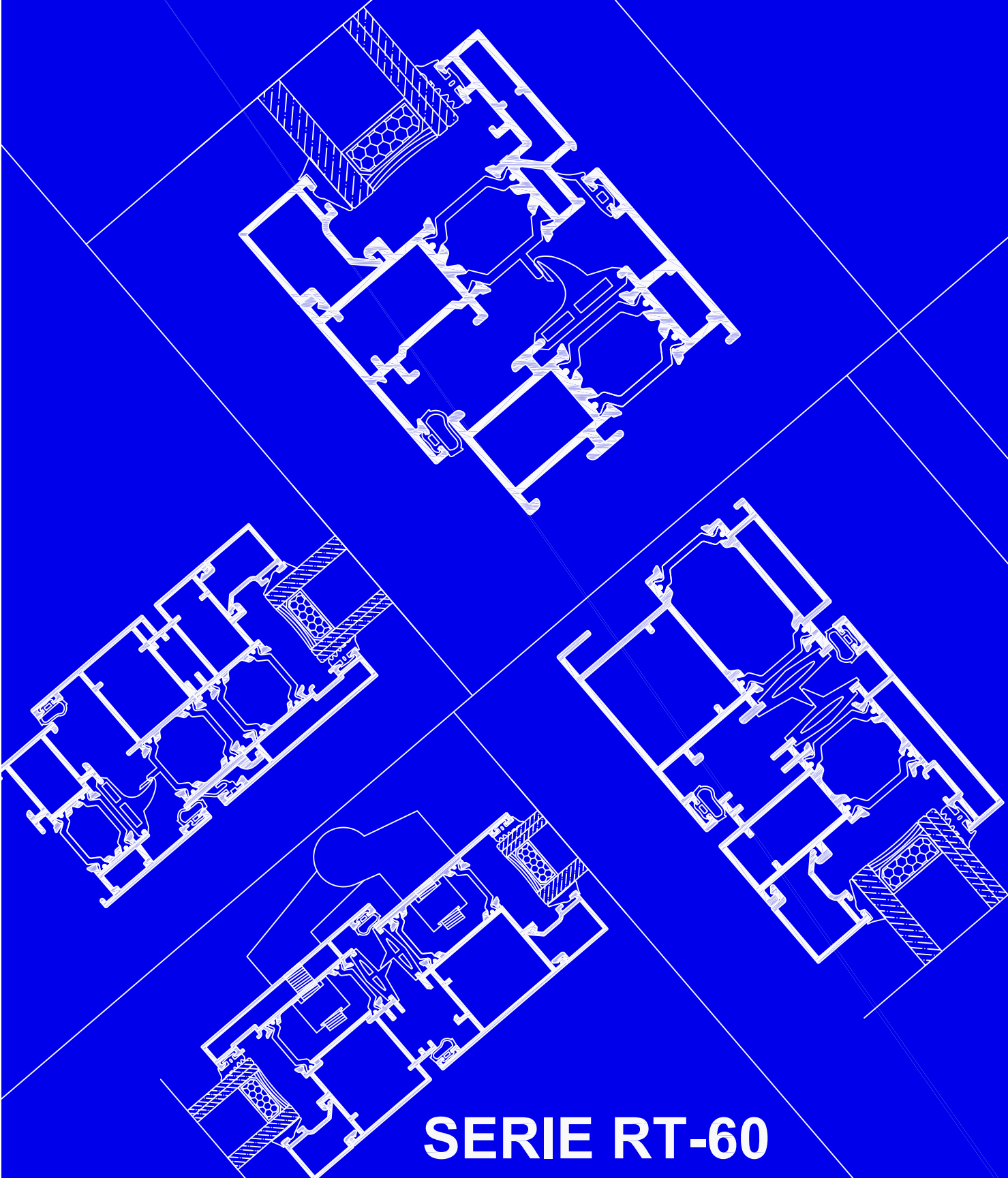
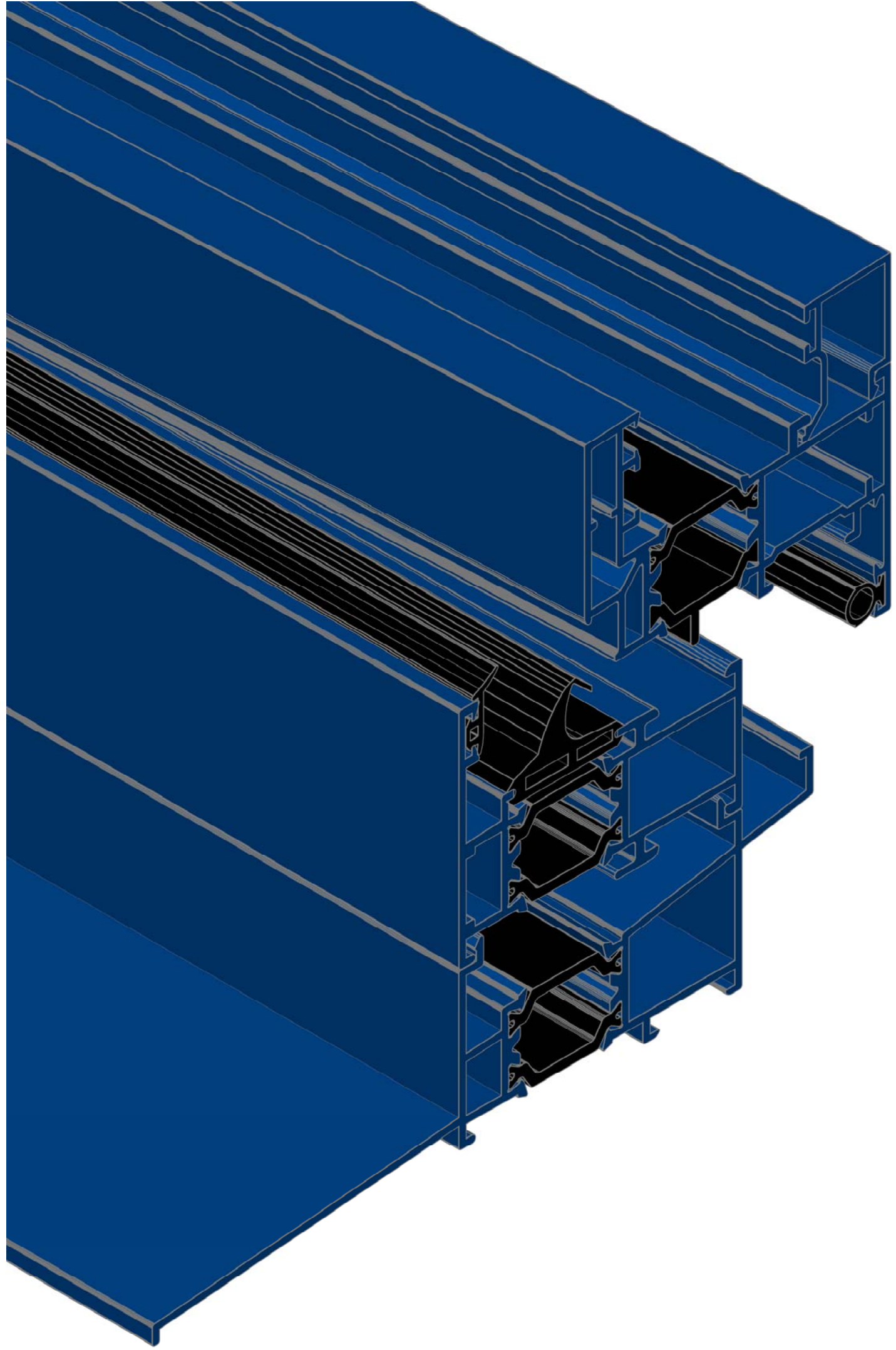
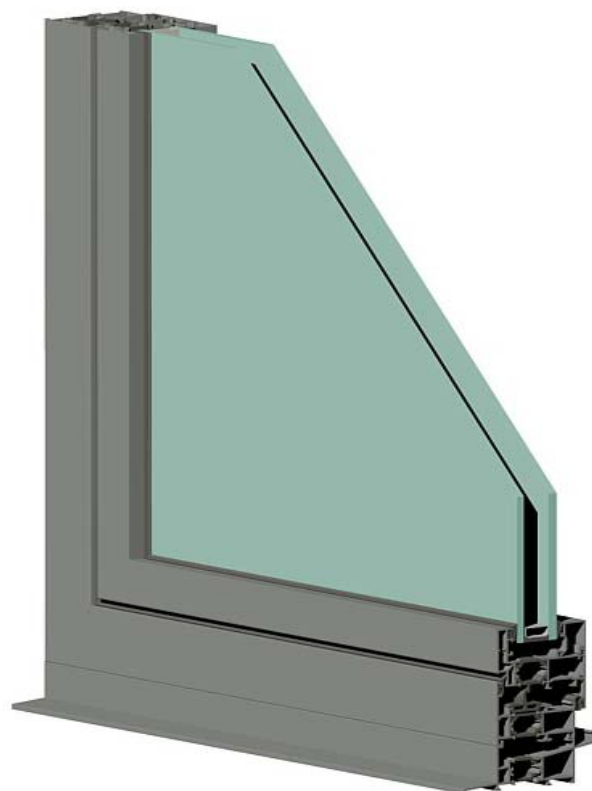




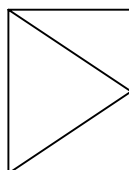
SERIE RT-60



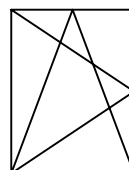


Posibilidades de apertura:

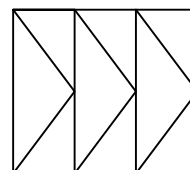
Apertura interior:



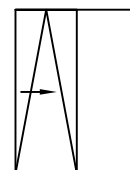
Practicable



Oscilobatiente

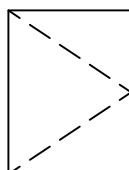


Plegable



Oscilo-Paralela

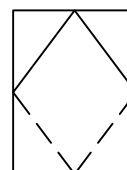
Apertura exterior:



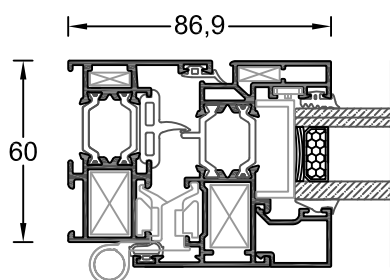
Practicable



Proyectante
deslizante



Pivotante



CLASIFICACION SEGUN NORMAS UNE:

Probeta 1230x1480 en dos hojas:

- Permeabilidad al aire (UNE-EN 1026): Clase 4 (UNE-EN 12207)
- Estanqueidad al agua (UNE-EN 1027): Clase E1200 (UNE-EN 12208)
- Resistencia al viento (UNE-EN 12211): Clase C5 (UNE-EN 12210)

Momentos de inercia:

Perfil: Referencia: Inercias (cm⁴)

	60-1	$I_x = 4,238$ $I_y = 18,888$
	60-14	$I_x = 12,852$ $I_y = 24,477$
	60-30	$I_x = 5,702$ $I_y = 33,128$
	60-31	$I_x = 18,228$ $I_y = 46,935$
	60-3	$I_x = 6,105$ $I_y = 20,578$
	60-4	$I_x = 7,79$ $I_y = 19,777$
	60-13	$I_x = 19,444$ $I_y = 25,267$

Descripción del sistema:

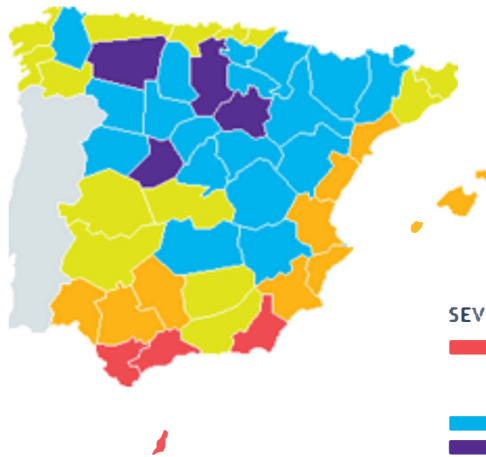
- Marco 60 mm.
- Hoja 68 mm. (curvas y rectas).
- Perfiles de aluminio extruido EN_6060 (EN573-3 EN755-2)
- Tolerancias dimensionales y espesores EN-120 20.2
- Poliamidas de 24 mm (6.6 + Refuerzo 25% fibra de vidrio)
- Espesor máximo de acristalado 52 mm.
- Cámara Europea.
- Estanqueidad: perfiles E.P.D.M.

Acabados:

- Lacado imitación madera.
- Lacado colores.
- Anodizado.
- Bicolores.
- Acabados realizados según normas QUALANOD Y QUALICOAT.

Aislamiento Térmico:

El recientemente aprobado CÓDIGO TÉCNICO DE LA EDIFICACIÓN, en sus apartados Documento Básico HE (DB) y Documento Básico HR tienen por objeto establecer reglas y procedimientos que permiten cumplir las exigencias básicas de ahorro de energía y reducción del ruido exterior. Las secciones de estos documentos se corresponden a los sistemas de carpintería y cerramientos como nuestro sistema RT-60 cuyas características técnicas se muestran aquí.



SEVERIDAD CLIMÁTICA DE INVIERNO

ZONA A	5,70 *
ZONA B	5,70 *
ZONA C	4,40 *
ZONA D	3,50 *
ZONA E	3,10 *

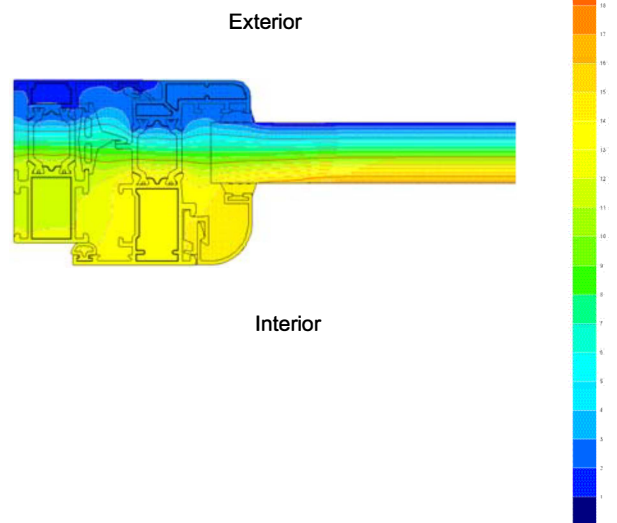


Valor medio de la transmitancia del hueco.
Zona climática de la capital de provincia.

Coeficiente carpintería:

U_w desde 1,0 W/m² K

Isotermas



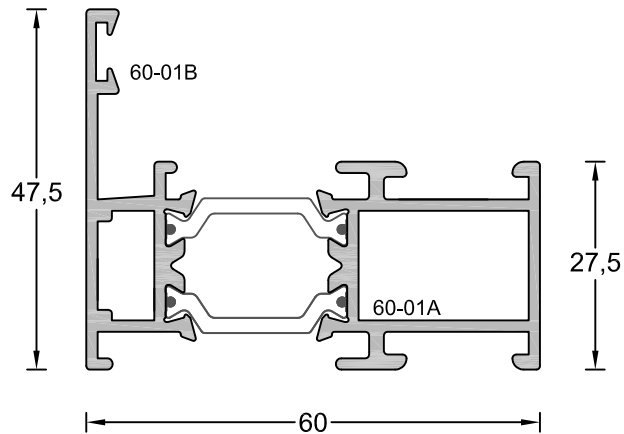
Aislamiento Acústico:

$$R_w (C;C_{tr}) = 34 (-2;-6) \text{ dB}^{(1)}$$

(1) Dato obtenido a partir del ensayo de una ventana de 1230x1480 mm abatible de giro vertical y horizontal inferior practicable al interior de dos hojas derecha, utilizando un vidrio 4 / 12 / 4.

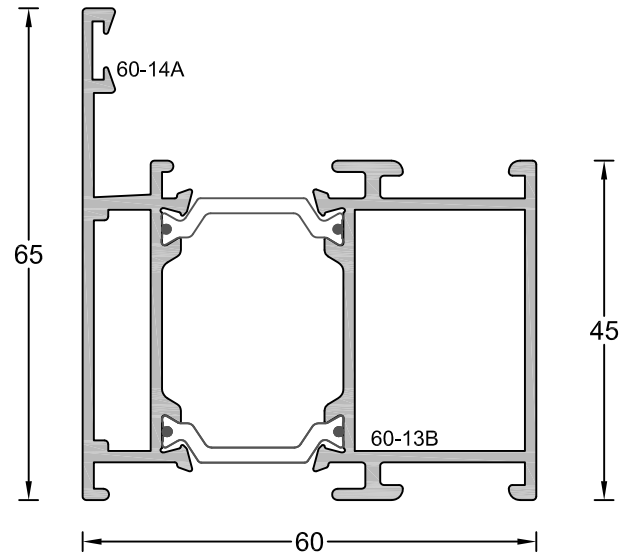
60-1

Marco ventana



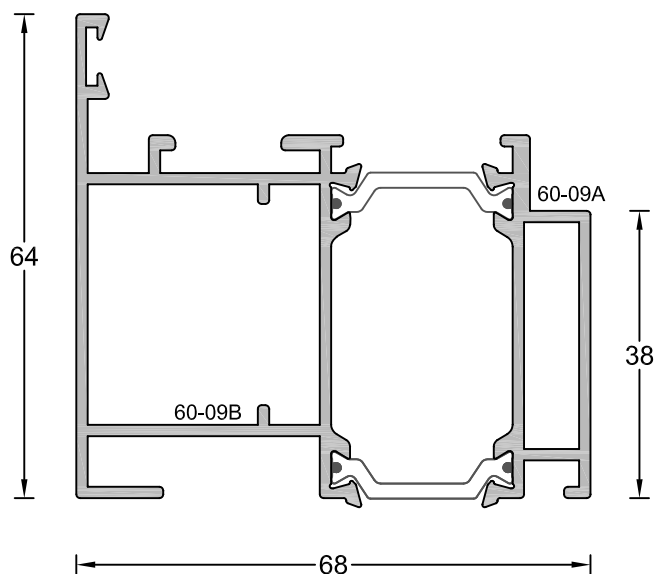
60-14

Marco puerta



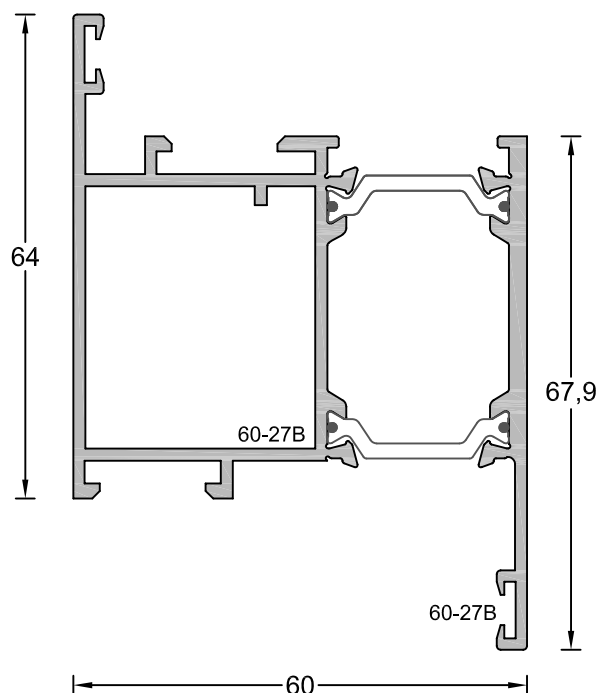
60-09

Marco apertura exterior



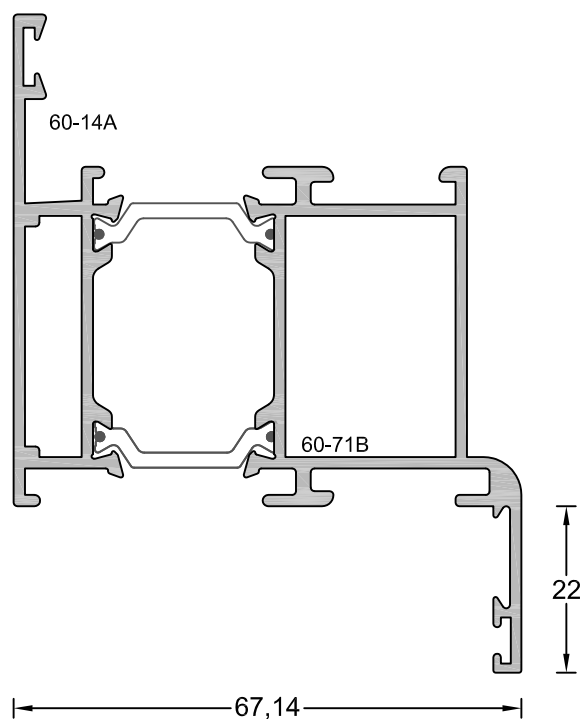
60-27

Marco apertura exterior para fijo



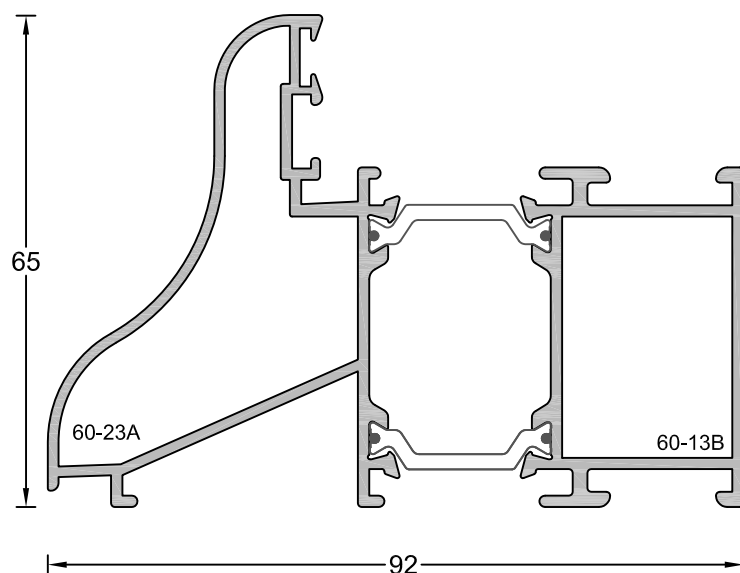
60-71

Marco solape



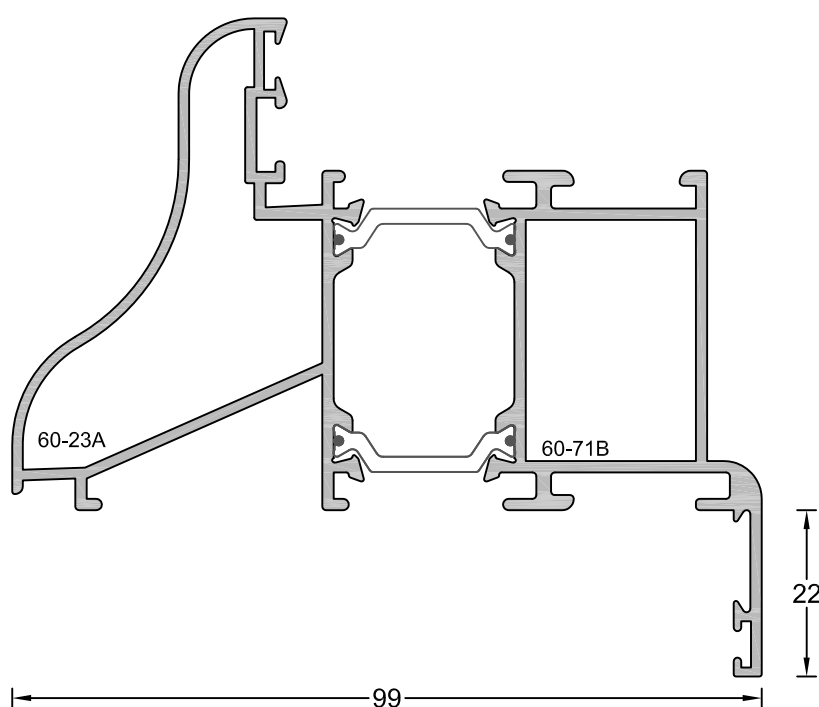
60-23

Marco rústico

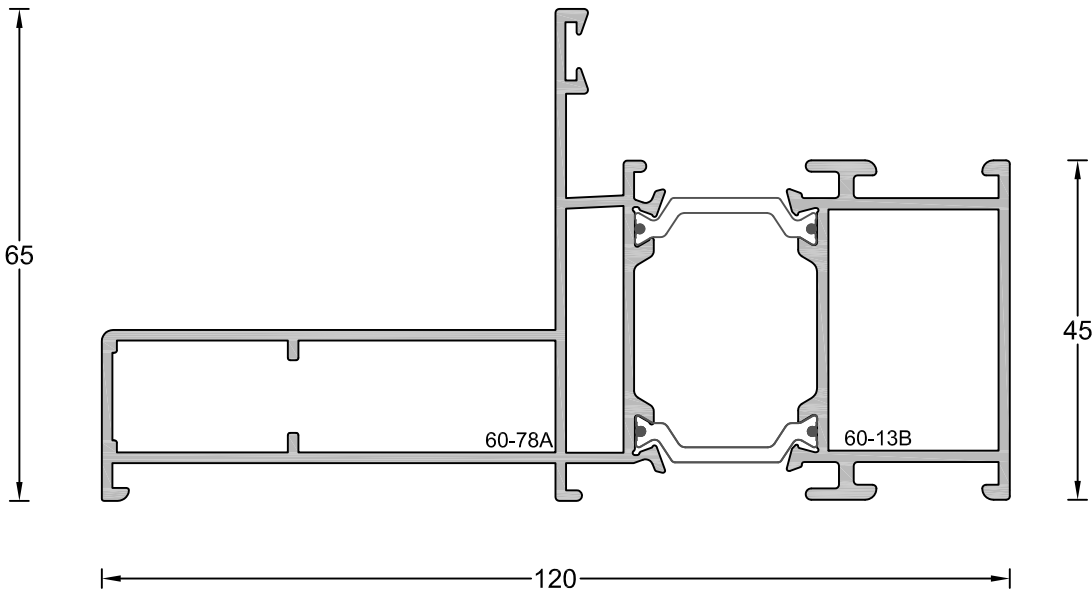


60-72

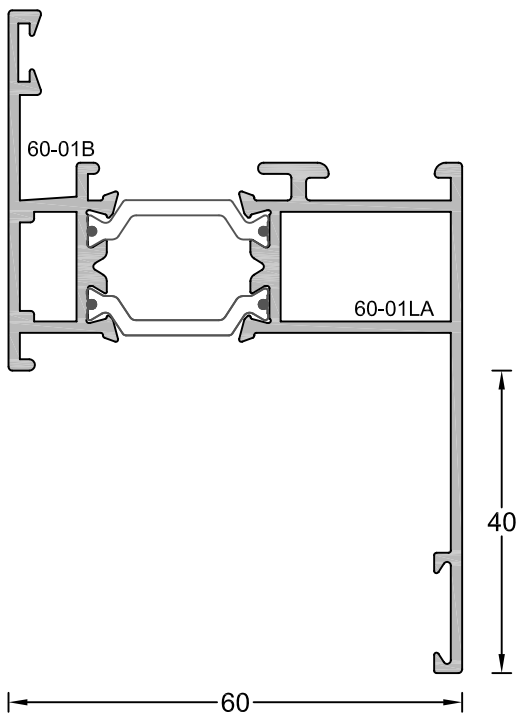
Marco hoja rústico solape



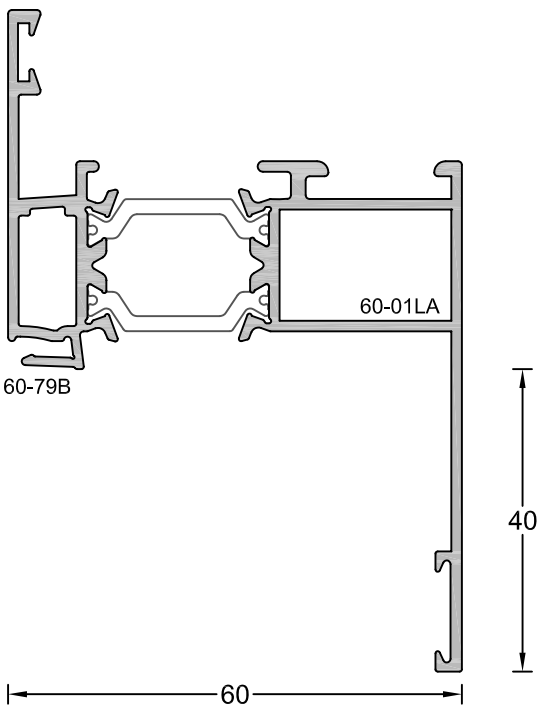
60-78 Marco puerta 120 MM



60-01 L Marco ventana

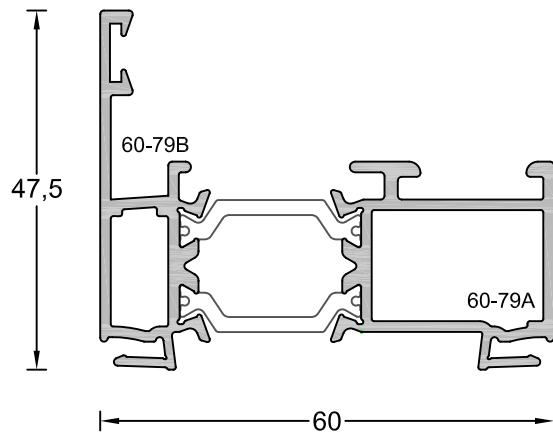


60-82 Marco ventana



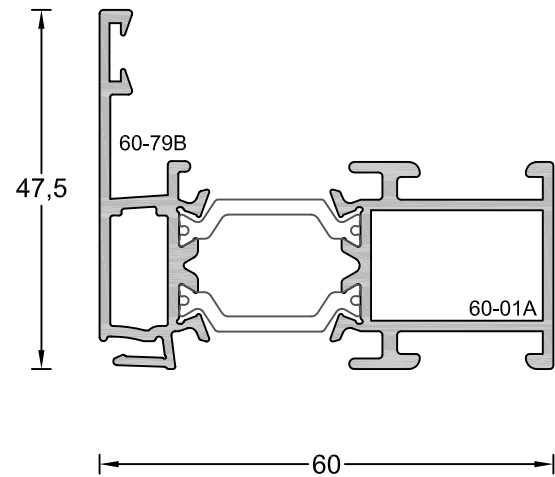
60-79

Marco ventana



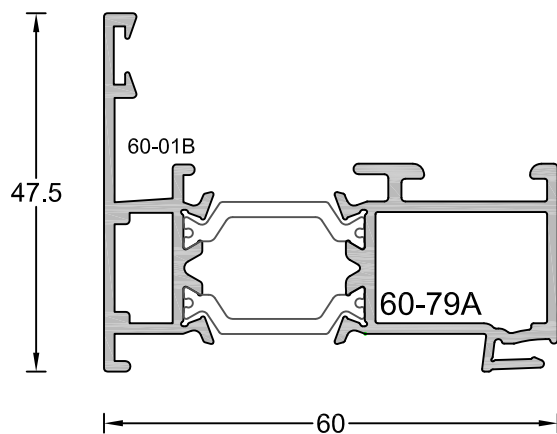
60-80

Marco ventana

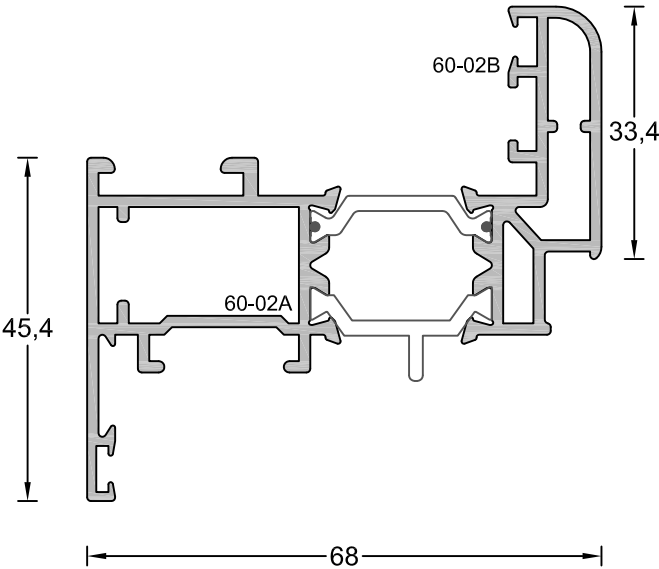


60-81

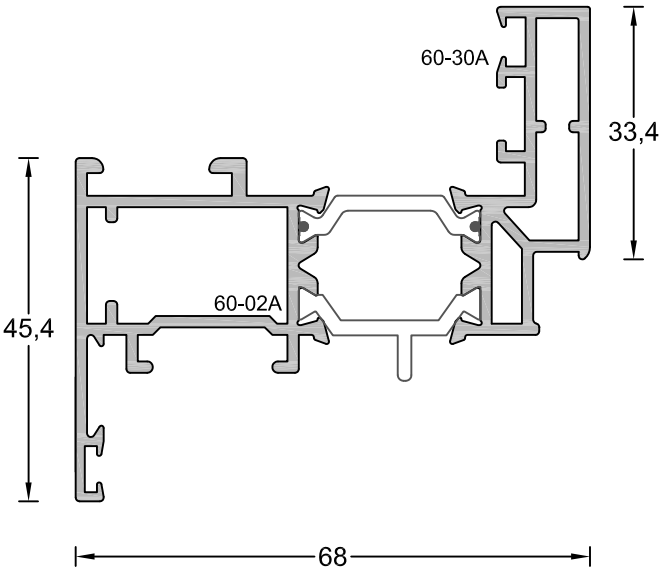
Marco ventana



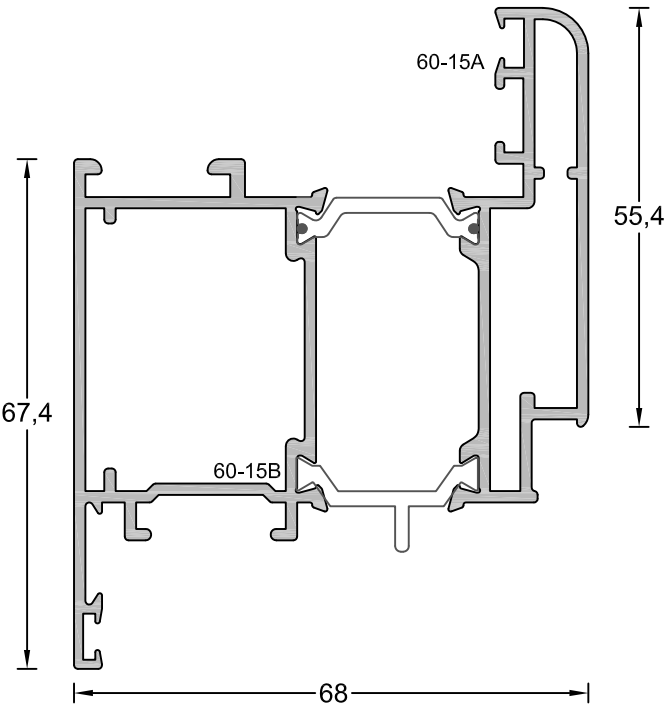
60-2 Hoja ventana



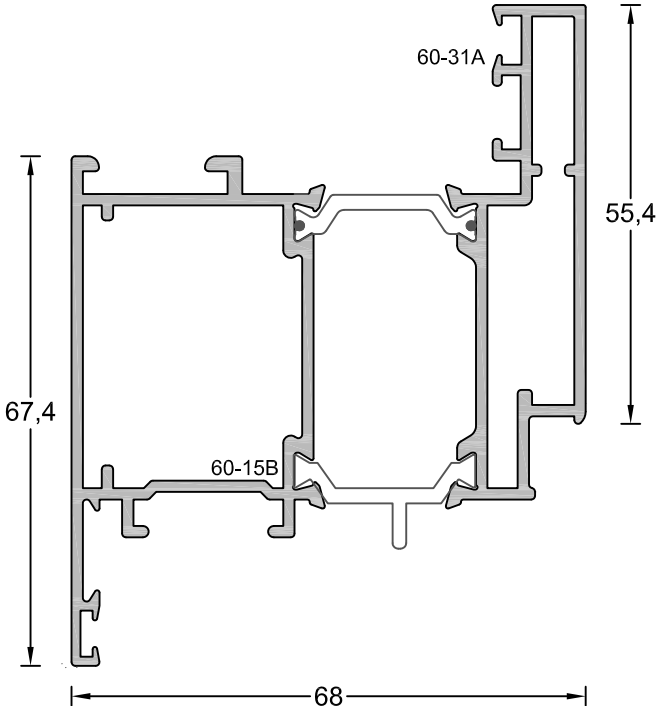
60-30 Hoja de ventana recta



60-15 Hoja puerta

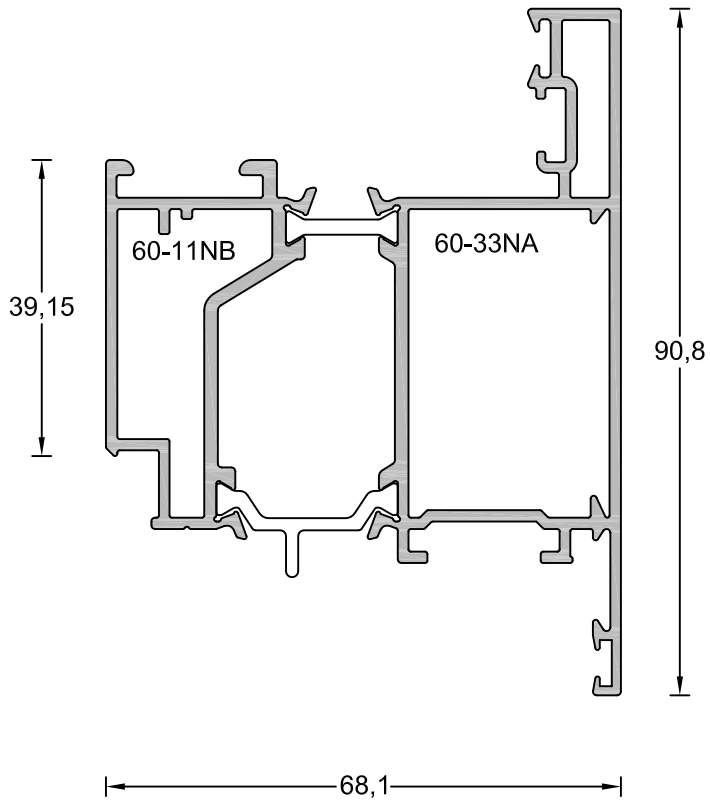


60-31 Hoja puerta recta



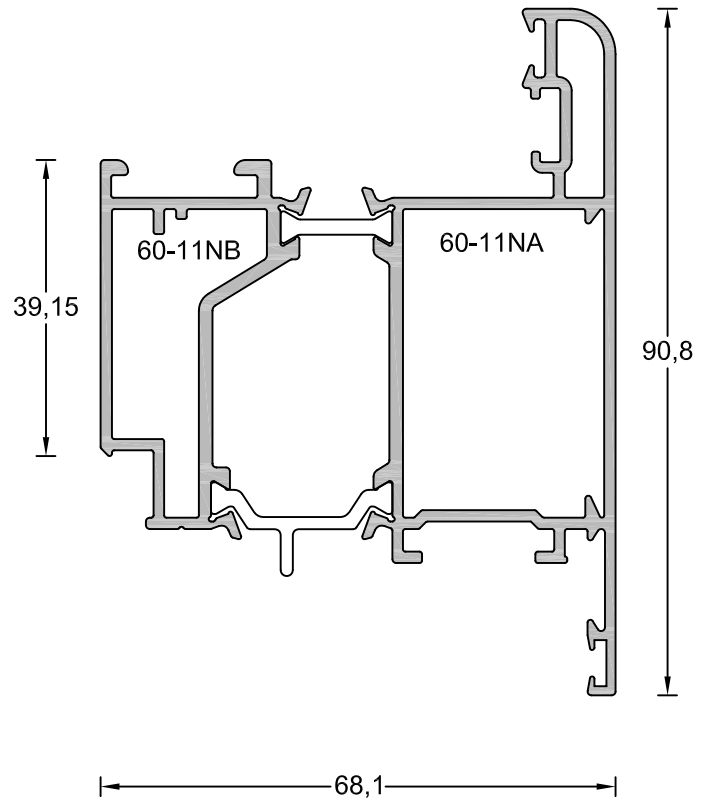
60-33N

Hoja puerta ap. exterior

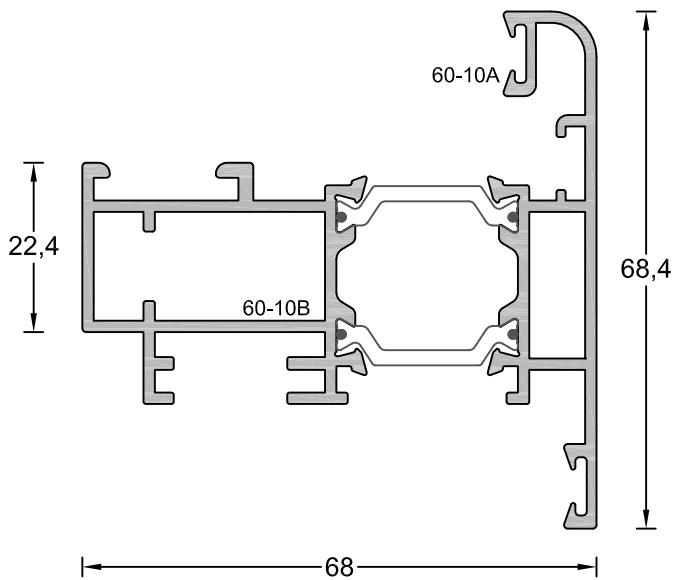


60-11N

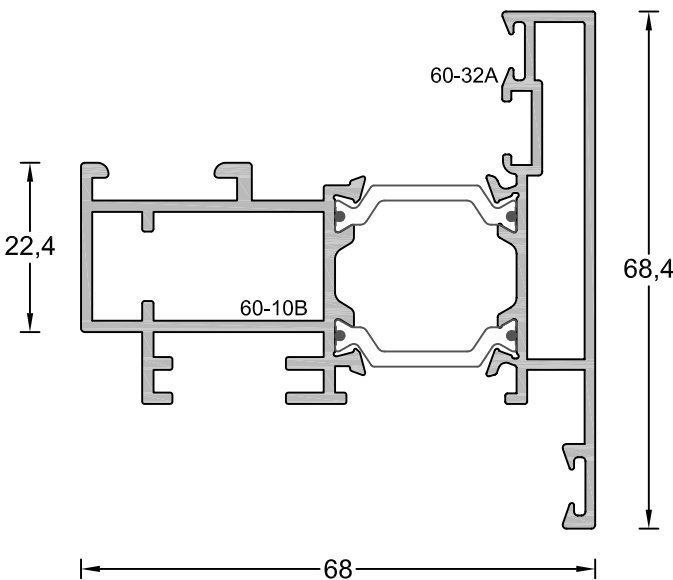
Hoja puerta ap. exterior



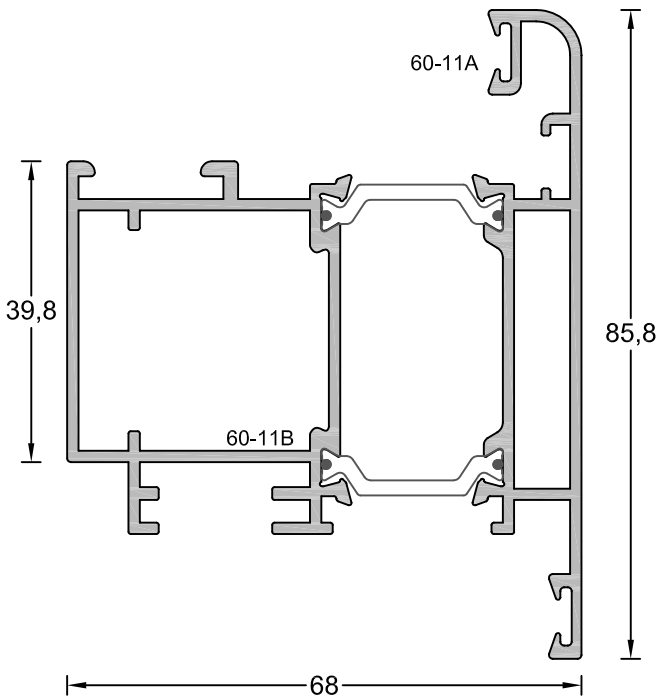
60-10 Hoja ventana ap. exterior



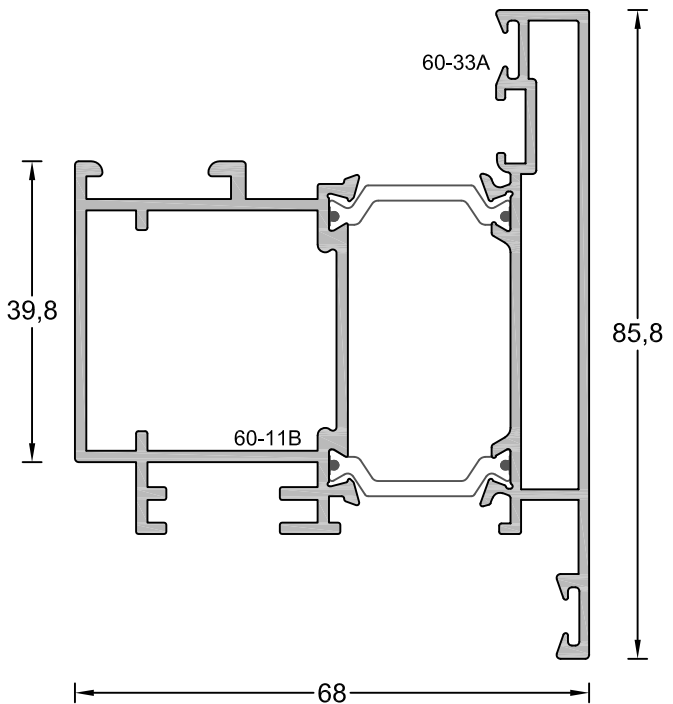
60-32 Hoja ventana ap. exterior recta



60-11 Hoja puerta ap. ext.

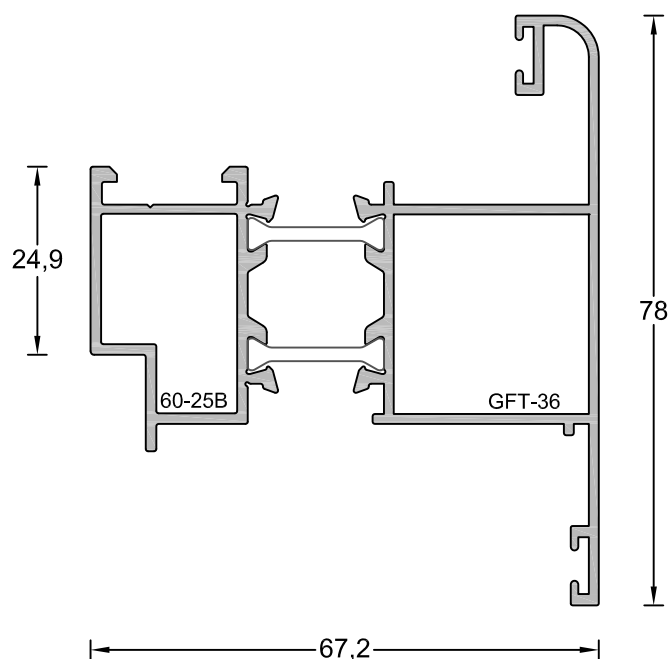


60-33 Hoja puerta ap.ext. recta



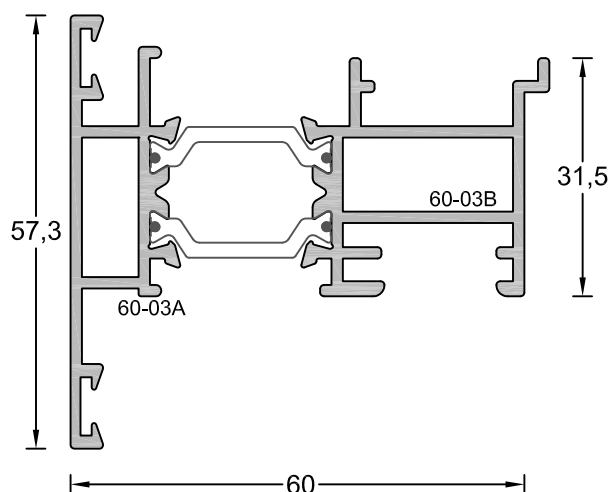
60-25

Hoja proyectante.



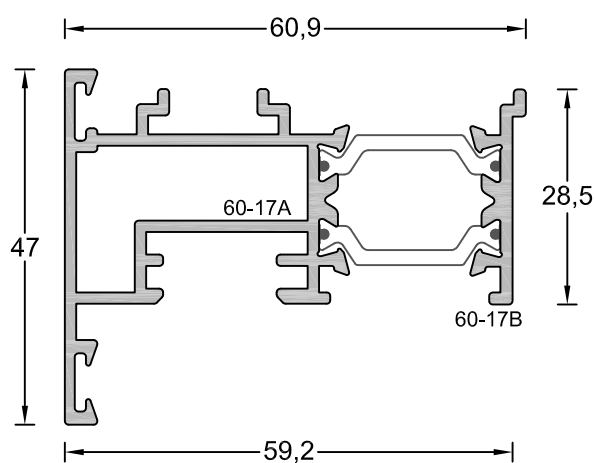
60-3

Inversor



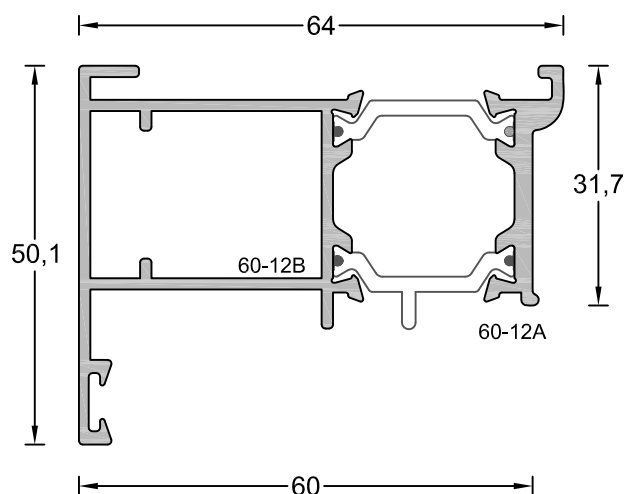
60-17

Inversor apertura exterior



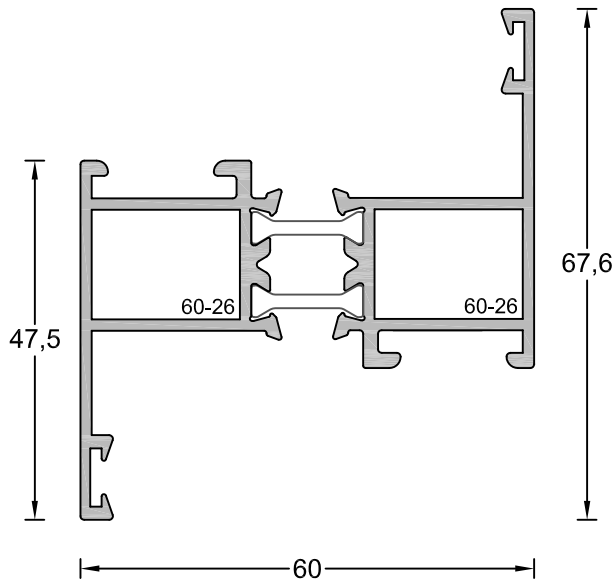
60-12

Perfil inversor pivotante



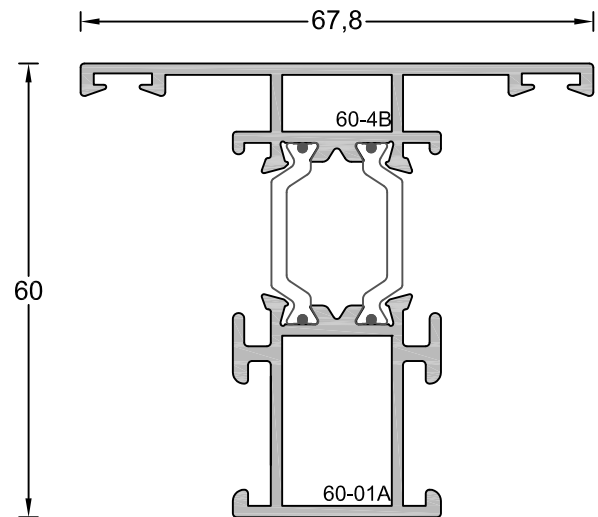
60-26

Perfil inversor



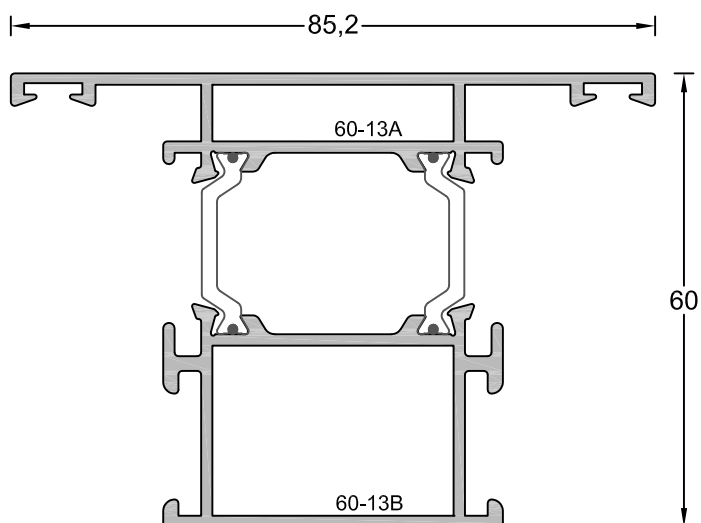
60-04

Zanca ventana



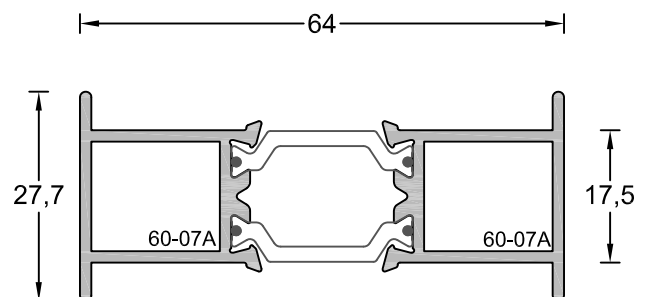
60-13

Zanca puerta



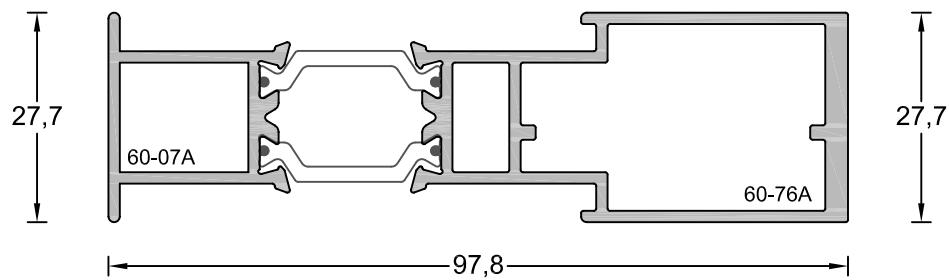
60-07

Unión marcos



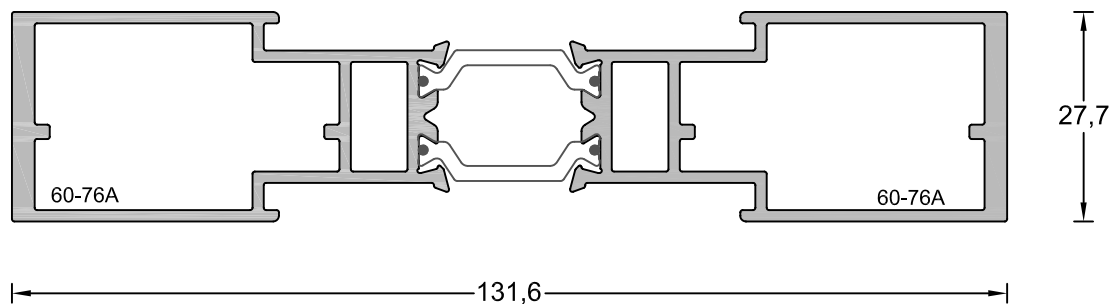
60-76

Unión con refuerzo doble

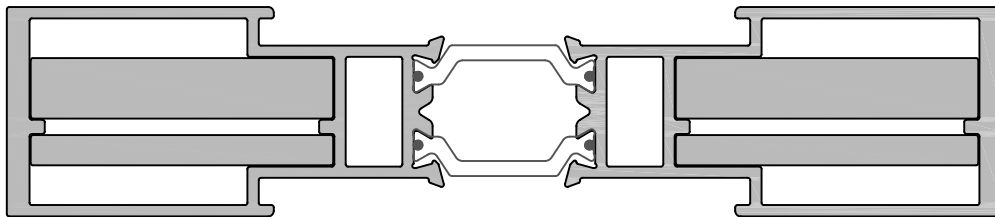


60-76/2

Unión con refuerzo doble

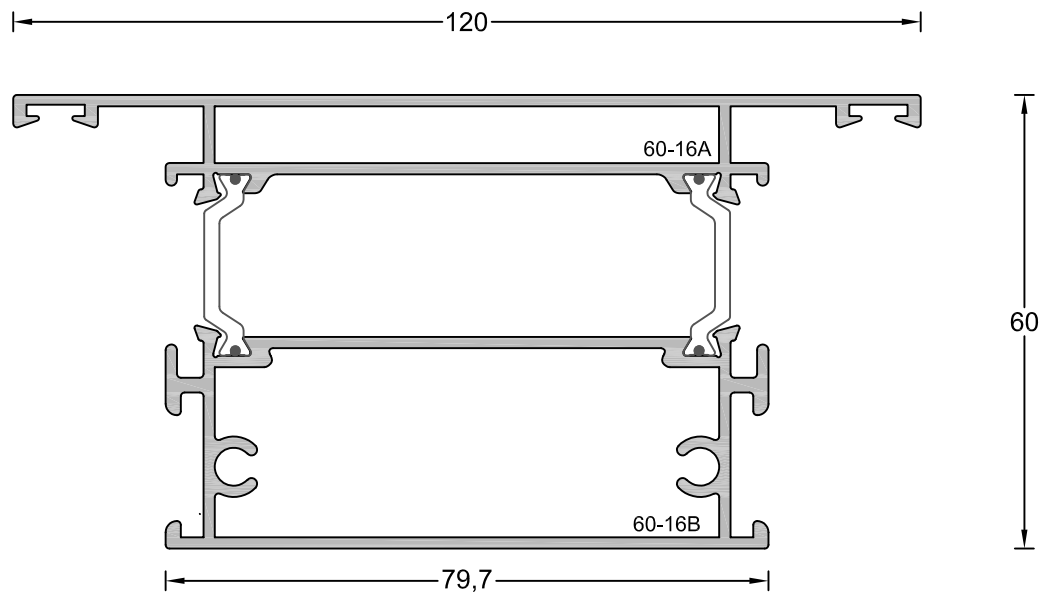


60-76/2 + 2 P40X4 + 2 P40X8



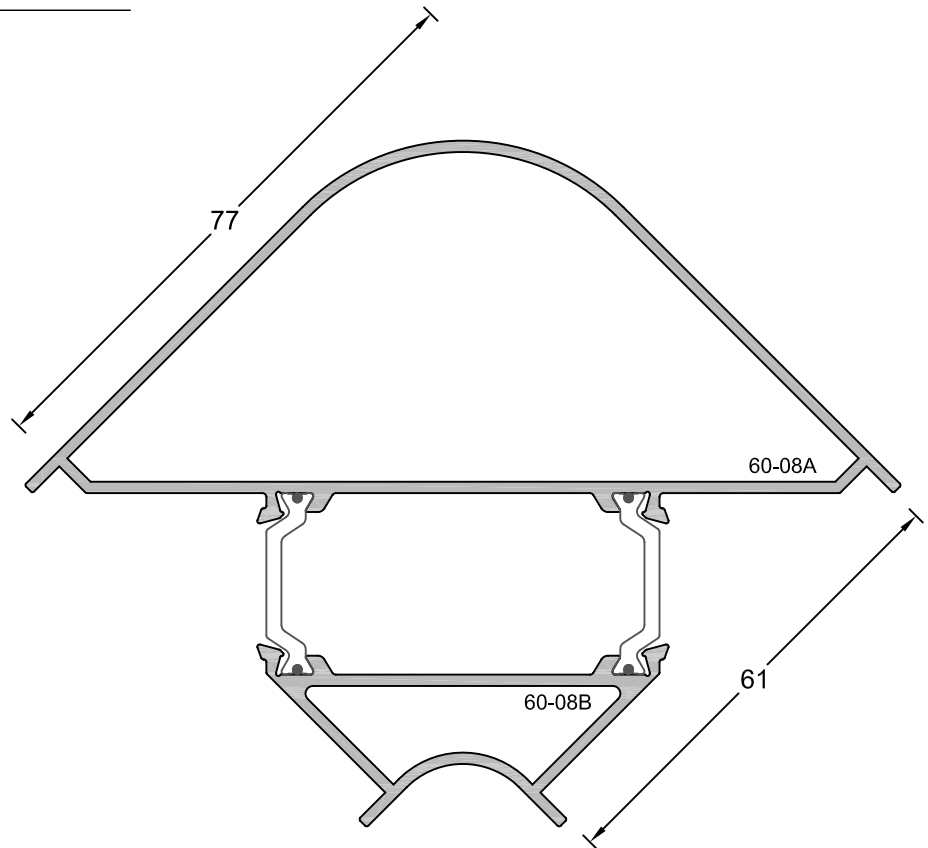
60-16

Zócalo



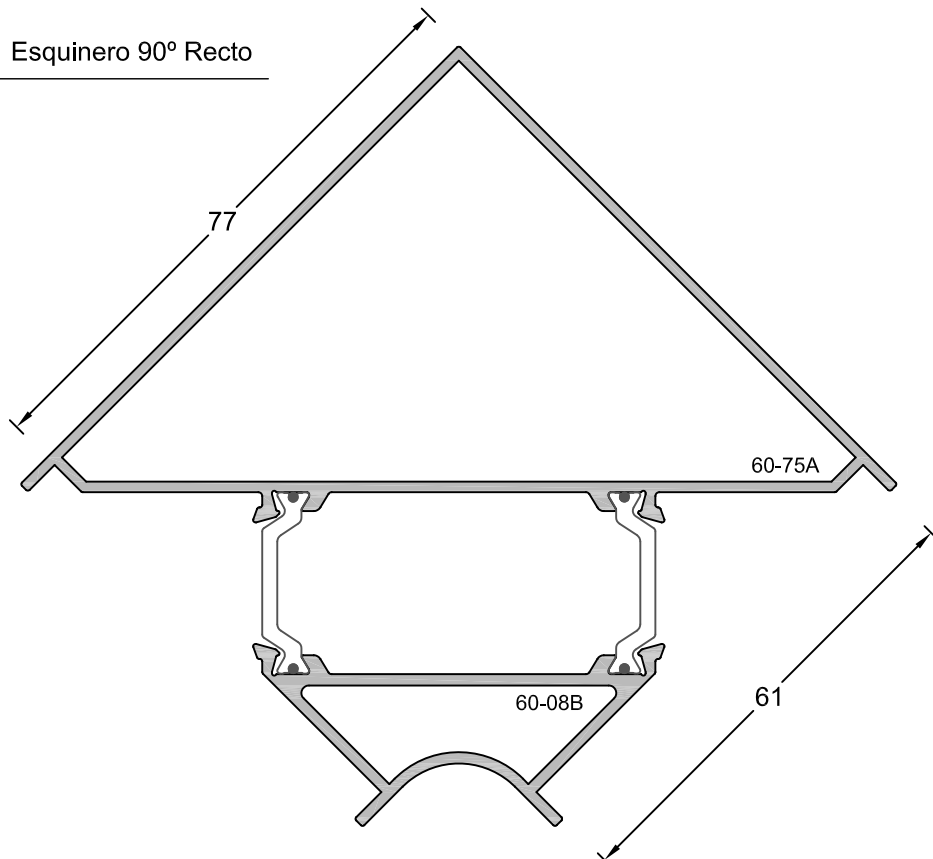
60-08

Esquinero 90°



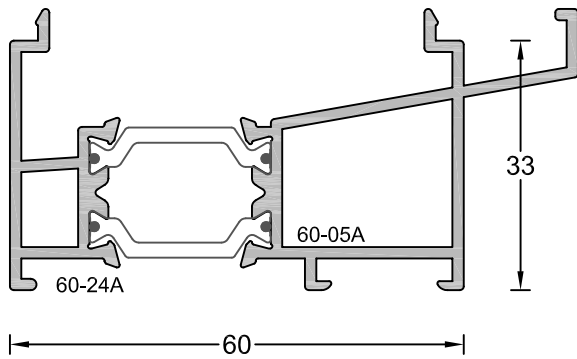
60-75

Esquinero 90° Recto



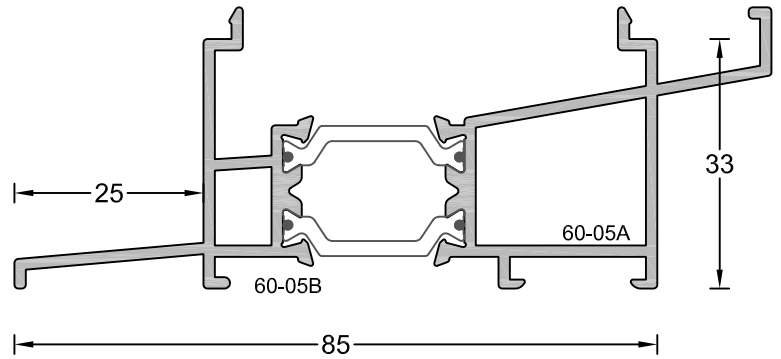
60-24

Condensación



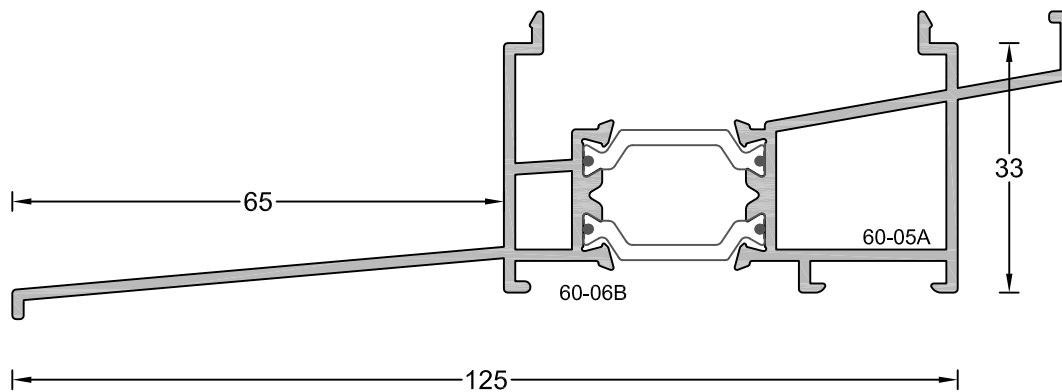
60-5

Condensación



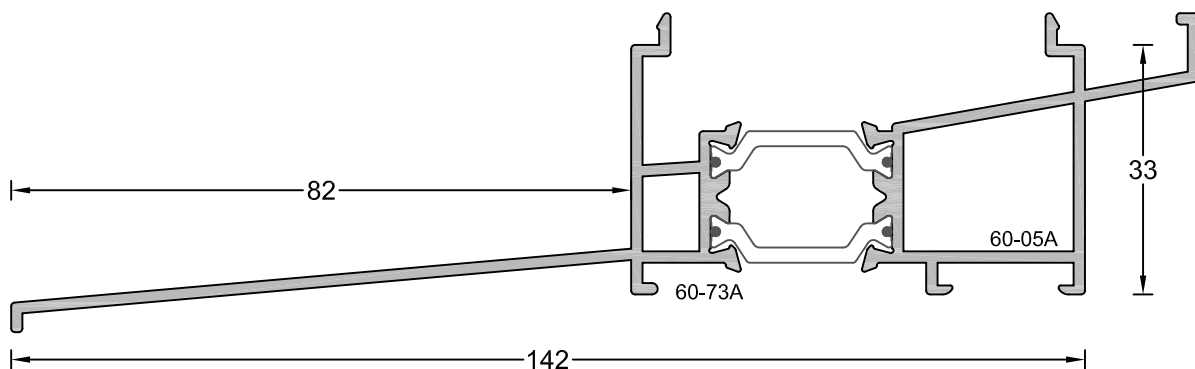
60-06

Condensación



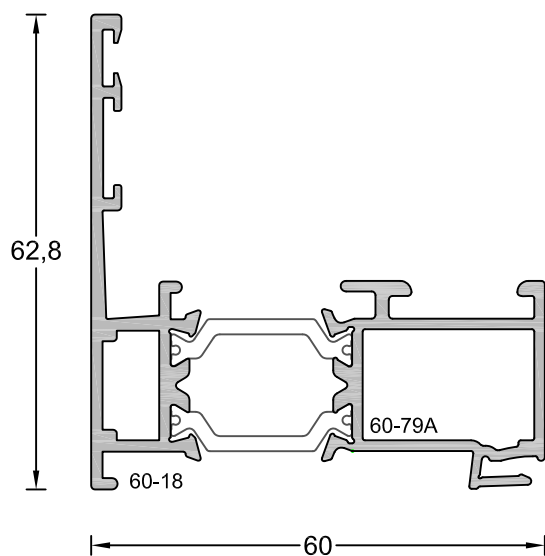
60-73

Condensación



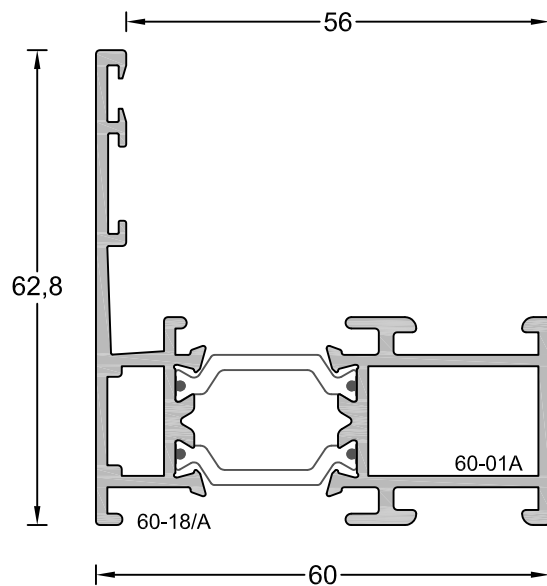
60-84

Marco hoja oculta



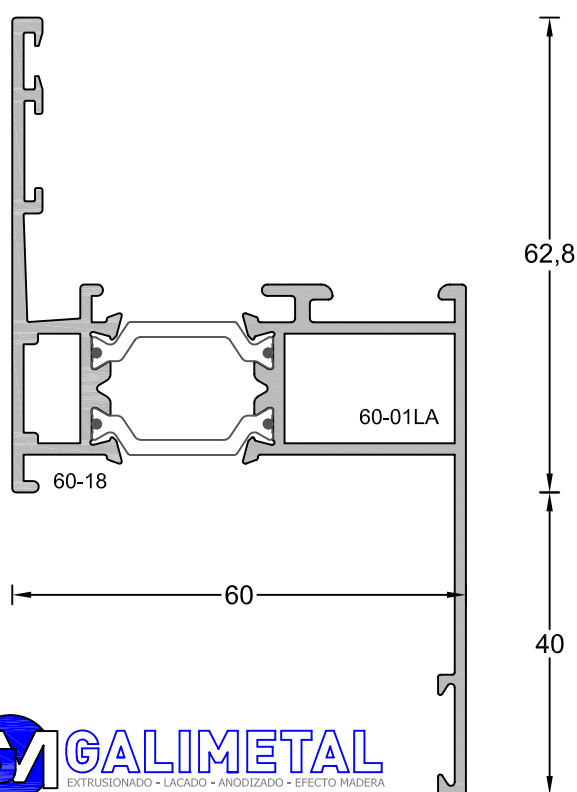
60-18

Marco hoja oculta



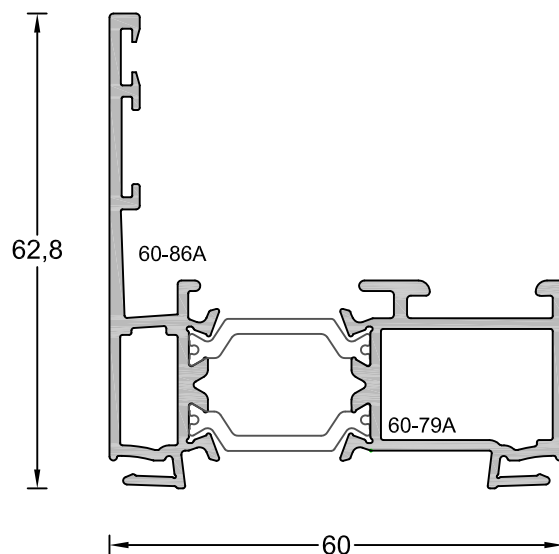
60-18L

Marco hoja oculta

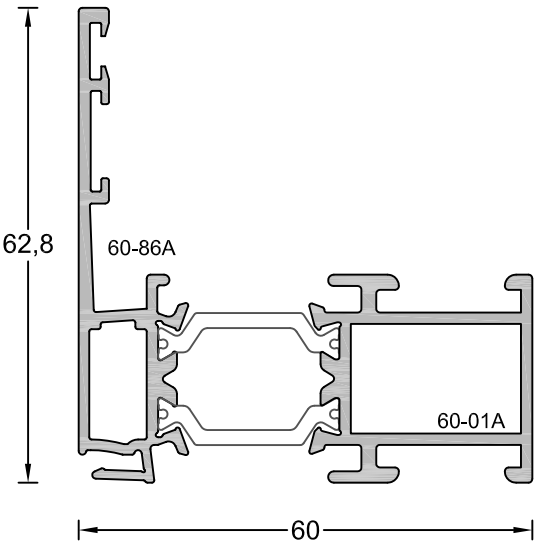


60-86

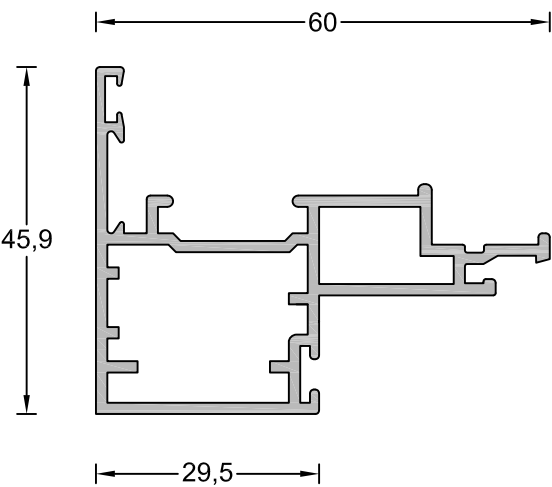
Marco hoja oculta



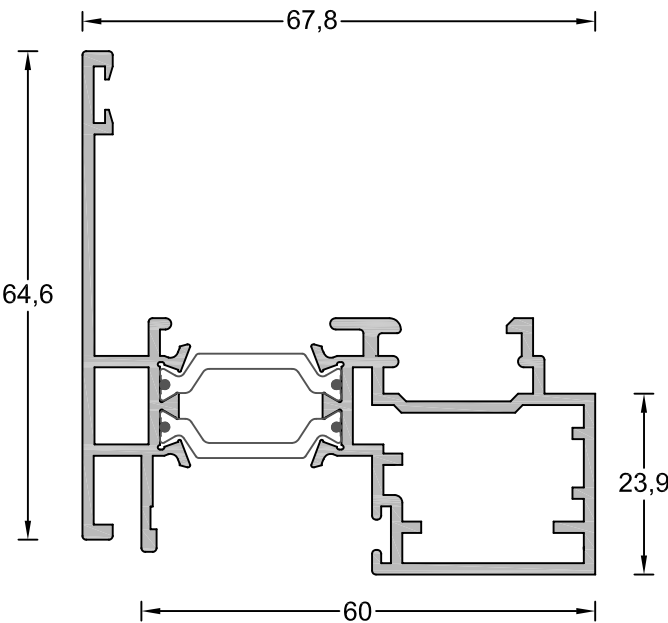
60-87 Marco hoja oculta



60-21 Hoja oculta

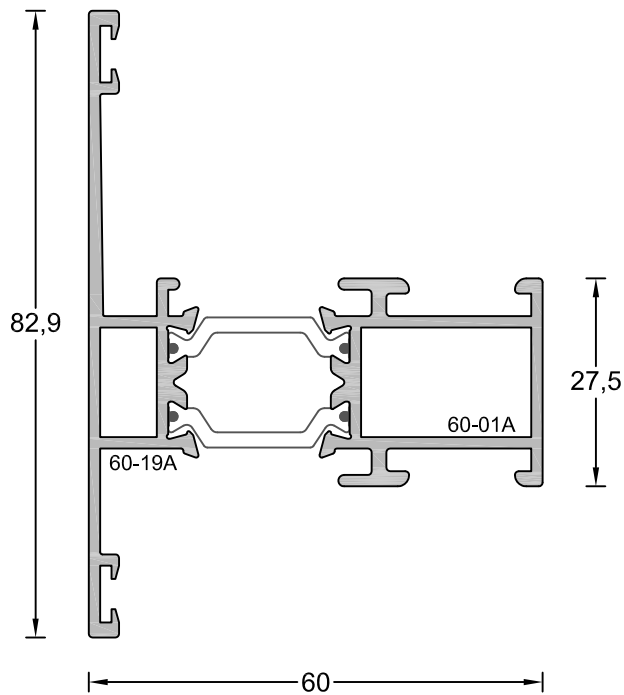


60-74 Hoja central



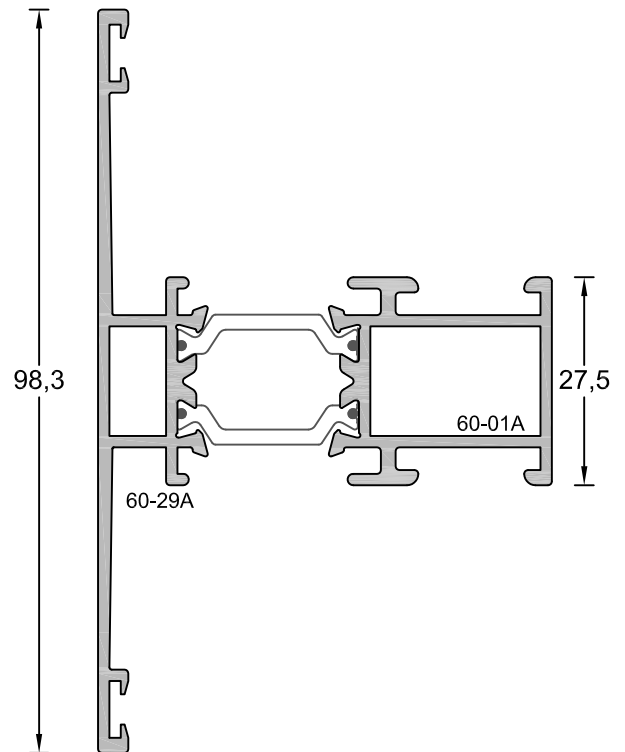
60-19

Zanca hoja oculta



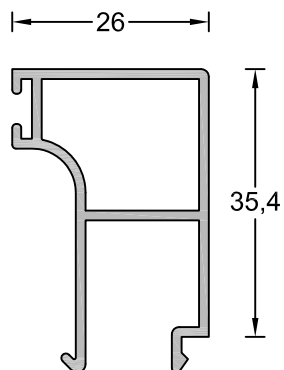
60-29

Zanca hoja oculta



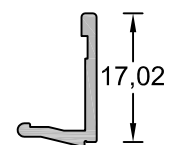
60-20

Junquillo marco hoja oculta



60-22

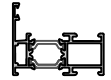
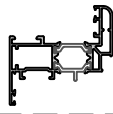
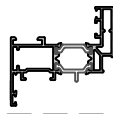
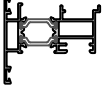
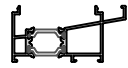
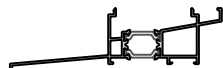
Junquillo hoja oculta



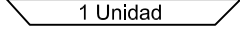
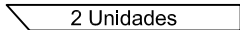
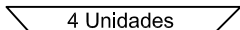
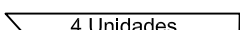
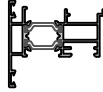
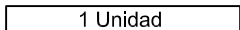
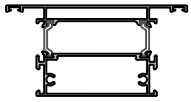
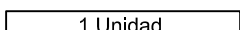
Referencia	Diseño	Descripción
GFT-35		Junquillo redondo grapa 12 mm
GFT-34		Junquillo clip redondo 12 mm
GFT-25		Junquillo redondo grapa 19 mm
GFT-32		Junquillo clip redondo 19 mm
GFT-26		Junquillo redondo grapa 26 mm
GFT-33		Junquillo clip redondo 26 mm
GFT-42		Junquillo redondo grapa 33 mm
GFT-43		Junquillo clip redondo 33 mm
GFT-51		Junquillo recto 4 mm
GFT-20		Junquillo recto 12 mm
GFT-44		Junquillo recto 16 mm
GFT-21		Junquillo recto 19 mm
GFT-22		Junquillo recto 26 mm
GFT-23		Junquillo recto 33 mm
GFT-24		Junquillo recto 38 mm

Huecos para cristal según junquillo						
17 mm	22 mm	29 mm	36 mm	39 mm	43 mm	51 mm
GFT-24 	GFT-23 	GFT-22 	GFT-21 	GFT-44 	GFT-20 	GFT-51 
	GFT-42 	GFT-26 	GFT-25 		GFT-35 	
	GFT-43 	GFT-33 	GFT-32 		GFT-34 	

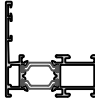
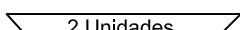
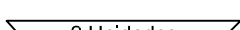
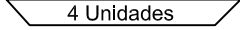
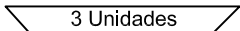
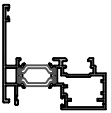
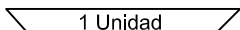
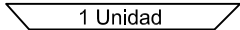
Nota: L = Ancho ventana, H = Alto ventana

Descuentos para ventana 2 hojas apertura interior			
Perfil	Descripción	Medidas	Unidades y Forma
	Marco	L H - 33	2 Unidades 2 Unidades
 	Hoja	L/2 - 25 H - 77	4 Unidades 4 Unidades
	Inversor	H - 144	1 Unidad
 	Condensación	L	1 Unidad

Nota: L = Ancho ventana, H = Alto ventana, S = Separación que se quiera dejar con el suelo.

Descuentos para puerta 2 hojas apertura interior			
Perfil	Descripción	Medidas	Unidades y Forma
	Marco	L H	 1 Unidad
			 2 Unidades
	Hoja	L/2 - 41 H - 46 - S	 4 Unidades
			 4 Unidades
	Inversor	H - 46 - S	 1 Unidad
	Zócalo	L/2 - 166	 1 Unidad

Nota: L = Ancho ventana, H = Alto ventana

Descuentos para ventana 2 hojas RT-60 Hoja Oculta			
Perfil	Descripción	Medidas	Unidades y Forma
	Marco	L H - 33	 2 Unidades
			 2 Unidades
	Hoja	L/2 - 14 H - 77	 4 Unidades
			 3 Unidades
	Hoja Central	H - 30	 1 Unidad
	Condensación	L	 1 Unidad

Los descuentos que se incluyen son orientativos. Se recomienda expresamente que proceda a una comprobación previa por parte del cliente.

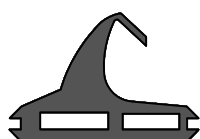


CÓDIGO: **0803040004**

DESCRIPCIÓN: JBE-RT60. Junta batiente exterior

COLOR: **Negro** MATERIAL: **EPDM** UNID.VENTA: **Rollo**

APLICACIÓN: Junta batiente exterior para colocar en marco.



CÓDIGO: **0803040001**

DESCRIPCIÓN: JC-RT60. Junta central RT-60

COLOR: **Negro** MATERIAL: **EPDM** UNID.VENTA: **Rollo**

APLICACIÓN: Junta central para Serie RT-60



CÓDIGO: **0803050002**

DESCRIPCIÓN: JBI-EX. Junta batiente interior

COLOR: **Negro** MATERIAL: **--** UNID.VENTA: **Rollo**

APLICACIÓN: Junta batiente interior para colocar en hoja.

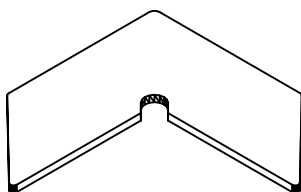


CÓDIGO: **0803040009**

DESCRIPCIÓN: JC-AP. Junta central apertura exterior RT60

COLOR: **Negro** MATERIAL: **EPDM** UNID.VENTA: **Rollo**

APLICACIÓN: Junta central para apertura exterior.



CÓDIGO: **0708090001**

DESCRIPCIÓN: ALG-03. Escuadra alineamiento INOX

COLOR: **Inox** MATERIAL: **INOX** UNID.VENTA: **Unidad**

APLICACIÓN: Escuadra alineamiento en hoja

CÓDIGO: **1103170003**

DESCRIPCIÓN: Tapa condensación

COLOR: Negro MATERIAL: -- UNID.VENTA: Bolsa

APLICACIÓN: Juego de tapas para condensación.



CÓDIGO: **0901150001**

DESCRIPCIÓN: Taco inversor RT-60

COLOR: Negro MATERIAL: -- UNID.VENTA: Juego

APLICACIÓN: Taco inversor para 60-3



CÓDIGO: **1103170001**

DESCRIPCIÓN: Grapa Junquillo

COLOR: Negro MATERIAL: Nylon UNID.VENTA: Bolsa

APLICACIÓN: Grapa para junquillo

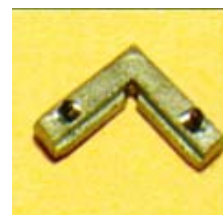


CÓDIGO: **0709090001**

DESCRIPCIÓN: Escuadra alineamiento Zamak.

COLOR: Zamak MATERIAL: Zamak UNID.VENTA: Unidad

APLICACIÓN: Escuadra alineamiento para colocar en hojas.



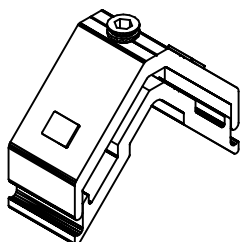
CÓDIGO: **0803150001**

DESCRIPCIÓN: JHO-2. Goma para hoja oculta

COLOR: Negro MATERIAL: EPDM UNID.VENTA: Rollo

APLICACIÓN: Goma para hoja oculta



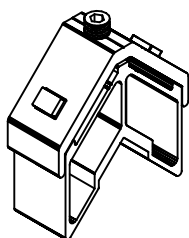


CÓDIGO: 0701070006

DESCRIPCIÓN: Escuadra 26-2214-C

COLOR: -- MATERIAL: Aluminio UNID.VENTA: Caja

APLICACIÓN: 60-1, 60-2, 60-10, 60-18, 60-21, 60-74, 60-30, 60-32.

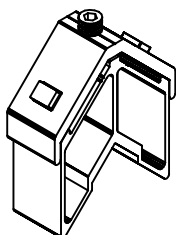


CÓDIGO: 0701070013

DESCRIPCIÓN: Escuadra 26-2231-C

COLOR: -- MATERIAL: Aluminio UNID.VENTA: Caja

APLICACIÓN: 60-14, 60-09, 60-11, 60-72, 60-71, 60-23, 60-33.

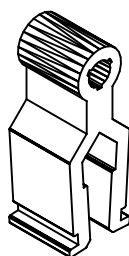


CÓDIGO: 0701070014

DESCRIPCIÓN: Escuadra 26-2236-C

COLOR: -- MATERIAL: Aluminio UNID.VENTA: Caja

APLICACIÓN: 60-15, 60-27, 60-31.

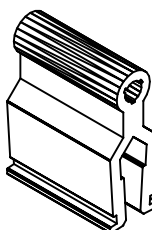


CÓDIGO: 0701070015

DESCRIPCIÓN: Tope 1418A

COLOR: -- MATERIAL: Aluminio UNID.VENTA: Caja

APLICACIÓN: 60-04

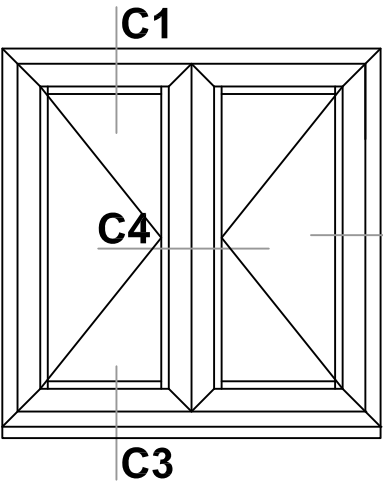


CÓDIGO: 0701070016

DESCRIPCIÓN: Tope 3118A

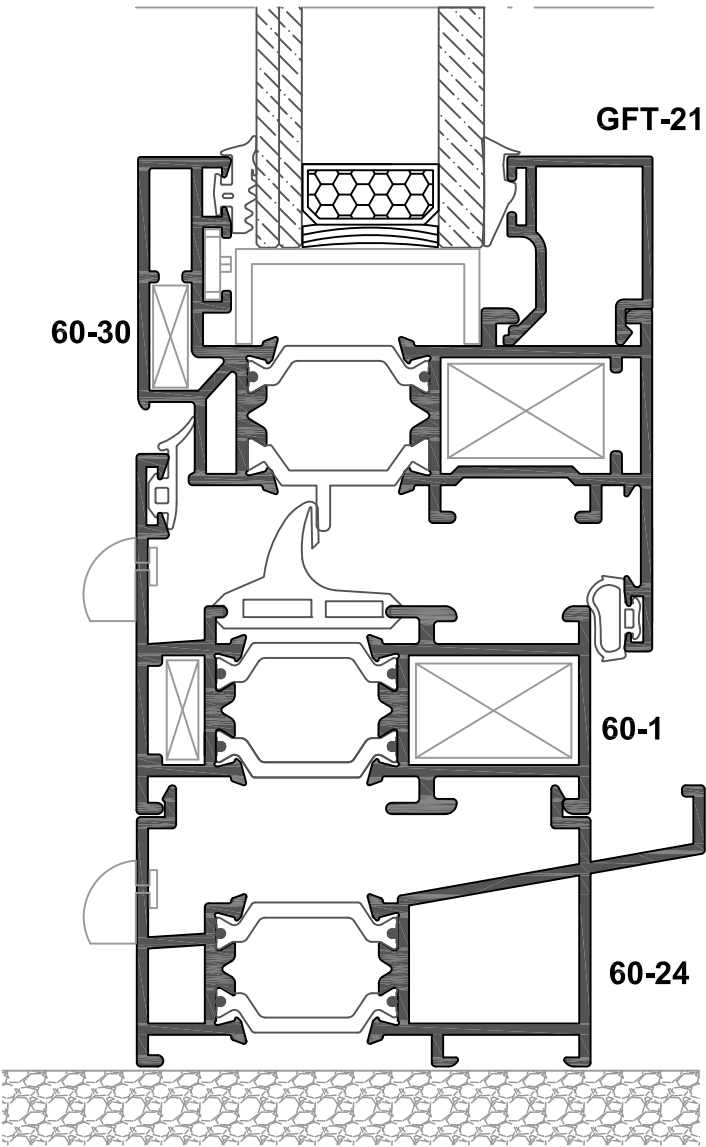
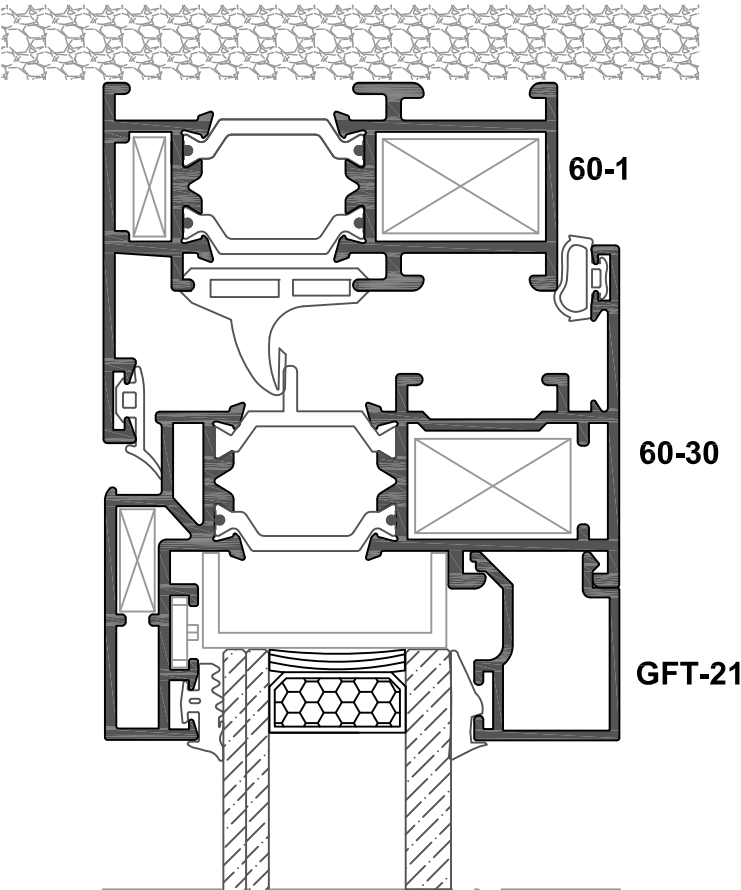
COLOR: -- MATERIAL: Aluminio UNID.VENTA: Caja

APLICACIÓN: 60-13

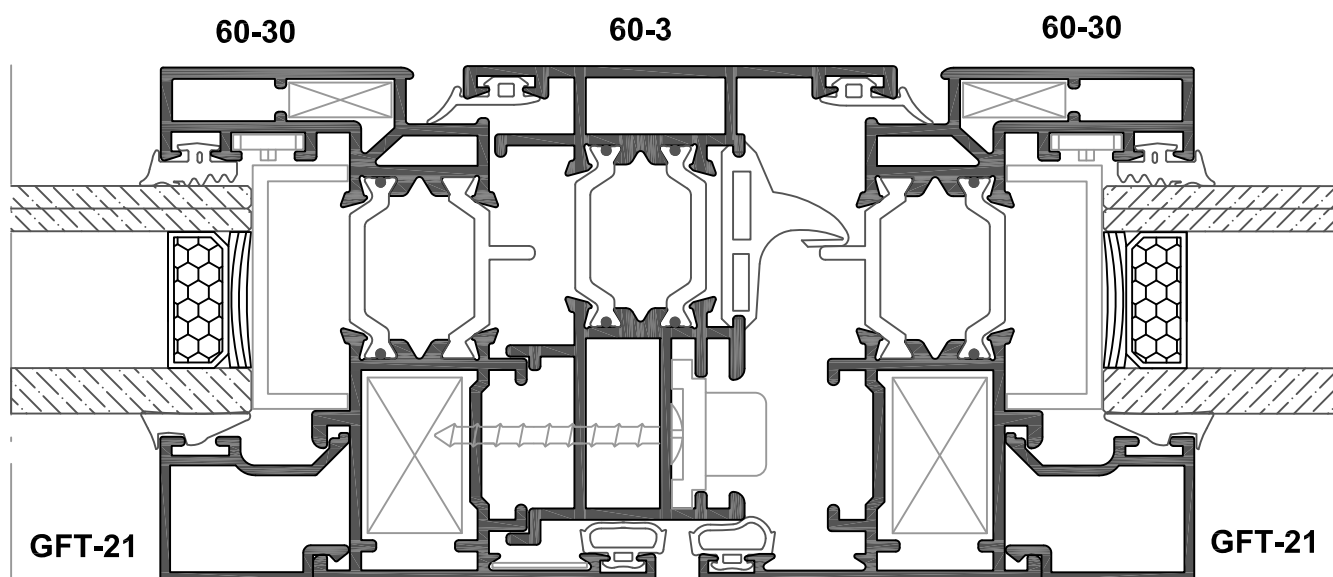
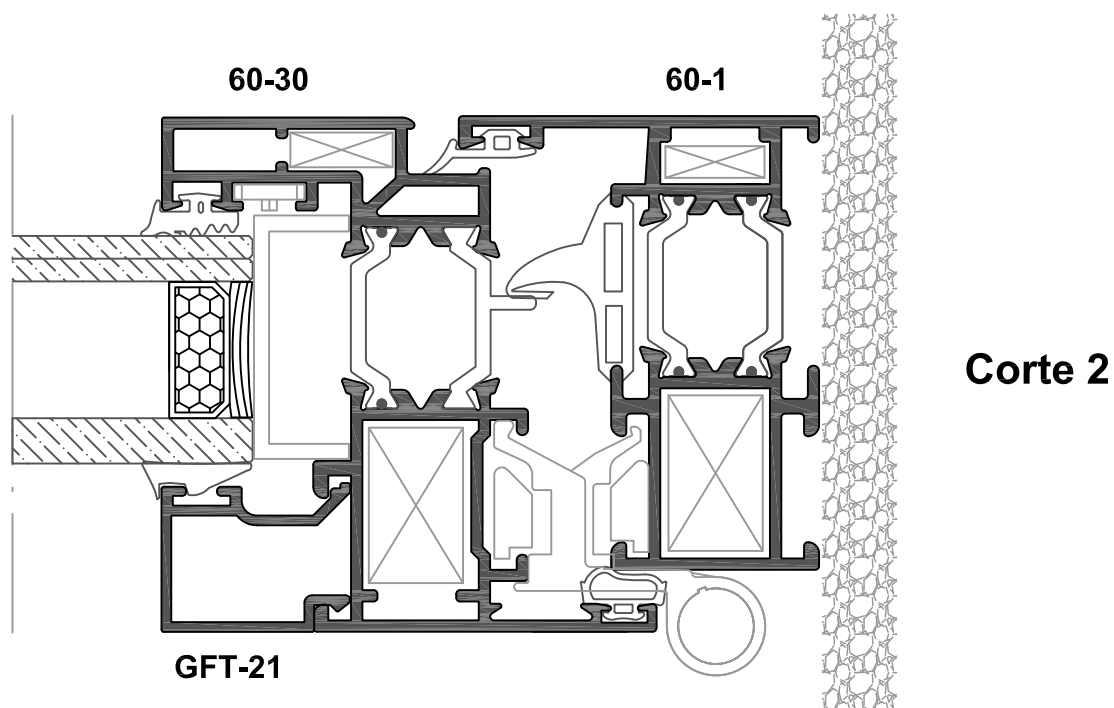


Ventana 2 hojas apertura interior

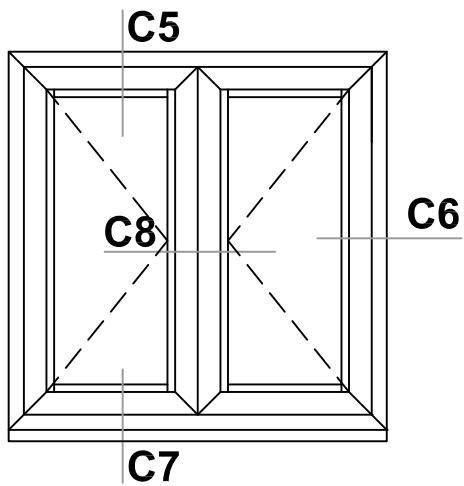
Corte 1



Corte 3

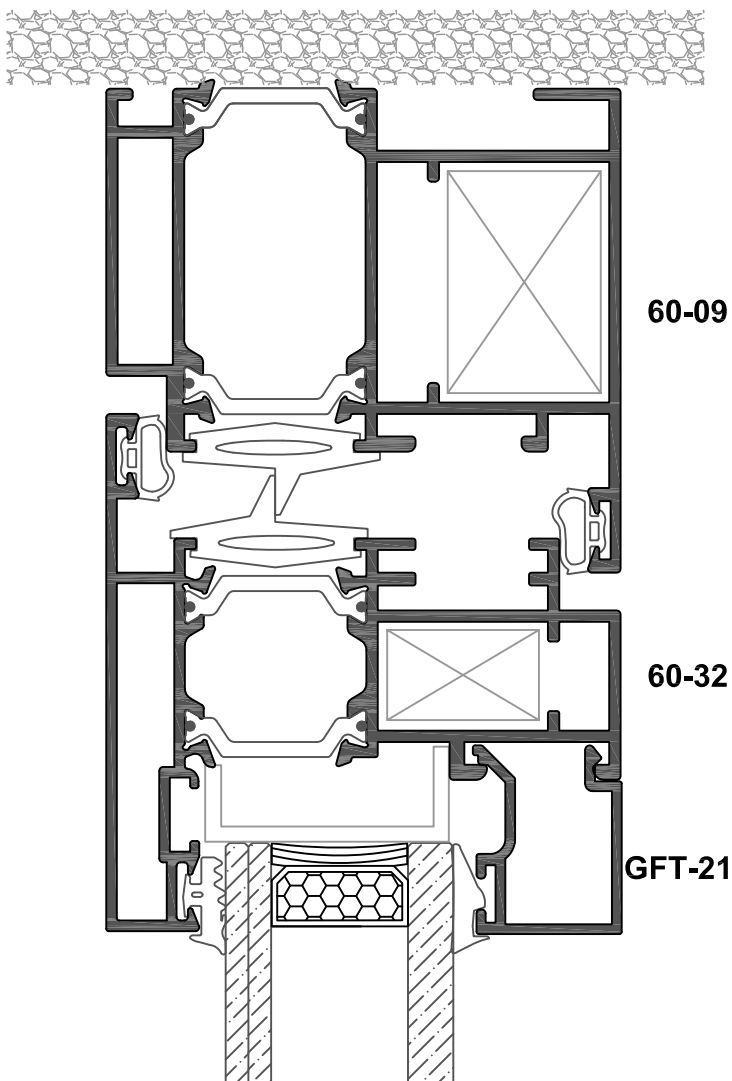


Corte 4

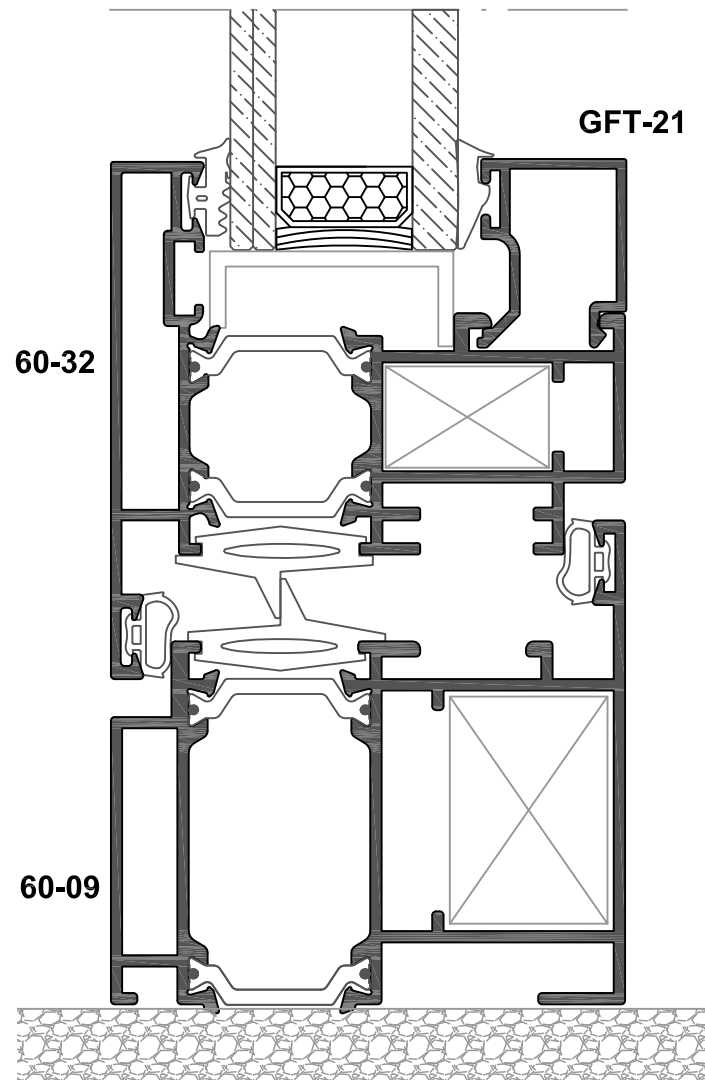


Ventana 2 hojas apertura exterior

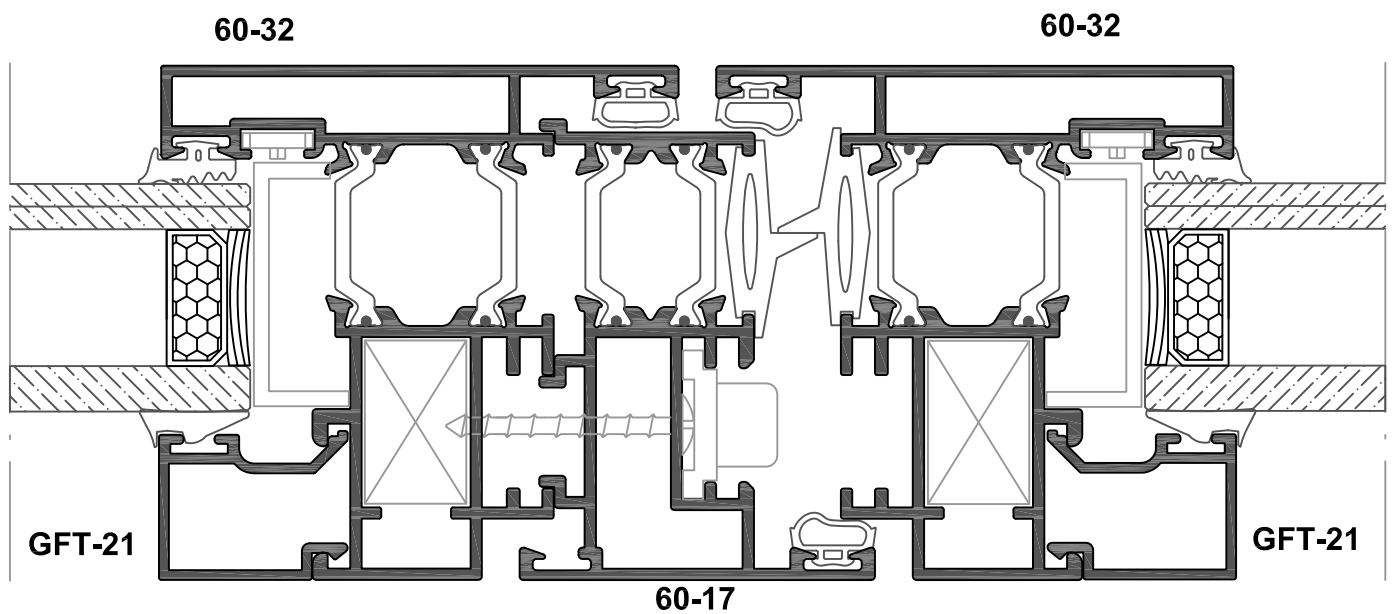
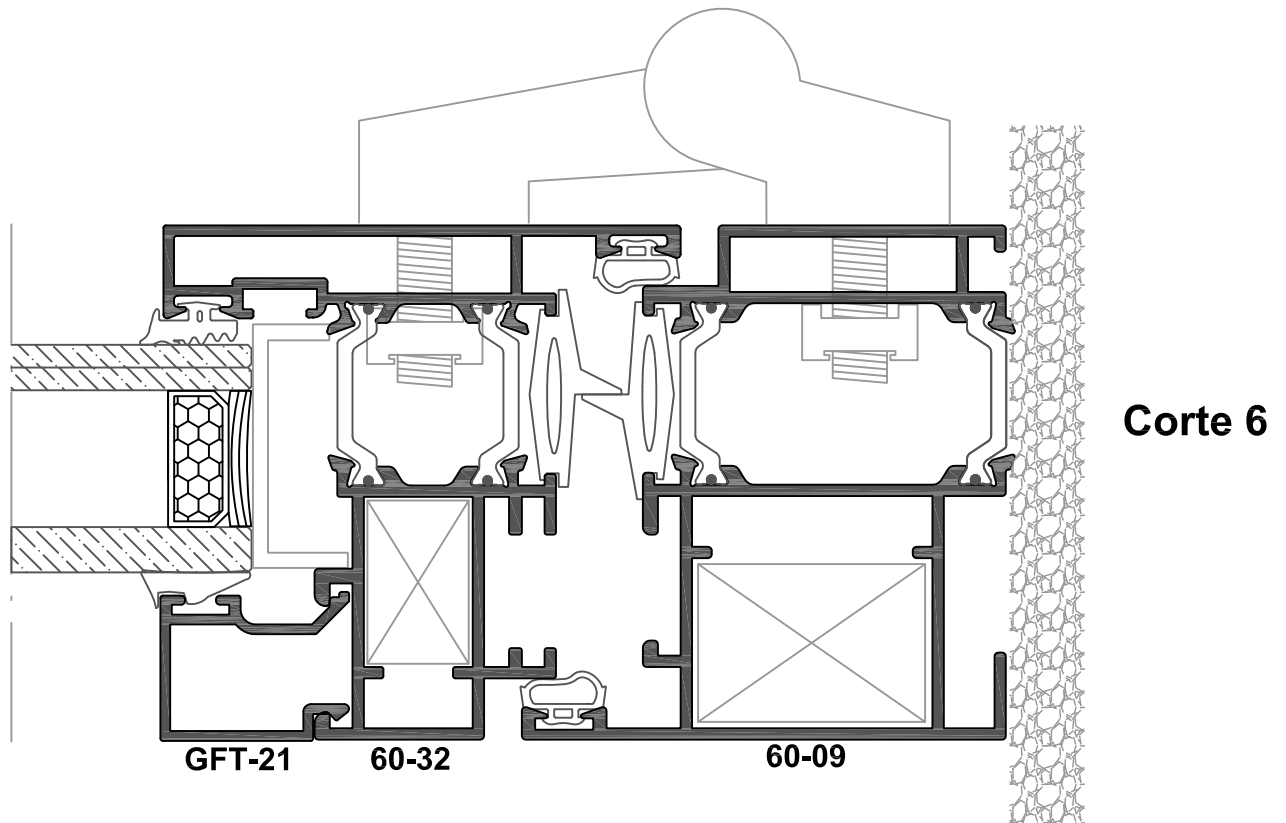
Corte 5



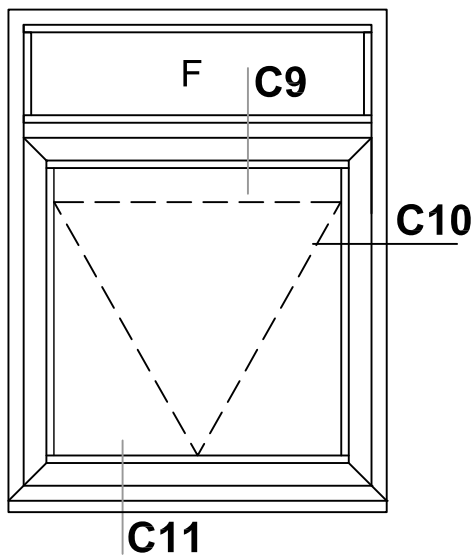
GFT-21



Corte 7

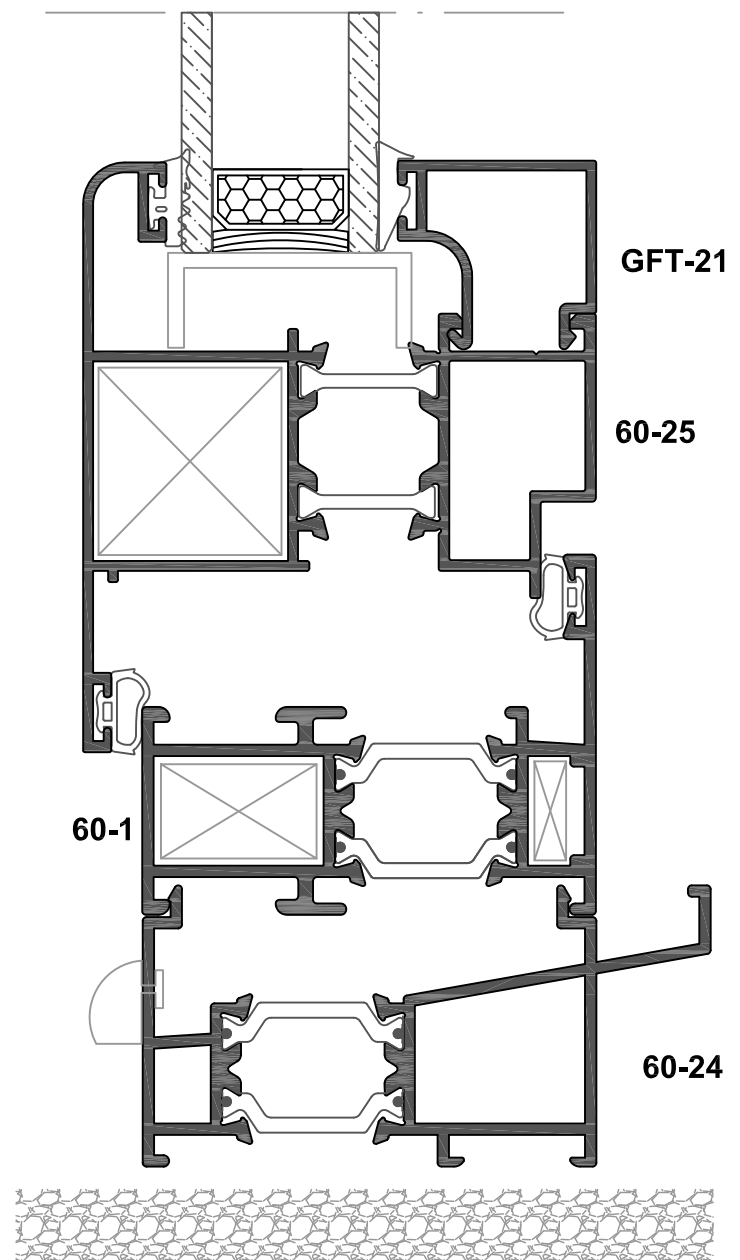
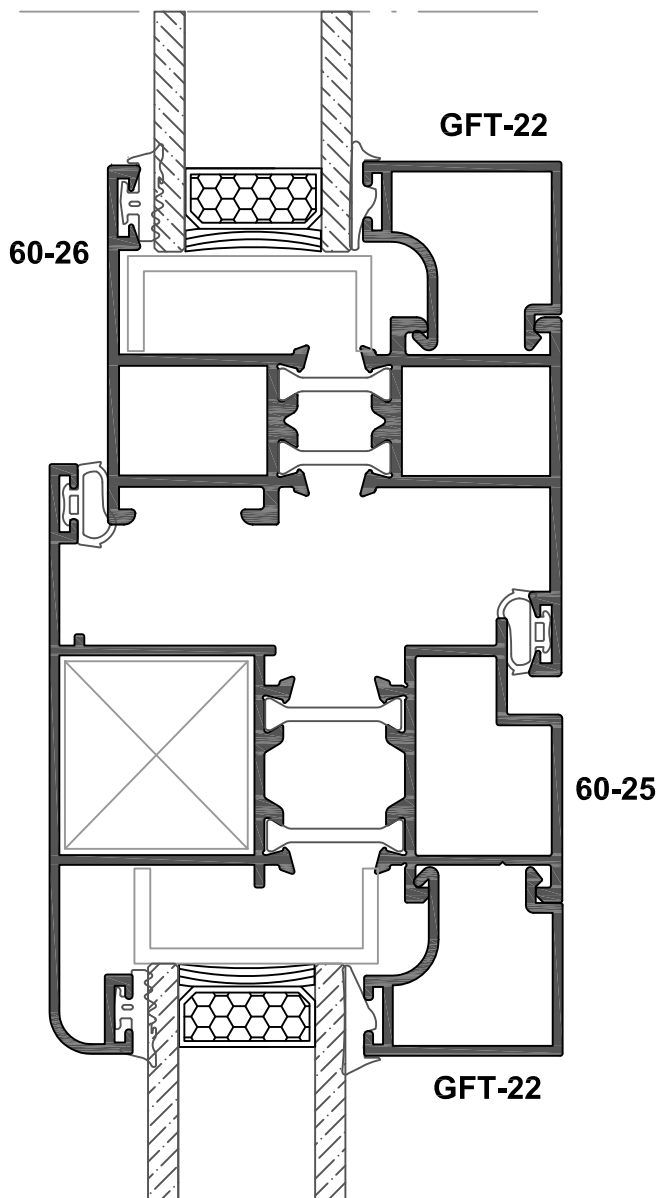


Corte 8

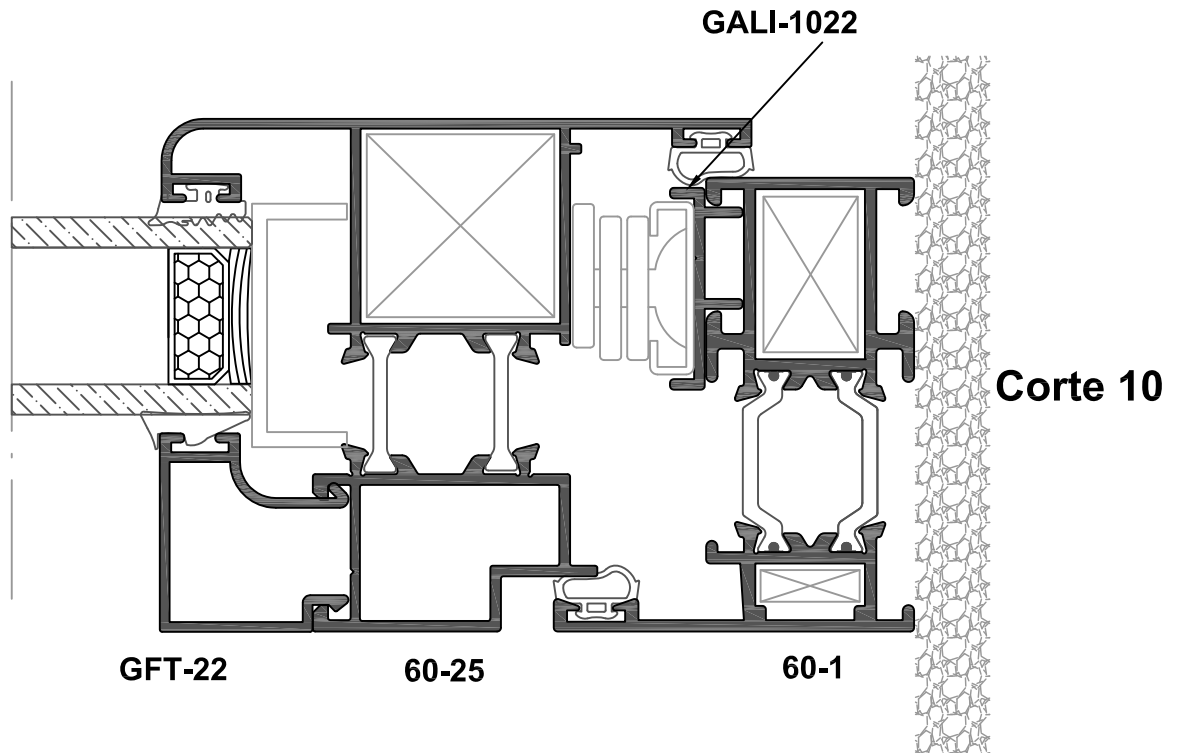


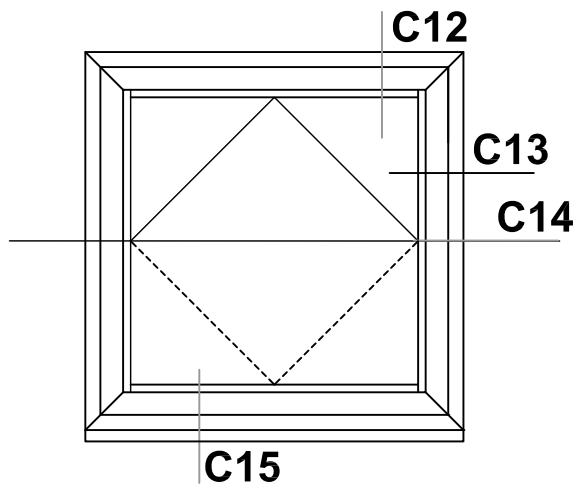
Ventana 1 hoja proyectante deslizante con fijo superior

Corte 9



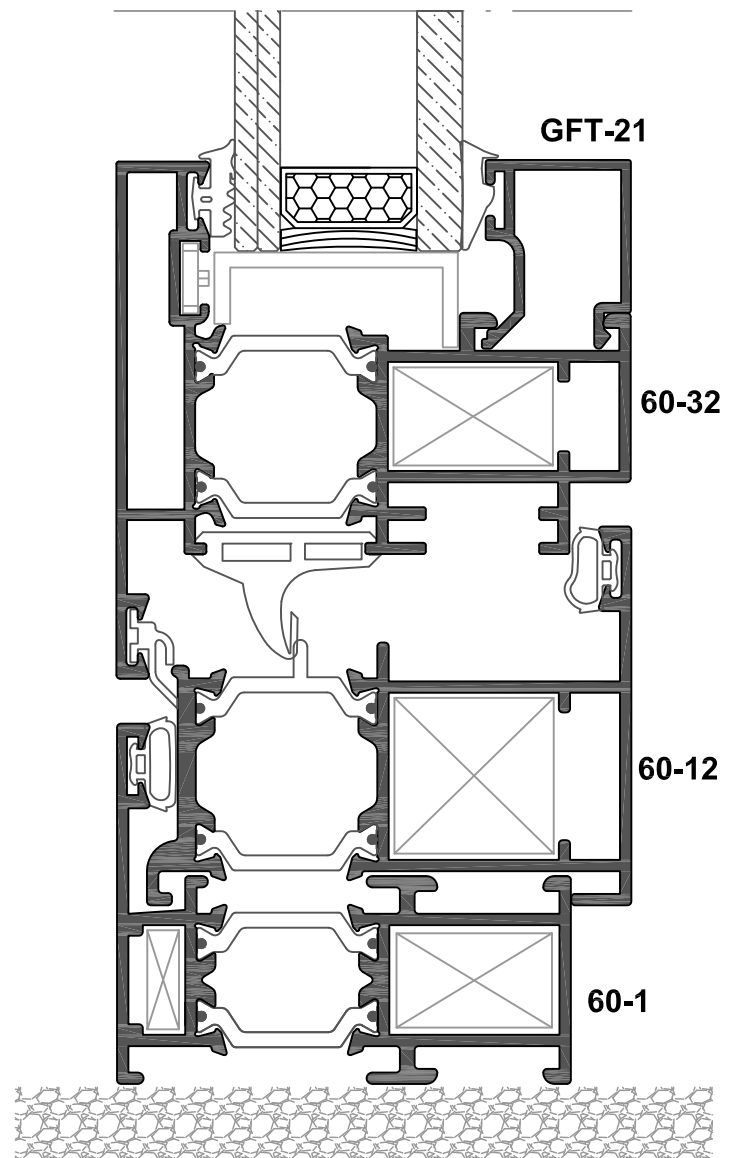
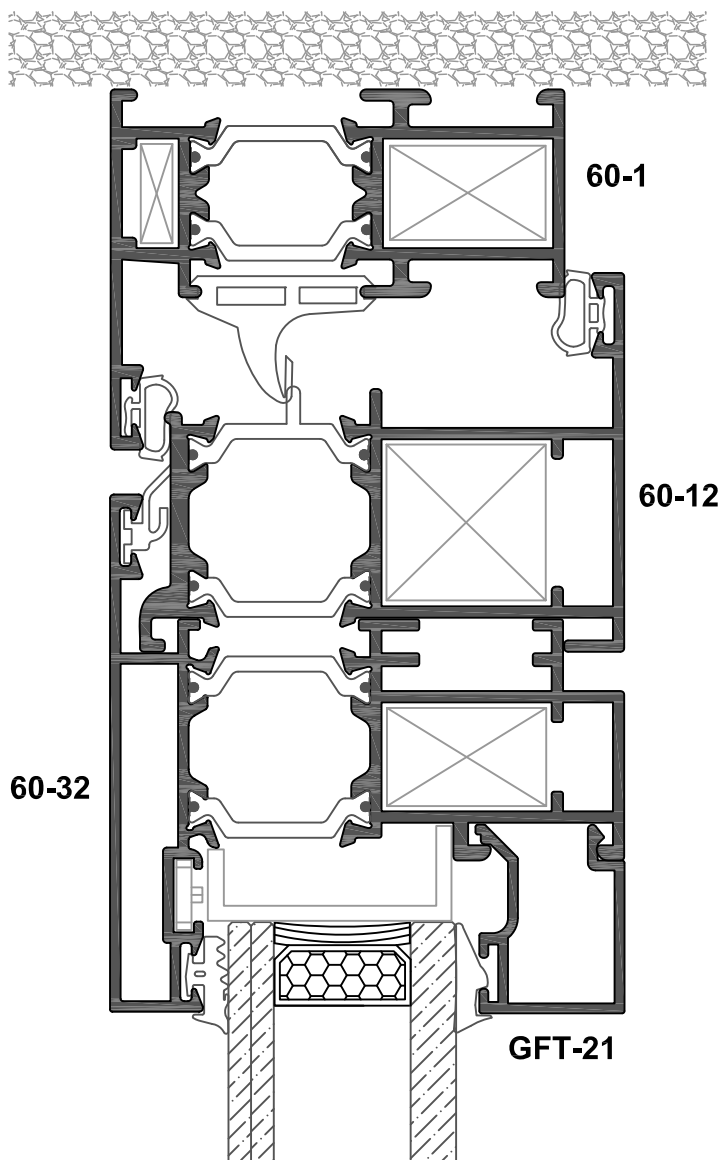
Corte 11



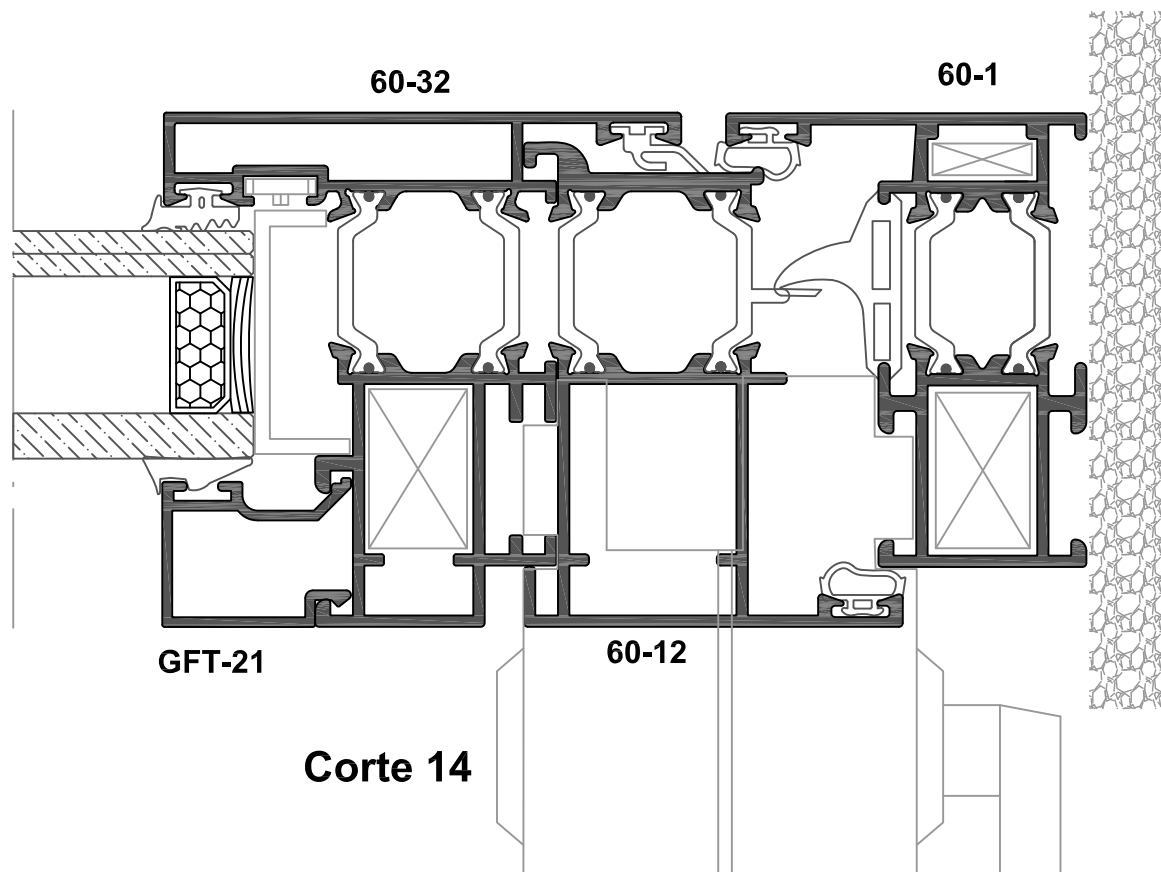
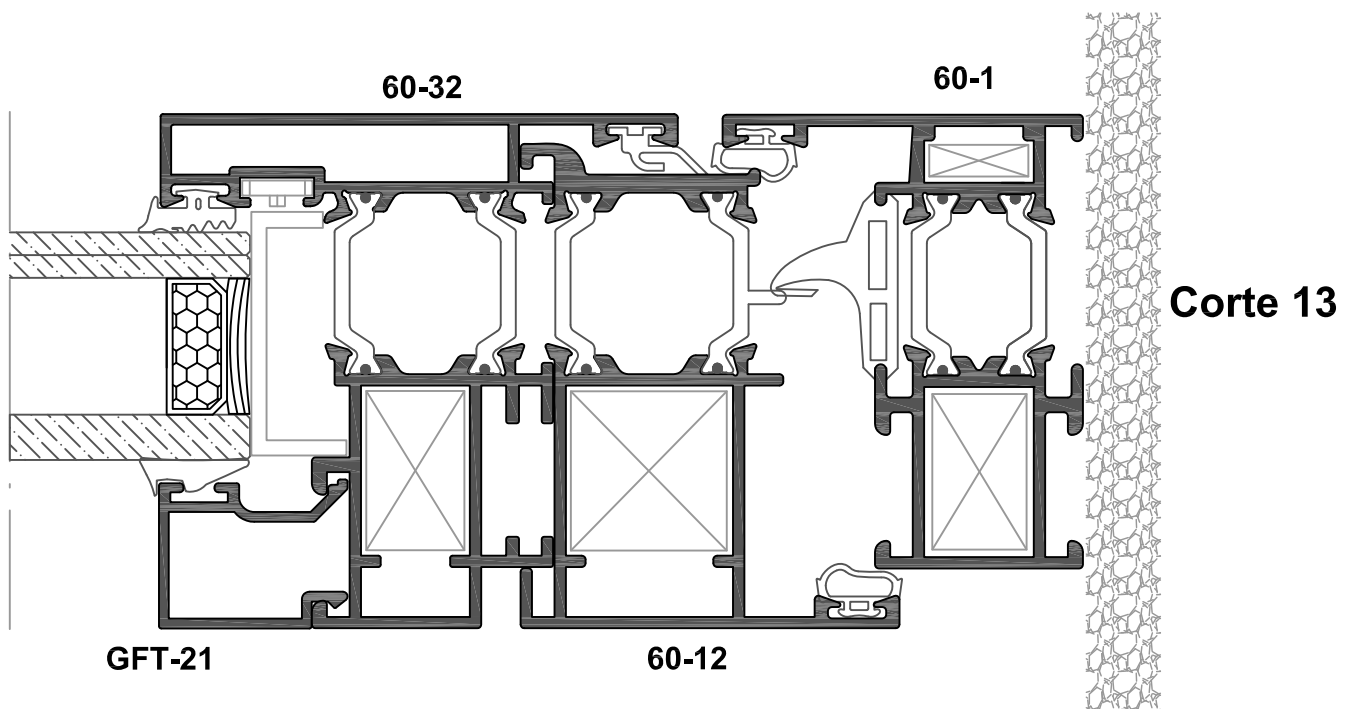


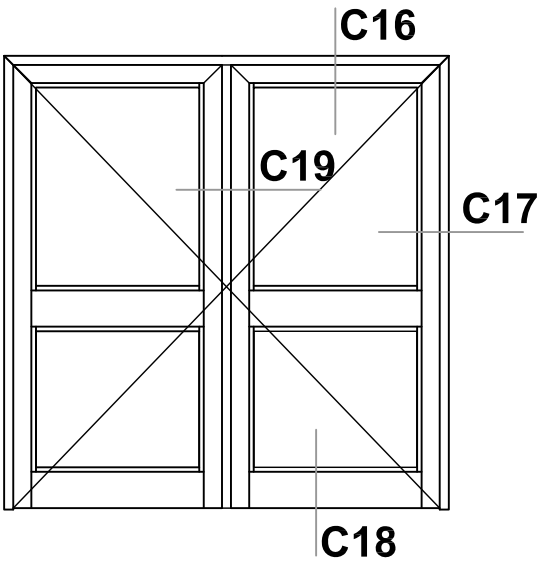
Ventana 1 hoja pivotante

Corte 12

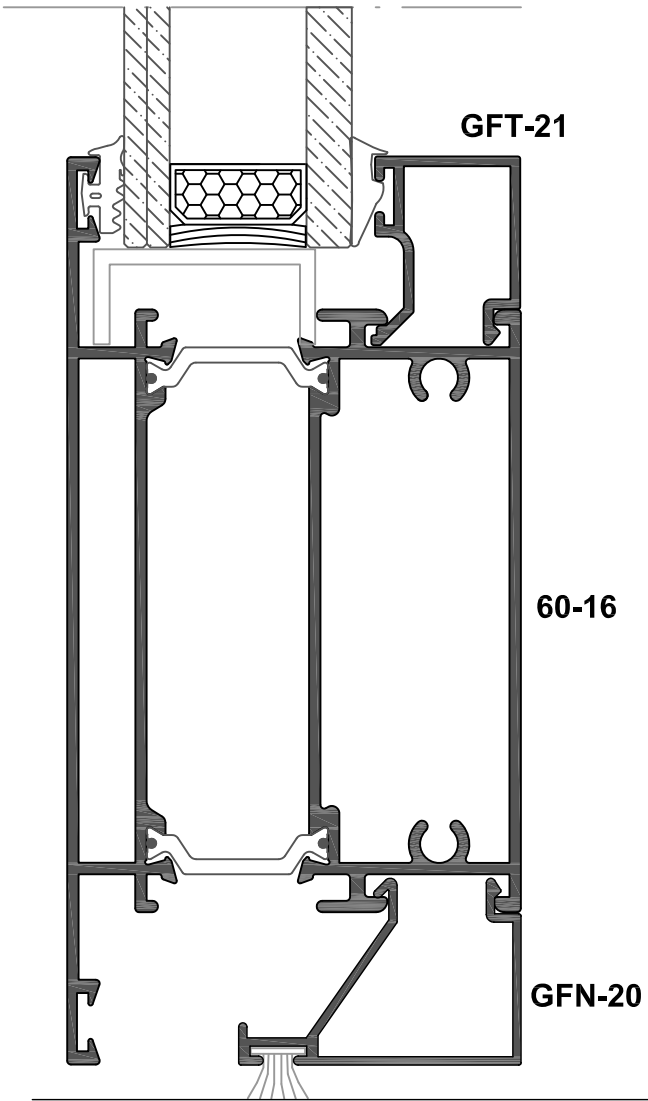
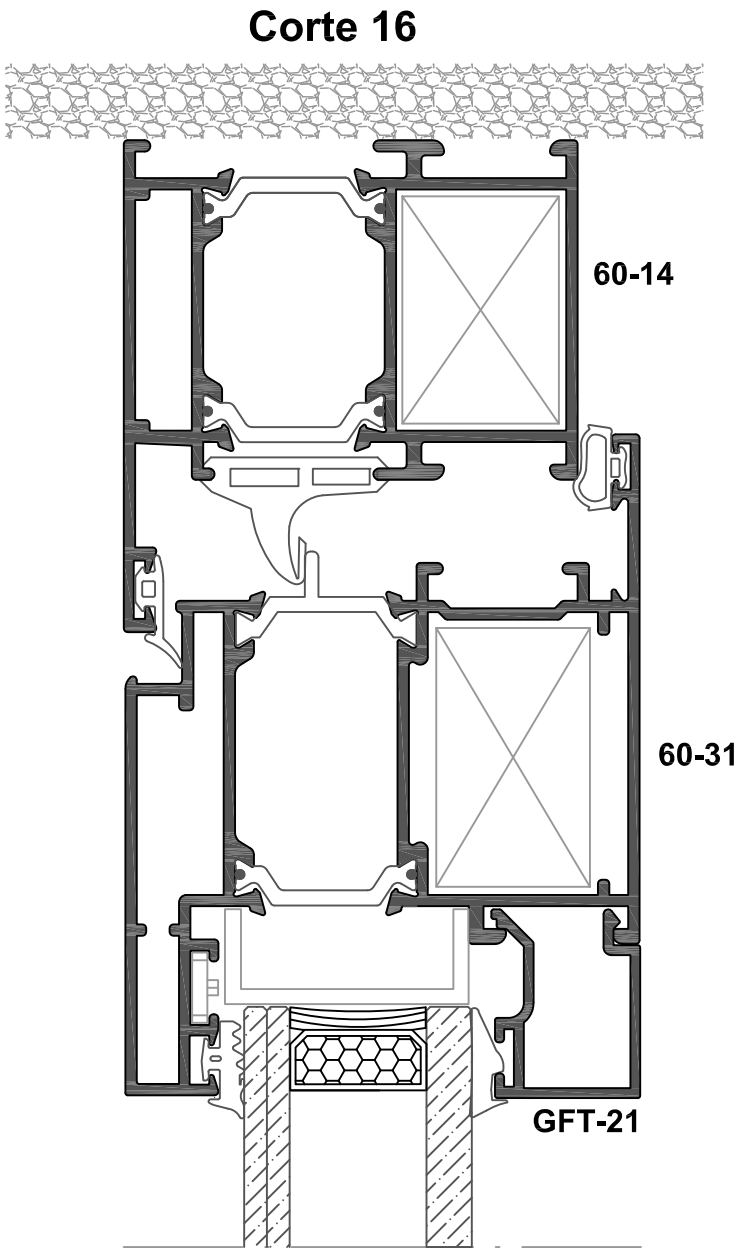


Corte 15

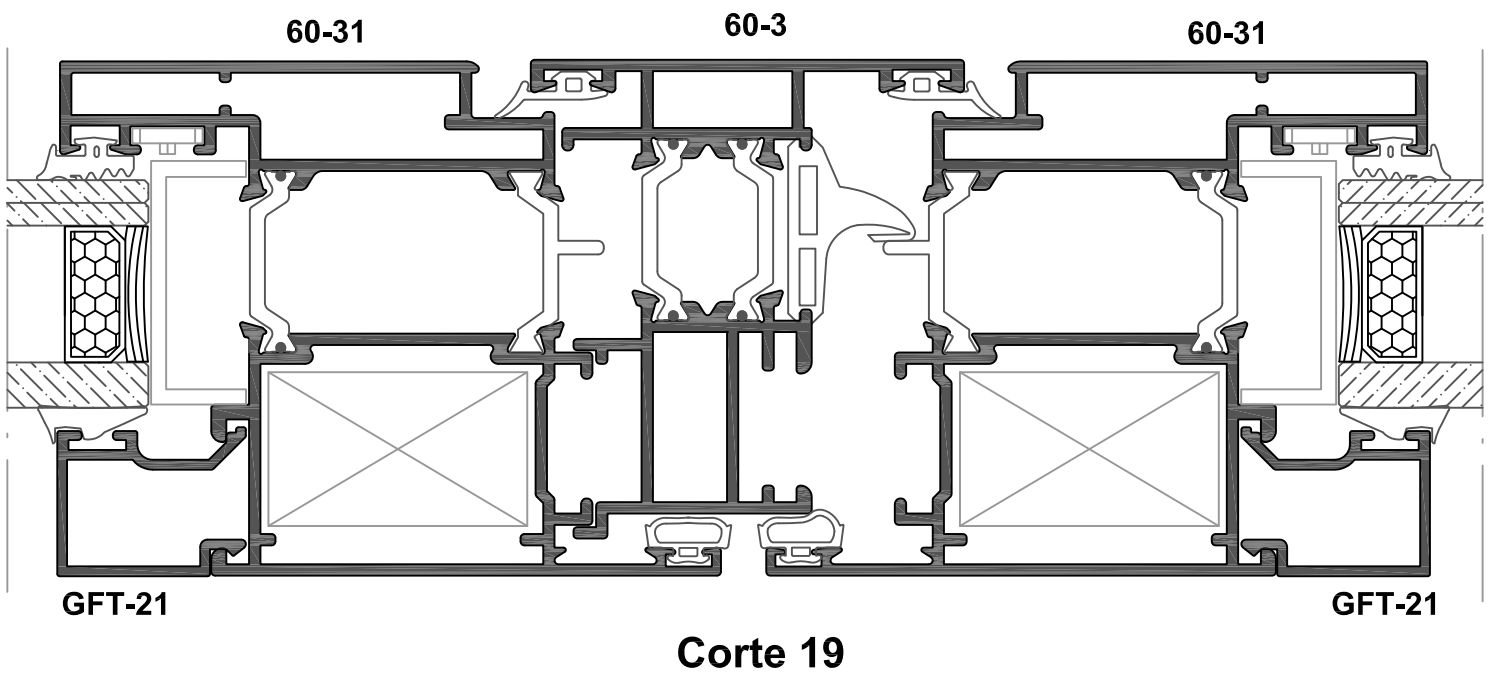
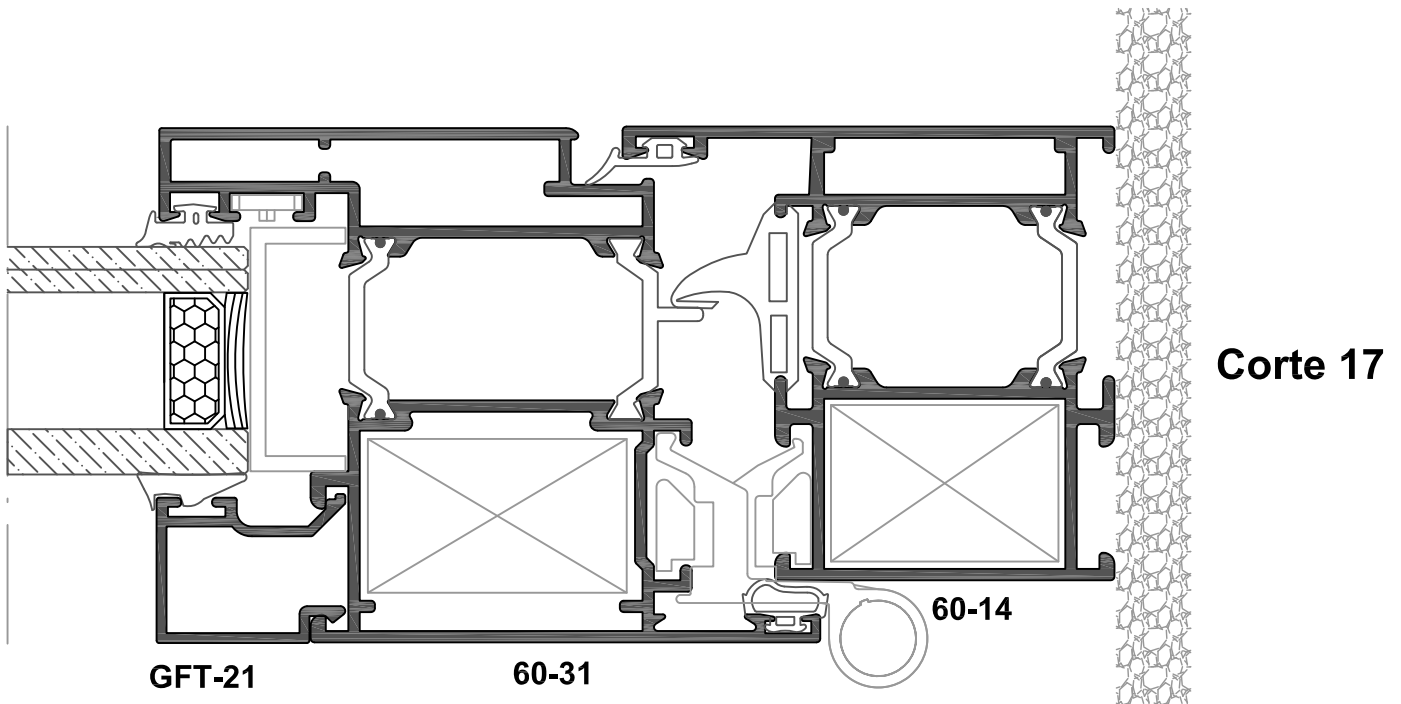


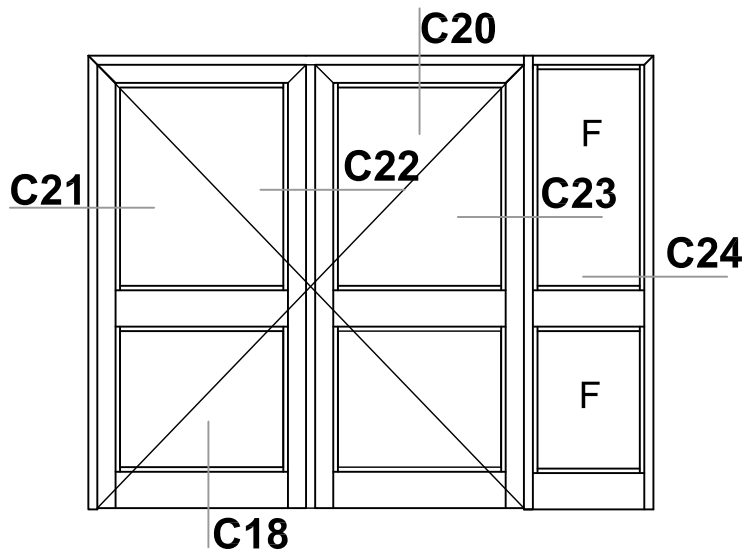


Puerta 2 hojas practicables

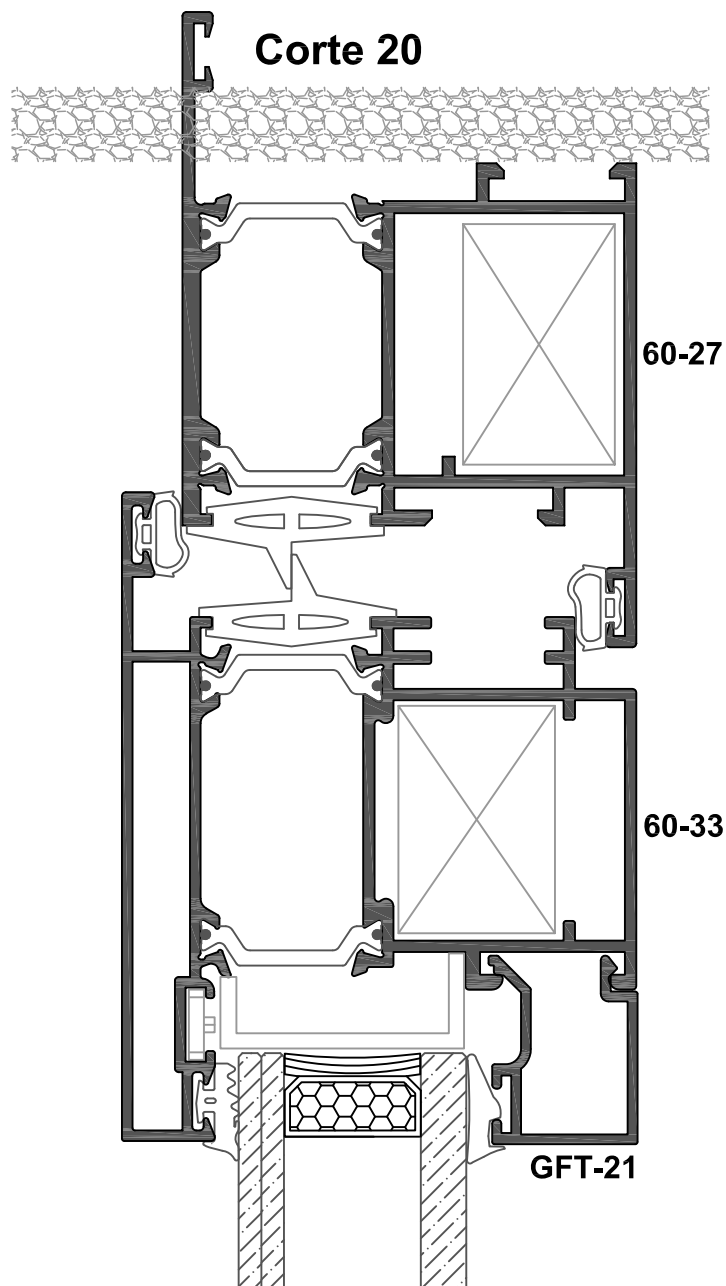


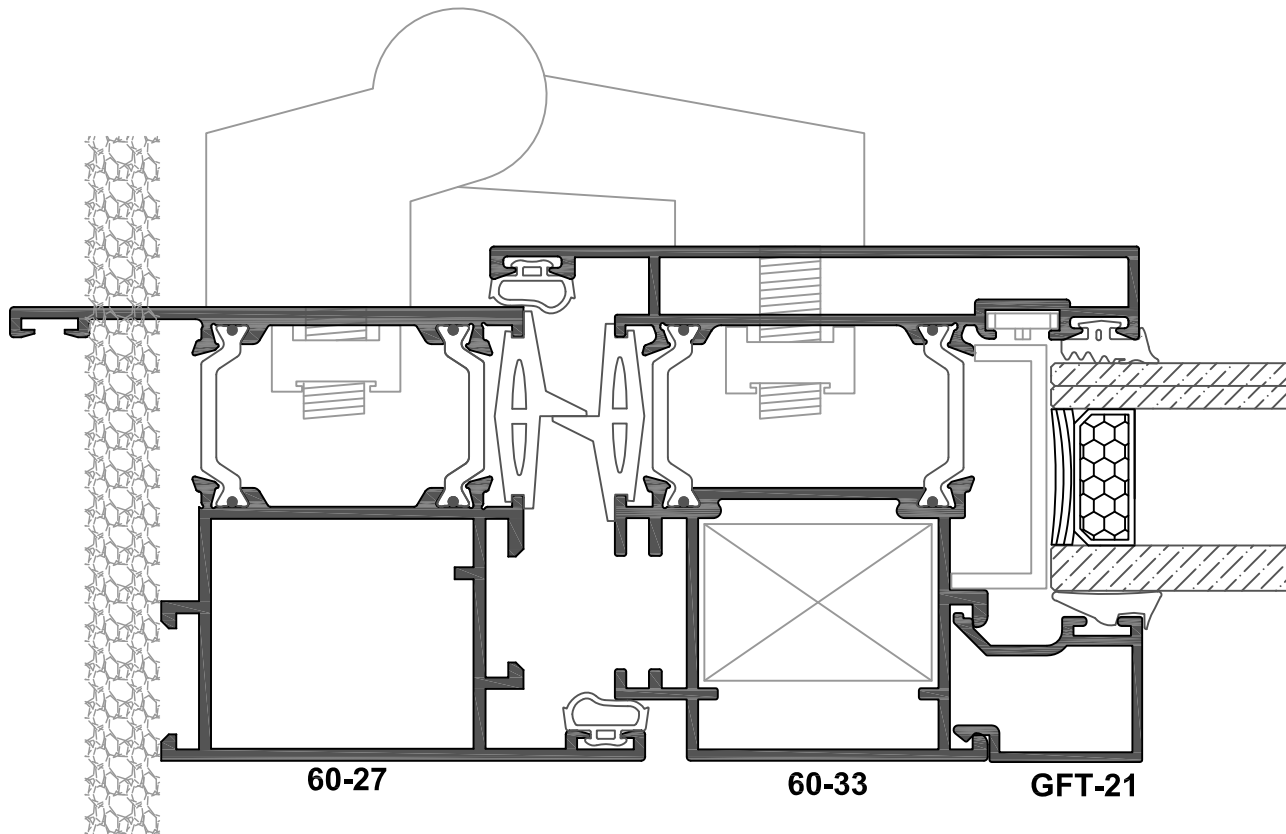
Corte 18



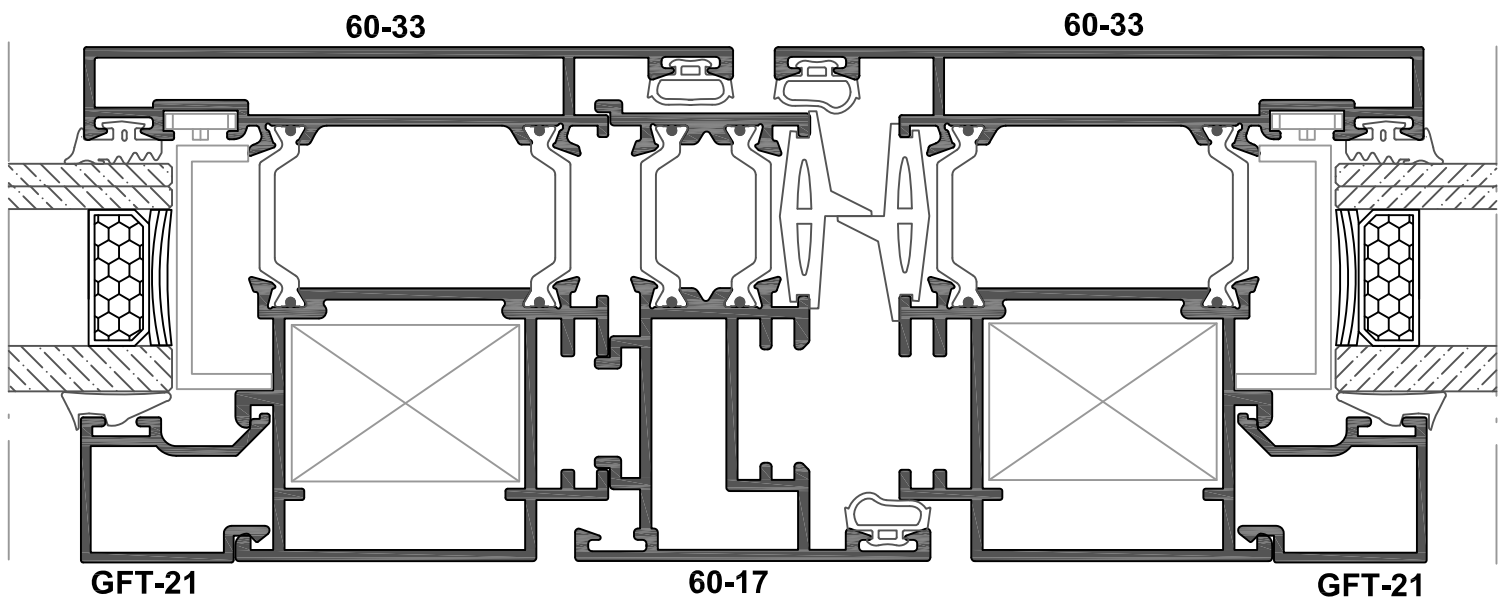


**Puerta 2 hojas enrasadas
practicables
apertura exterior con fijo lateral**

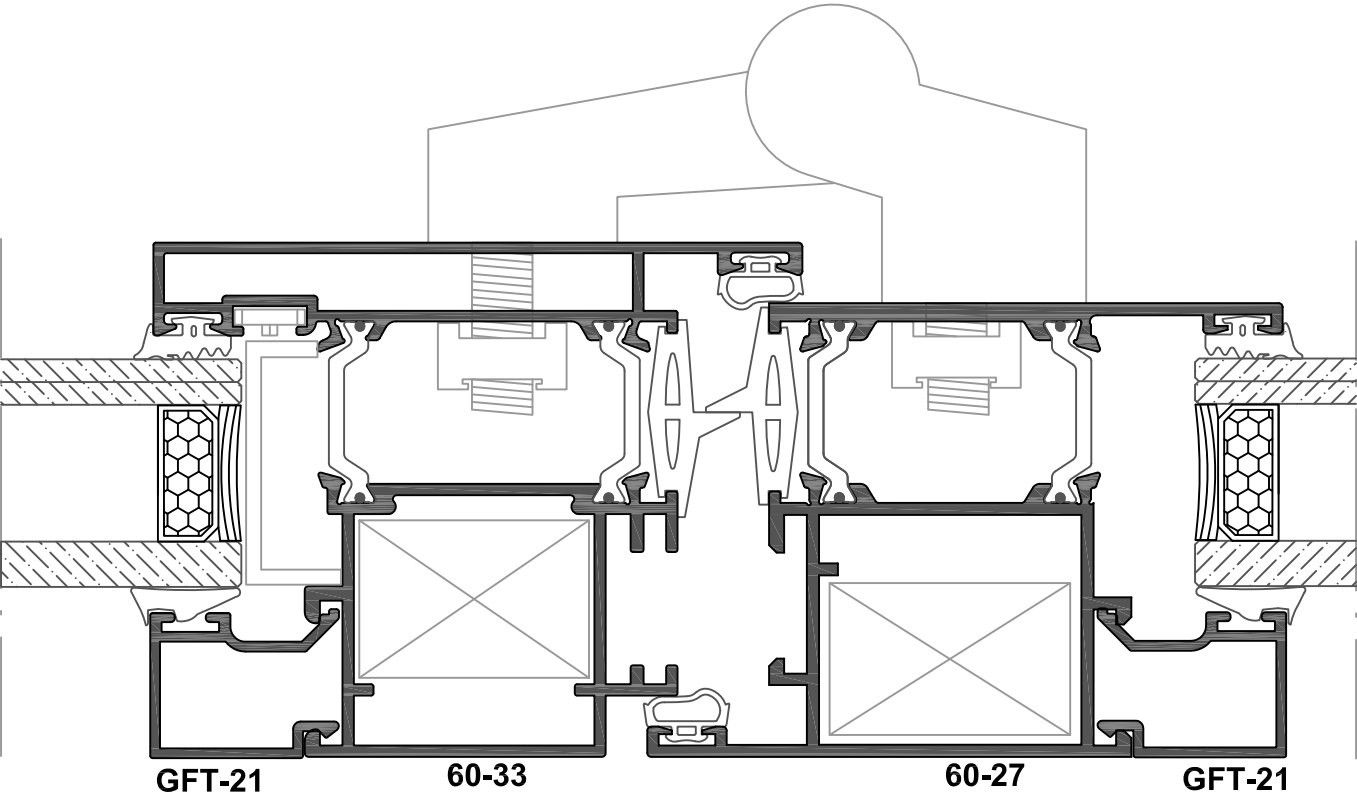




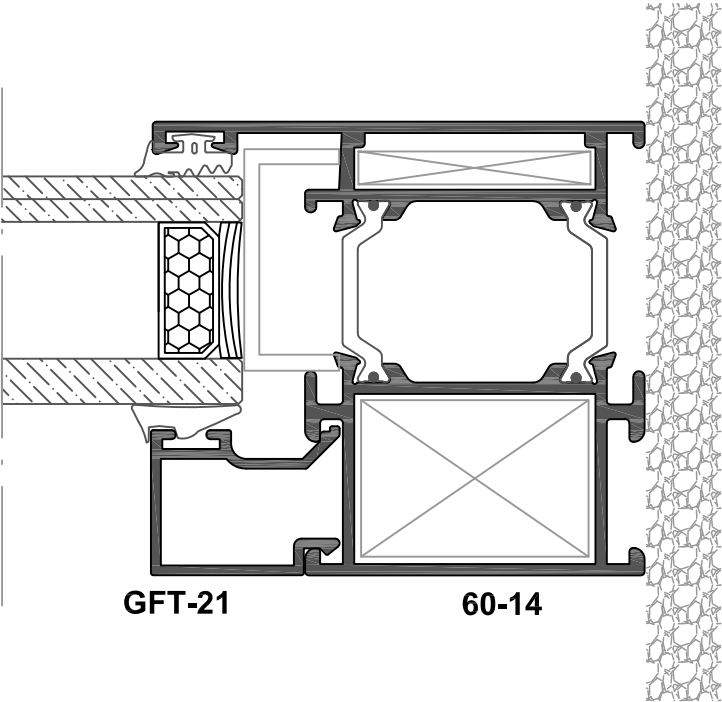
Corte 21



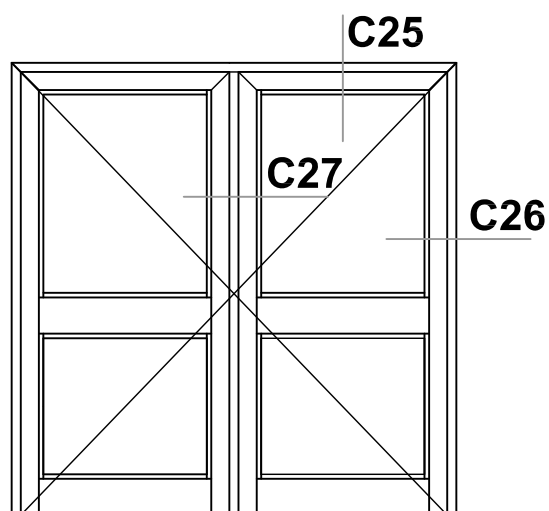
Corte 22



Corte 23

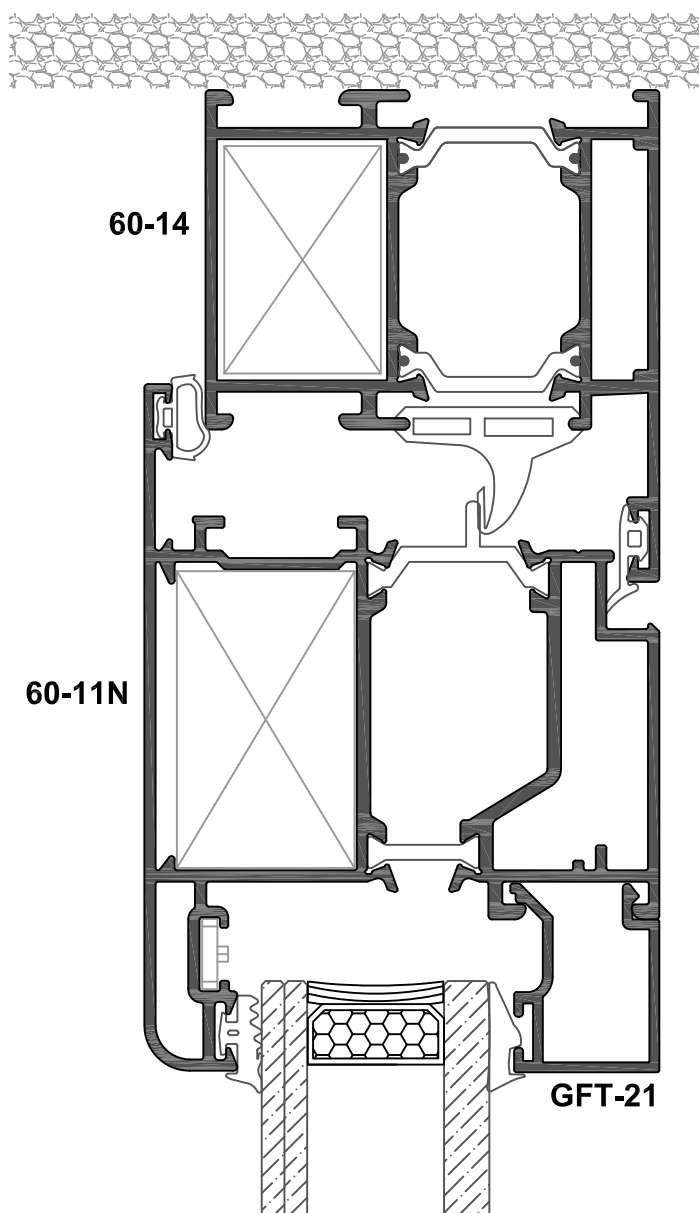


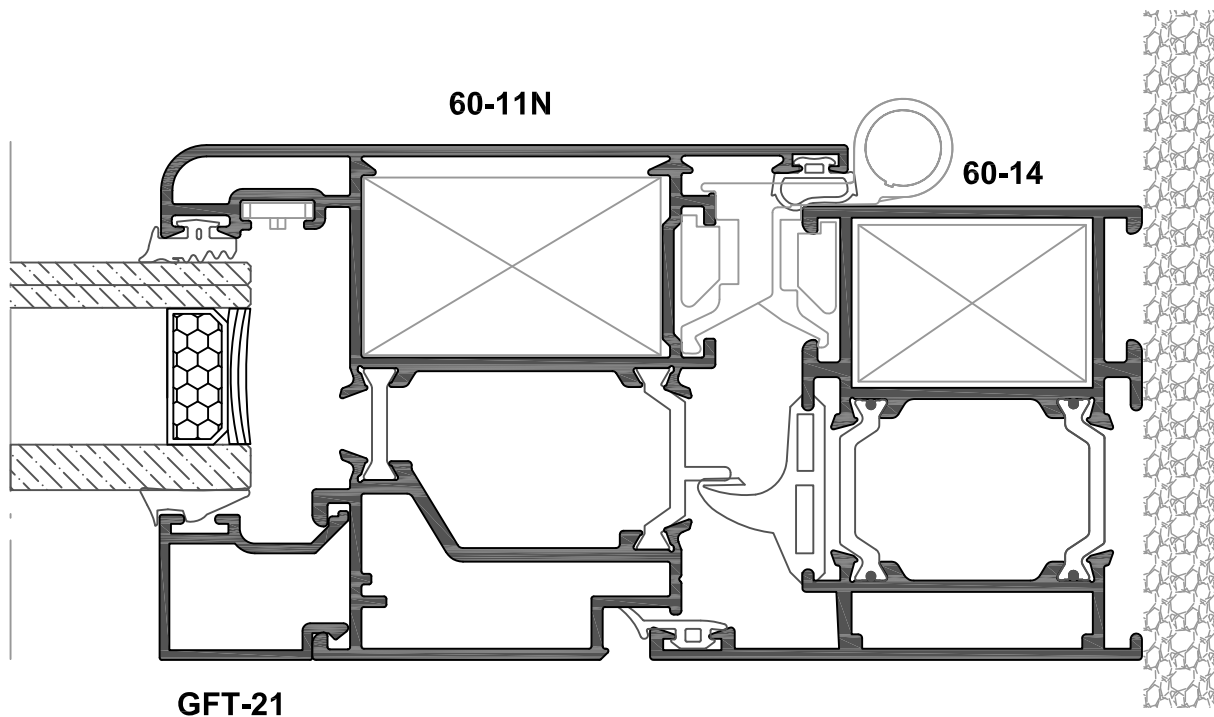
Corte 24



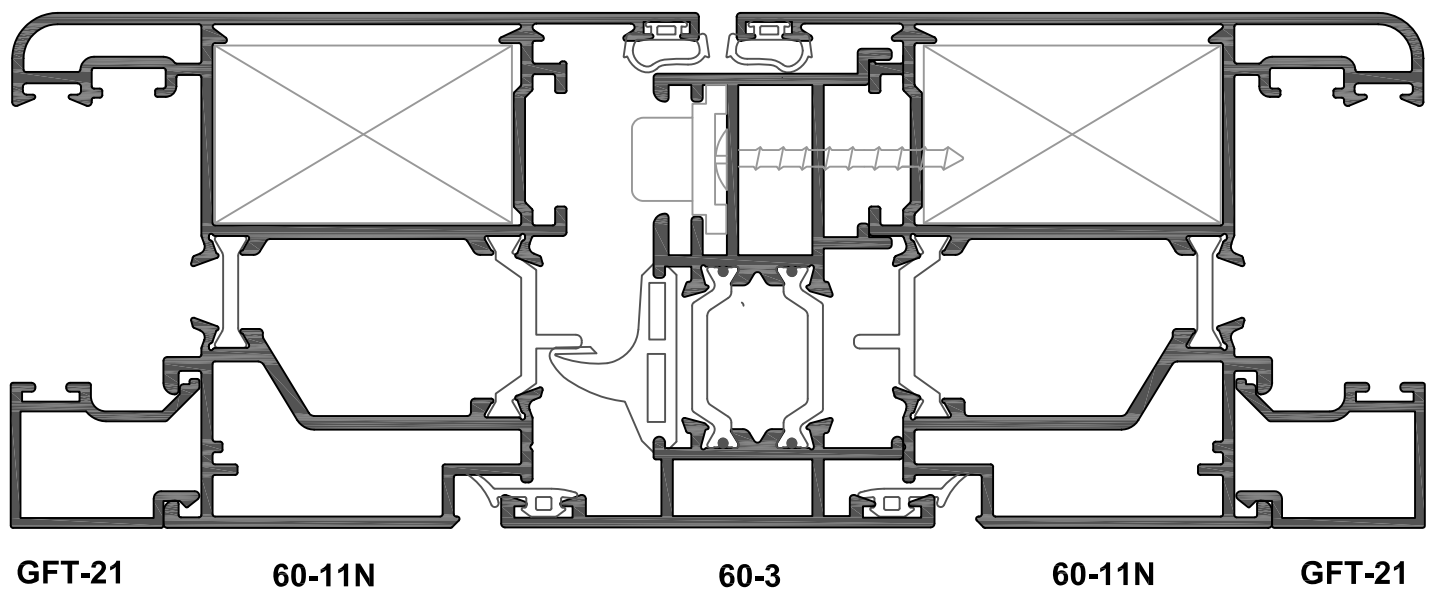
Puerta 2 hojas practicables apertura exterior

Corte 25

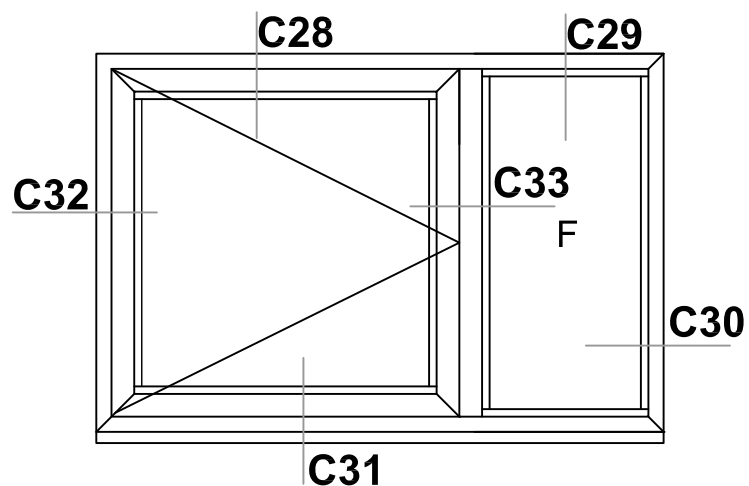




Corte 26

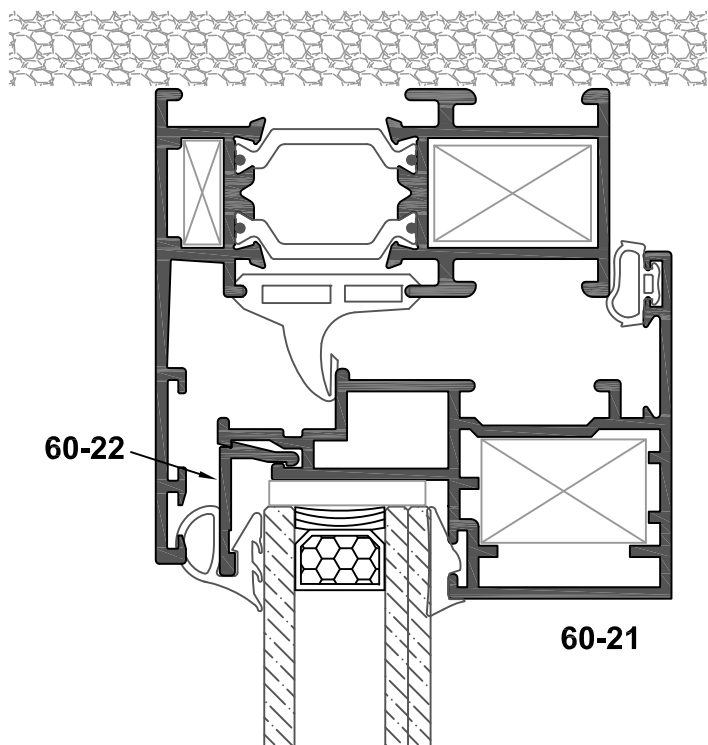


Corte 27

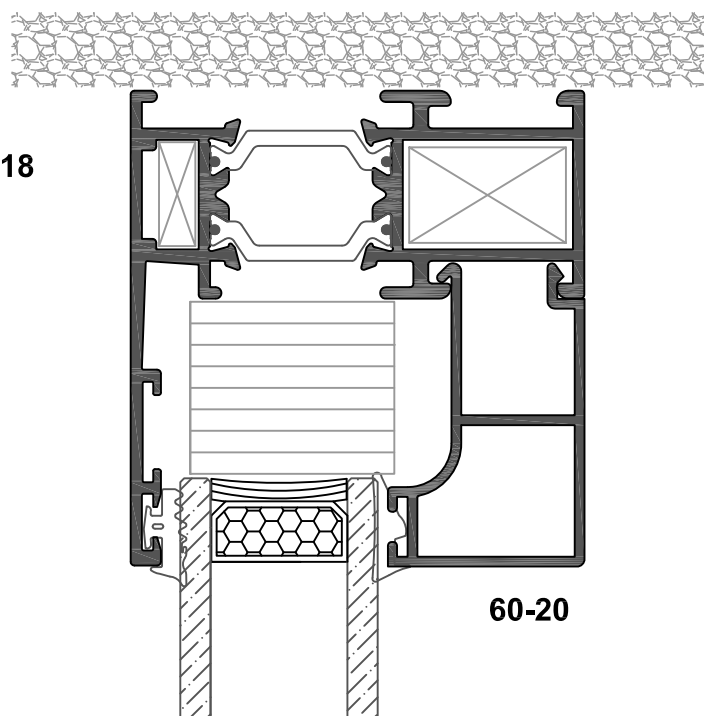


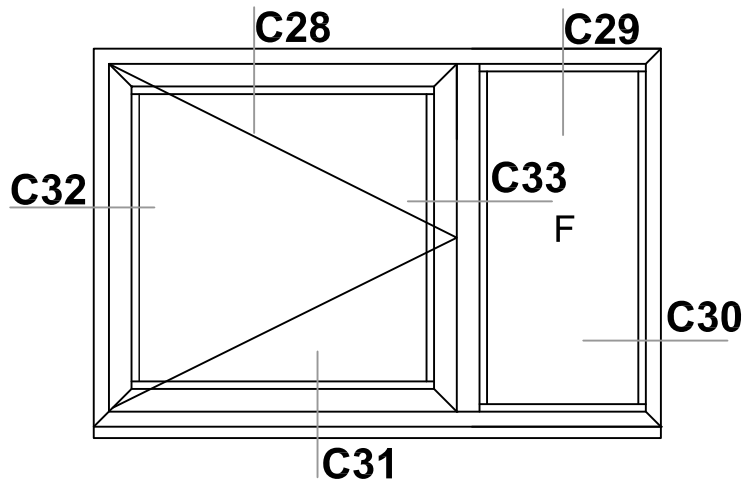
**Ventana 1 hoja oculta con
fijo lateral**

Corte 28

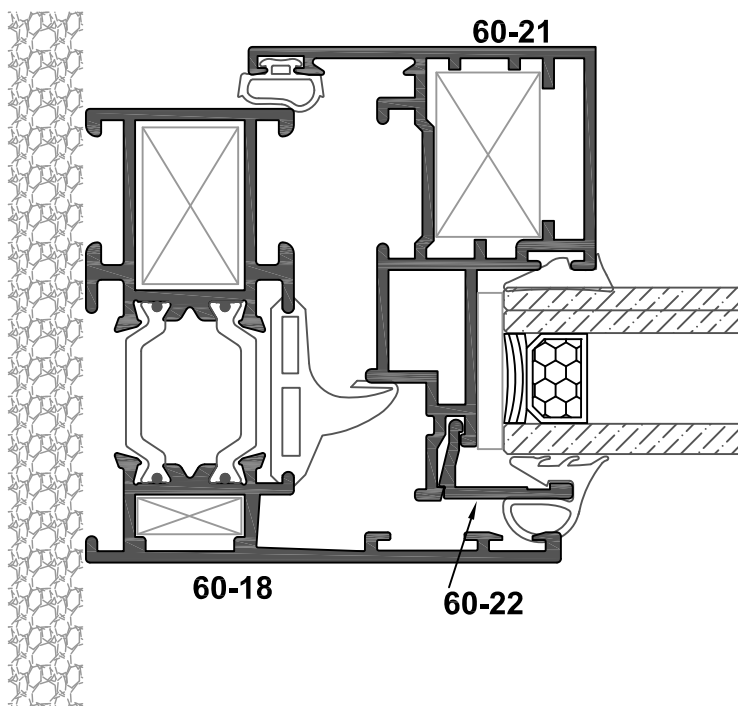


Corte 29



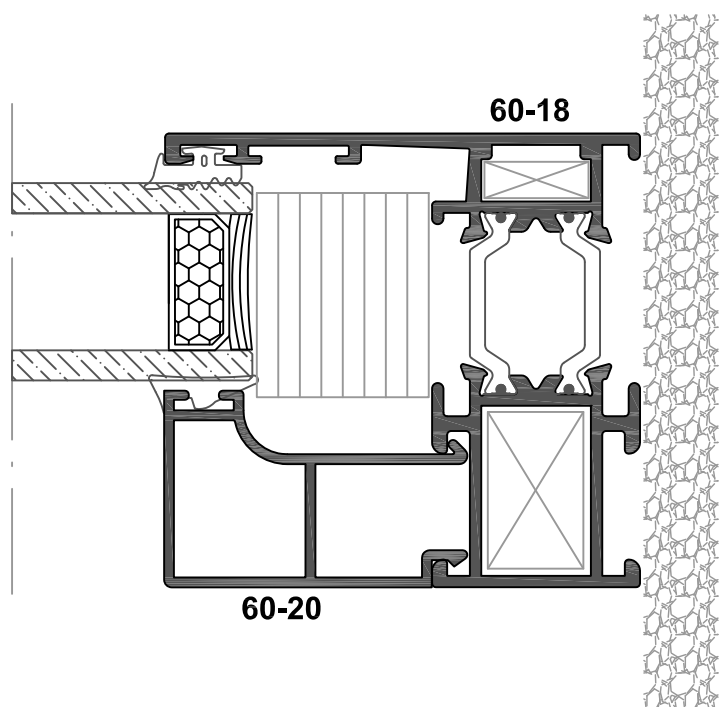


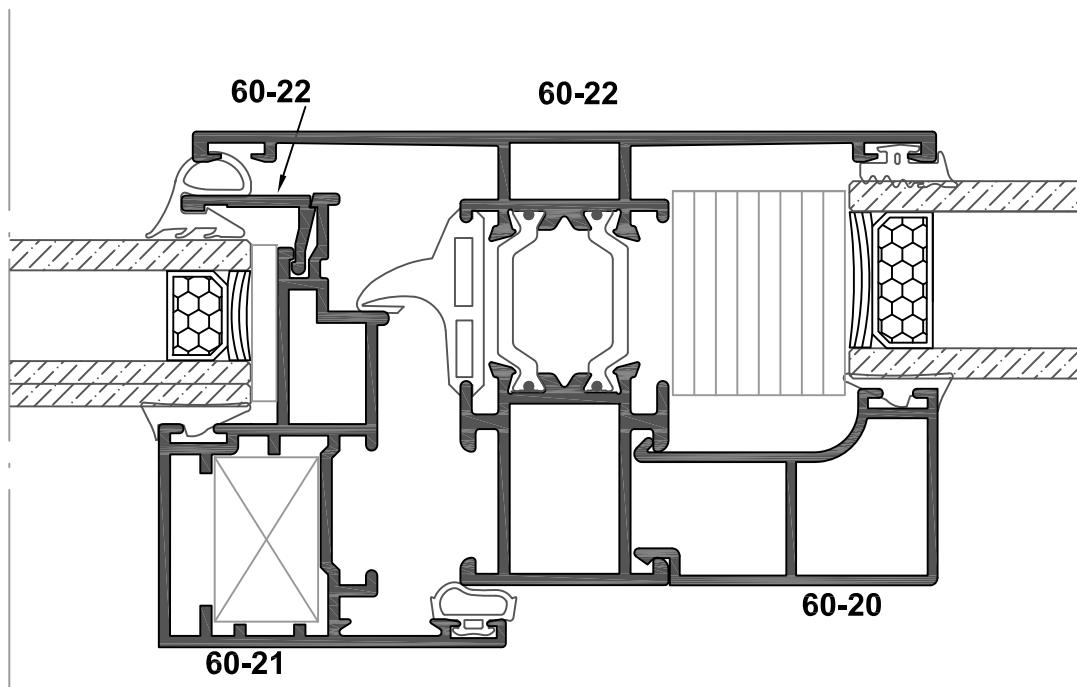
Ventana 1 hoja oculta con fijo lateral



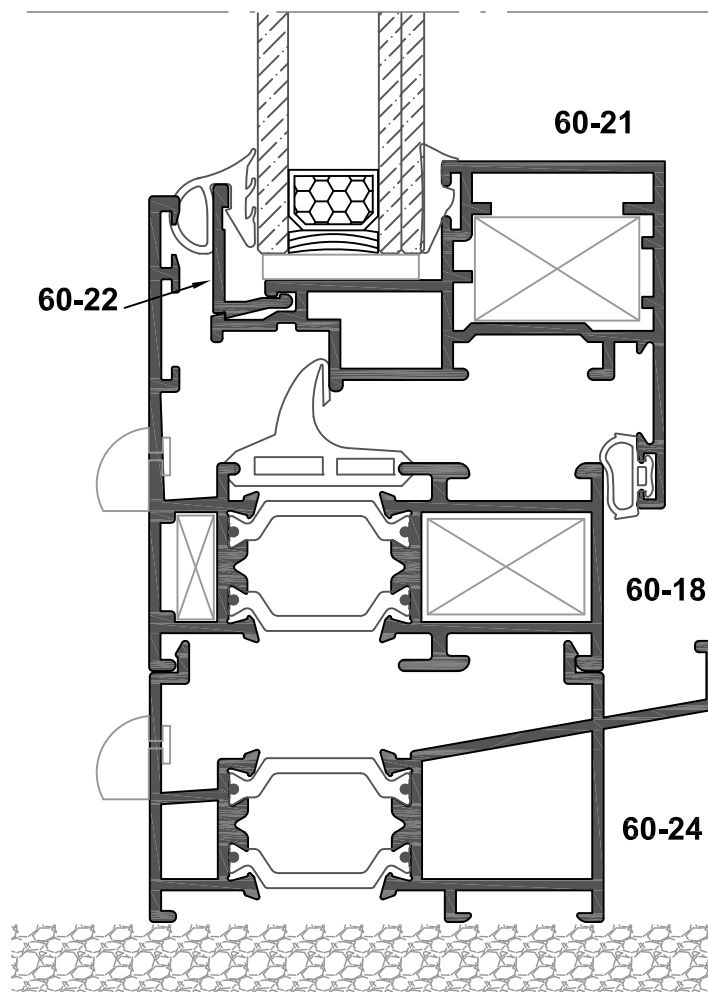
Corte 32

Corte 30

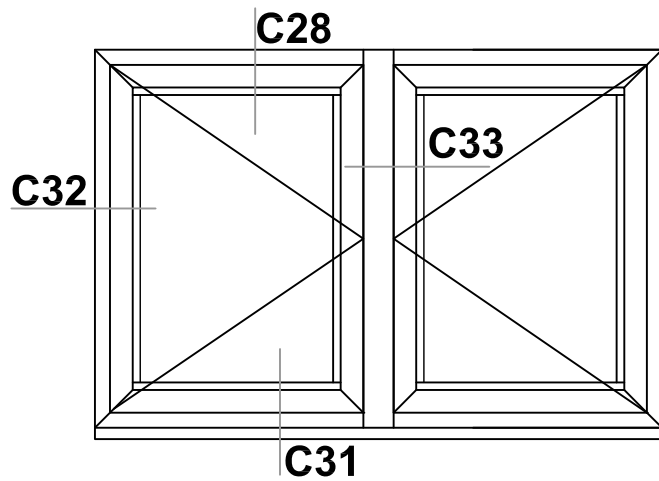




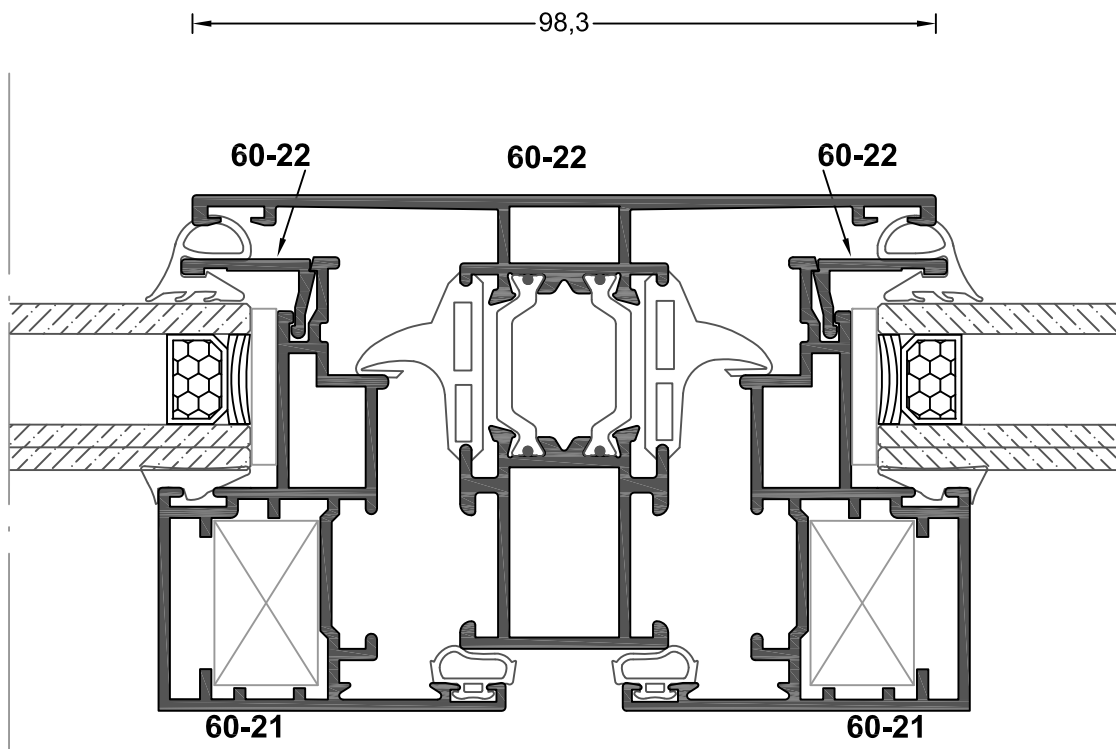
Corte 32



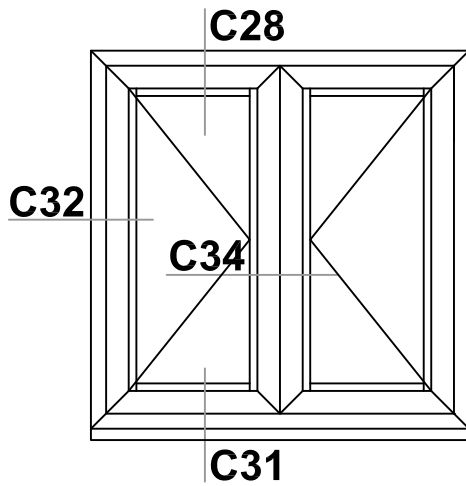
Corte 31



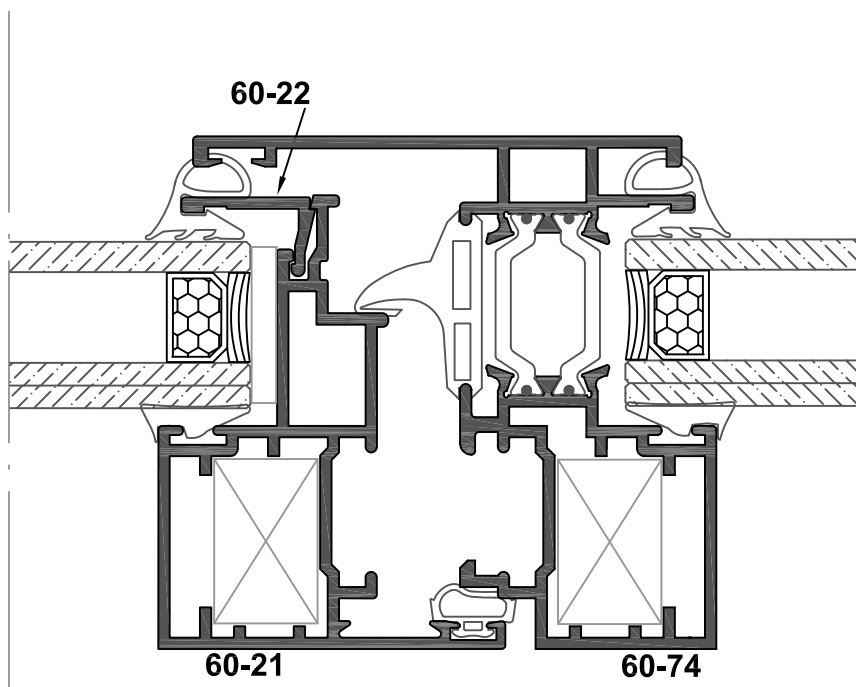
Ventana 2 hojas ocultas con zanca fija



Corte 33



Ventana 2 hojas apertura interior



Corte 34

Alugal A Coruña

Crta. Nacional A Coruña-Santiago.
Sigras. A Coruña

Telf: 981 67 69 01
Fax: 981 61 31 36

Alugal Lugo

Estrada A Coruña. Bagueixo
Lugo

Telf: 982 21 47 49
Fax: 982 26 42 02

Alugal Santiago

Pol. Industrial Tambre. Via Diesel
Parcela R7. Santiago de Compostela.

Telf: 981 55 75 14
Fax: 981 51 97 99

Alugal León

Crta. León Zamora. Km.2
León

Telf: 987 21 47 12
Fax: 987 21 47 90



Galimetal

Pol. Industrial de A Cañiza.
A Cañiza. Pontevedra.

Telf: 986 65 13 67
Fax: 986 65 23 95

Alugal Vigo

Crta. de Vigo-Vincios. Km.8.
Gondomar. Pontevedra

Telf: 986 46 80 51
Fax: 986 46 80 26

Alugal Ourense

Crta. de Ourense-Santiago. Km 545
Gusteí. Ourense

Telf: 988 20 42 11
Fax: 988 20 57 93

Alugal Oficinas

Crta. de Vigo-Vincios. Km.8.
Gondomar. Pontevedra

Telf: 986 46 83 30
Fax: 986 46 80 26

Alugal Toledo

Pol. Ind. San Sebastian.
C/ Herreros s/n. Madridejos. Toledo

Telf: 925 46 73 27
Fax: 925 46 73 22