WindThermic®

ALUEUROPA

Catálogo

Practicable deslizante rpt

RT - SLIDE

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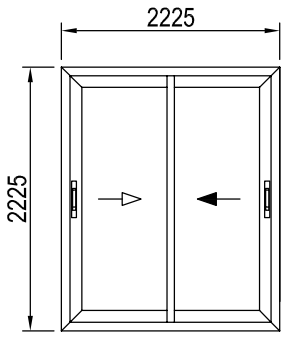
DATOS TÉCNICOS

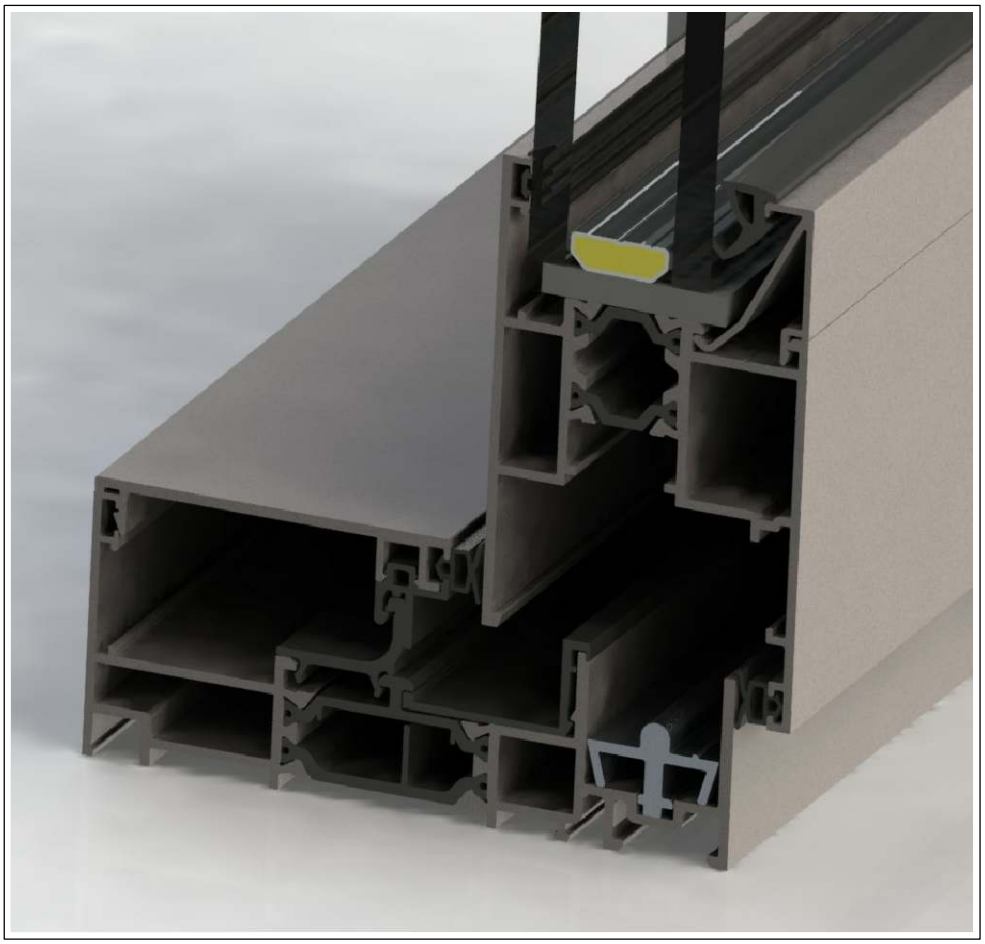
CLASIFICACIONES DE ENSAYOS

Ensayos de aire, agua y viento

BALCONERA DE DOS HOJAS

Permeabilidad al aire UNE-EN 1026:2017 UNE-EN 12207:2000	CLASE 1		CLASE 2		CLASE 3			CLASE 4		
Estanqueidad al agua UNE-EN 1027:2017 UNE-EN 12208:2000	1A	2A	3A	4A	5A	6A	7A	8A	9A	E1800
Resistencia al viento UNE-EN 12211:2017 UNE-EN 12210:2017	CLASE C1		CLASE C2		CLASE C3			CLASE C4		CLASE C5

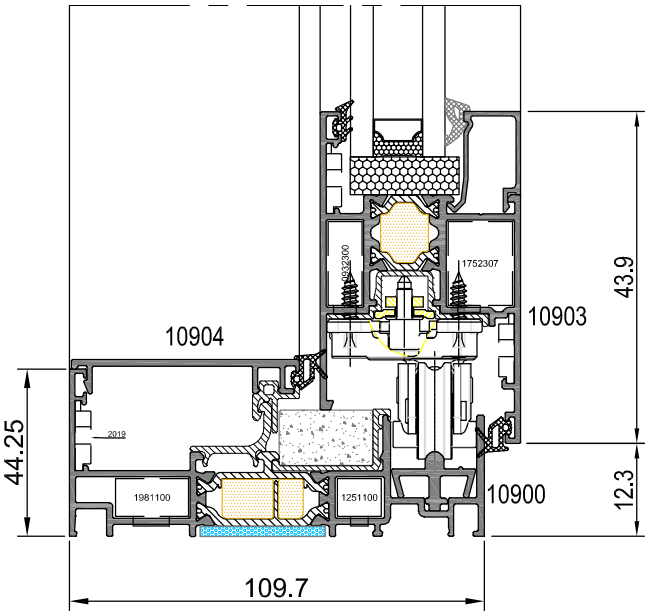




COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN EF+

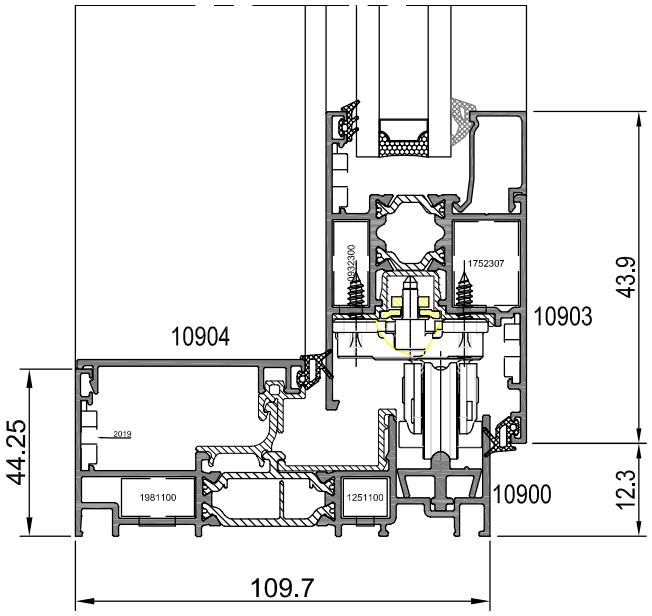
Uf = 2,9 W/m^{2}K



COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN BASICA

Uf = 3,1 W/m^{2}K



Cálculo de transmitancia térmica (Uw) para ventana de dos hojas con dimensiones 1500x2200

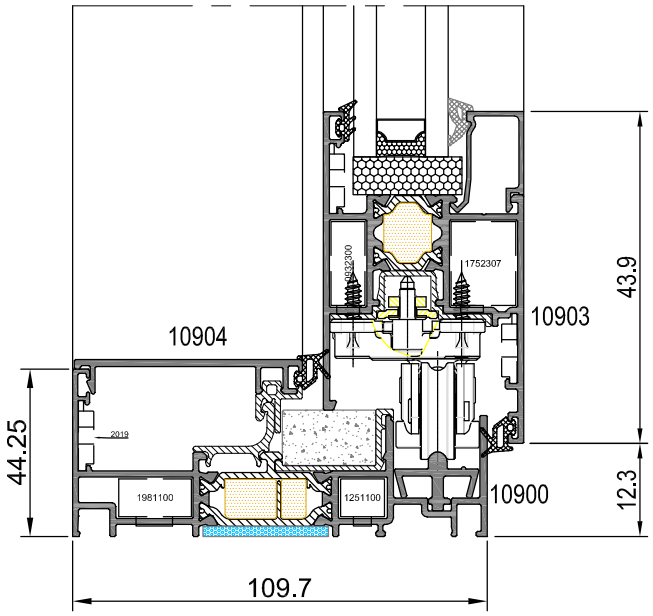
			VIDRIO DOBLE					VIDRIO TRIPLE			
	INTERCALARIO VIDRIO	Ψg [W/mK]	Ug [W/m2K]					Ψg [W/mK]	Ug [W/m2K]		
			2.0	1.6	1.3	1.1	0.9		0.9	0.7	0.5
SOLUCION EF +	ALUMINIO	0.110	2.7	2.4	2.2	2.0	1.9	0.110	1.9	1.7	1.6
	SPACER M TECHNOFORM	0.049	2.5	2.2	2.0	1.8	1.7	0.044	1.7	1.5	1.4
	SPACER PRECISION TECHNOFORM	0.036	2.5	2.2	1.9	1.8	1.7	0.031	1.6	1.5	1.3

			VIDRIO DOBLE					VIDRIO TRIPLE			
	INTERCALARIO VIDRIO	Ψg [W/mK]	Ug [W/m2K]					Ψg [W/mK]	Ug [W/m2K]		
			2.0	1.6	1.3	1.1	0.9		0.9	0.7	0.5
SOLUCION BASICA	ALUMINIO	0.110	2.8	2.5	2.3	2.1	1.9	0.110	1.9	1.8	1.6
	SPACER M TECHNOFORM	0.049	2.6	2.3	2.1	1.9	1.7	0.044	1.7	1.6	1.4
	SPACER PRECISION TECHNOFORM	0.036	2.6	2.2	2.0	1.9	1.7	0.031	1.7	1.5	1.4

COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN EF+

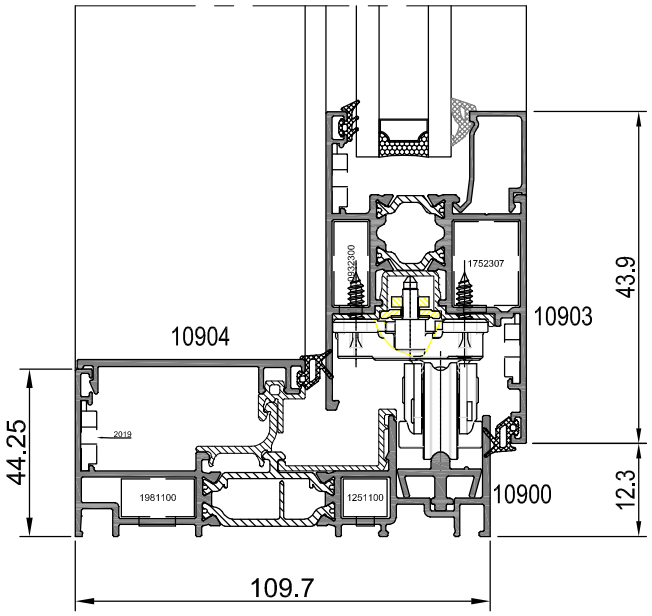
Uf = 2,8 W/m^{2}K



COEFICIENTE DE TRANSMITANCIA TÉRMICA

SOLUCIÓN BASICA

Uf = 3,1 W/m^{2}K

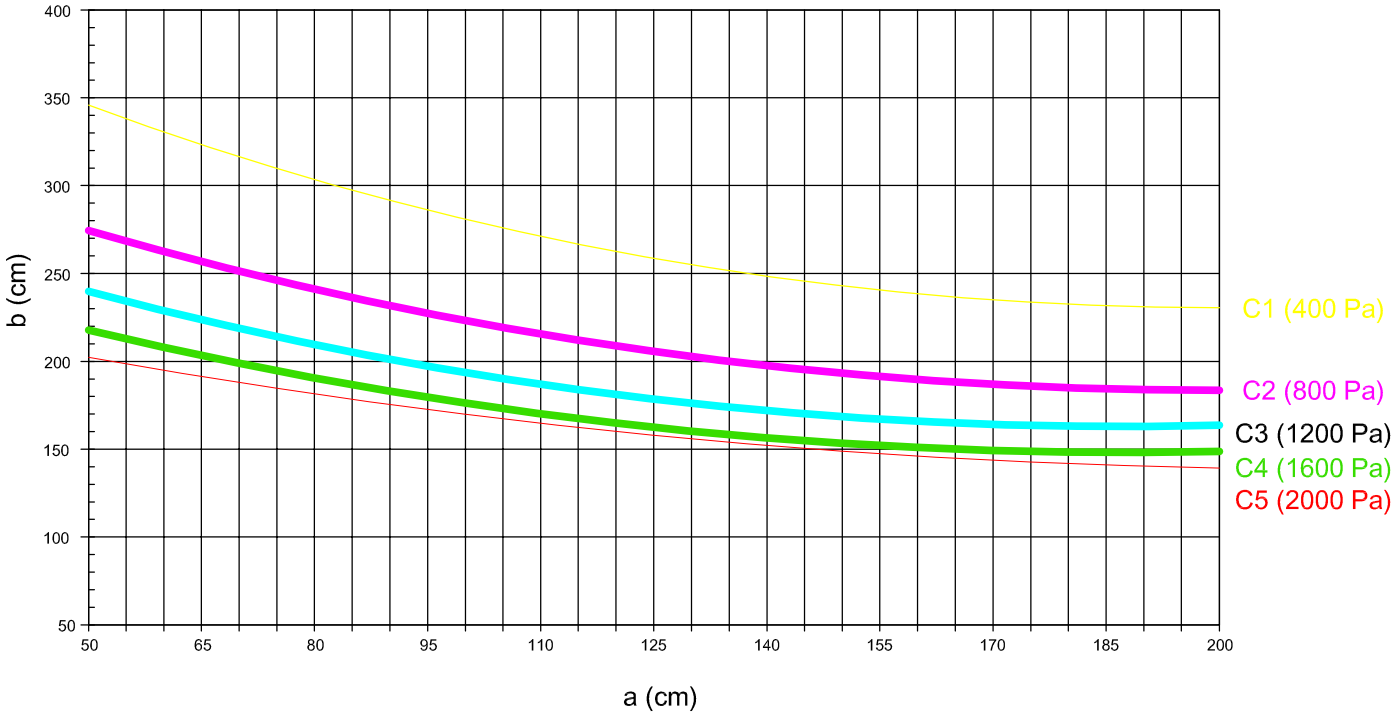


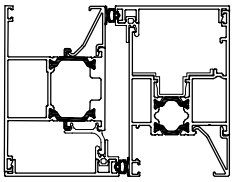
Cálculo de transmitancia térmica (Uw) para ventana de dos hojas con dimensiones 4000x2500

			VIDRIO DOBLE					VIDRIO TRIPLE			
			Ug [W/m2K]						Ug [W/m2K]		
SOLUCION EF +	INTERCALARIO VIDRIO	Ψg [W/mK]	2.0	1.6	1.3	1.1	0.9	Ψg [W/mK]	0.9	0.7	0.5
	ALUMINIO	0.110	2.4	2.1	1.8	1.6	1.5	0.110	1.5	1.3	1.1
	SPACER M TECHNOFORM	0.049	2.3	2.0	1.7	1.5	1.4	0.044	1.4	1.2	1.0
	SPACER PRECISION TECHNOFORM	0.036	2.3	2.0	1.7	1.5	1.3	0.031	1.3	1.2	1.0

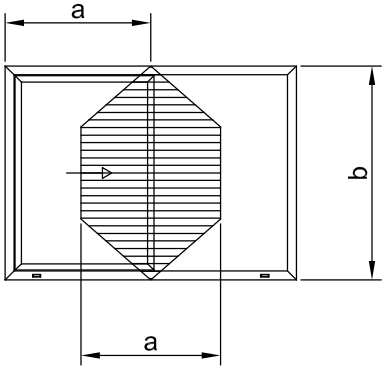
			VIDRIO DOBLE					VIDRIO TRIPLE			
			Ug [W/m2K]						Ug [W/m2K]		
SOLUCION BASICA	INTERCALARIO VIDRIO	Ψg [W/mK]	2.0	1.6	1.3	1.1	0.9	Ψg [W/mK]	0.9	0.7	0.5
	ALUMINIO	0.110	2.5	2.1	1.9	1.7	1.5	0.110	1.5	1.3	1.1
	SPACER M TECHNOFORM	0.049	2.4	2.0	1.7	1.6	1.4	0.044	1.4	1.2	1.0
	SPACER PRECISION TECHNOFORM	0.036	2.3	2.0	1.7	1.6	1.4	0.031	1.4	1.2	1.0

Clasificación deformación según UNE-EN 12210:2000
hoja (Ix = 45,40 cm^4)





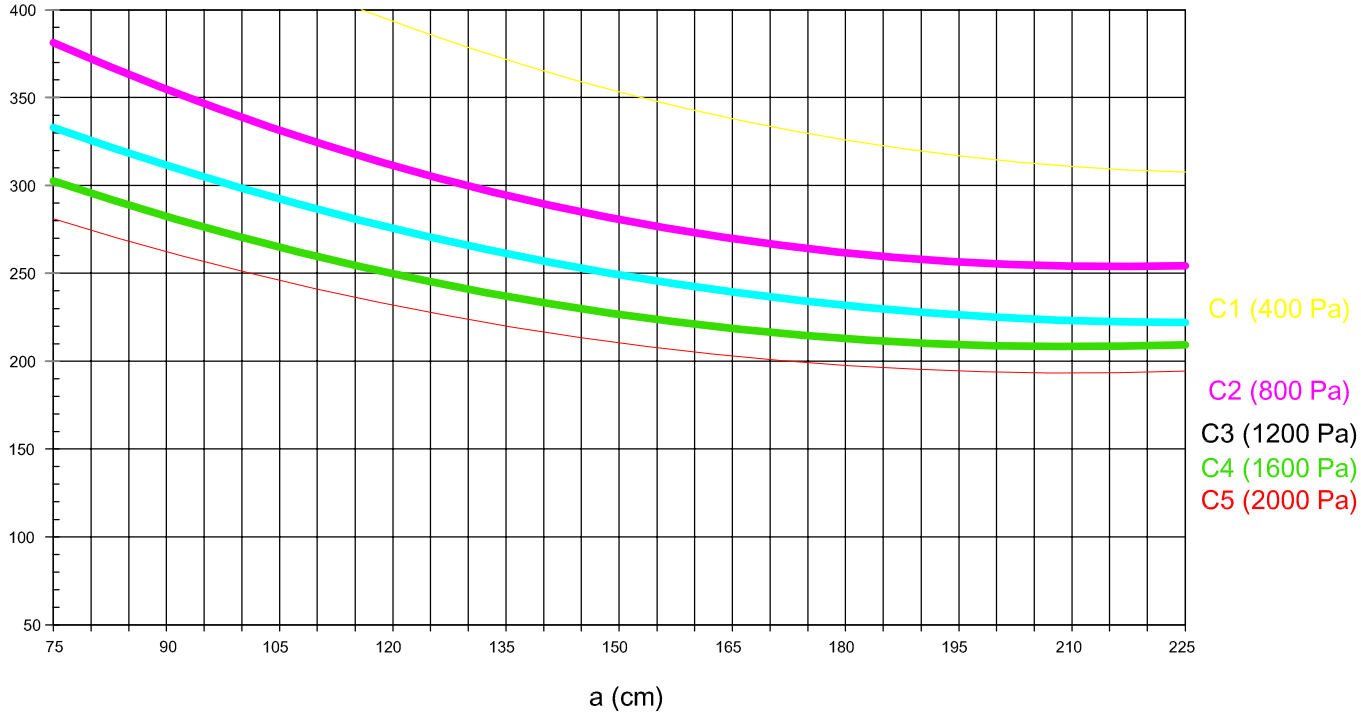
Escala 1:4

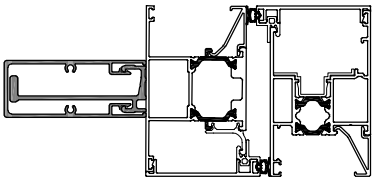


Clasificación de la flecha relativa según norma UNE-EN 12210	
Clase	Flecha Frontal
A	< 1/150
B	< 1/200
C	< 1/300

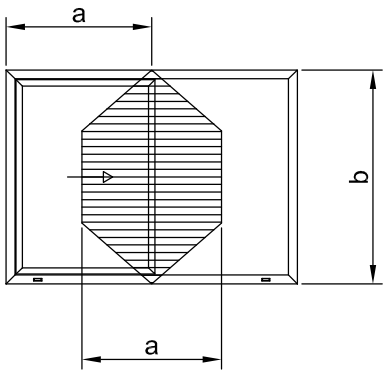
Clasificación de la ventana según norma UNE-EN 12210	
Clase	Presión (Pa)
1	400
2	800
3	1200
4	1600
5	2000
Exxxx	xxxx

Clasificación deformación según UNE-EN 12210:2000
hoja (Ix = 121,81 cm^4)





Escala 1:4



Clasificación de la flecha relativa según norma UNE-EN 12210	
Clase	Flecha Frontal
A	< 1/150
B	< 1/200
C	< 1/300

Clasificación de la ventana según norma UNE-EN 12210	
Clase	Presión (Pa)
1	400
2	800
3	1200
4	1600
5	2000
Exxxx	xxxx

AISLAMIENTO ACÚSTICO SEGÚN UNE EN 14351-1:2006+A1:2011 (ANEXO B)

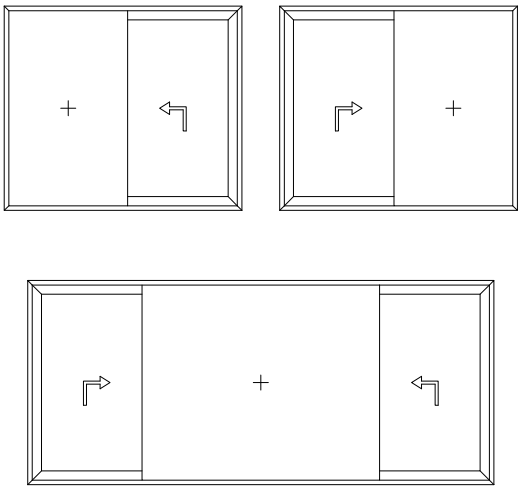
Vidrio (dB)	Área total ≤ 2,7 m²	2,7 m² < Área total ≤ 3,6 m²	3,6 m² < Área total ≤ 4,6 m²	4,6 m² < Área total
28(-1;-4)	31(-1;-5) 1s	30(-1;-5) 1s	29(-1;-5) 1s	28(-1;-5) 1s
29(-2;-3)	32(-1;-4) 1s	31(-1; 4) 1s	30(-1;-4) 1s	29(-1;-4) 1s
29(-2;-4)	32(-1;-5) 1s	31(-1;-5) 1s	30(-1;-5) 1s	29(-1;-5) 1s
30(-1;-2)	33(-1;-3) 1s	32(-1;-3) 1s	31(-1;-3) 1s	30(-1;-3) 1s
30(-1;-5)	33(-1;-6) 1s	32(-1;-6) 1s	31(-1;-6) 1s	30(-1;-6) 1s
31(-2;-3)	33(-1;-3) 1s	32(-1;-3) 1s	31(-1;-3) 1s	30(-1;-3) 1s
31(-1;-4)	33(-1;-4) 1s	32(-1;-4) 1s	31(-1;-4) 1s	30(-1;-4) 1s
32(-1;-3)	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s	31(-1;-4) 1s
32(-2;-3)	34(-1;-4) 1s	33(-1; 4) 1s	32(-1;-4) 1s	31(-1;-4) 1s
32(-2;-5)	34(-1;-5) 1s	33(-1;-5) 1s	32(-1;-5) 1s	31(-1;-5) 1s
33(-1;-3)	34(-1;-3) 1s	33(-1;-3) 1s	32(-1;-3) 1s	31(-1;-3) 1s
33(-2;-5)	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s	31(-1;-4) 1s
33(-2;-5)	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s	31(-1;-4) 1s
34(-1;-2)	35(-1;-3) 2s	34(-1;-3) 2s	33(-1;-3) 2s	32(-1;-3) 2s
34(-1;-3)	35(-1;-4) 1s	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s
34(-2;-4)	35(-1;-4) 1s	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s
34(-2;-5)	35(-1;-5) 1s	34(-1;-5) 1s	33(-1;-5) 1s	32(-1;-5) 1s
34(-2;-6)	35(-1;-5) 1s	34(-1;-5) 1s	33(-1;-5) 1s	32(-1;-5) 1s
35(-2;-5)	35(-1;-4) 1s	34(-1;-4) 1s	33(-1;-4) 1s	32(-1;-4) 1s
35(-2;-6)	35(-1;-5) 1s	34(-1;-5) 1s	33(-1;-5) 1s	32(-1;-5) 1s
35(-3;-6)	35(-1;-5) 1s	34(-1;-5) 1s	33(-1;-5) 1s	32(-1;-5) 1s
36(-1;-2)	36(-1;-3) 2s	35(-1;-3) 2s	34(-1;-3) 2s	33(-1;-3) 2s
36(-2;-4)	36(-1;-4) 2s	35(-1;-4) 2s	34(-1;-4) 2s	33(-1;-4) 2s
36(-2;-5)	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s	33(-1;-5) 2s
36(-2;-6)	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s	33(-1;-5) 2s
36(-3;-7)	36(-1;-6) 2s	35(-1;-6) 2s	34(-1;-6) 2s	33(-1;-6) 2s
37(-2;-5)	36(-1;-4) 2s	35(-1;-4) 2s	34(-1;-4) 2s	33(-1;-4) 2s
37(-3;-7)	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s	33(-1;-5) 2s
38(-1;-5)	37(-1;-5) 2s	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s
38(-2;-4)	37(-1;-4) 2s	36(-1;-4) 2s	35(-1;-4) 2s	34(-1;-4) 2s
38(-1;-5)	37(-1;-5) 2s	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s
38(-2;-6)	37(-1;-5) 2s	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s
38(-2;-8)	37(-1;-6) 2s	36(-1;-6) 2s	35(-1;-6) 2s	34(-1;-6) 2s
39(-2;-6)	37(-1;-5) 2s	36(-1;-5) 2s	35(-1;-5) 2s	34(-1;-5) 2s
40(-2;-4)	38(-1;-4) 2s	37(-1;-4) 2s	36(-1;-4) 2s	35(-1;-4) 2s
40(-2;-5)	38(-1;-5) 2s	37(-1;-5) 2s	36(-1;-5) 2s	35(-1;-5) 2s
40(-3;-7)	38(-1;-6) 2s	37(-1;-6) 2s	36(-1;-6) 2s	35(-1;-6) 2s

Valor del aislamiento acusticopara la ventana (dB) y según superficie de muestras (m2)
1s ventana practicable sencilla: 1 sellado requerido
2s ventana practicable sencilla: 2 sellados requeridos

Nota: el valor de aislamiento de la ventana, de acuerdo con el anexo B de la n norma UNE EN 14351:2006+A1:2011, es independiente del valor C de la unidad de vidrio aislante (UVA)

POSIBILIDADES DE APERTURA

PRACTICABLE DESLIZANTE



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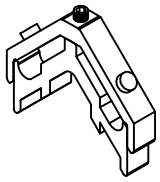	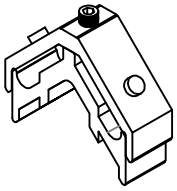	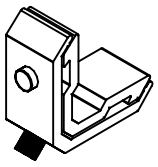	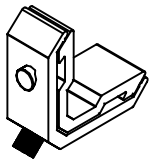
Escuadra 9 x 23	Escuadra 17 x 23	Escuadra 20 x 11	Escuadra 12 x 11

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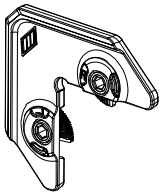
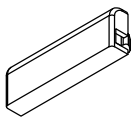
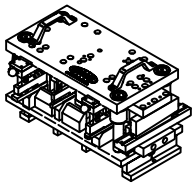
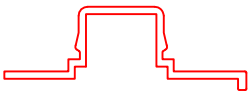
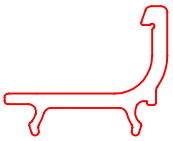
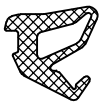
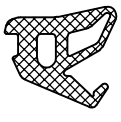
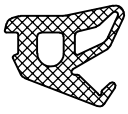
			
Unión de T RTSlide	Escuadra alineamiento exterior FUJI	Tapa salida de agua	Troquel RTslide

1882303	1882304	1882305	1882306
			
Perfil PVC clip tapa cruce/galce slide	Envolvente canal herraje slide	Perfil tapa canal marco slide	Base clip tapeta marco slide

1882307	P2155	0304896	0304897
			
Junta perimetral hoja slide	junta acristalamiento exterior 2,5 mm	Junta acrist. inte. 3 mm.	Junta acrist. inte. 4 mm.

0304898	0304899	0304890	0304891
			
Junta acrist. inte. 5 mm.	Junta acrist. inte. 6/7 mm.	Junta acrist. inte. 8/9 mm.	Junta acrist. inte. 10 mm.

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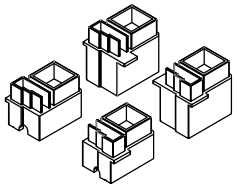
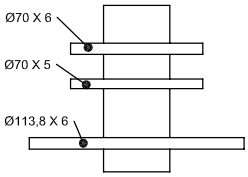
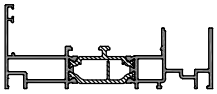
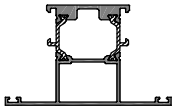
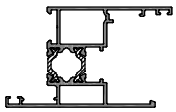
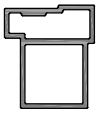
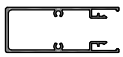
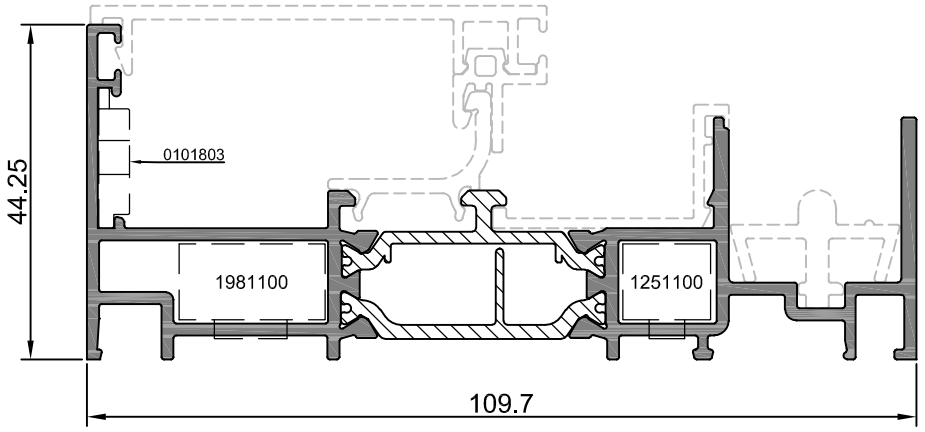
			
Kit tapas decierre	Kit Roto Patio Inowa	Conjunto de fresas restestado	

Referencia	Diseño	Descripción	Momentos de Inercia	
			Lx (Cm4)	Yx (Cm4)
10900		marco	4.90	79.18
10902		travesaño	22.03	20.29
10903		hoja	23.37	17.67
10904		tapa de 60	-	-
10905		acople perfil rodadura	-	-
10909		carril rodadura	-	-
09740		refuerzo de hoja	1.08	20.79
09741		tapa para refuerzo de hoja	5.97	20.09



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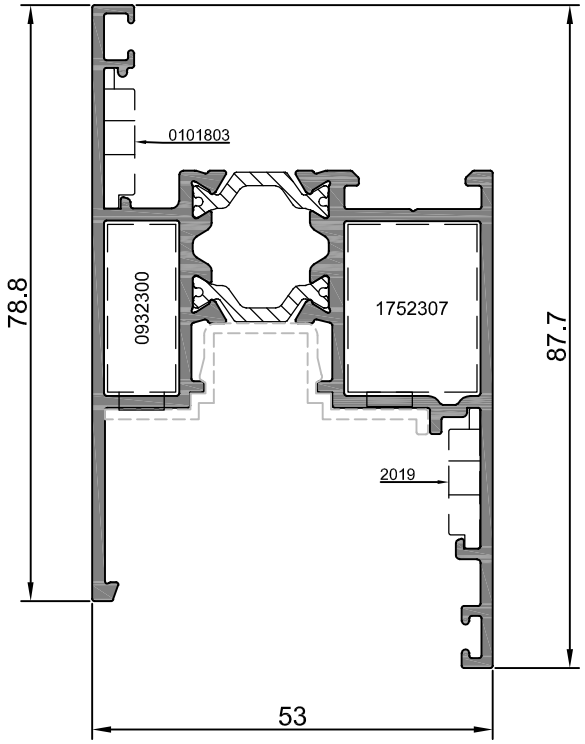

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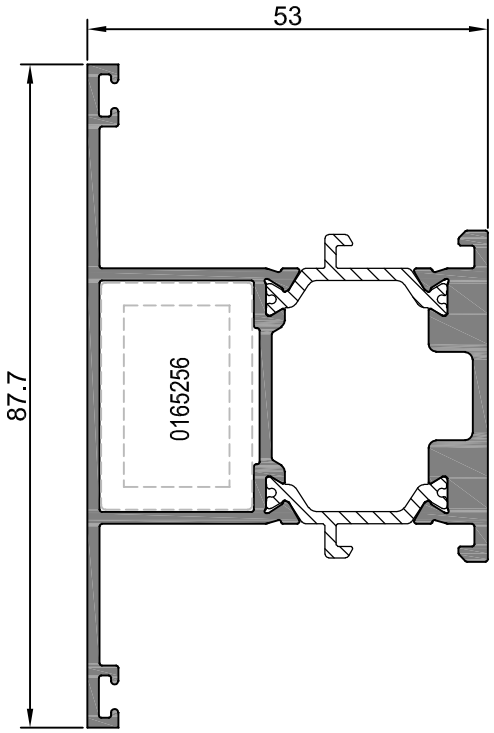

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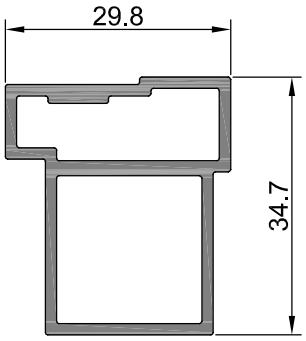

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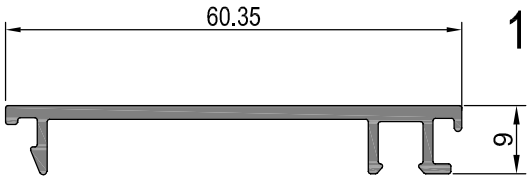

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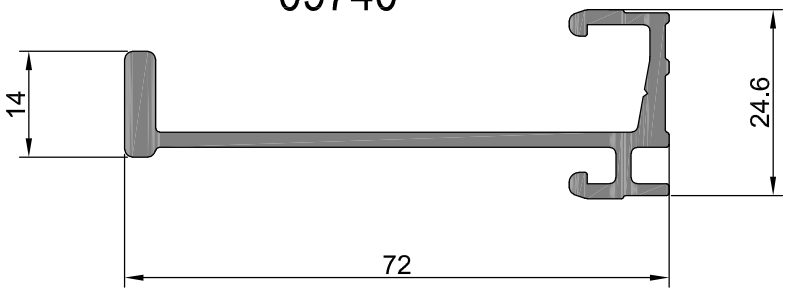

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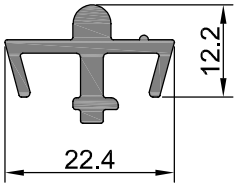

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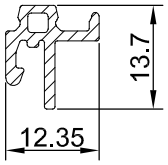

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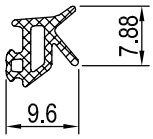

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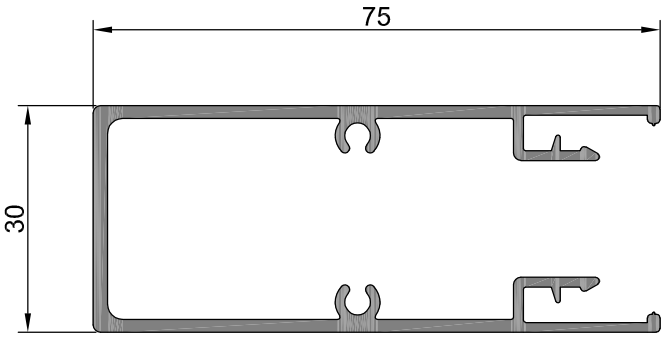

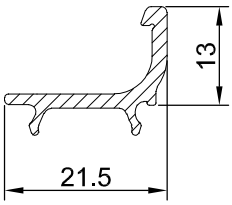

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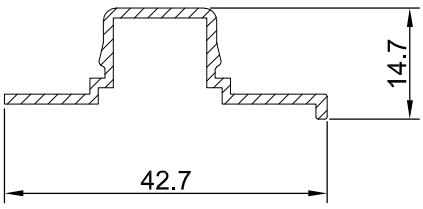

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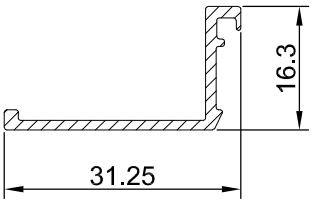

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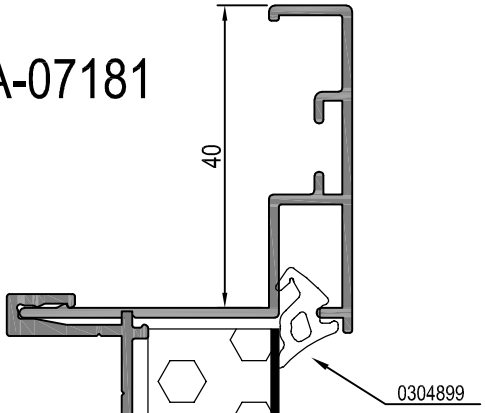
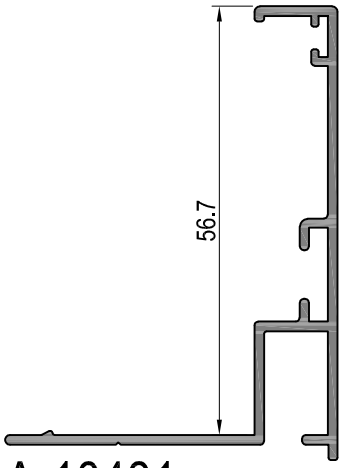
A-07181





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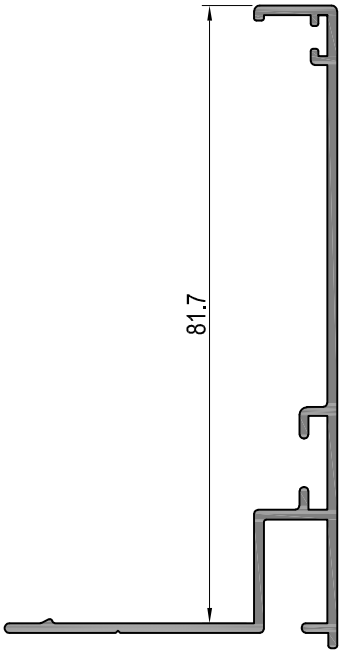

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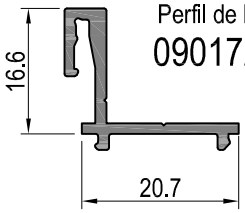
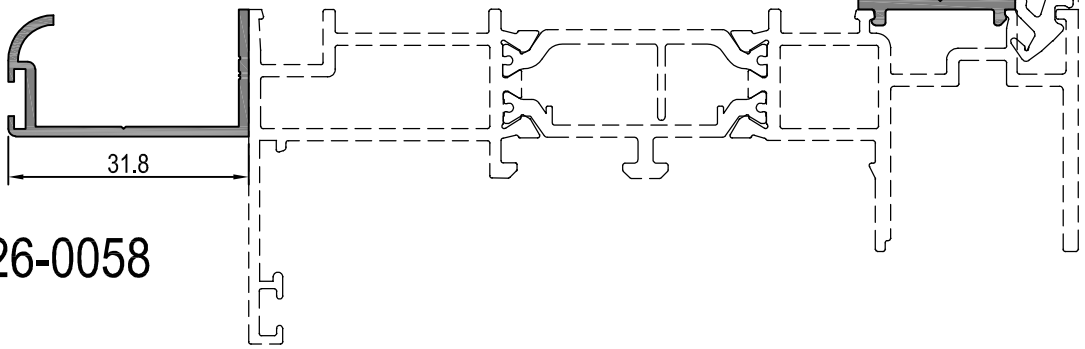
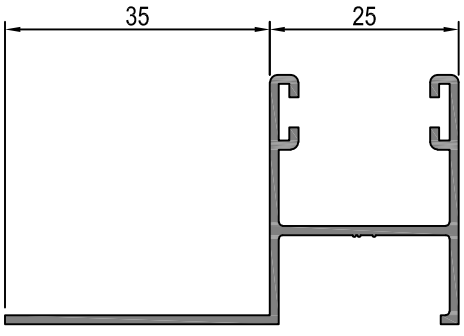




CI-026-0058



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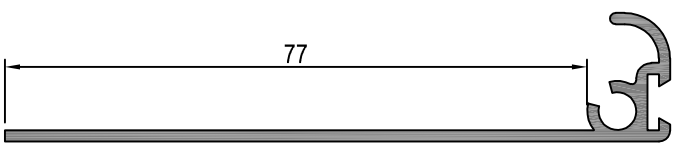

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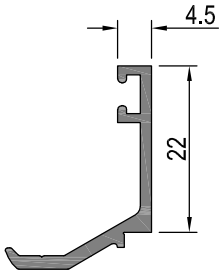
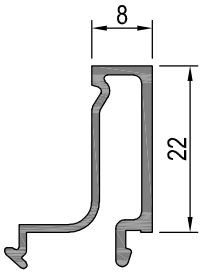
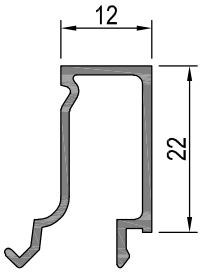


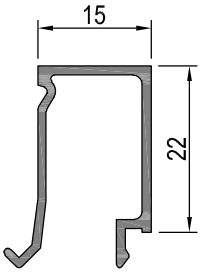
Junquillo 4,5 mm
40082



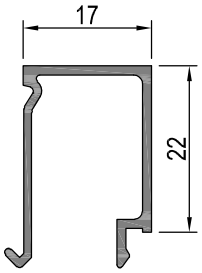
Junquillo 8 mm
40508



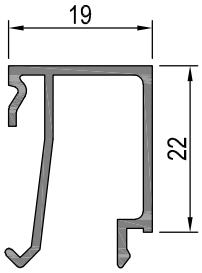
Junquillo 12 mm
40512



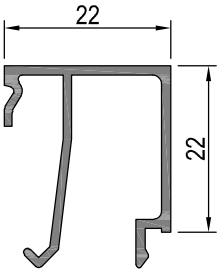
Junquillo 15 mm
40515



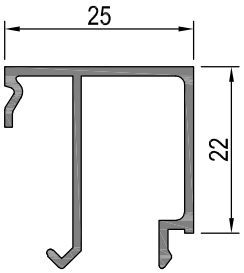
Junquillo 17 mm
40517



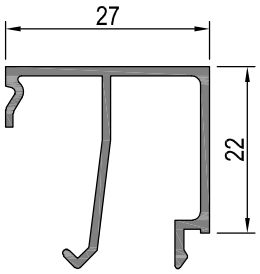
Junquillo 19 mm
40519



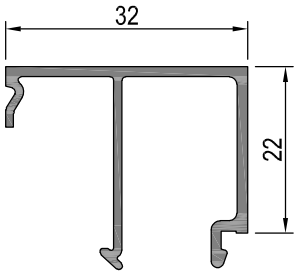
Junquillo 22 mm
40522



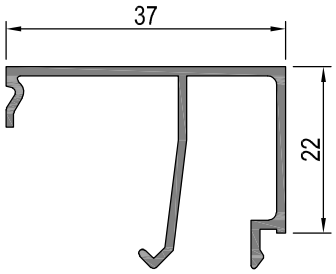
Junquillo 25 mm
40525



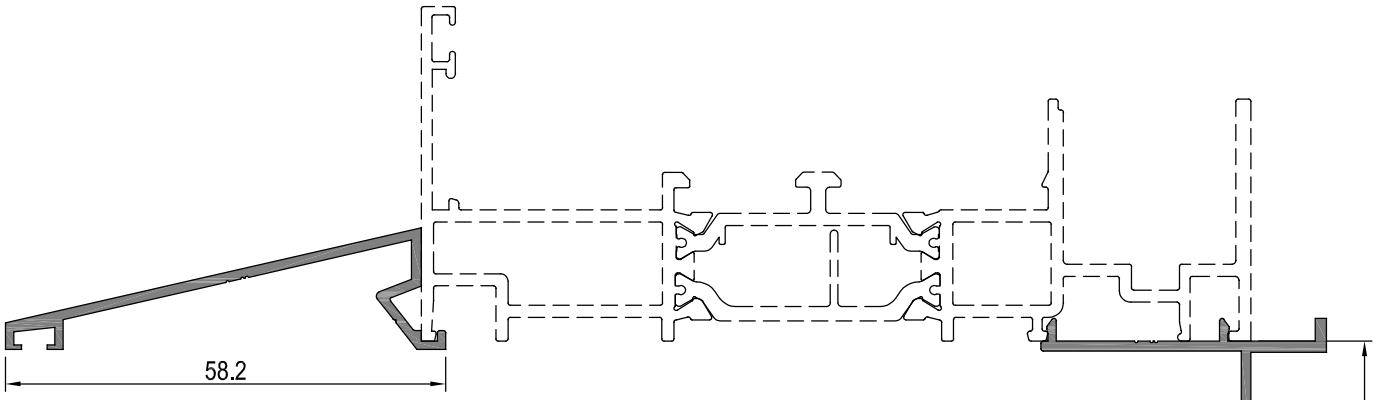
Junquillo 27 mm
40527



Junquillo 32 mm
40532

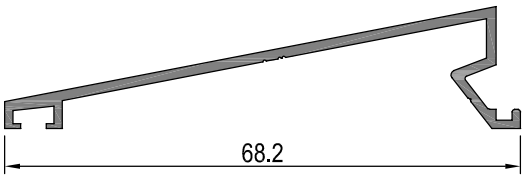


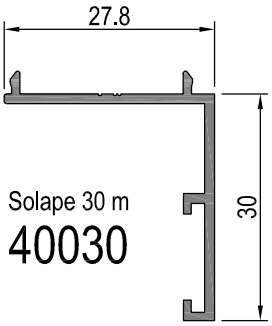
Junquillo 37 mm
40537



Vierteaguas 58.2 mm
0123

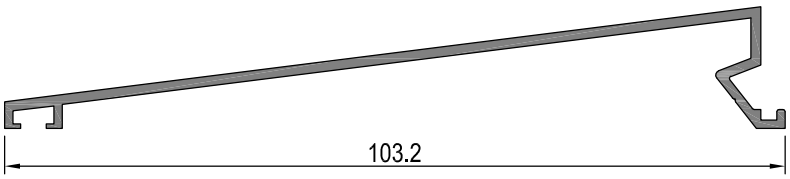
Solape 33 m
40037

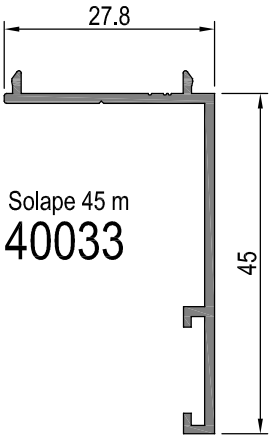




Vierteaguas 68.2 mm
0122

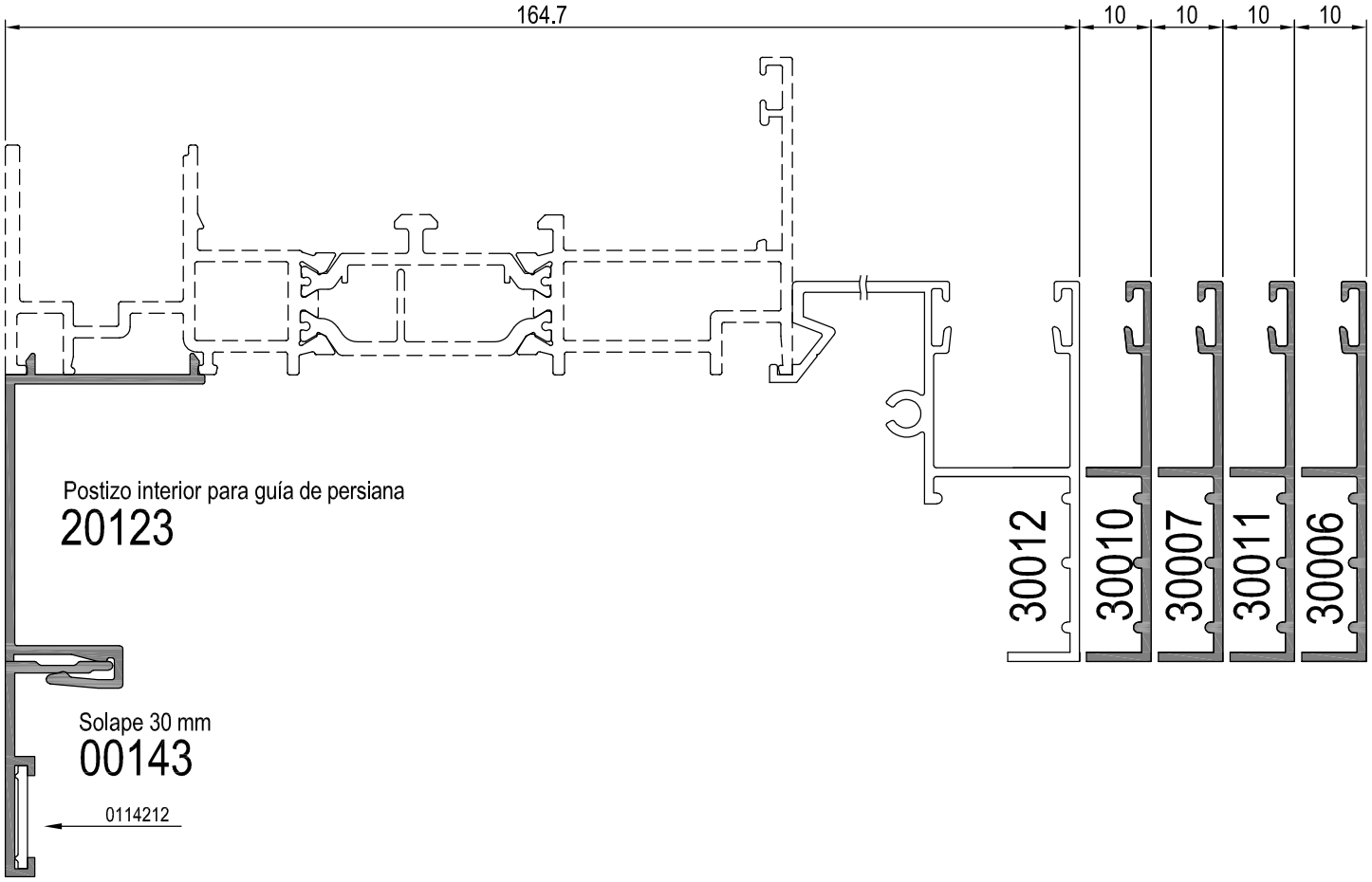
Solape 30 m
40030

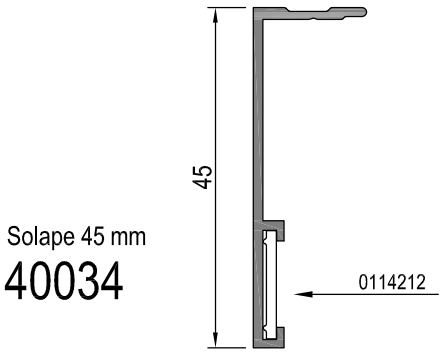


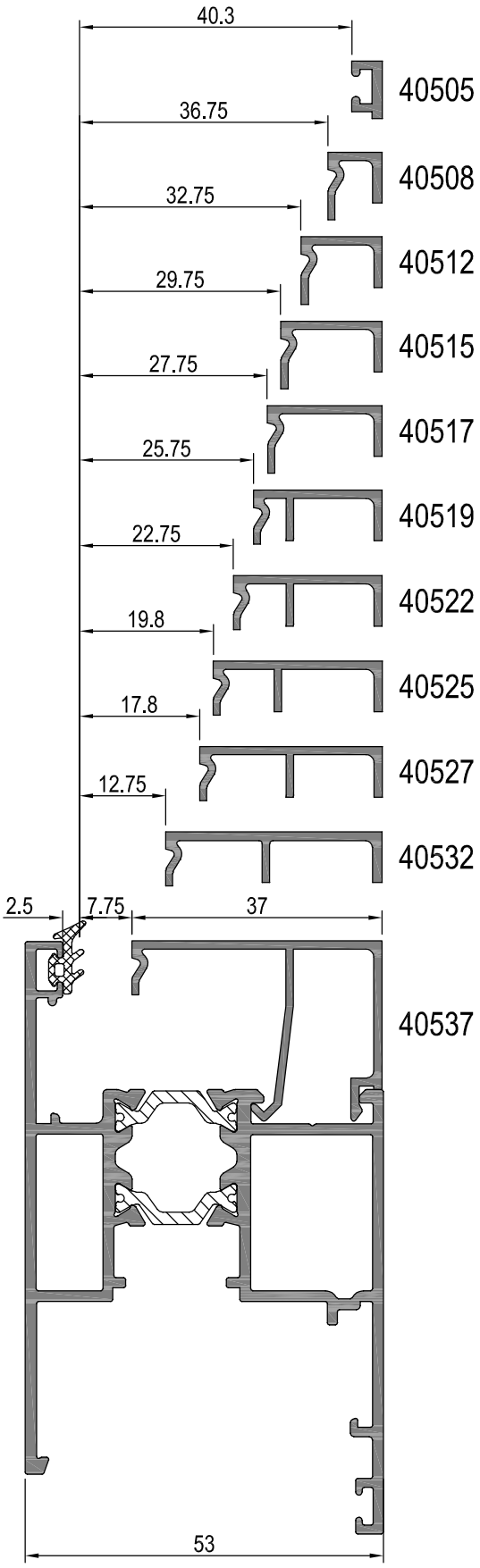


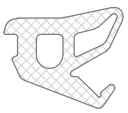
Vierteaguas 100 mm
40082

Solape 45 m
40033

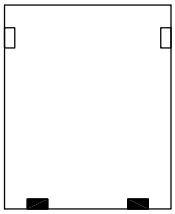




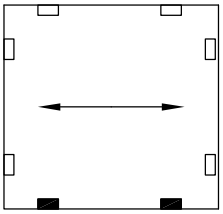


	
P2155	
2.5 mm	
	
304896	304897
2,5 a 3,5 mm	3,5 a 4,5 mm
	
304898	304899
4,5 a 5,5 mm	6 a 8 mm
	
304890	304891
8 a 9 mm	10 mm

SITUACIÓN DE LOS CALZOS DE ACRISTALAMIENTO SEGÚN APERTURA



BASTIDOR
FIJO



BASTIDOR
DESLIZANTE

Nota:

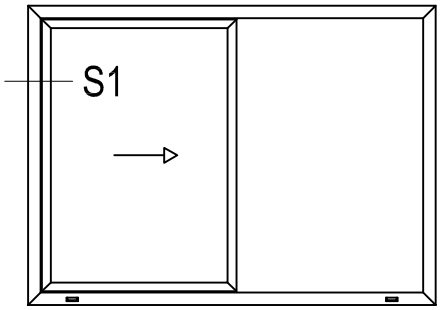
Los calzos deben colocarse sobre los ejes del carro de deslizamiento.

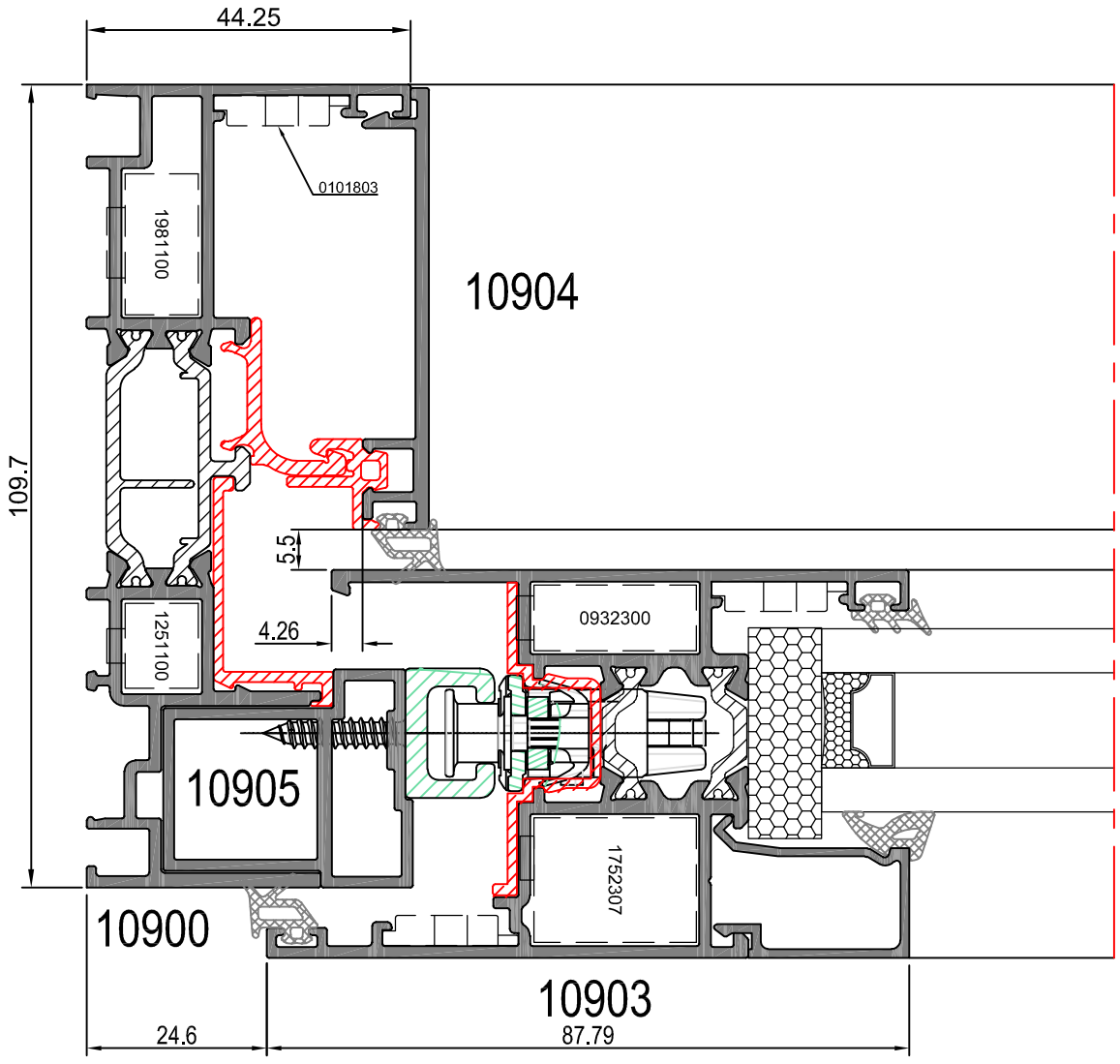
Nomenclaturas de los calzos

- ▬ Calzo de apoyo
- ▭ Calzo de colocación

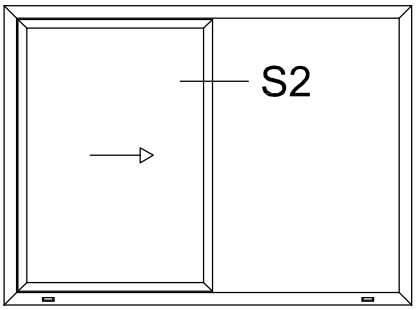
Notas:

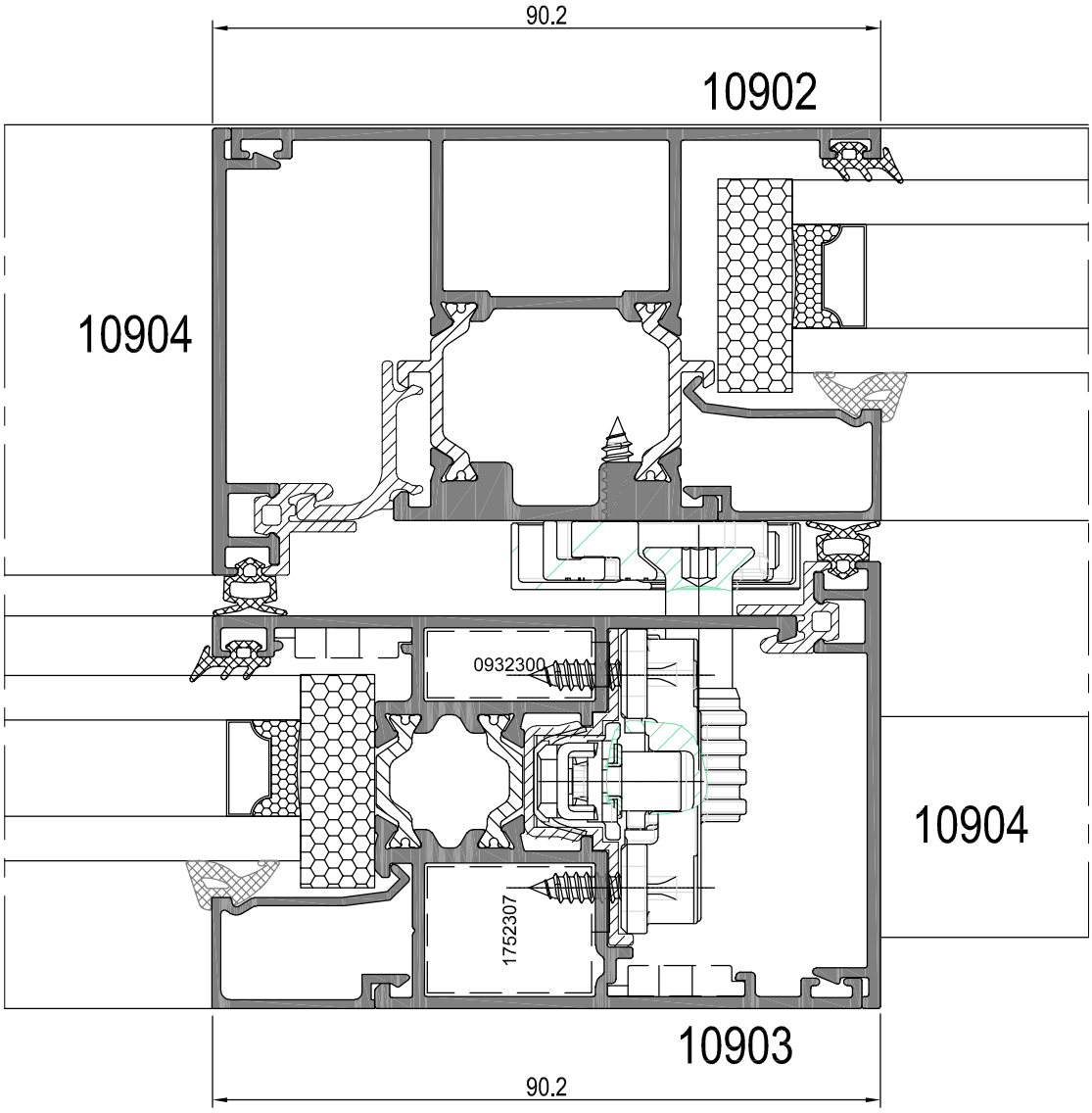
- Los calzos deben colocarse según los croquis arriba indicados.
- La distancia entre el eje del calzo y el borde del vidrio será de L/10, siendo L la longitud del lado donde se emplazan.



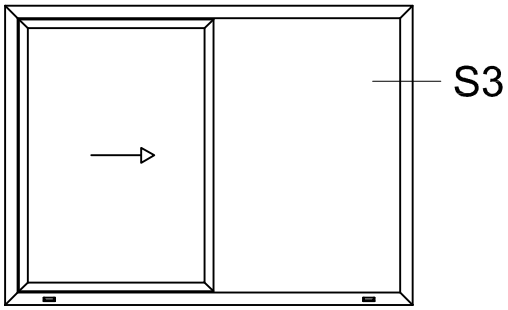


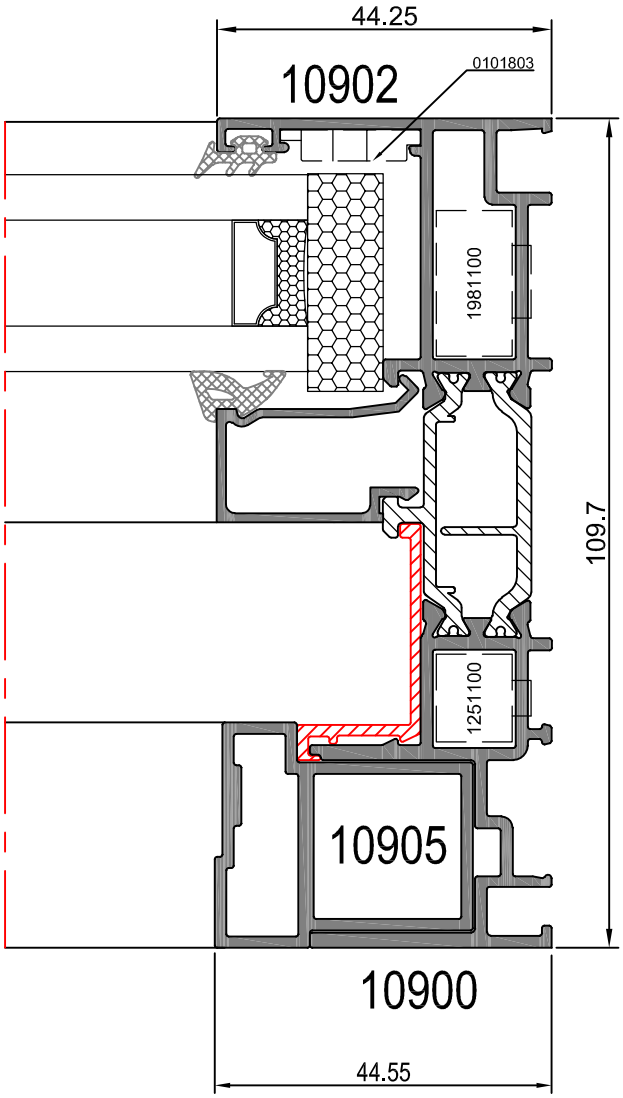
sección 1



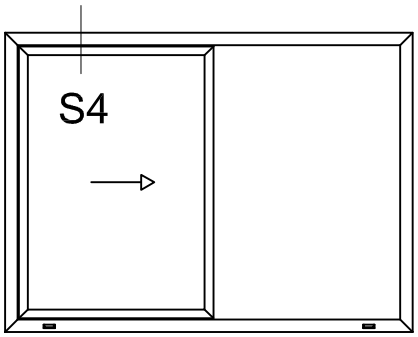


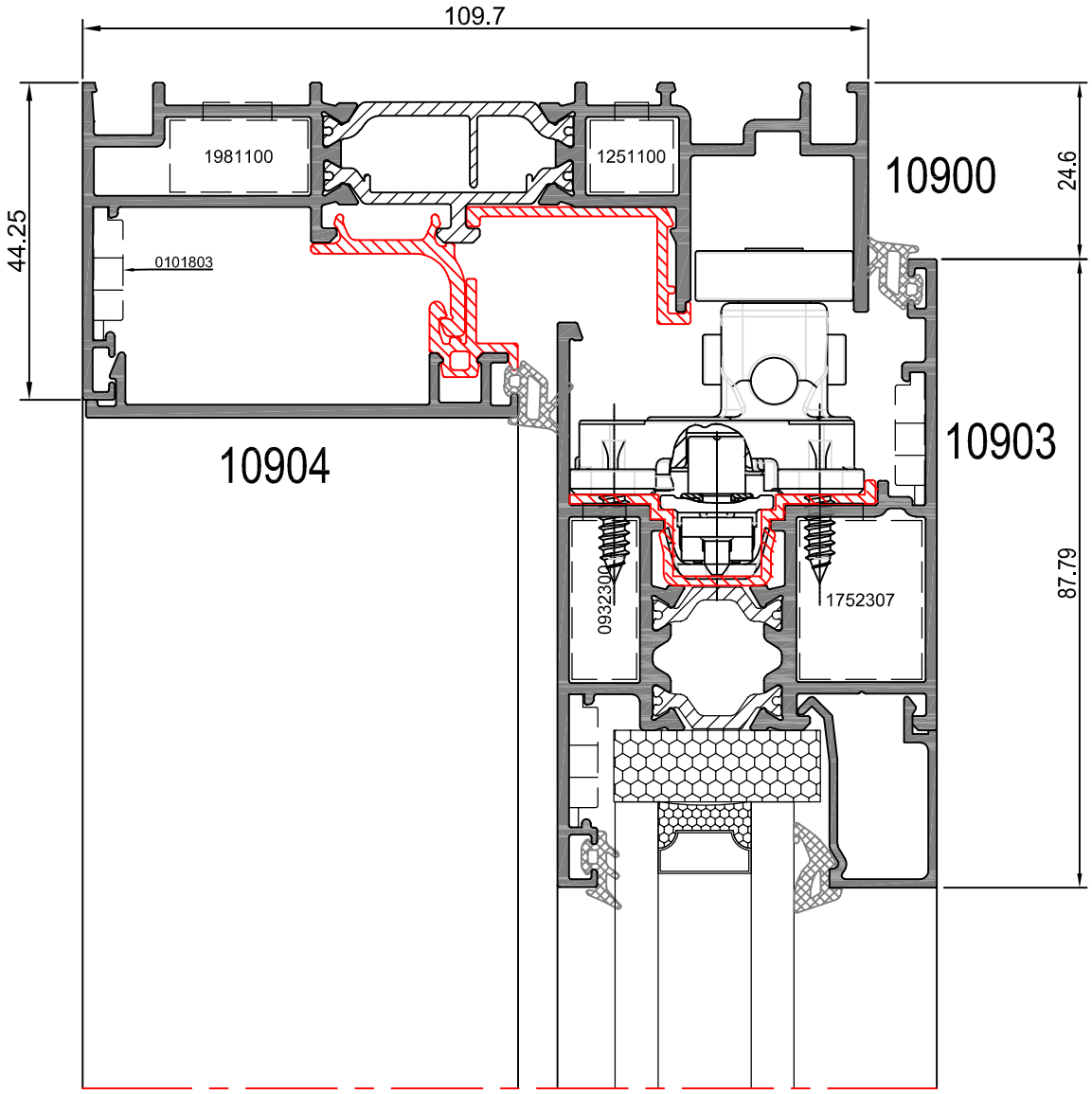
sección 2



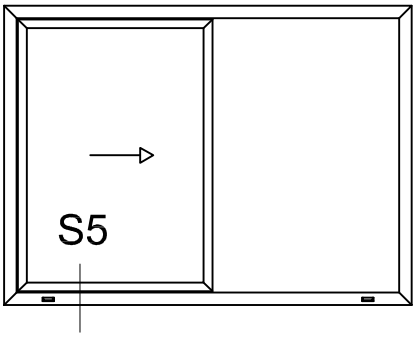


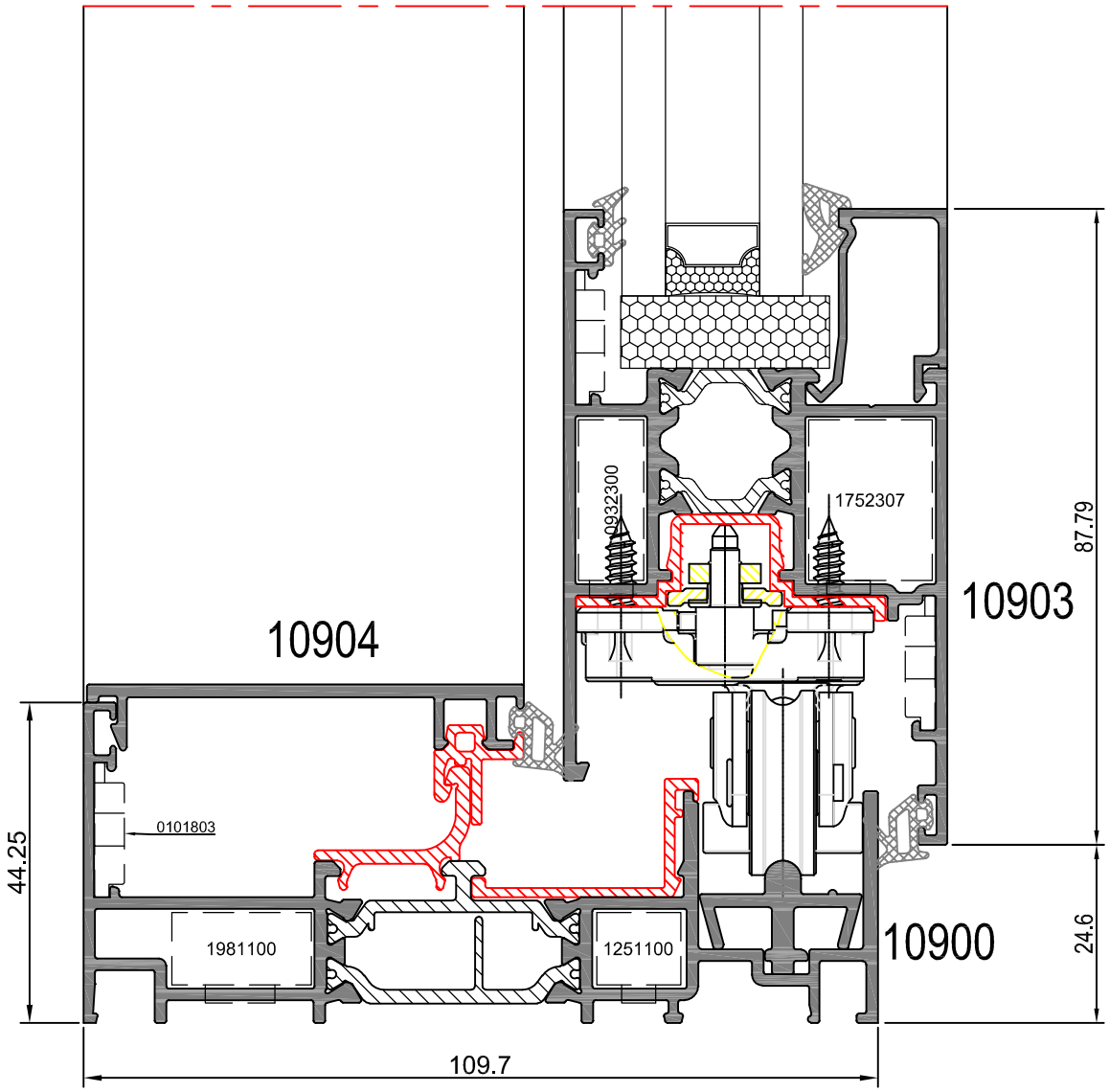
sección 3





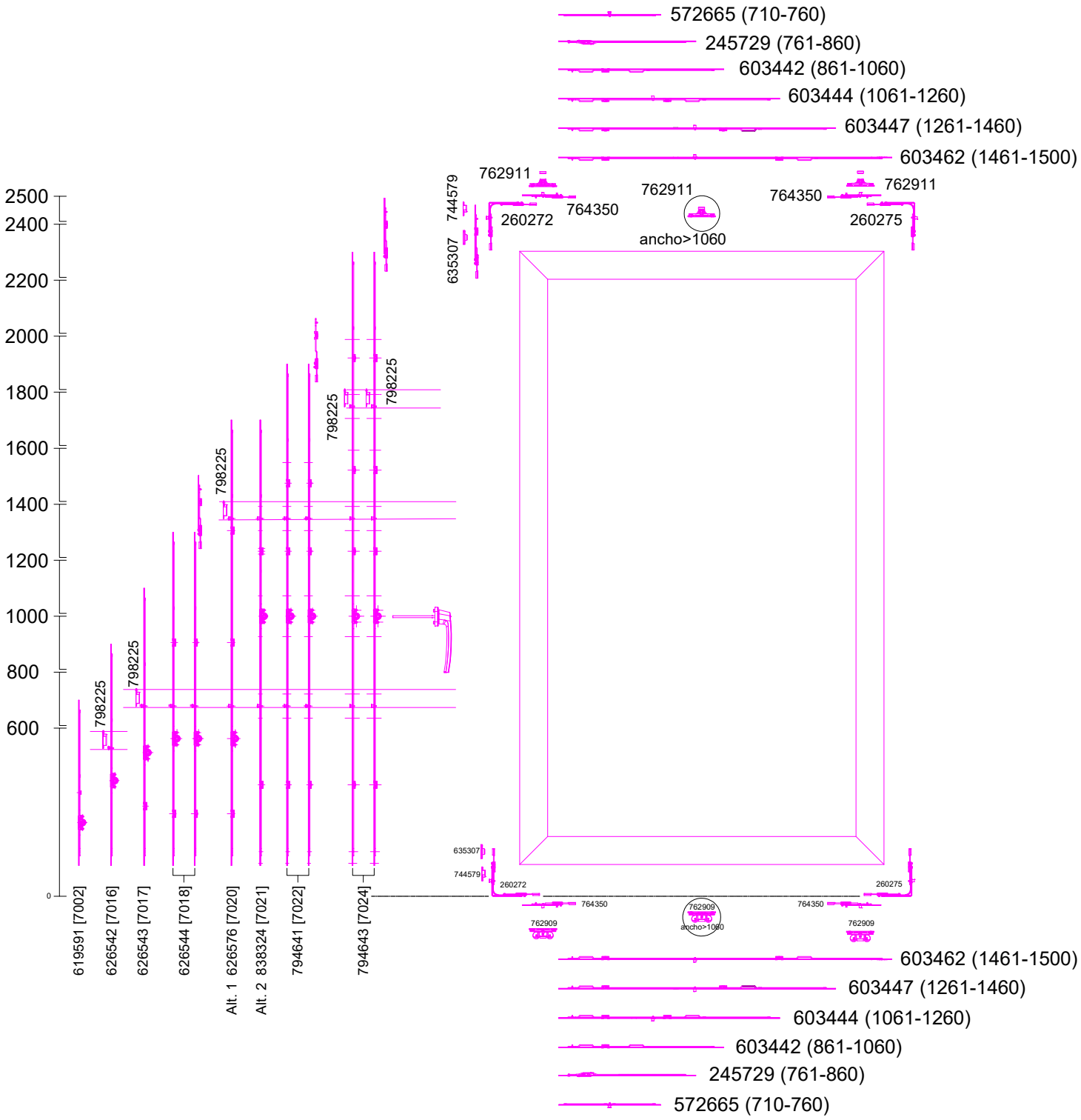
sección 4





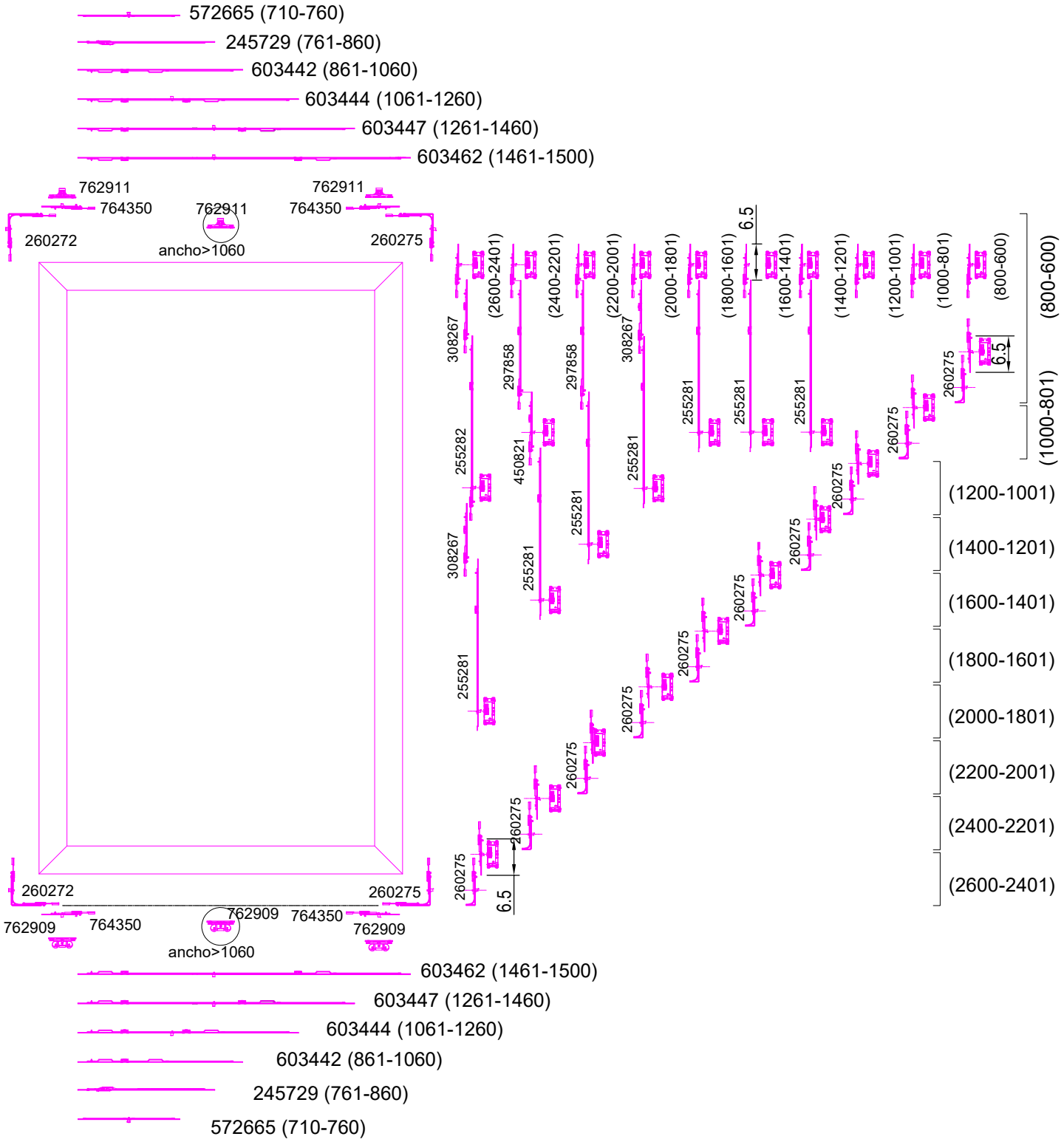
sección 5

Esquema de montaje 1 hojas herraje Roto Patio Inowa



Consultar con oficína técnica las configuraciones según medidas

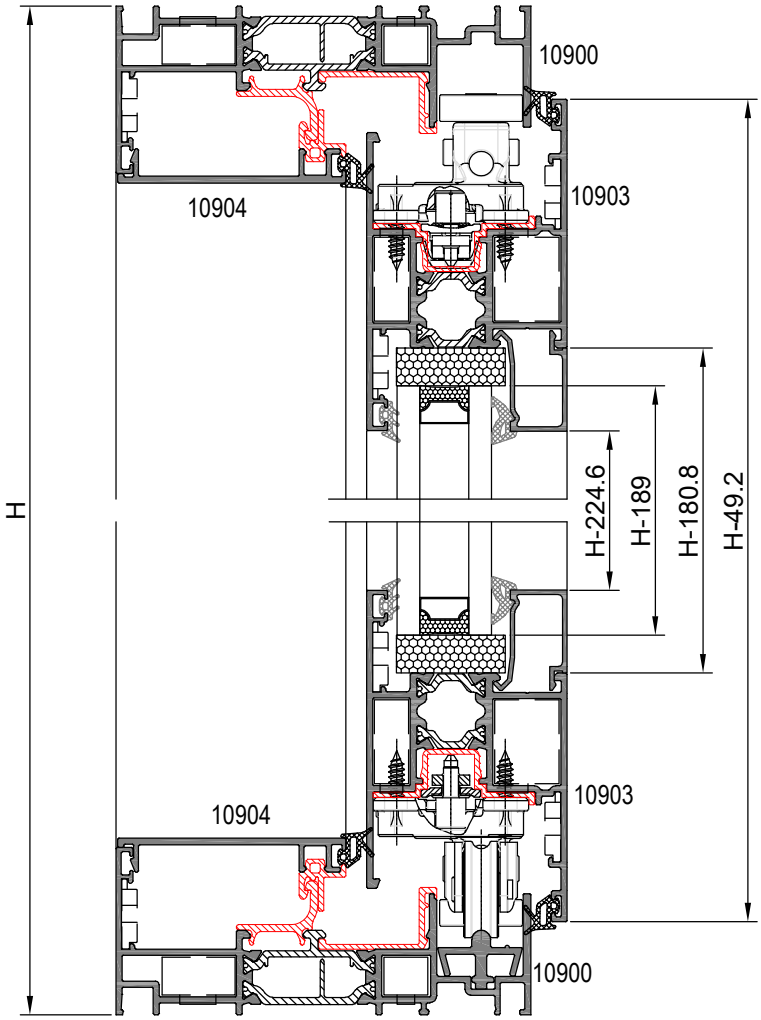
Esquema de montaje 1 hojas herraje Roto Patio Inowa

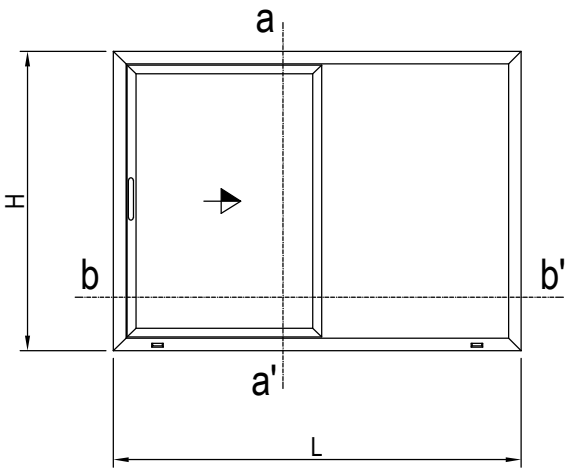


Consultar con oficína técnica las configuraciones según medidas

RTSlide

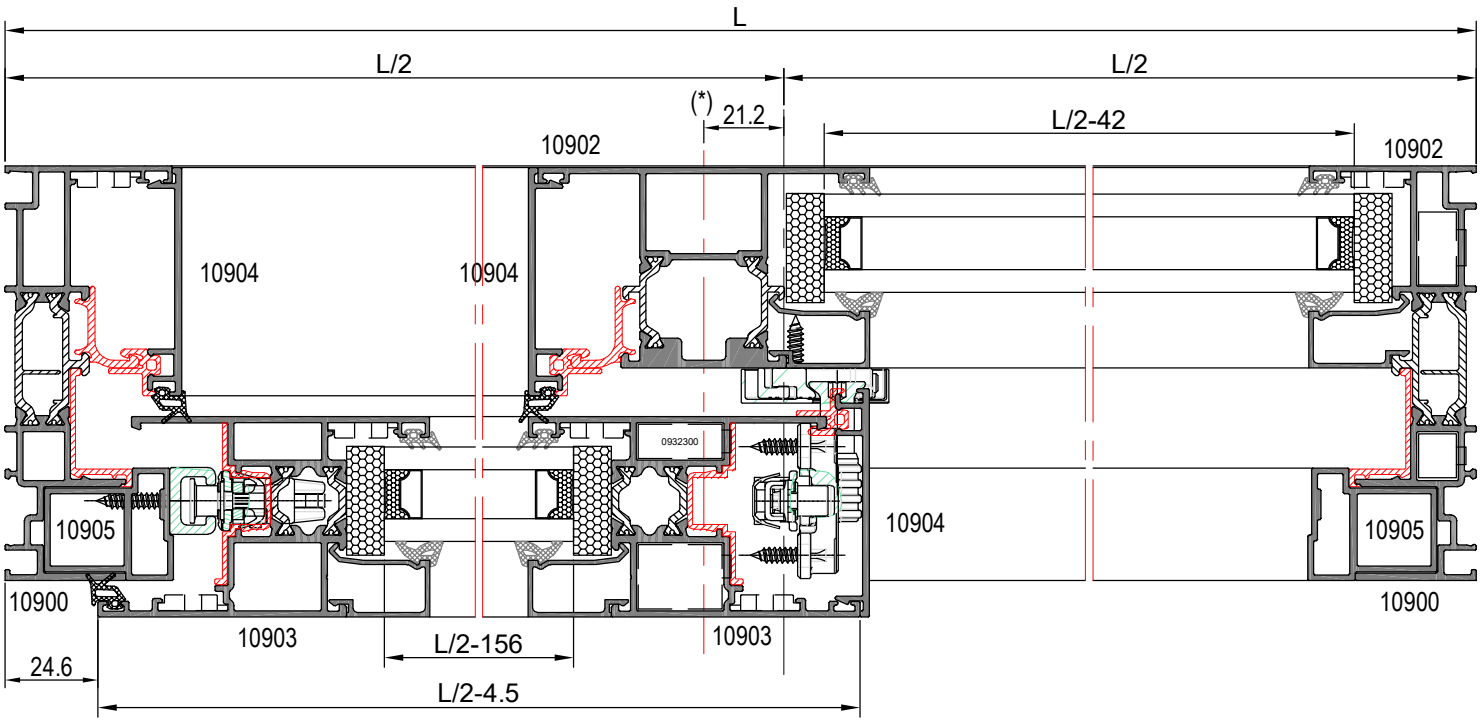
Ventana de 1 hoja con fijo





(*) LA COTA DEJA EL TRAVESAÑO ALINEADO CON LA HOJA EN POSICIÓN CERRADA. PARA OTRAS OPCIONES CONSULTAR

Escala Sección 1:2



Den.	Und.	Referencia	Descripción	Corte	Medidas
Marco	2	10900	Marco lateral		H
	2		Marco superior / inferior		L
Hoja	2	10903	Hoja lateral		H - 49.2
	2		Hoja superior / inferior		L/2 - 4.5
T	1	10902	Travesaño		H - 36.7
	2	10905	Suplemento marco lateral		H - 69.4
	1	10909	Carril rodadura		L - 21
	2	10904	Tapa cierre de marco		H - 93.5
	2		Tapa cierre de marco		L/2 - 109.3
	1	10904	Tapa cierre de cruce		H - 49.2
	2	1882305	Tapa canal		H - 34.7
	2				L - 34.7
	2	1882304	Envolvente canal		H - 111
	2				L/2 - 66.2
	2	1882303	clip cruce / galce		H - 44.5
	1				H - 49.2
	2				L/2 -103
	2	1882306	Base clip		H - 44.5
	2				L/2 -103
	2	s/vidrio	Junquillos hoja		H - 224.6
	2				L/2 - 136
	2	s/vidrio	Junquillos fijo		H - 88.4
	2				L/2 - 22.8
Acrist. (Hoja)			L/2-156 x H-189		
Acrist. (Fijo)			L/2-42 x H-65		

Den.	Unidades	Referencia	Descripción
Accesorios	4	1251100	Escuadra interior marco
	4	1981100	Escuadra exterior marco
	4	1752307	Escuadra interior hoja
	4	0932300	Escuadra exterior hoja
	12	0101803	Escuadra alin. marco/hoja
	2	0165256	Unión de T
	2	302264	Tapa salida de agua
	2	0000010	Kit tapas de cierre
Juntas	4L/2 + 7H	1882307	Junta perimetral de hoja
	2L + 4H	P2155	Junta acrist. exterior
	2L + 4H	s/vidrio	Junta acrist. interior

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