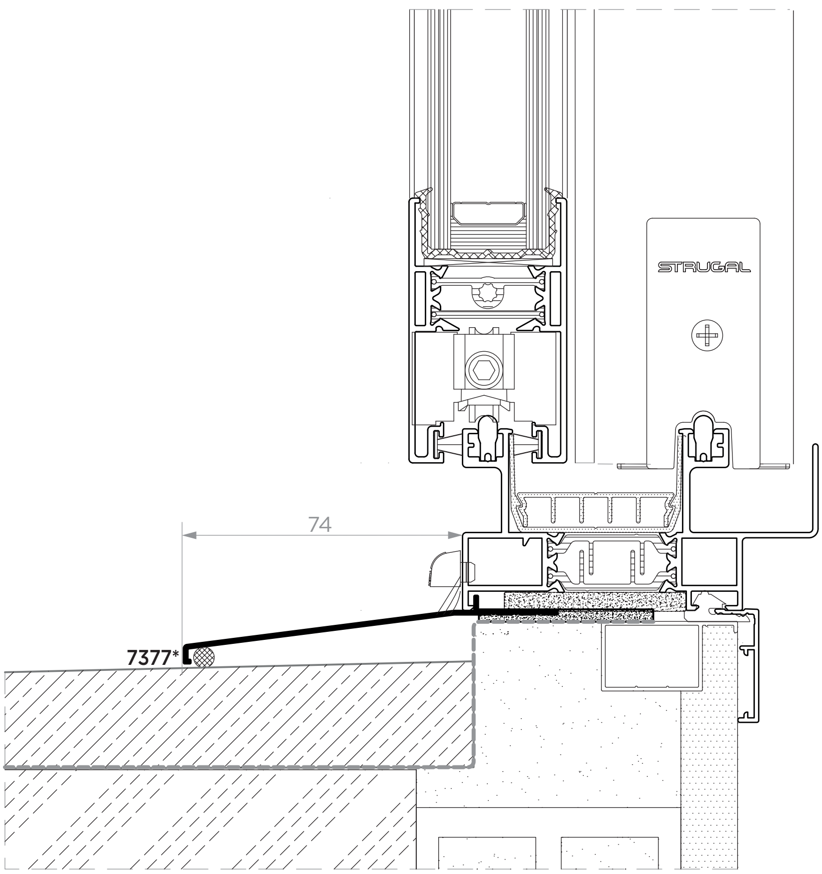




1:2

Sección inferior baberos | Seçao inferior baberos | Section inférieure profils d'habillage | Bottom section edgings





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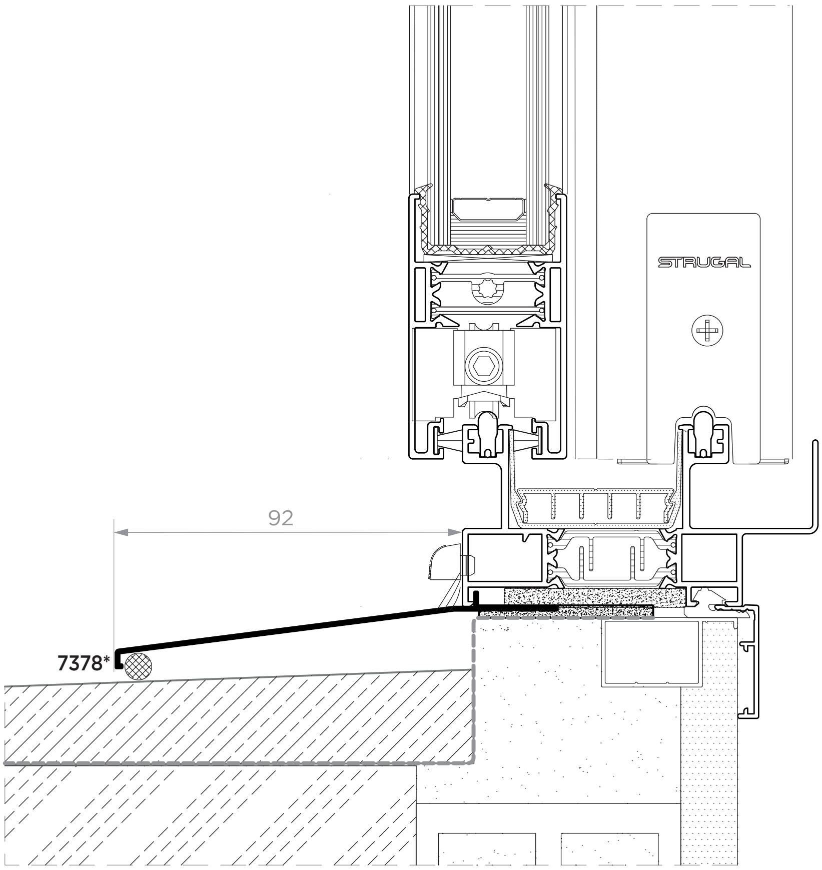
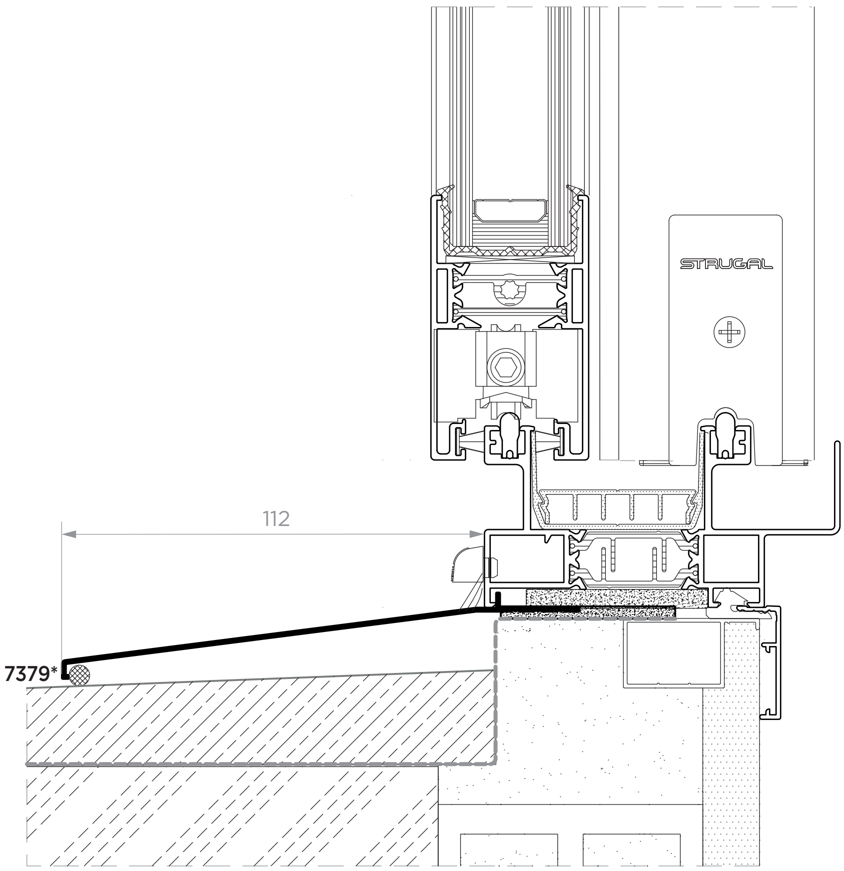
Sección inferior baberos | Seçao inferior baberos | Section inférieure profils d'habillage | Bottom section edgings





1:2

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