DELTA 41

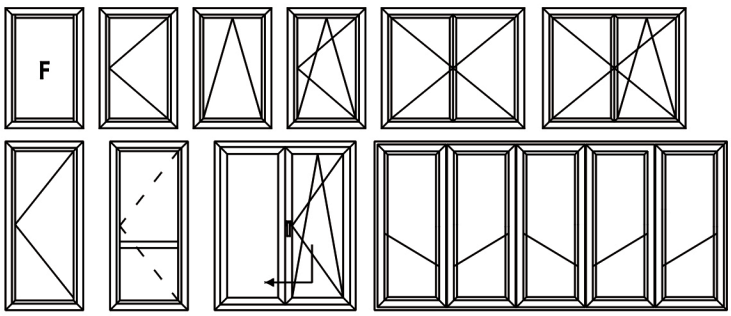
DELTA 41

CODALMHA, S.L.
COMERCIAL DEL ALUMINIO

CARACTERÍSTICAS TÉCNICAS

- Sistema practicable, canal de europeo.
- Sección de marco de 40 mm.
- Sección vista de 91 mm.
- Sin rotura de puente térmico
- Estanqueidad por medio de junta central de EPDM.
- Juntas interiores y de acristalamiento de EPDM.
- Acristalamiento máximo de 24 mm.
- Sistema de escuadras de tetón móvil.
- Aperturas; fijo, practicable, abatible, oscilo batiente, apertura exterior, osicilo-paralela, plegable.

APERTURAS

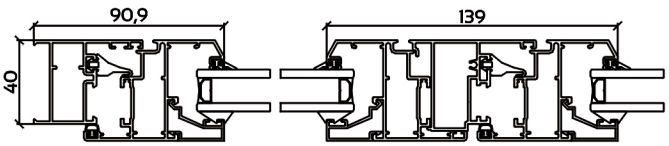


VALORES DE ENSAYO

Agua	Aire	Viento	Uw	Ruido
9A	4	C4	3,0 W/m²K	<35 dB

(Ventana de 1,23x1,48 metros 2 hojas)

SECCIÓN



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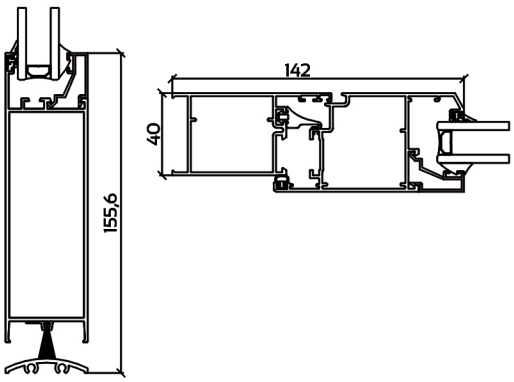
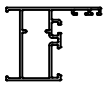
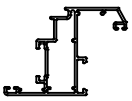
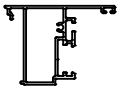
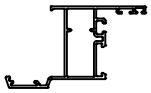
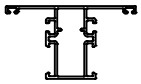
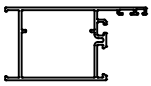
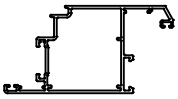
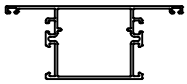
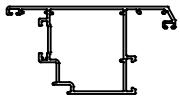
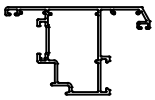
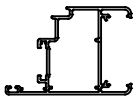
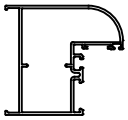
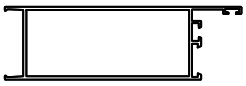
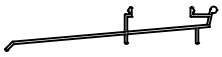
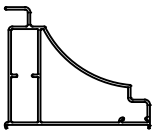


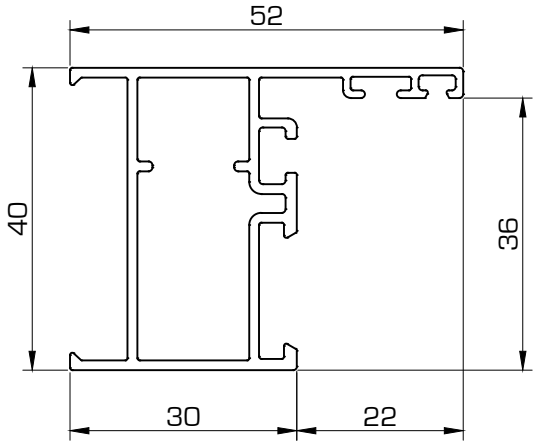
CODALMHA. Calle Aprisco, Nave 14.3 - Pol. Ind. Las Canteras 28341 Valdemoro (Madrid) Tlf: 91 893 18 28 fax: 91 893 18 36 www.codalmha.com

Referencia	Dibujo	Descripción	Momento de Inercia cm^4		Perímetro dm^2
			Ix	Iy	
5400		Marco ventana	5,5	3,9	38,5
5401		Hoja ventana	9,9	7,6	48,2
5402		Inversor	6,9	5,8	43,7
5403		Marco con solape	8,4	9	45,6
5404		Travesaño 40 x 71,4	6,1	7	45,6
5420		Marco puerta	9	16,3	48,6
5421		Hoja puerta	15,1	25,4	58,4

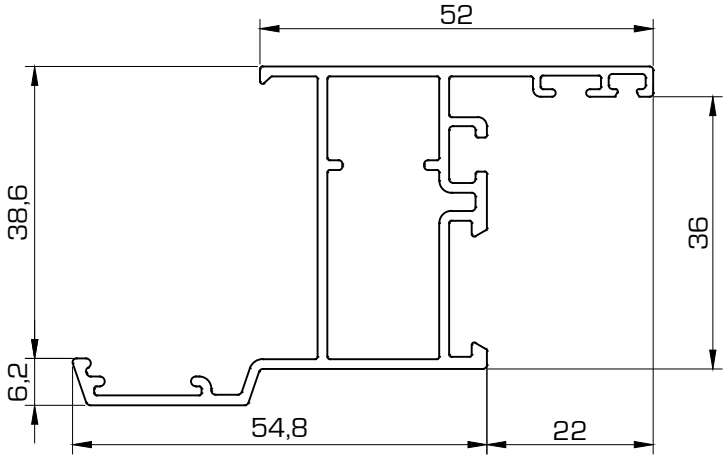
Referencia	Dibujo	Descripción	Momento de Inercia cm^4		Perímetro dm^2
			Ix	Iy	
5424		Travesaño 40 x 97 mm	9,3	23,1	55,5
5428		Hoja apertura exterior	13,8	25,7	58,6
5430		Hoja balconera apertura exterior	11	14,6	53,2
5454		Hoja mallorquina	12,1	11,3	51,5
1452		Marco escaparate	17,7	13,8	55,5
1425		Zócalo central	16,2	84,7	72,1
1426		Zócalo inferior	18	104,7	71,3

Referencia	Dibujo	Descripción	Momento de Inercia cm^4		Perímetro dm^2
			Ix	Iy	
1429		Cortavientos vaiven			12,3
1431		Condensación	0,7	27,1	33,9
1432		Condensación	0,9	7,4	26,4
1435		Vierteaguas hoja			7,4
5051		Perfil remate			14,1
5452		Perfil embellecedor puerta			64,6
162		Tubo para esquinero			24,3

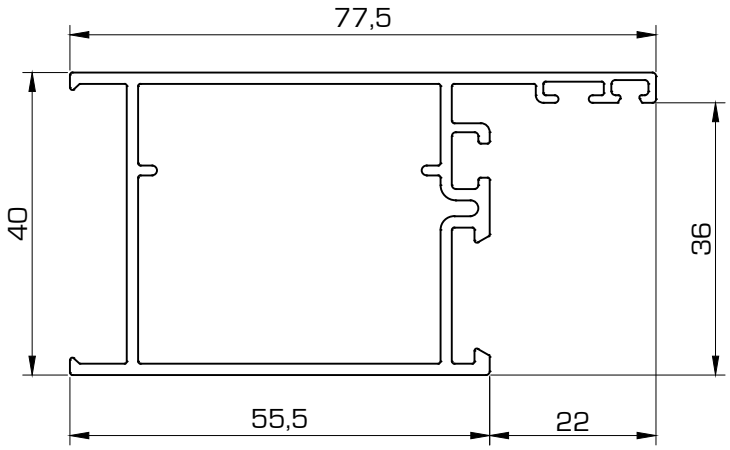
5400 Marco Ventana



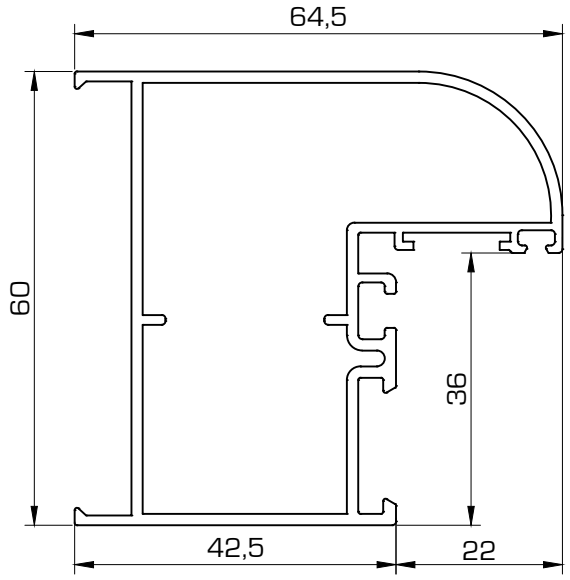
5403 Marco con Solape



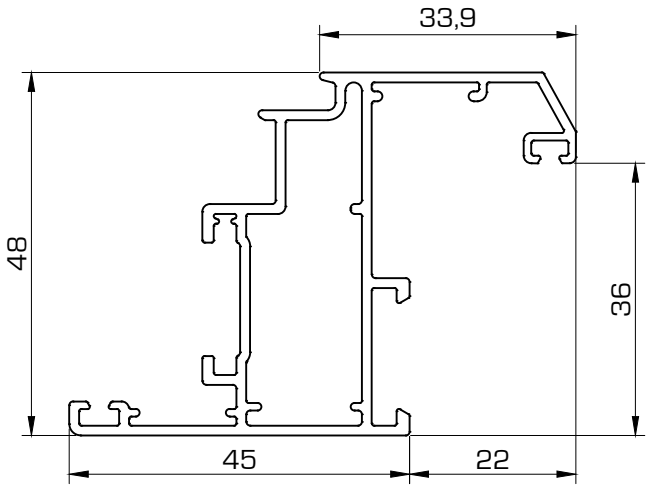
5420 Marco Puerta



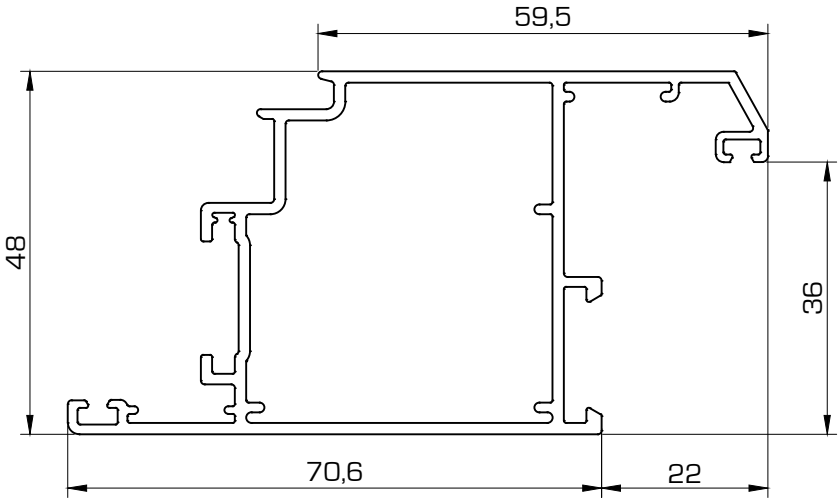
1452 Marco Escaparate



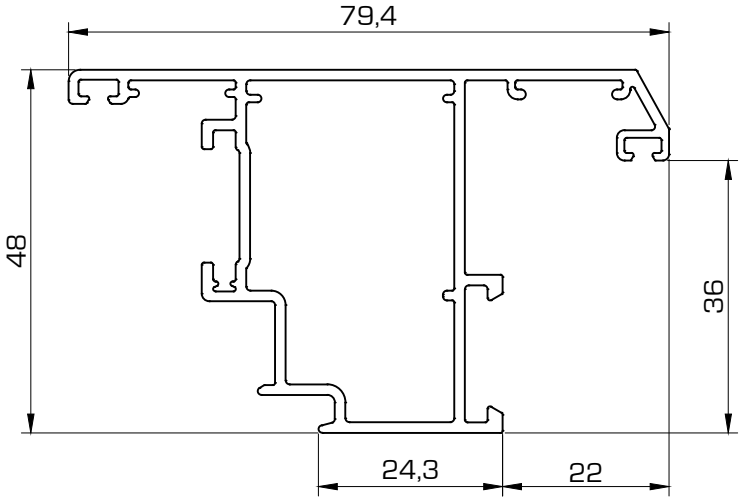
5401 Hoja Ventana



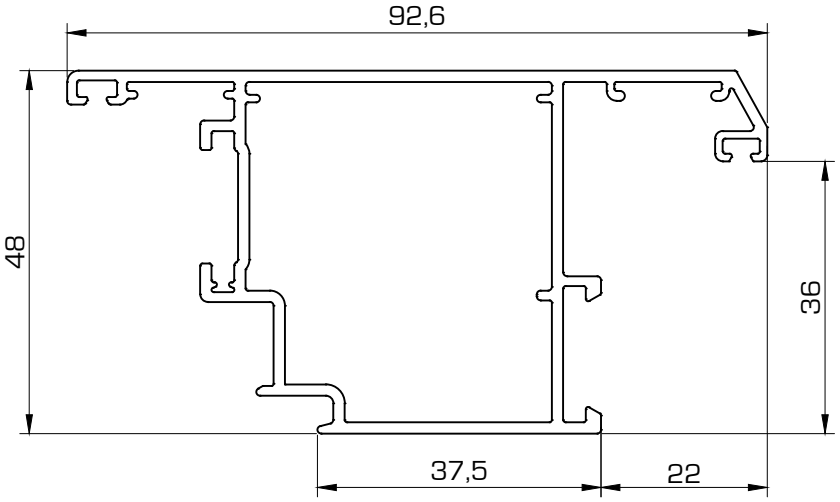
5421 Hoja Puerta



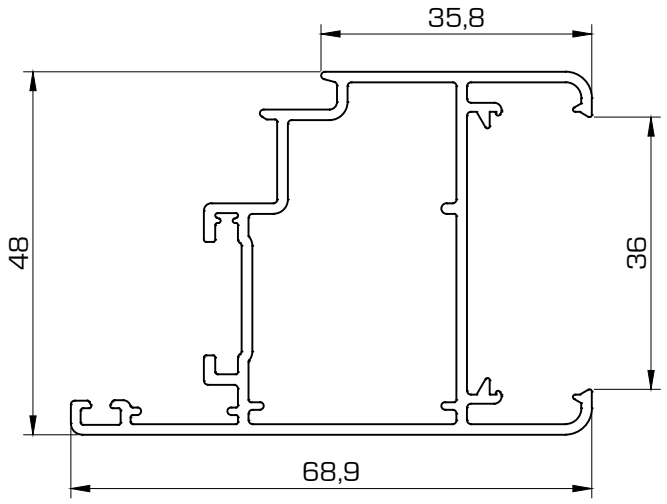
5430 Hoja Balconera Apertura Exterior



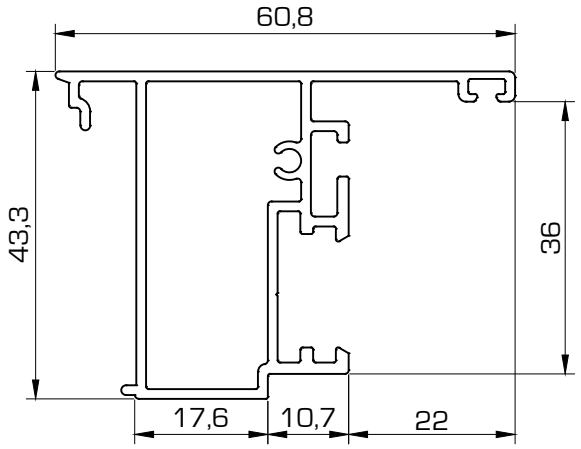
5428 Hoja Apertura Exterior



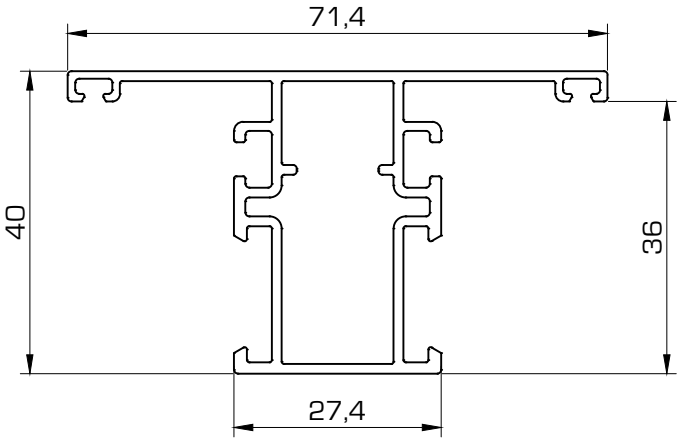
5454 Hoja Mallorquina



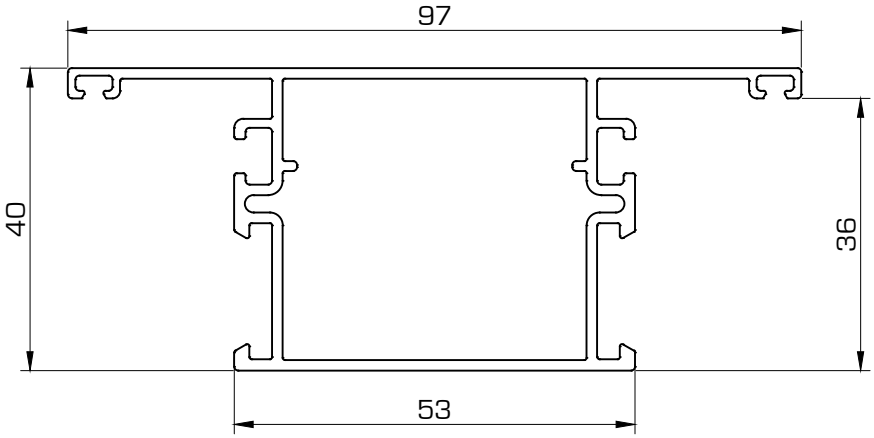
5402 Inversor



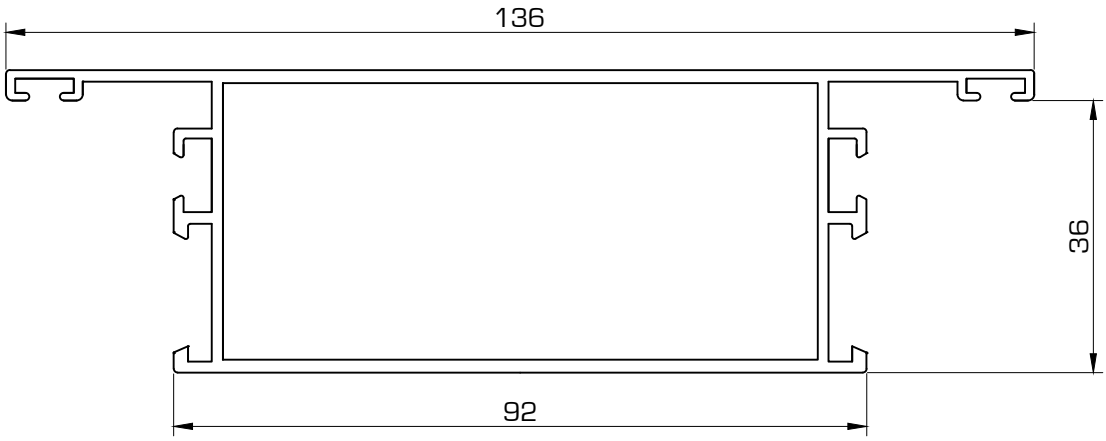
5404 Travesaño 40 x 71,4 mm



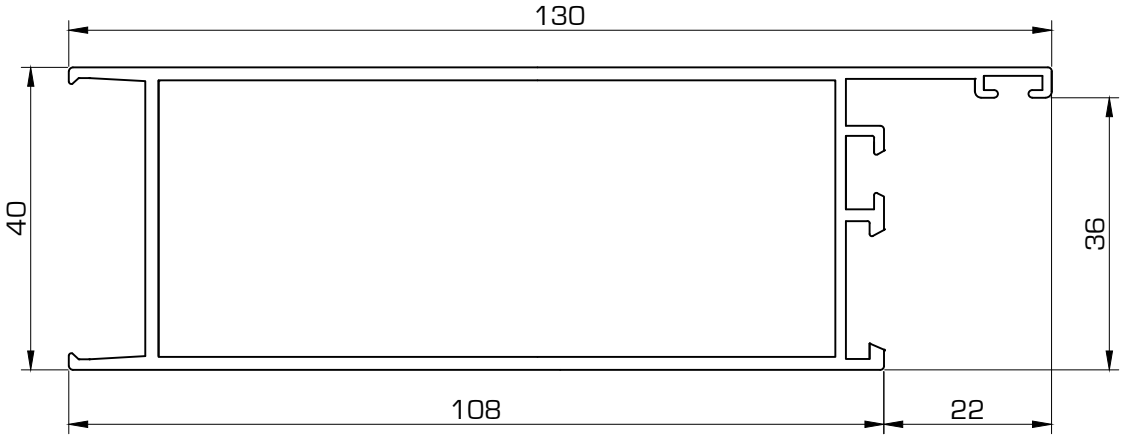
5424 Travesaño 40 x 97 mm



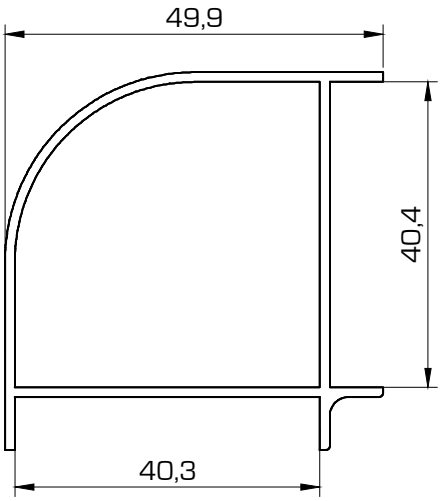
1425 Zócalo central



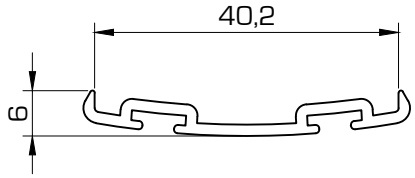
1426 Zócalo inferior



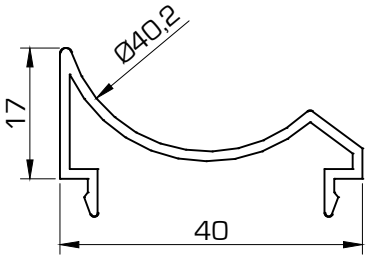
430 Esquinero curvo 90º



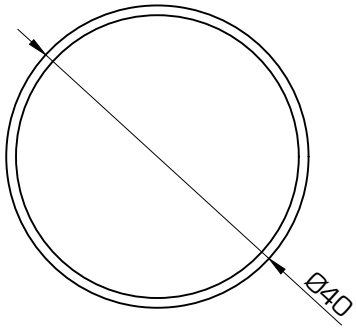
1429 Cortavientos Vaivén



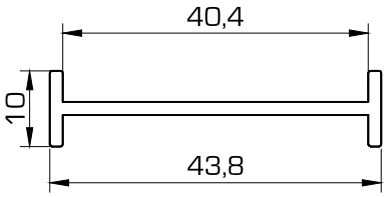
433 Acoplamiento esquinero



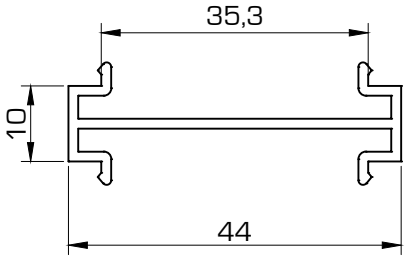
162 Tubo para esquinero



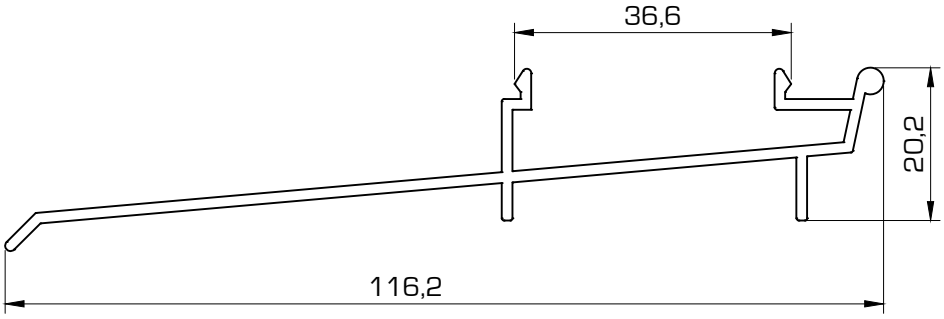
435 Unión Exterior



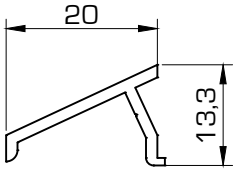
436 Perfil unión



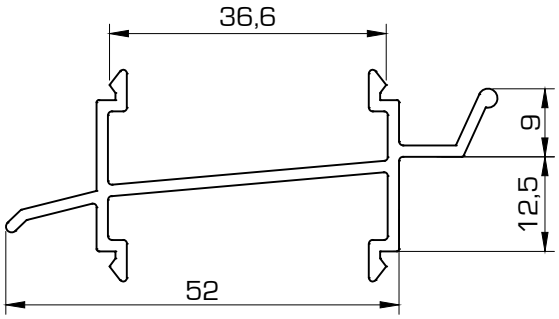
1431 Condensación



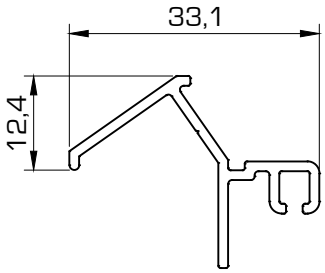
1435 Vierteaguas hoja



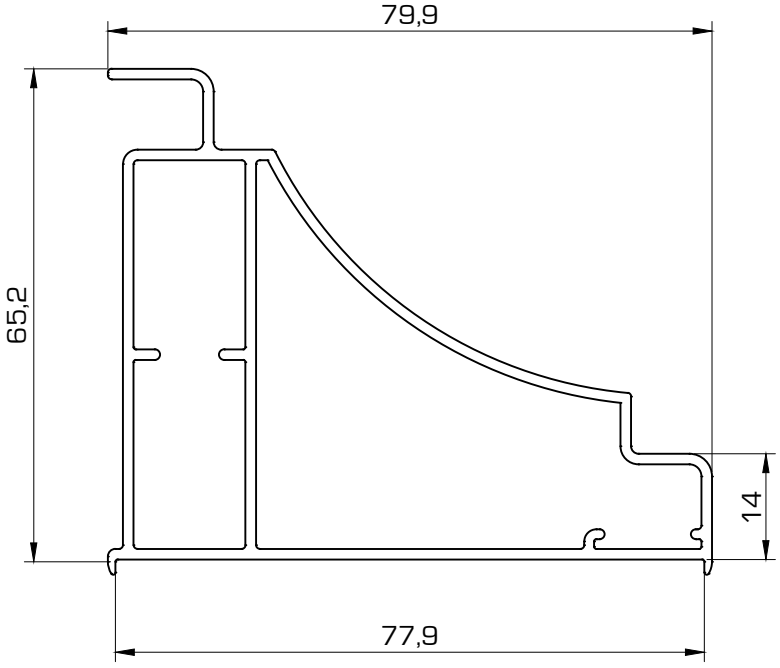
1432 Condensación



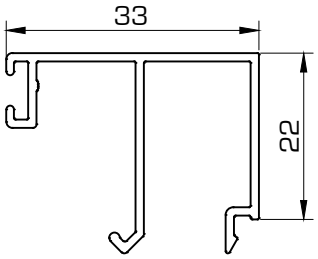
5051 Perfil remate



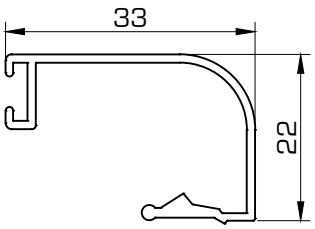
5452 Perfil embellecedor marco puerta



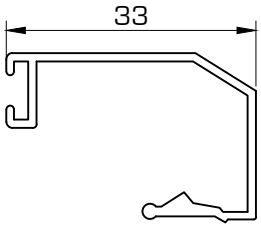
1406 Junquillo 33 mm



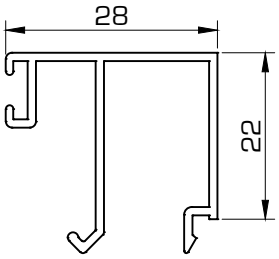
1438 Junquillo 33 mm



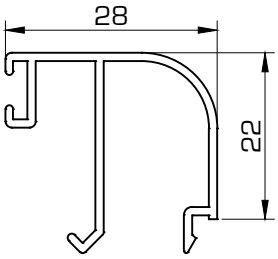
5014 Junquillo 33 mm



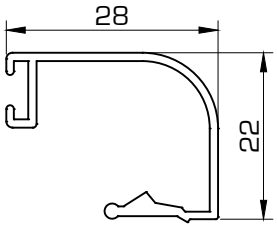
1413 Junquillo 28 mm



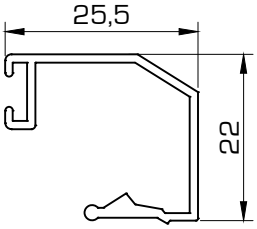
1436 Junquillo 28 mm



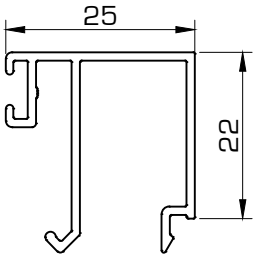
1409 Junquillo 28 mm



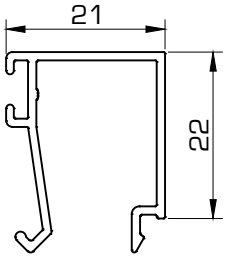
5011 Junquillo 25,5 mm



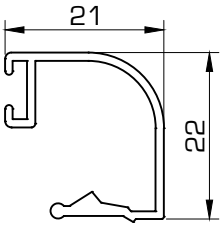
5013 Junquillo 25 mm



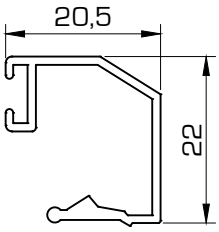
1414 Junquillo 21 mm



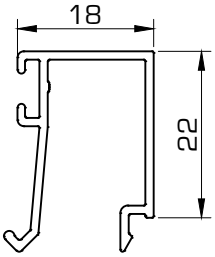
1410 Junquillo 21 mm



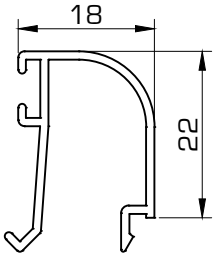
5012 Junquillo 20,5 mm



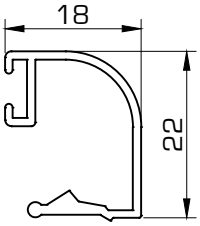
1415 Junquillo 18 mm



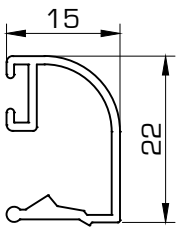
1439 Junquillo 18 mm



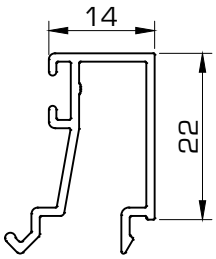
1411 Junquillo 18 mm



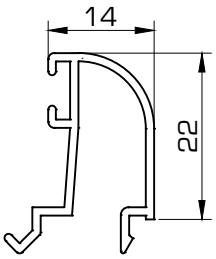
1412 Junquillo 15 mm



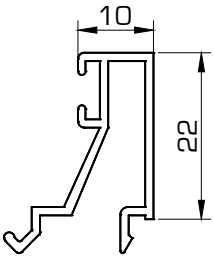
1416 Junquillo 14 mm



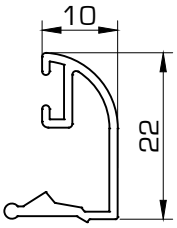
1437 Junquillo 14 mm

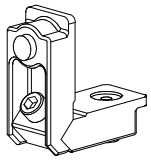
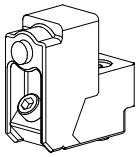
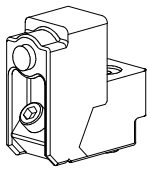
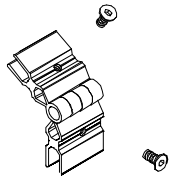
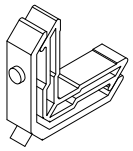
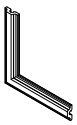
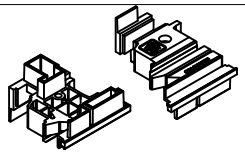
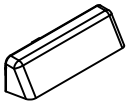


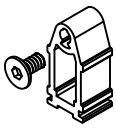
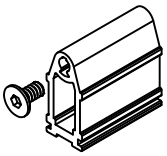
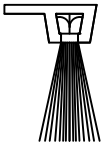
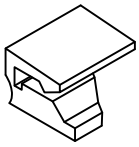
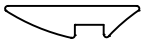
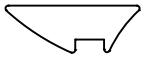
1417 Junquillo 10 mm

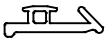
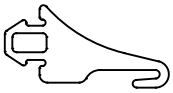
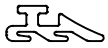
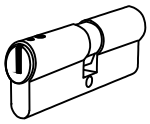
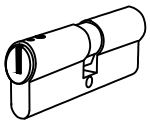


1407 Junquillo 10 mm

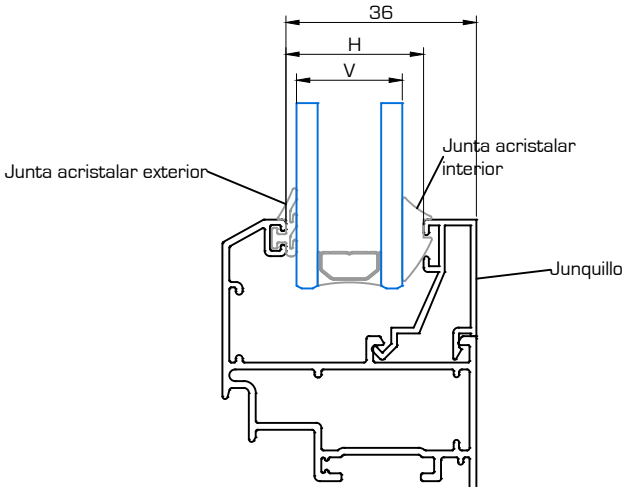


Referencia	Dibujo	Descripción	Observaciones
E020		Escuadra ventana interior	
E022		Escuadra interior puerta	5430 y 5454 Escuadra hoja
E023		Escuadra interior puerta	
E024		Escuadra ventana falseo	
E025		Escuadra tetón fijo (opcional para puerta)	
E030		Escuadra de alineamiento	
E031		Escuadra de alineamiento	
K041		Juego tapones de inversor	
T040		Salida de aguas	

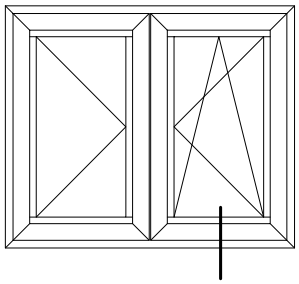
Referencia	Dibujo	Descripción	Observaciones
U005		Tope unión de travesaño ventana	
U006		Tope unión de travesaño puerta (5026 2 Uds)	
F020		Cepillo	
1453		Cepillo puerta	
F040		Cepillo	
G100		Grapa sujección junquillo curvo	
G056		Junta interior	
G001		Goma de cuña de 2 mm	
G002		Goma de cuña de 4 mm	

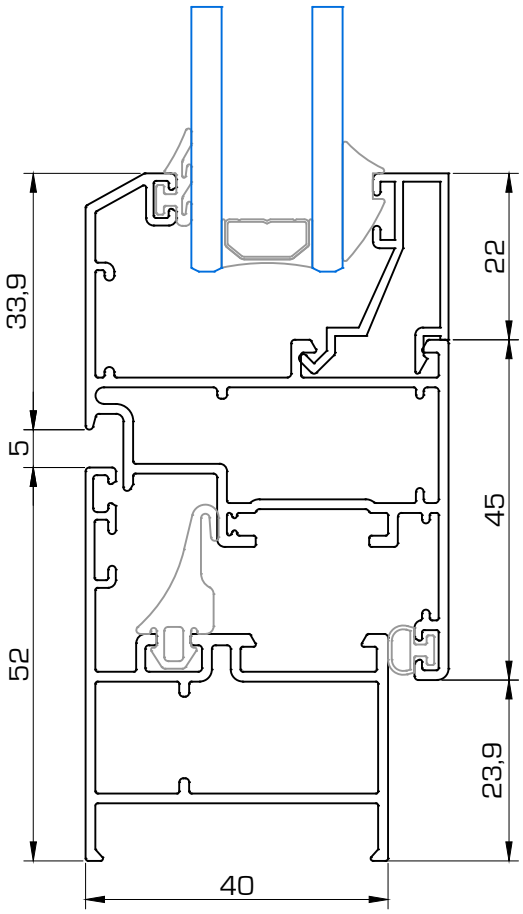
Referencia	Dibujo	Descripción	Observaciones
G073		Goma batiente exterior	
G074		Goma junta central	
G077		Goma exterior para acristalado	
B052		Bombín 30/40	
B051		Bombín 30/40 seguridad	

ACRISTALAMIENTO



Junquillo	Hueco (H)	Junta exterior	Junta interior	Medida Vidrio (V)
1406 (33 mm) recto clip	1 mm			Chapa
1438 (33 mm) Curvo grapa				
5014 (33 mm) Chaflan grapa				
1413 (28 mm) recto clip	8 mm			
1436 (28 mm) curvo clip				
1409 (28 mm) curvo de grapa				
5011 (25,5 mm) chaflán de grapa	11mm	G077		11
5013 (25 mm) recto clip				11
1414 (21 mm) recto clip	15 mm	G077	G001	10
1410 (21 mm) curvo grapa				
5012 (20,5 mm) chaflán grapa			G002	8
1415 (18 mm) recto clip	18 mm	G077	G001	13
1439 (18 mm) curvo clip				
1411 (18 mm) curvo grapa			G002	11
1412 (15 mm) curvo grapa	21 mm	G077	G001	17
			G002	14
1416 (14 mm) recto clip	22 mm	G077	G001	17
1437 (14 mm) curvo clip			G002	15
1417 (10 mm) recto clip	26 mm	G077	G001	21
1407 (10 mm) curvo grapa			G002	19

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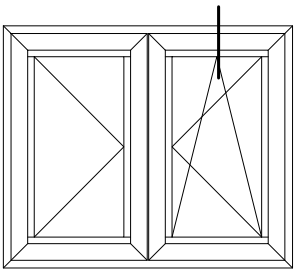

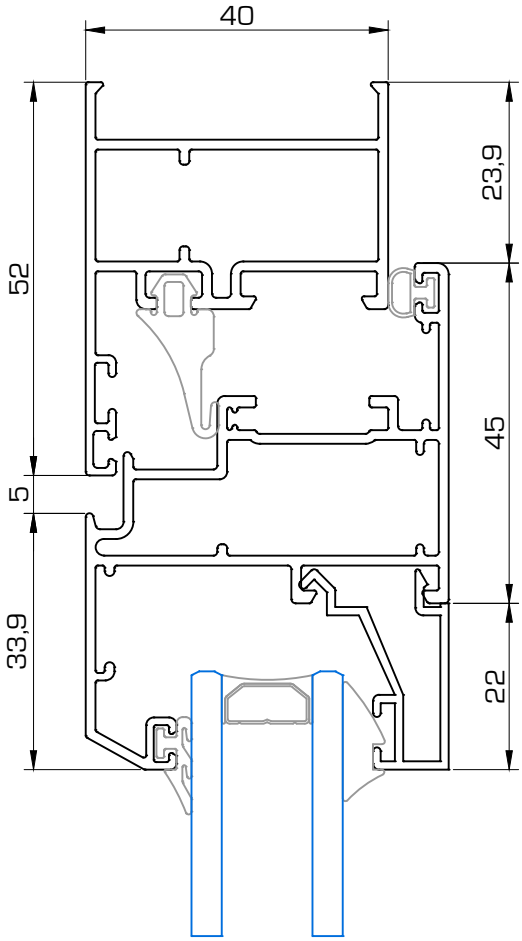
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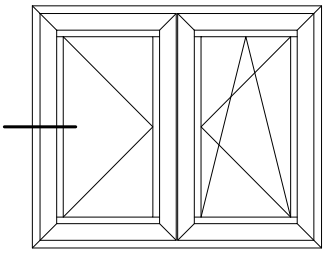

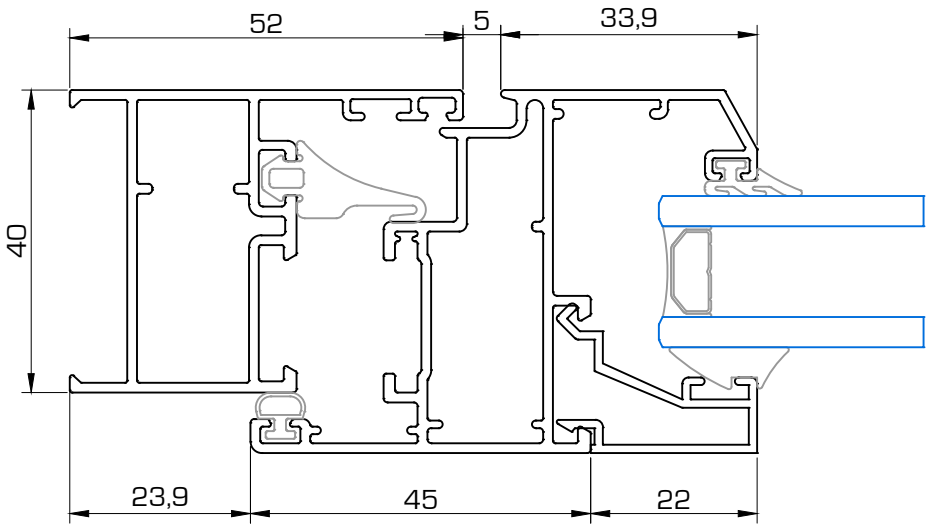
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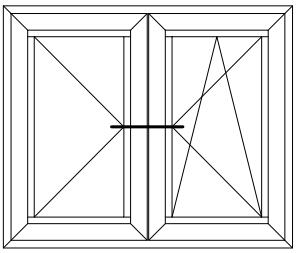

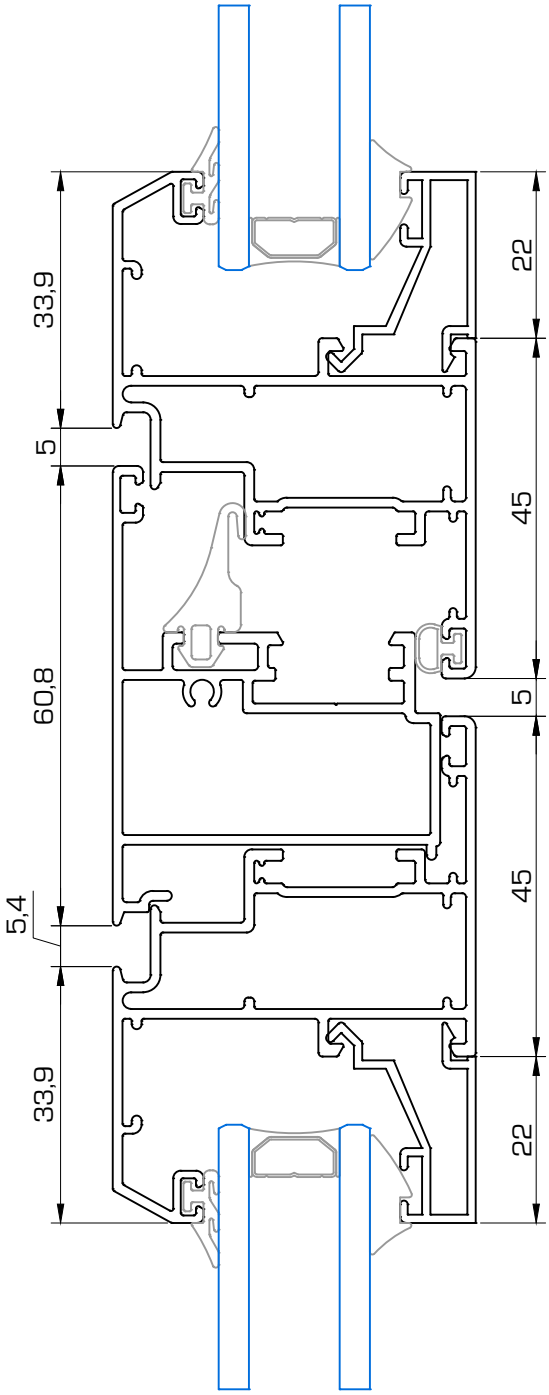
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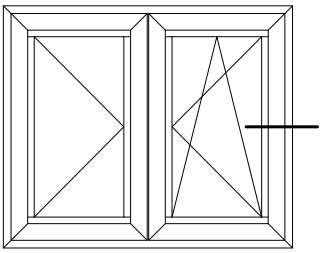

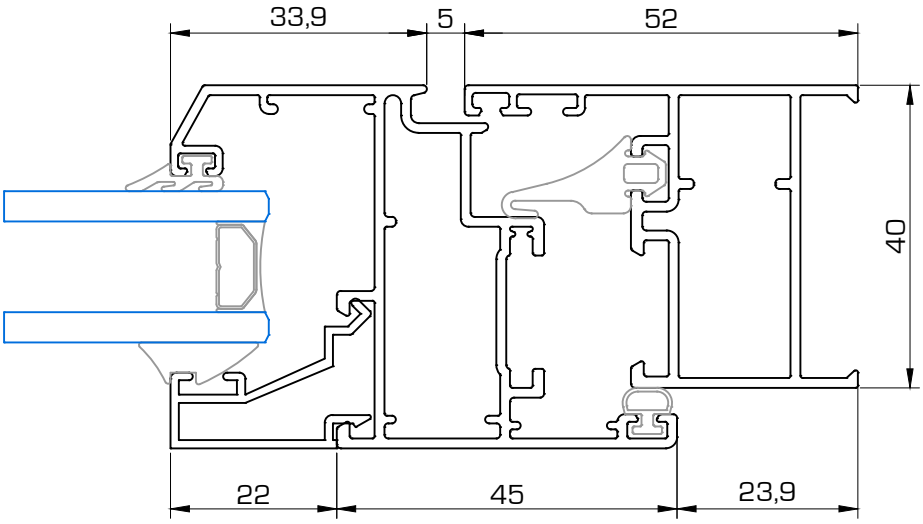
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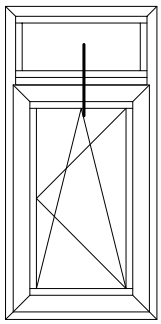

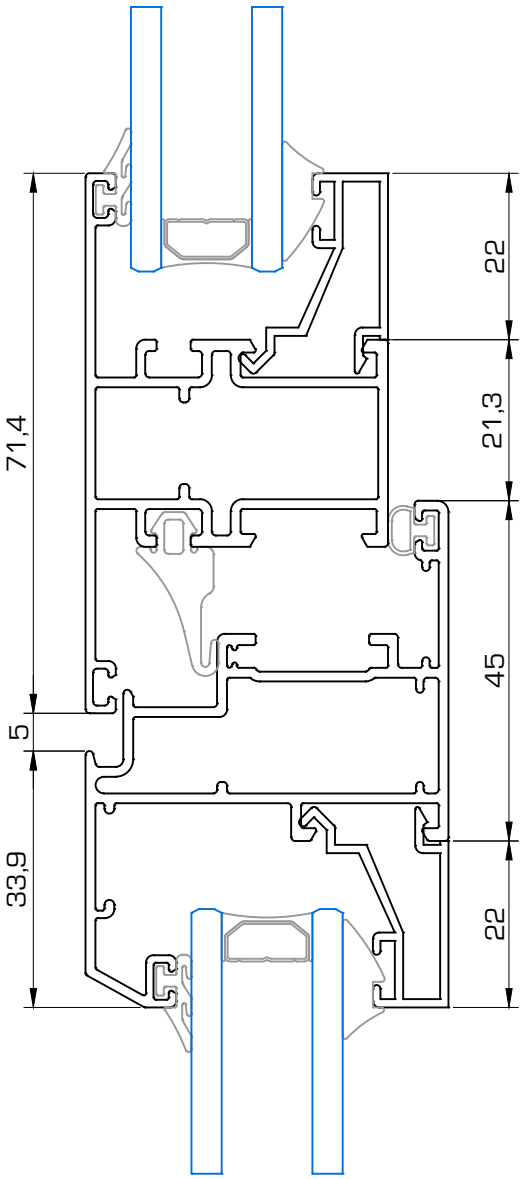
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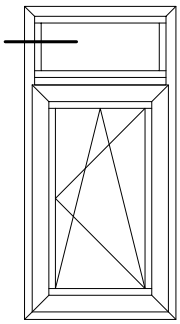

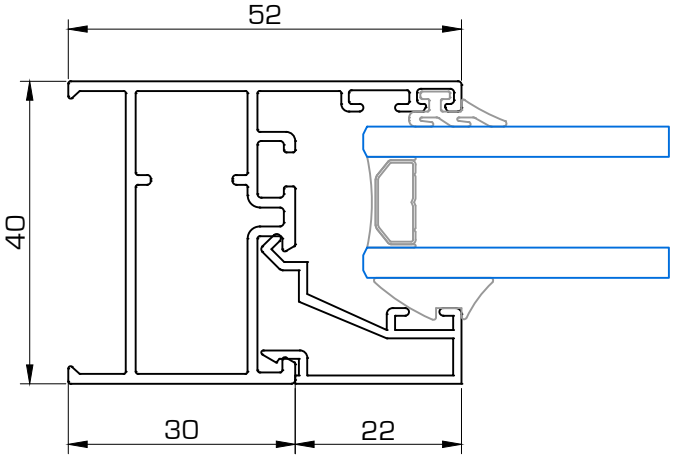
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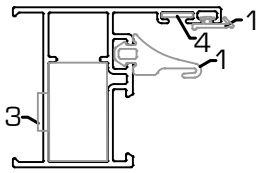
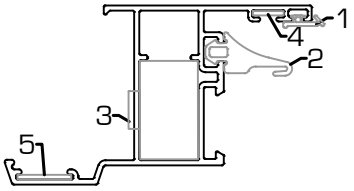
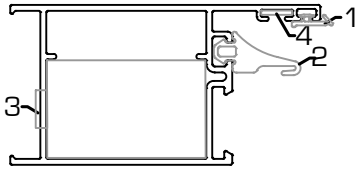
Accesorios Marco ventana Ref.5400		
1	G073	Goma batiente marco (OPCIONAL)
2	G074	Goma junta central
3	E020	Escuadra ventana interior
4	E030	Escuadra alineamiento



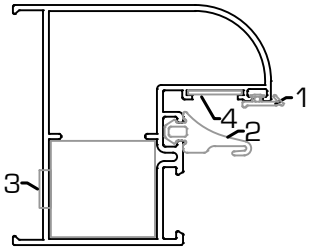
Accesorios Marco con solape Ref.5403		
1	G073	Goma batiente marco (OPCIONAL)
2	G074	Goma junta central
3	E020	Escuadra ventana interior
4	E030	Escuadra alineamiento



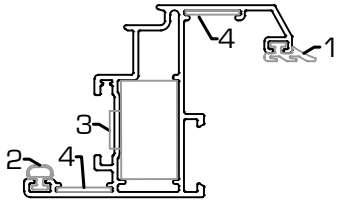
Accesorios Marco puerta Ref.5420		
1	G073	Goma batiente marco (OPCIONAL)
2	G074	Goma junta central
3	E023	Escuadra puerta interior
4	E030	Escuadra alineamiento
5	E031	Escuadra alineamiento



Accesorios Marco escaparate Ref.1452		
1	G073	Goma batiente marco (OPCIONAL)
2	G074	Goma junta central
3	E022	Escuadra puerta interior
4	E031	Escuadra alineamiento



Accesorios Hoja ventana Ref.5401		
1	G077	Goma exterior para acristalado
2	G056	Goma batiente hoja
3	E020	Escuadra ventana interior
4	E031	Escuadra de alineamiento



Accesorios Hoja puerta Ref.5421		
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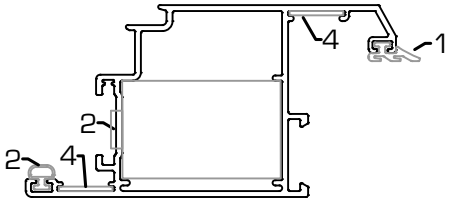
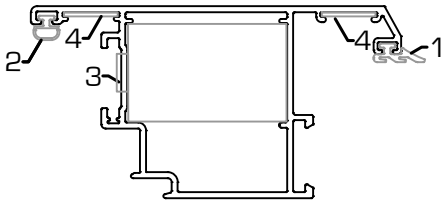
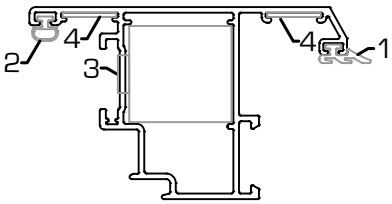
2	G056	Goma batiente hoja
3	E023	Escuadra puerta interior
4	E031	Escuadra de alineamiento



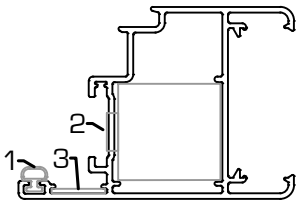
Accesorios Hoja apertura exterior Ref.5428		
1	G077	Goma exterior para acristalado
2	G056	Goma batiente hoja
3	E023	Escuadra puerta exterior
5	E031	Escuadra alineamiento



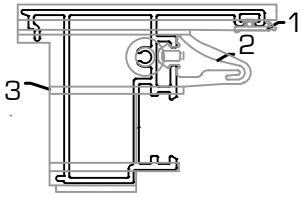
Accesorios Hoja balconera apertura exterior Ref.5430		
1	G077	Goma exterior para acristalado
2	G056	Goma batiente hoja
3	E022	Escuadra puerta exterior
4	E031	Escuadra alineamiento



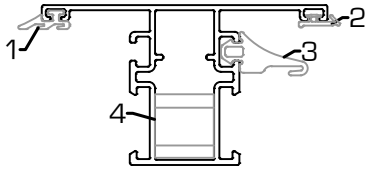
Accesorios Hoja mallorquina Ref.5454		
1	G056	Goma batiente hoja
2	E022	Escuadra puerta exterior
3	E031	Escuadra alineamiento



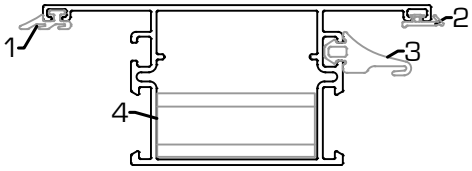
Accesorios Inversor Ref.5502		
1	G073	Goma batiente marco (OPCIONAL)
2	G074	Goma junta central
3	K041	Juego tapones de inversor



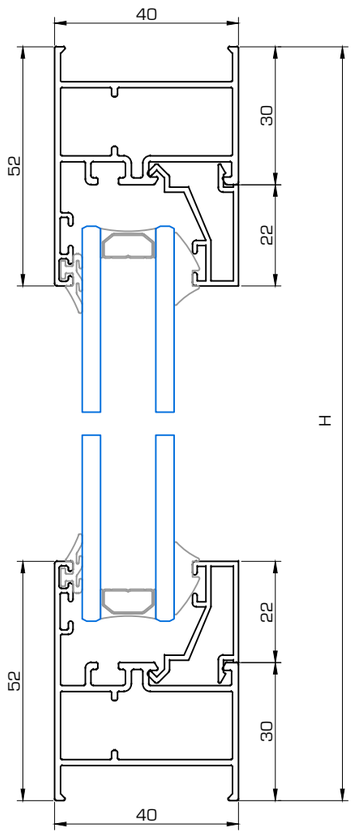
Accesorios Travesaño 40 x 71,4 mm Ref.5404		
1	G077	Goma exterior para acristalado
2	G073	Goma batiente marco (OPCIONAL)
3	G074	Goma junta central
4	U005	Tope unión de travesaño ventana



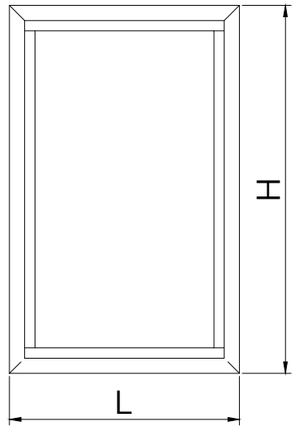
Accesorios Travesaño 40 x 97 mm Ref.5424		
1	G077	Goma exterior para acristalado
2	G073	Goma batiente marco (OPCIONAL)
3	G074	Goma junta central
4	U006	Tope unión de travesaño ventana

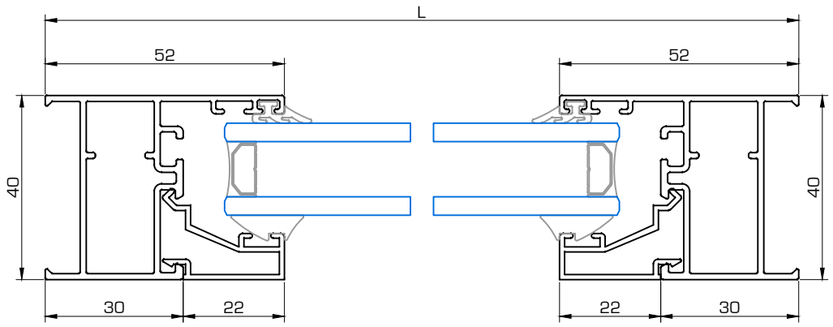


SECCIÓN FIJO

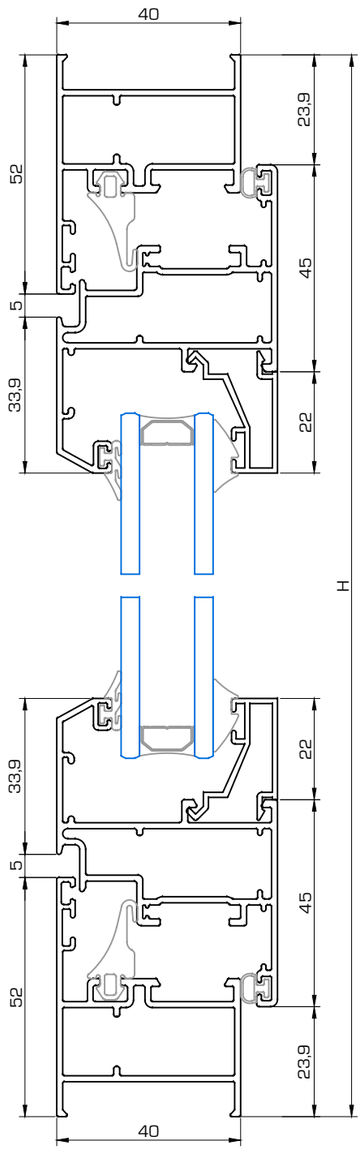


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	L - 60 H - 104
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	L - 60 H - 60

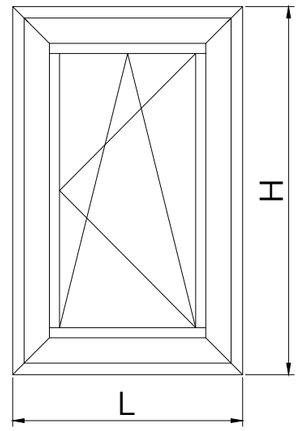


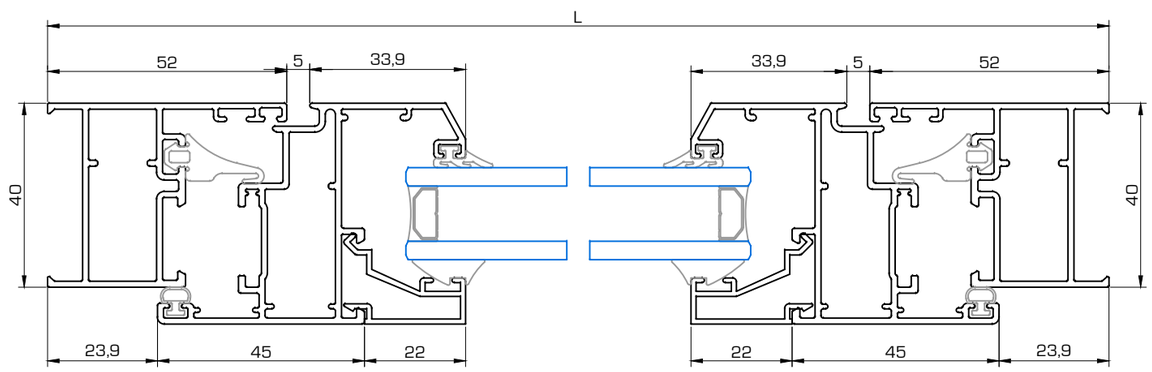


SECCIÓN VENTANA 1 HOJA

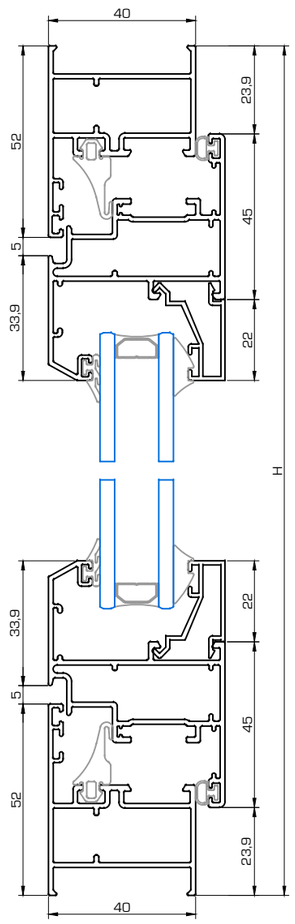


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5401		Hoja horizontal Hoja vertical		2 2	L - 48 H - 48
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	L - 140 H - 182
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	L - 140 H - 140

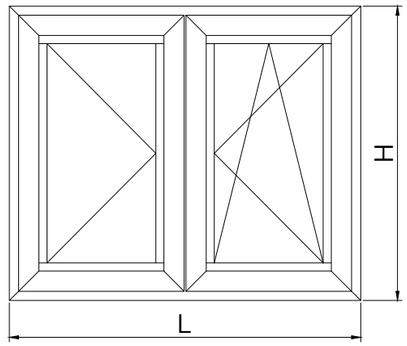


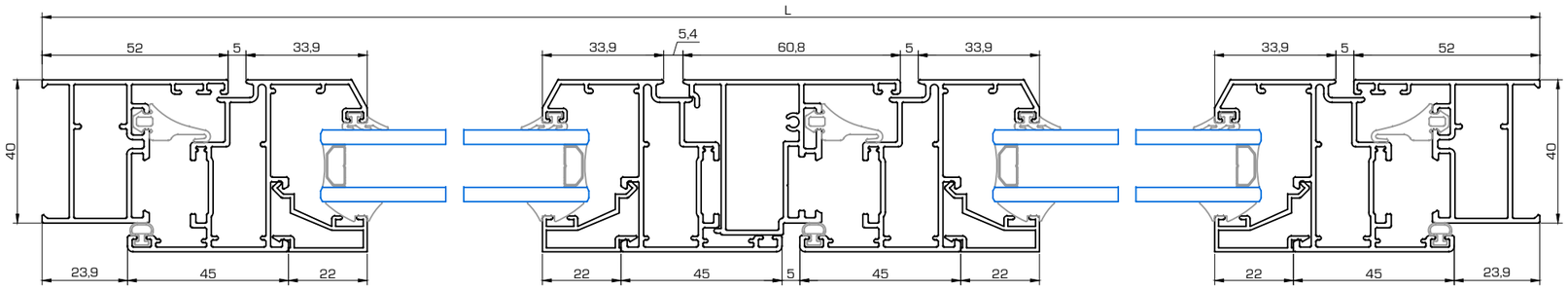


SECCIÓN VENTANA 2 HOJAS

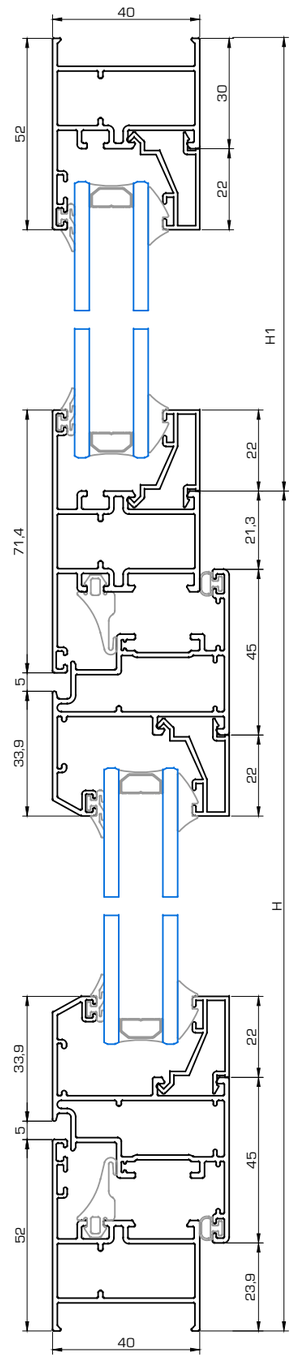


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5401		Hoja horizontal Hoja vertical		4 4	(L-53)/2 H-48
5402		Inversor		1	H-118
Junquillos Clip		Junquillo horizontal Junquillo vertical		4 4	(L-233)/2 H-182
Junquillos Grapa		Junquillo horizontal Junquillo vertical		4 4	(L-233)/2 H-138

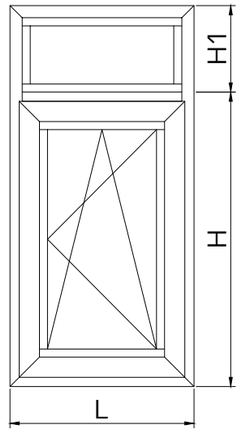


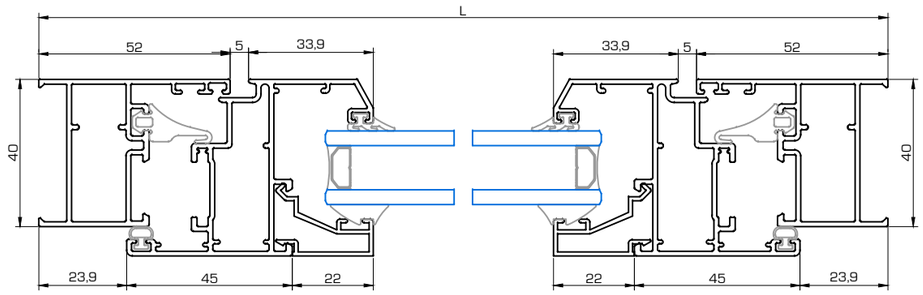


SECCIÓN VENTANA 1 HOJA CON FIJO

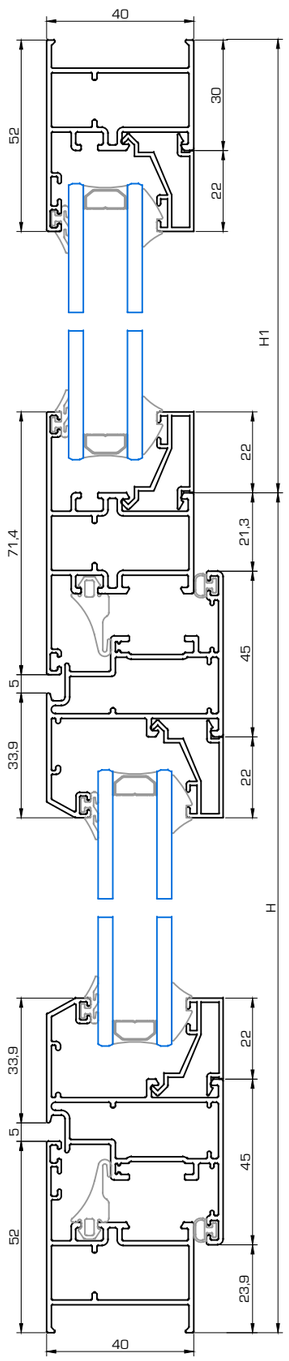


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5401		Hoja horizontal Hoja vertical		2 2	L - 48 H - 45,4
5404		Travesaño		1	L - 50,4
Junquillos Clip (hojas)		Junquillo horizontal Junquillo vertical		2 2	L - 140 H - 180
Junquillos Grapa (hojas)		Junquillo horizontal Junquillo vertical		2 2	L - 140 H -138
Junquillos Clip (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 60 H1 - 74
Junquillos Grapa (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 60 H1 - 30

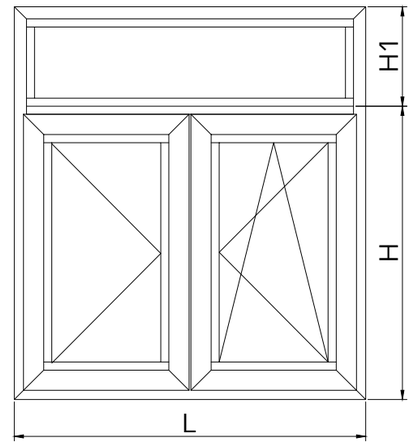


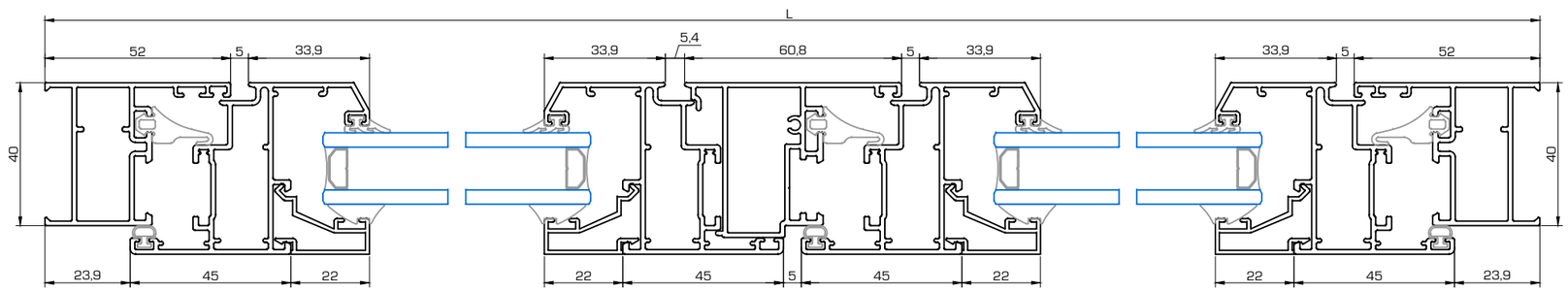


SECCIÓN VENTANA 2 HOJAS CON FIJO

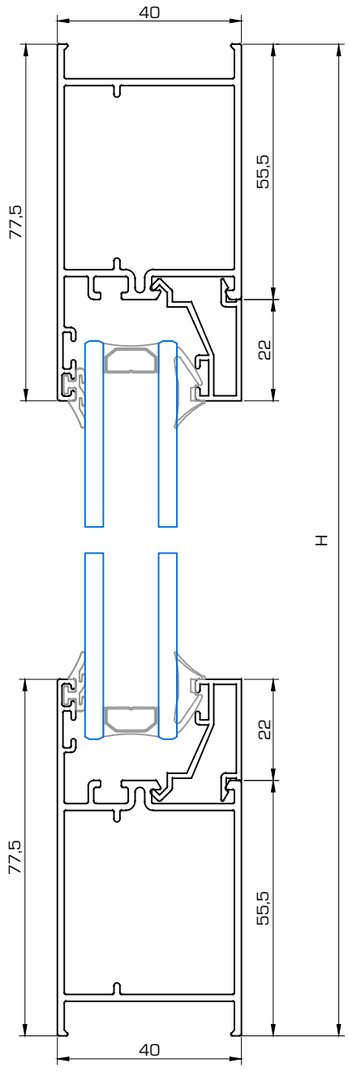


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5401		Hoja horizontal Hoja vertical		4 4	(L-53)/2 H - 46
5402		Inversor		1	H - 116
5404		Travesaño		1	L - 50,4
Junquillos Clip (hojas)		Junquillo horizontal Junquillo vertical		4 4	(L-233)/2 H - 180
Junquillos Grapa (hojas)		Junquillo horizontal Junquillo vertical		4 4	(L-233)/2 H - 136
Junquillos Clip (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 60 H1 - 74
Junquillos Grapa (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 60 H1 - 30

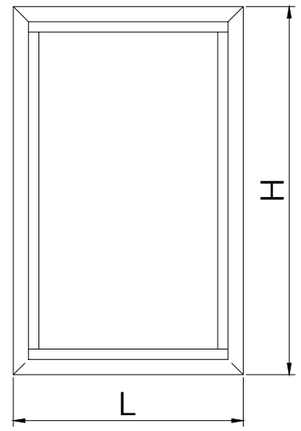


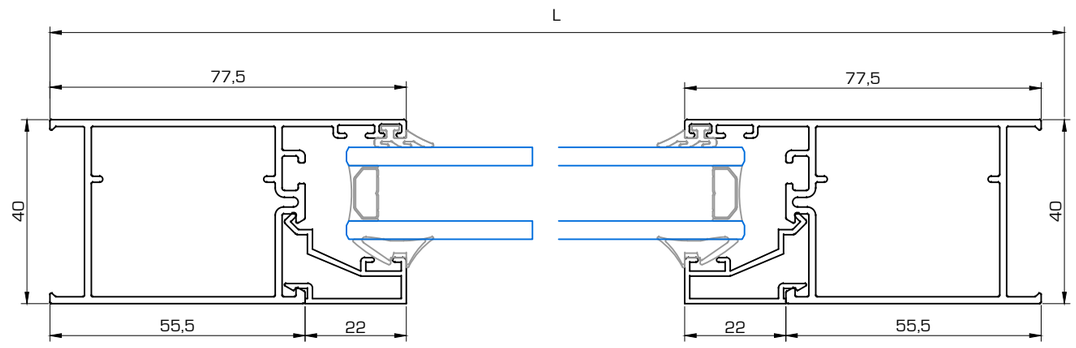


SECCIÓN FIJO MARCO PUERTA

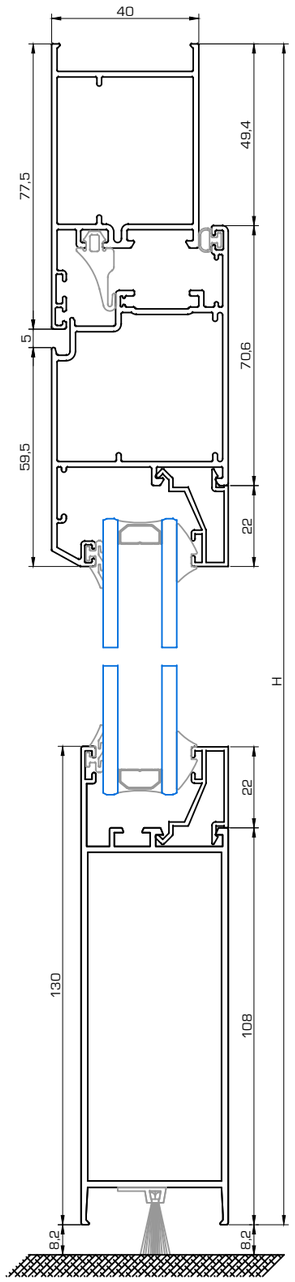


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		2 2	L H
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	L - 111 H - 155
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	L - 111 H - 111

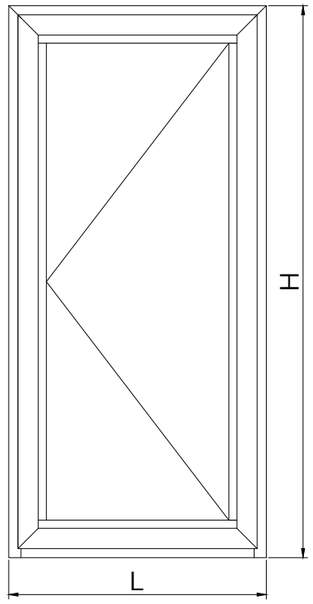


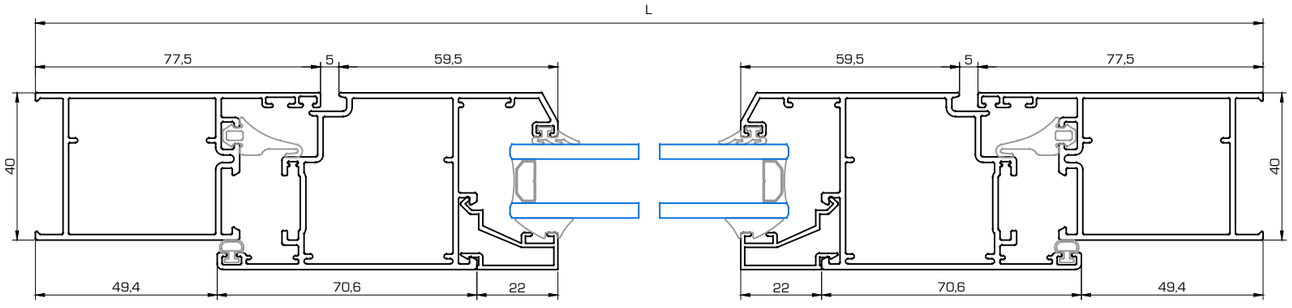


SECCIÓN PUERTA 1 HOJA

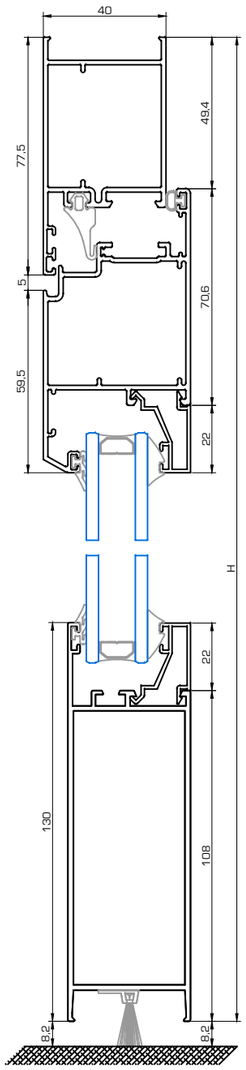


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal		1	L
		Marco vertical		2	H
5421		Hoja horizontal		1	L-99
		Hoja vertical		2	H-49,5
1426		Zócalo		1	L-230
Junquillos Clip		Junquillo horizontal		2	L-240
		Junquillo vertical		2	H-272
Junquillos Grapa		Junquillo horizontal		2	L-243
		Junquillo vertical		2	H-204,6

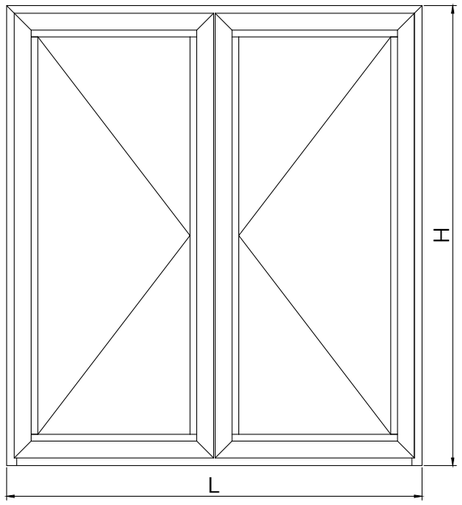


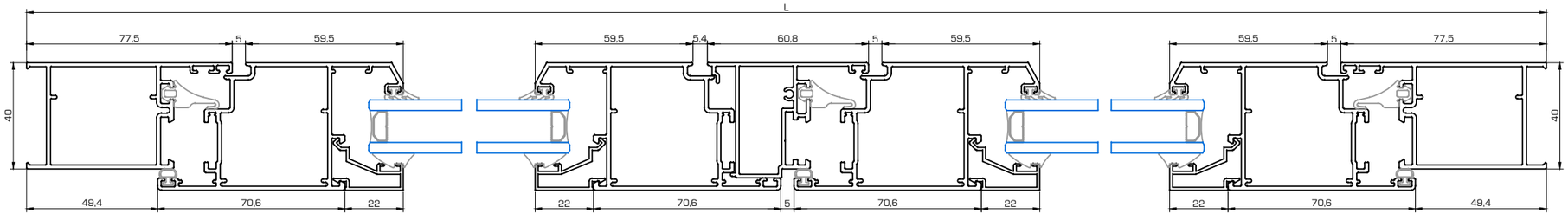


SECCIÓN PUERTA 2 HOJAS

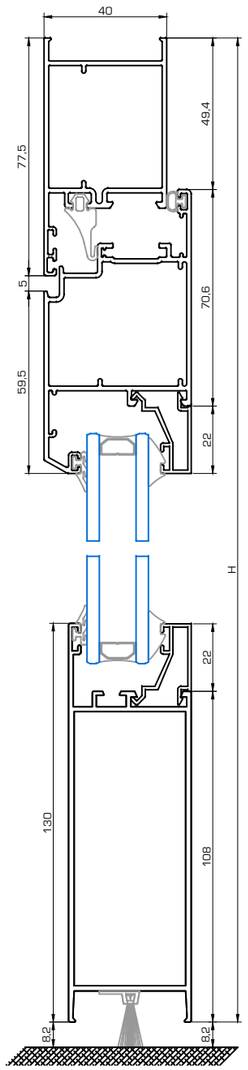


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		2 1	L H
5421		Hoja horizontal Hoja vertical		1 2	(L-104)/2 H-49,5
5402		Inversor		1	H-85
1426		Zócalo		2	(L-366)/2
Junquillos Clip		Junquillo horizontal Junquillo vertical		4 4	(L-386)/2 H-272
Junquillos Grapa		Junquillo horizontal Junquillo vertical		4 4	(L-386)/2 H-238

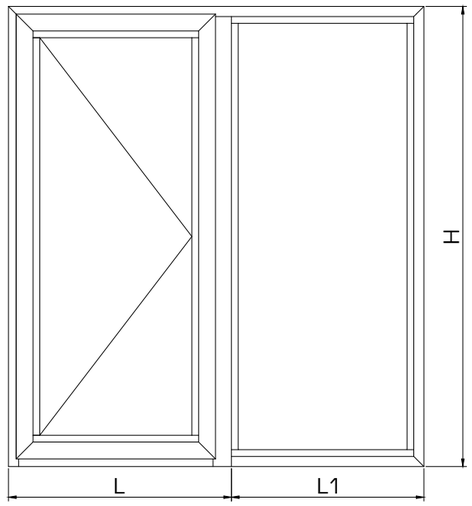


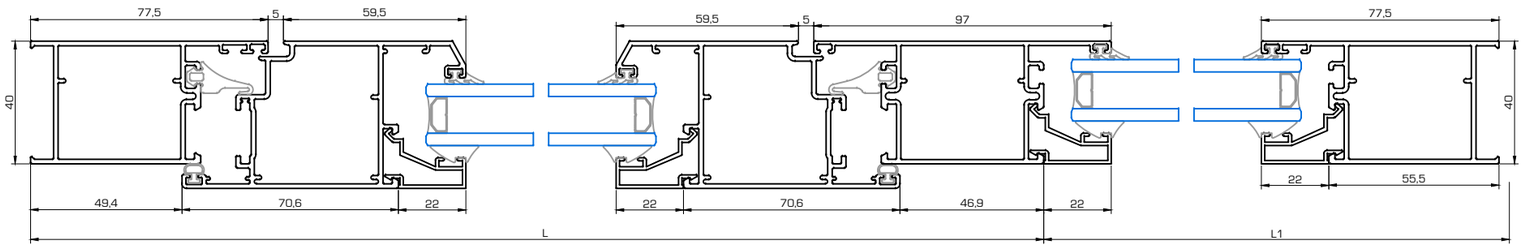


SECCIÓN PUERTA 1 HOJA CON FIJO LATERAL

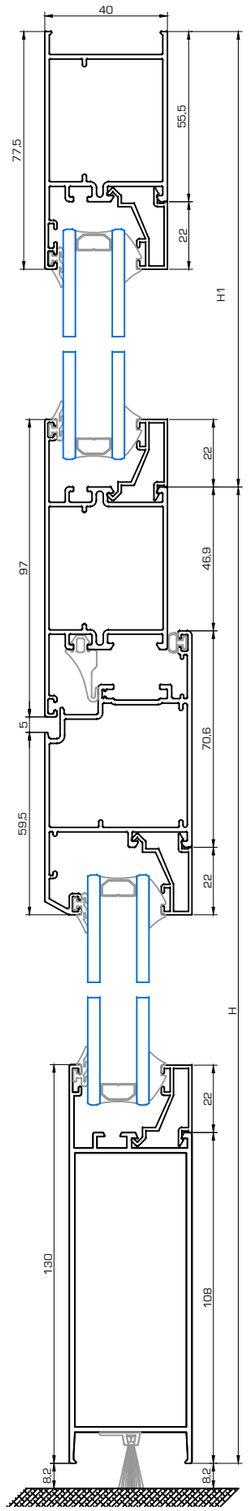


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal		1	L+L1
		Marco horizontal		1	L1
		Marco vertical		1	H
		Marco vertical		1	H
5421		Hoja horizontal		2	L - 96,5
		Hoja vertical		2	H - 49,5
5024		Travesaño		1	H - 50,5
1426		Zócalo		1	L - 227,5
Junquillos Clip (hojas)		Junquillo horizontal		2	L - 238
		Junquillo vertical		2	H - 272
Junquillos Grapa (hojas)		Junquillo horizontal		2	L - 238
		Junquillo vertical		2	H - 228
Junquillos Clip (fijo)		Junquillo horizontal		2	L1 - 55,5
		Junquillo vertical		2	H - 155
Junquillos Grapa (fijo)		Junquillo horizontal		2	L1 - 55,5
		Junquillo vertical		2	H - 111

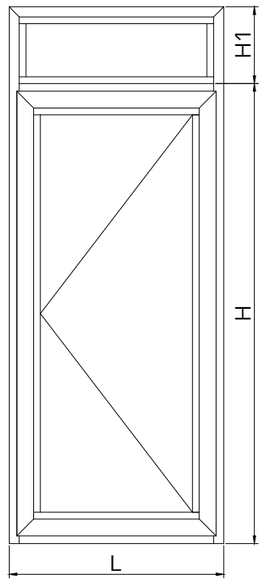


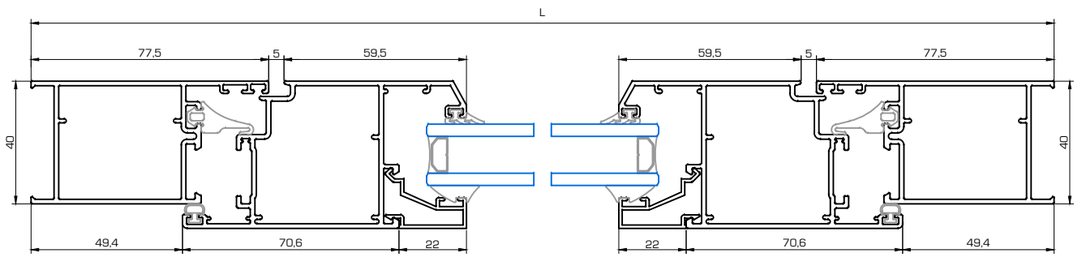


SECCIÓN PUERTA 1 HOJA CON FIJO SUPERIOR

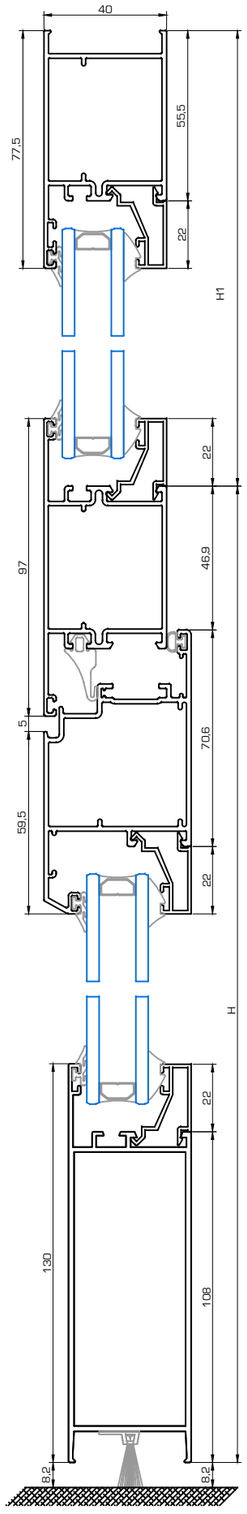


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		1 2	L H + H1
5421		Hoja horizontal Hoja vertical		4 4	L - 99 H - 58
5024		Travesaño		1	L - 101
1426		Zócalo		1	L - 230
Junquillos Clip (hojas)		Junquillo horizontal Junquillo vertical		4 4	L - 243 H - 246
Junquillos Grapa (hojas)		Junquillo horizontal Junquillo vertical		4 4	L - 243 H - 202
Junquillos Clip (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 111 H1 - 99,5
Junquillos Grapa (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 111 H1 - 55,5

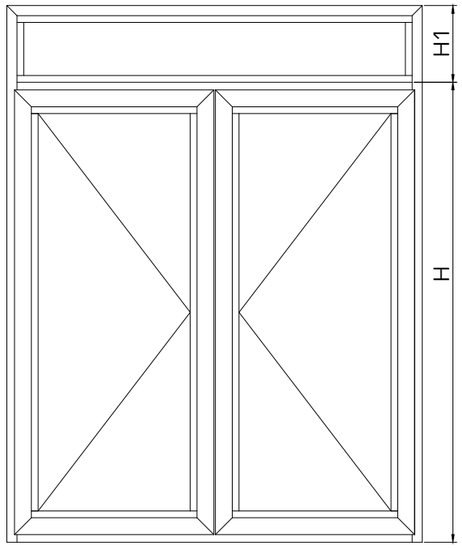


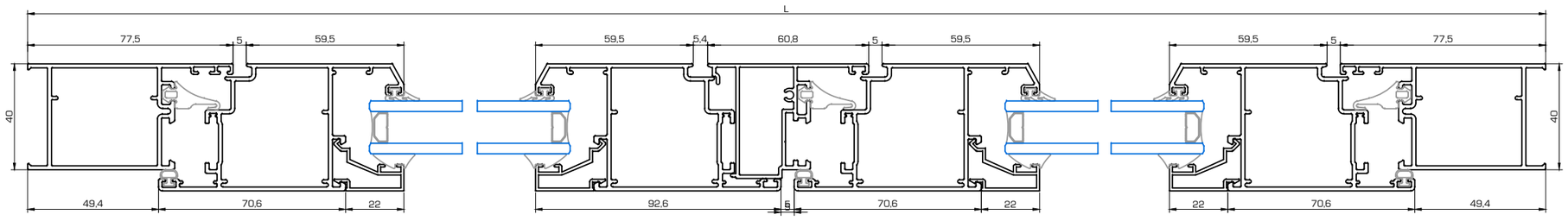


SECCIÓN PUERTA 2 HOJAS CON FIJO SUPERIOR



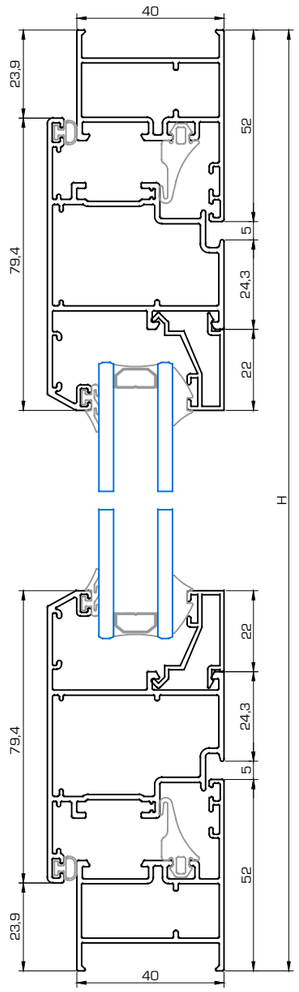
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		2 1	L H
5421		Hoja horizontal Hoja vertical		4 4	(L-104)/2 H-58
5402		Inversor		1	H-85
5024		Travesaño		1	L - 101
1426		Zócalo		2	(L - 366)/2
Junquillos Clip (hoja)		Junquillo horizontal Junquillo vertical		4 4	(L-393)/2 H-248
Junquillos Grapa (hoja)		Junquillo horizontal Junquillo vertical		4 4	(L-393)/2 H-202
Junquillos Clip (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 111 H1 - 99,5
Junquillos Grapa (fijo)		Junquillo horizontal Junquillo vertical		2 2	L - 111 H1 - 55,5

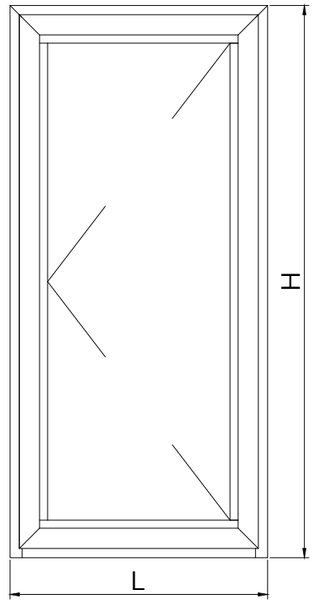


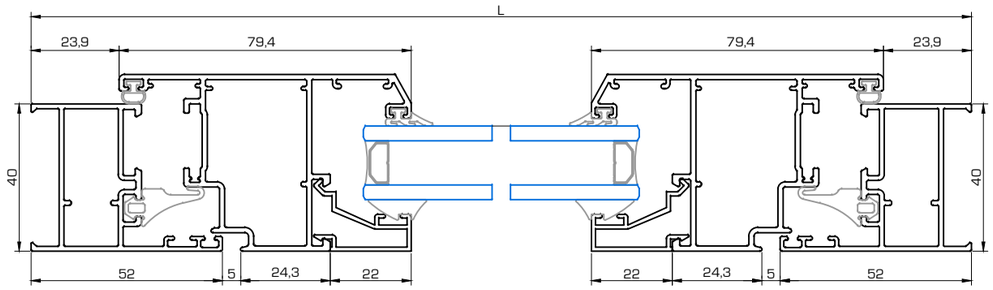


SECCIÓN APERTURA EXTERIOR 1 HOJA MARCO VENTANA

Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5430		Hoja horizontal Hoja vertical		2 2	L - 48 H - 48
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	L - 162,6 H - 206,6
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	L - 162,6 H - 162,6

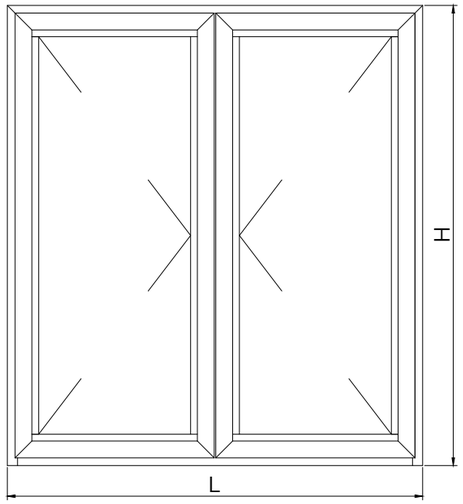


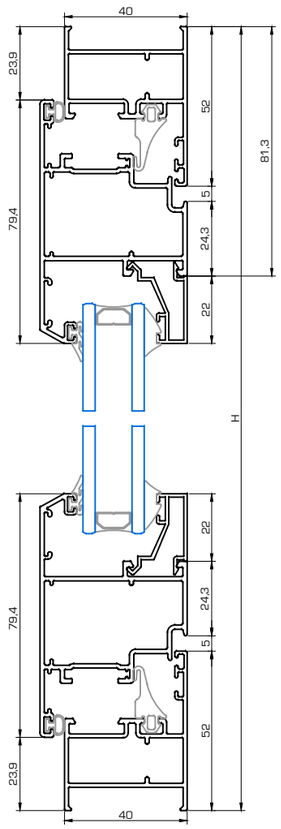


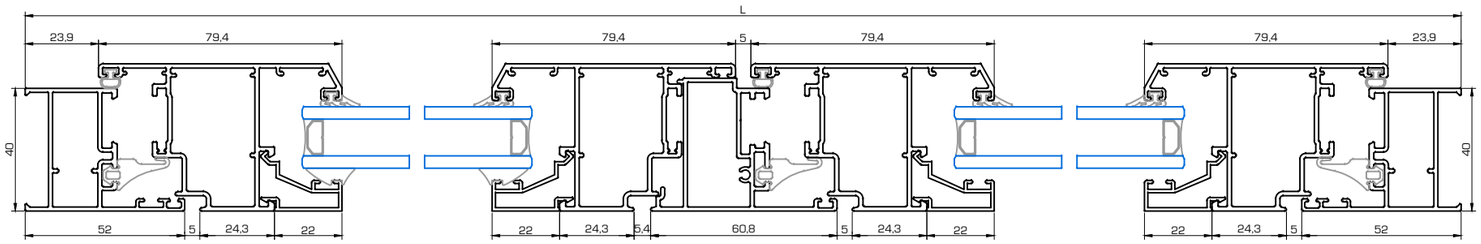


SECCIÓN APERTURA EXTERIOR 2 HOJAS MARCO VENTANA

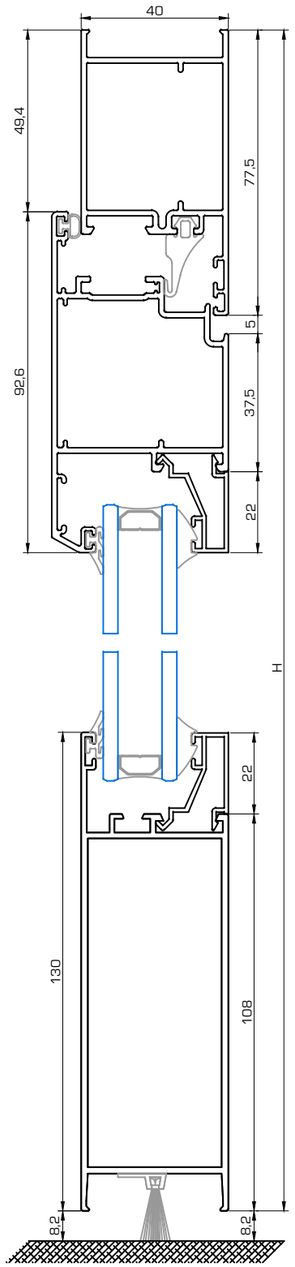
Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5400		Marco horizontal Marco vertical		2 2	L H
5430		Hoja horizontal Hoja vertical		4 4	(L - 53)/2 H - 48
5402		Inversor		1	H - 118
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	(L-282)/2 H - 206,5
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	(L-282)/2 H - 162,5



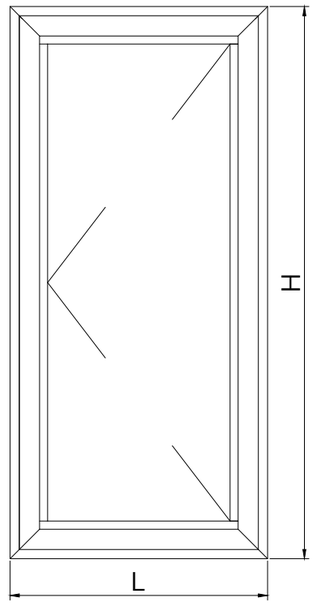


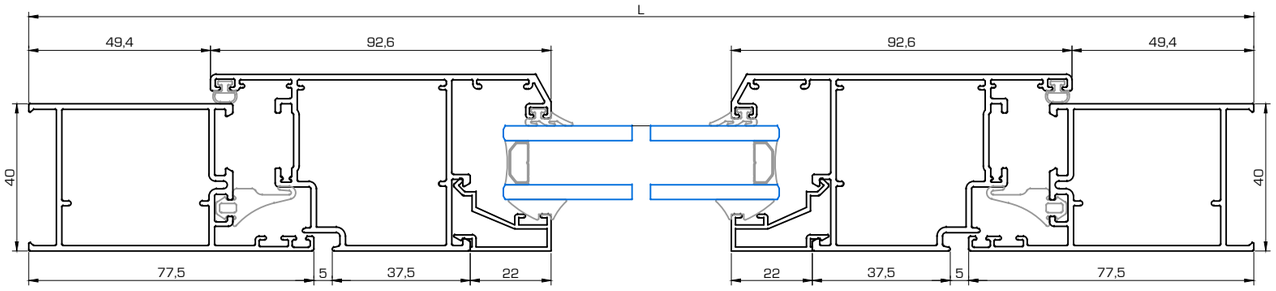


SECCIÓN APERTURA EXTERIOR 2 HOJAS MARCO PUERTA

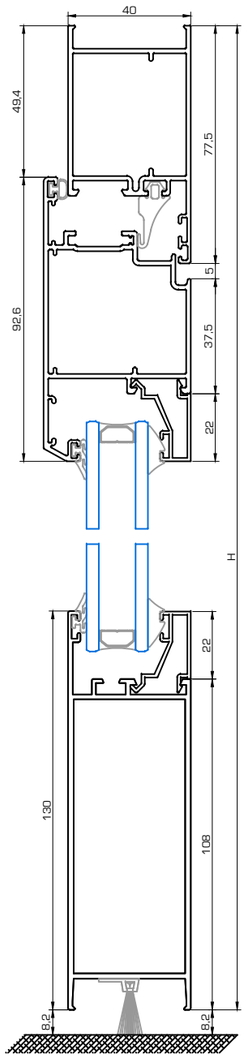


Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		1 2	L H
5428		Hoja horizontal Hoja vertical		2 2	L - 99 H - 49,5
1426		Zócalo		1	L - 230
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	L - 240 H - 272
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	L - 240 H - 228

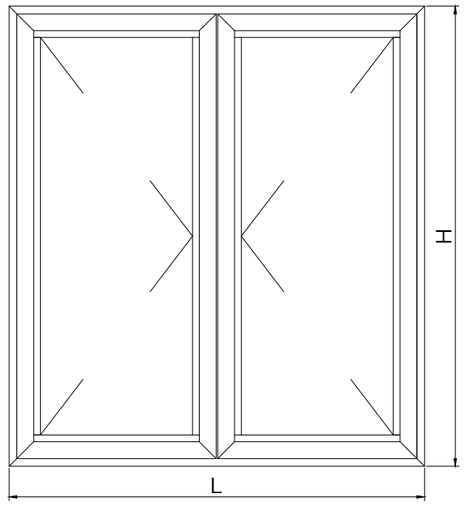


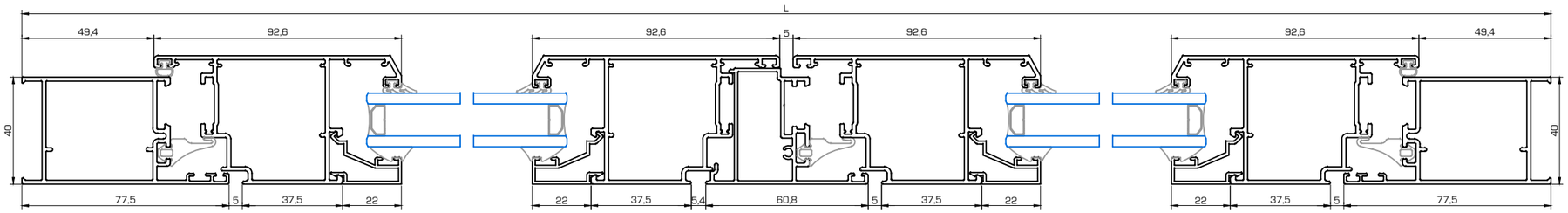


SECCIÓN APERTURA EXTERIOR 2 HOJAS MARCO PUERTA



Ref.	Dibujo	Descripción	Corte	Uds.	Descuento
5420		Marco horizontal Marco vertical		1 2	L H
5428		Hoja horizontal Hoja vertical		4 4	(L - 104)/2 H - 49,5
5402		Inversor		1	H - 85
1426		Zócalo		2	(L - 366)/2
Junquillos Clip		Junquillo horizontal Junquillo vertical		2 2	(L -430,6)/2 H - 267,3
Junquillos Grapa		Junquillo horizontal Junquillo vertical		2 2	(L -430,6)/2 H - 223,3





ALUMINIO - PVC

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