

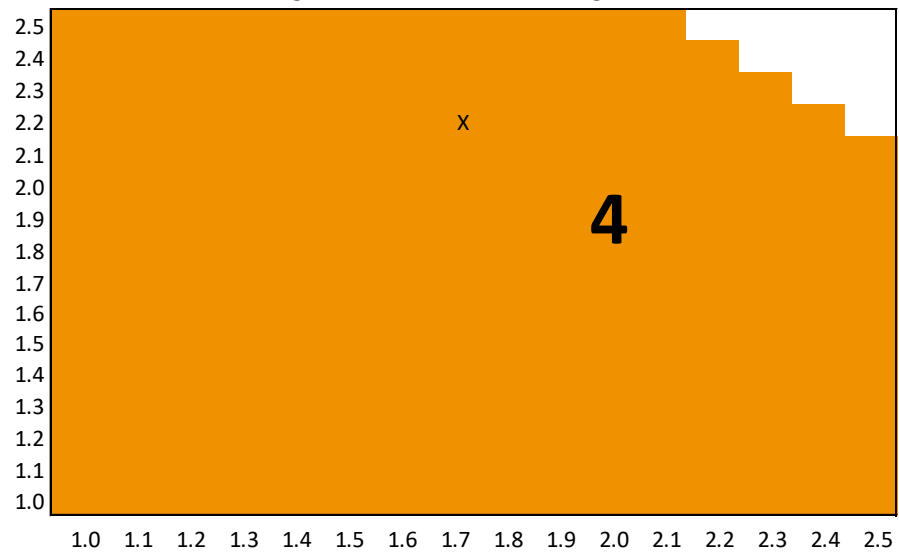
THERMIA® AR52

Serie para ventanas practicables con RPT

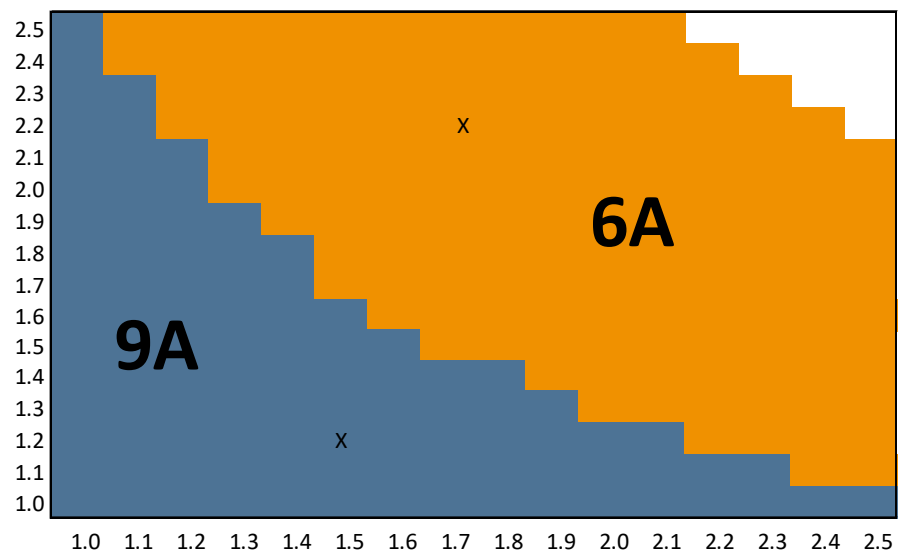


Ventanas para vivir mejor

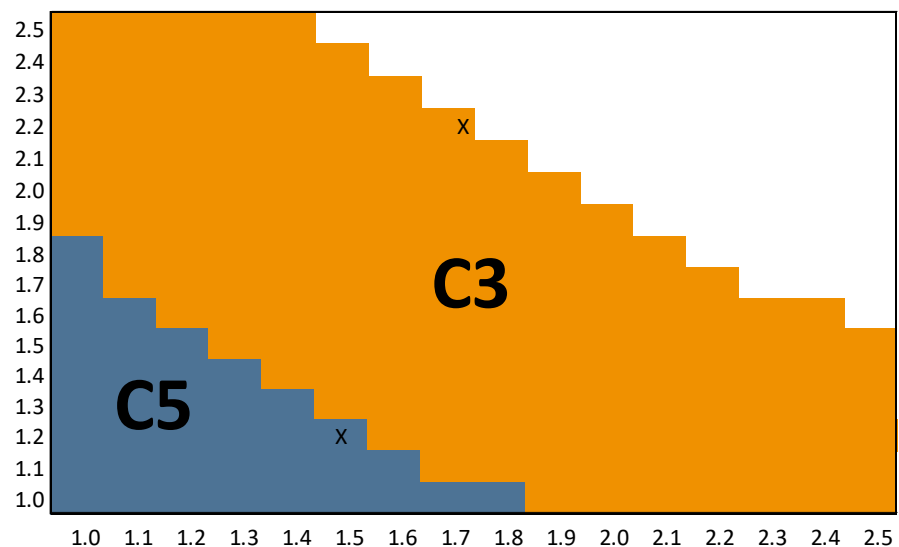
PERMEABILIDAD AL AIRE según EN 12207 - Marcado CE según EN 14351-1:2006+A2:2016



ESTANQUIDAD AL AGUA según EN 12208 - Marcado CE según EN 14351-1:2006+A2:2016

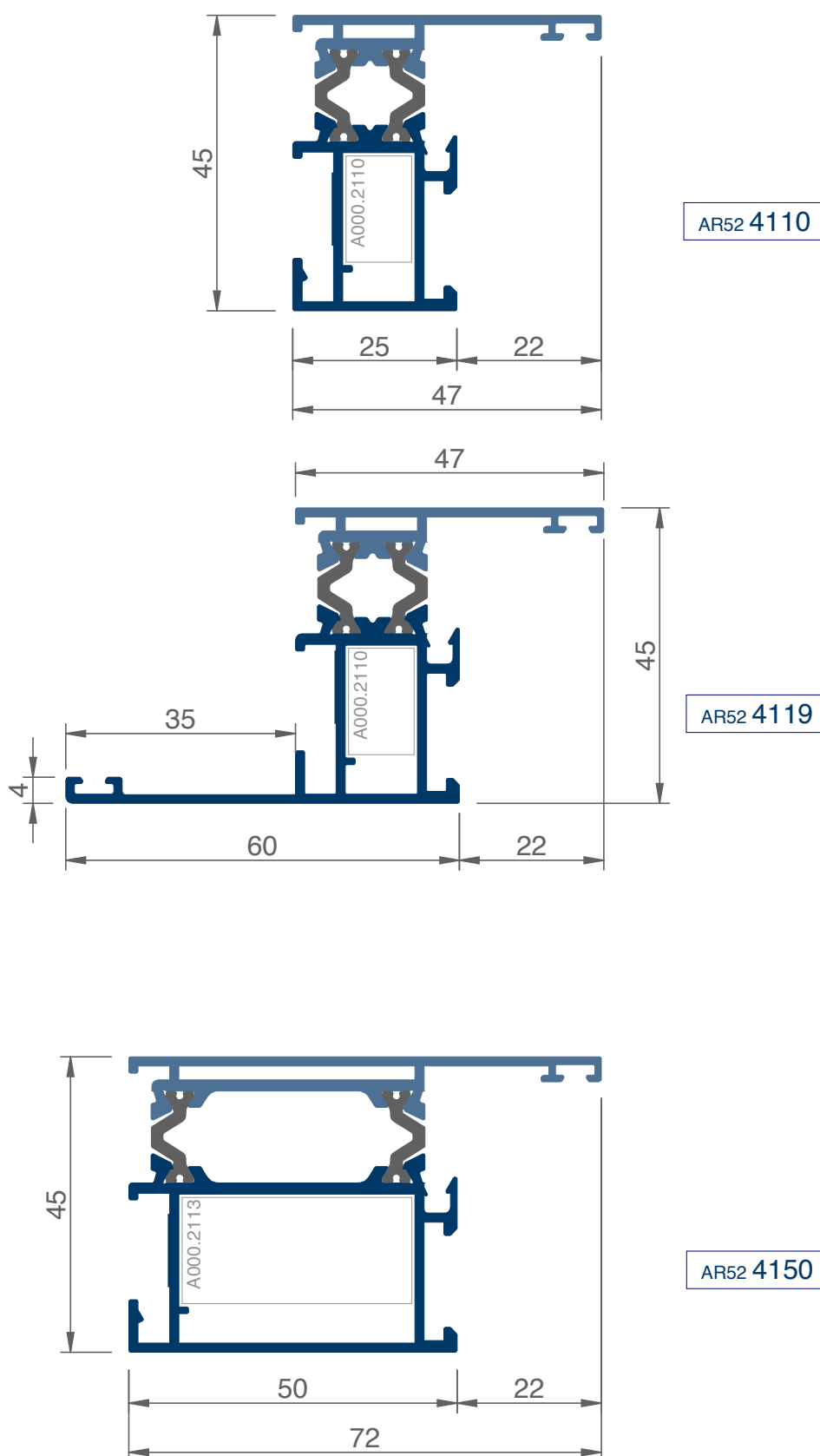


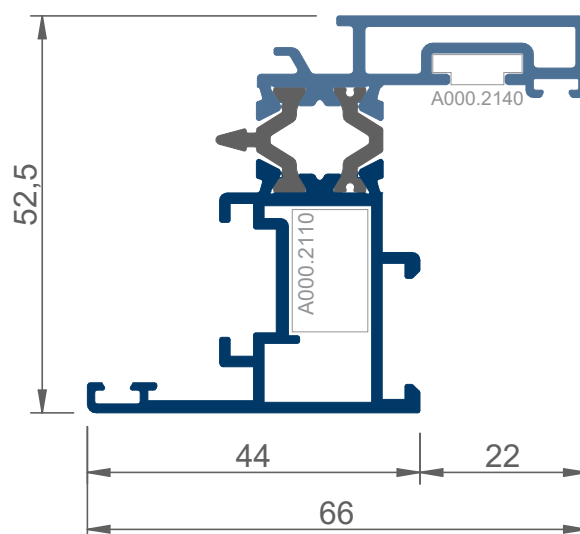
RESISTENCIA AL VIENTO según EN 12210 - Marcado CE según EN 14351-1:2006+A2:2016



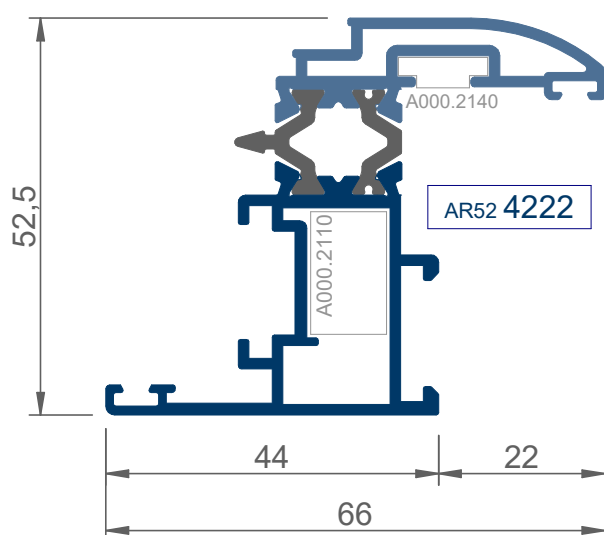
Resultados obtenidos de los informes según Ensatec con número de ensayo 212466, y en base al Anexo E de la norma EN 14351-1:2006+A2:2016.

Diseño
Confort
Silencio

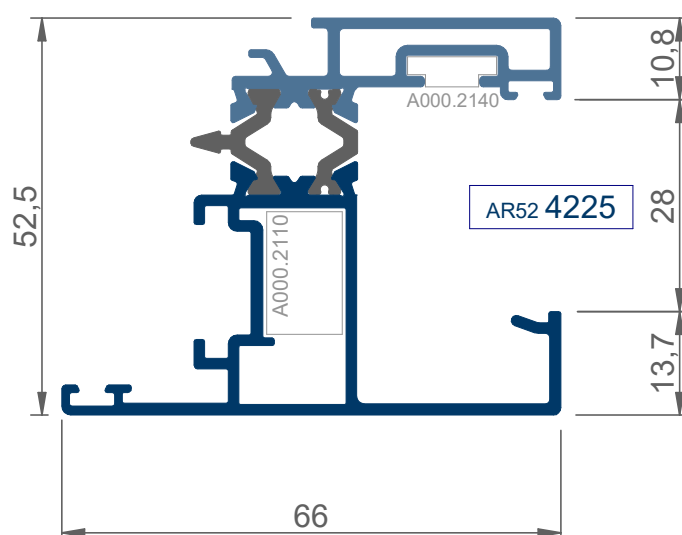




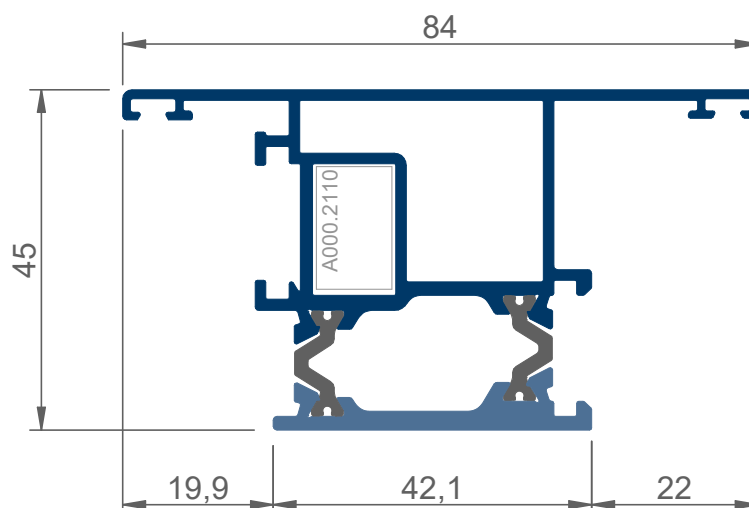
AR52 4223



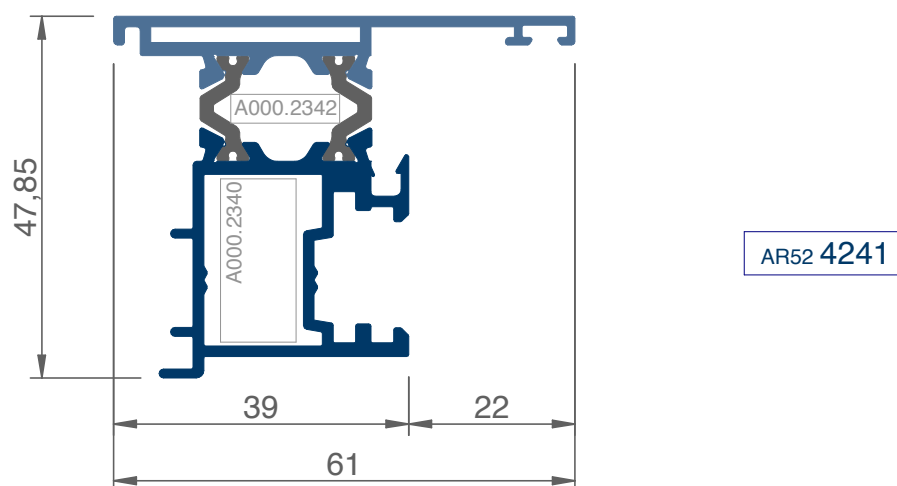
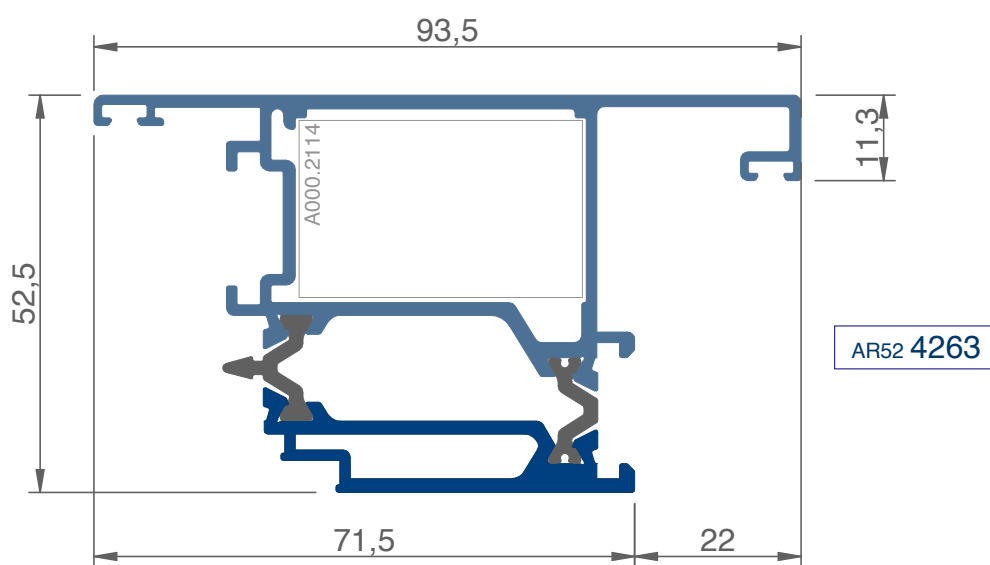
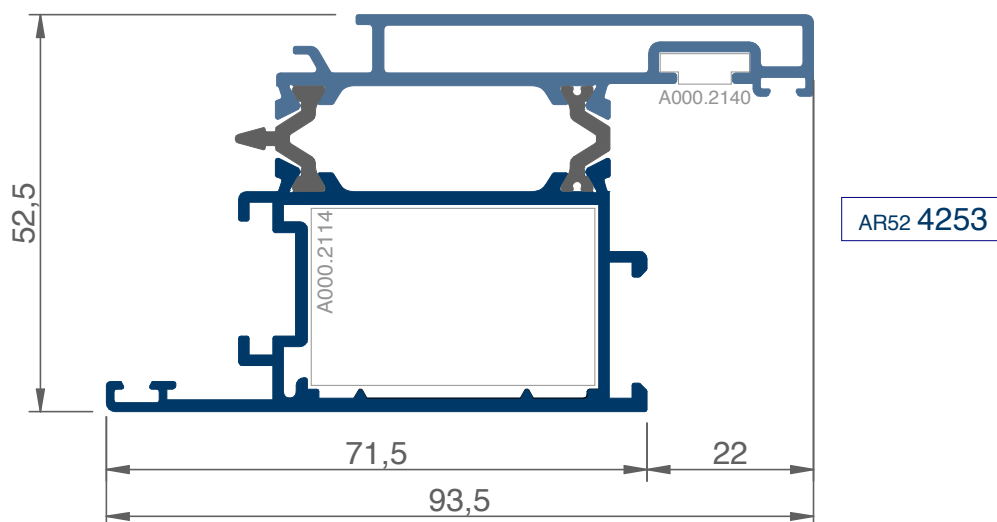
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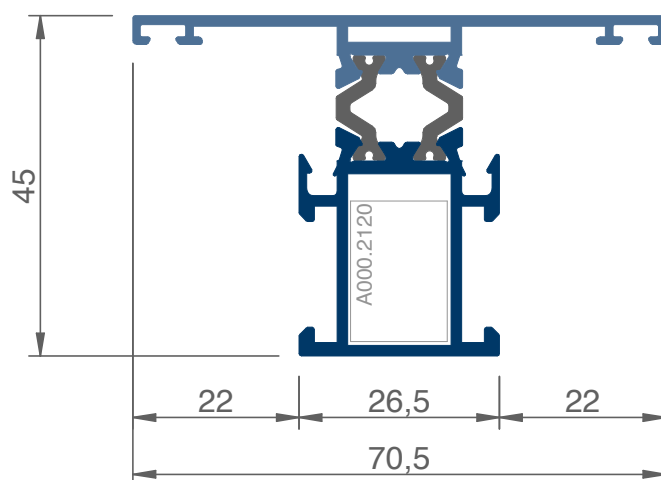


AR52 4225

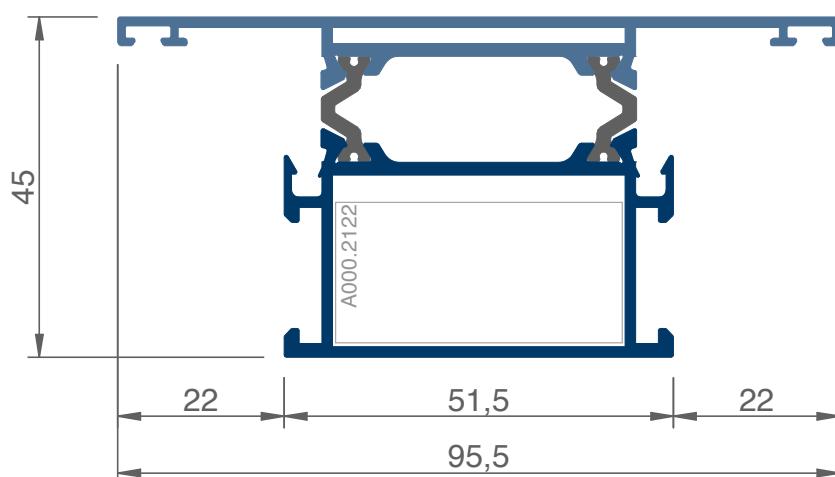


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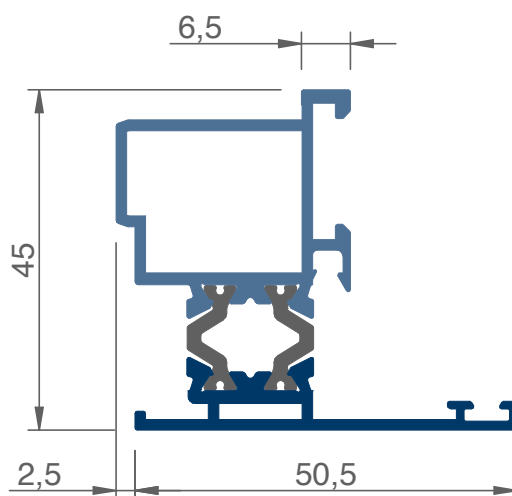




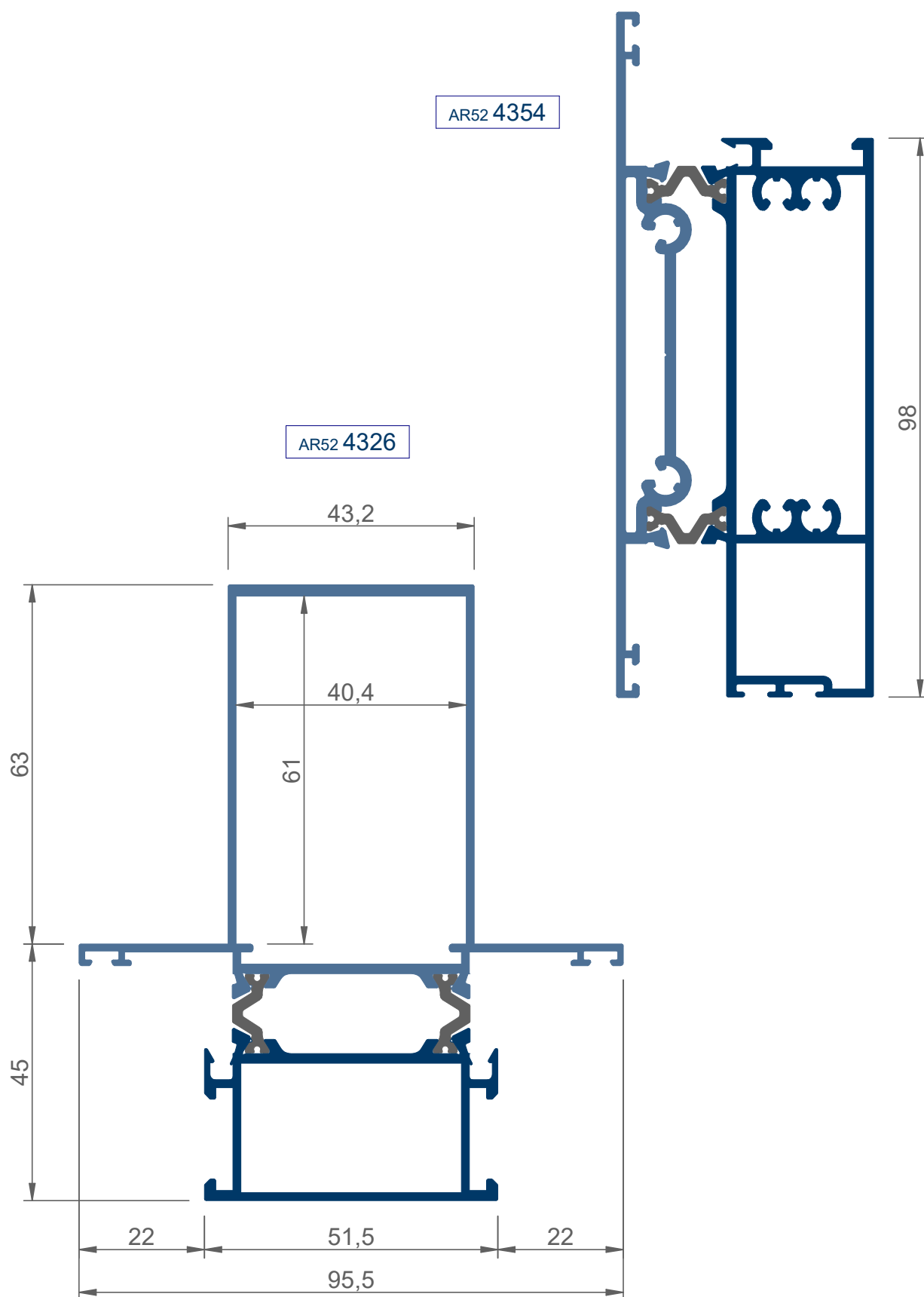
AR52 4310



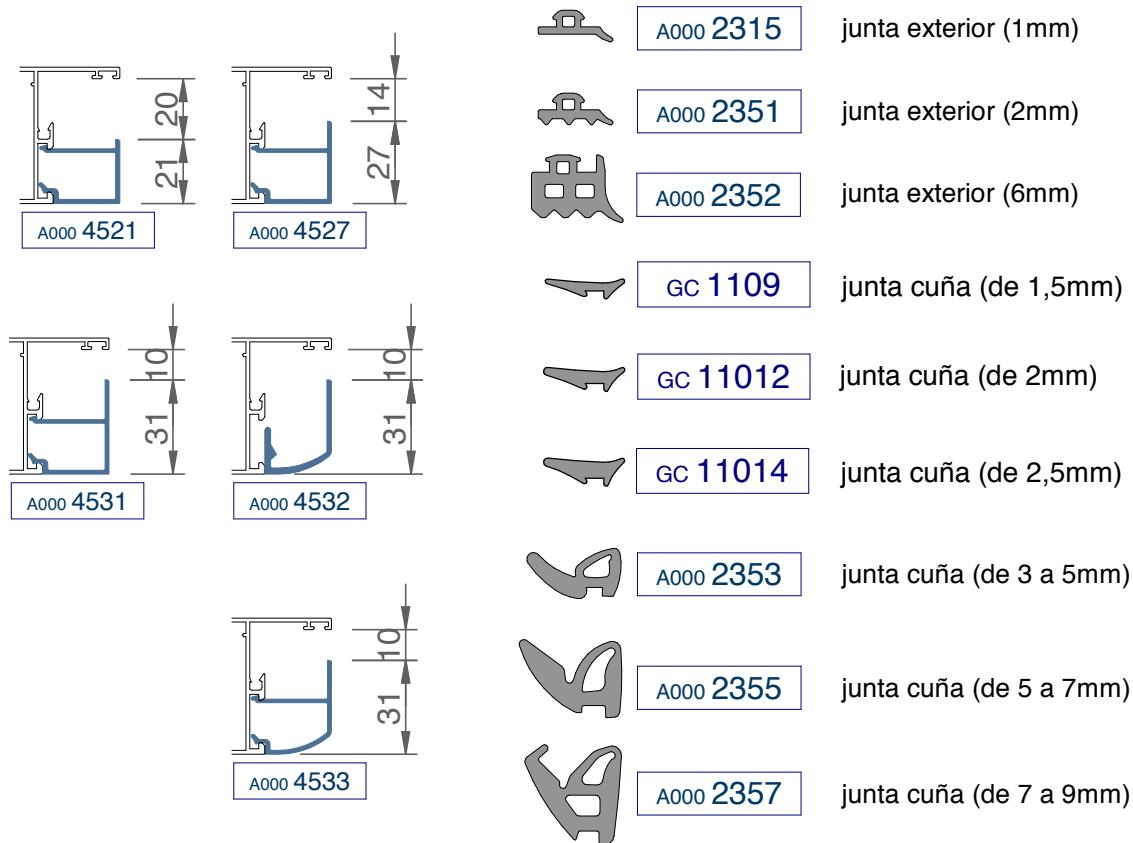
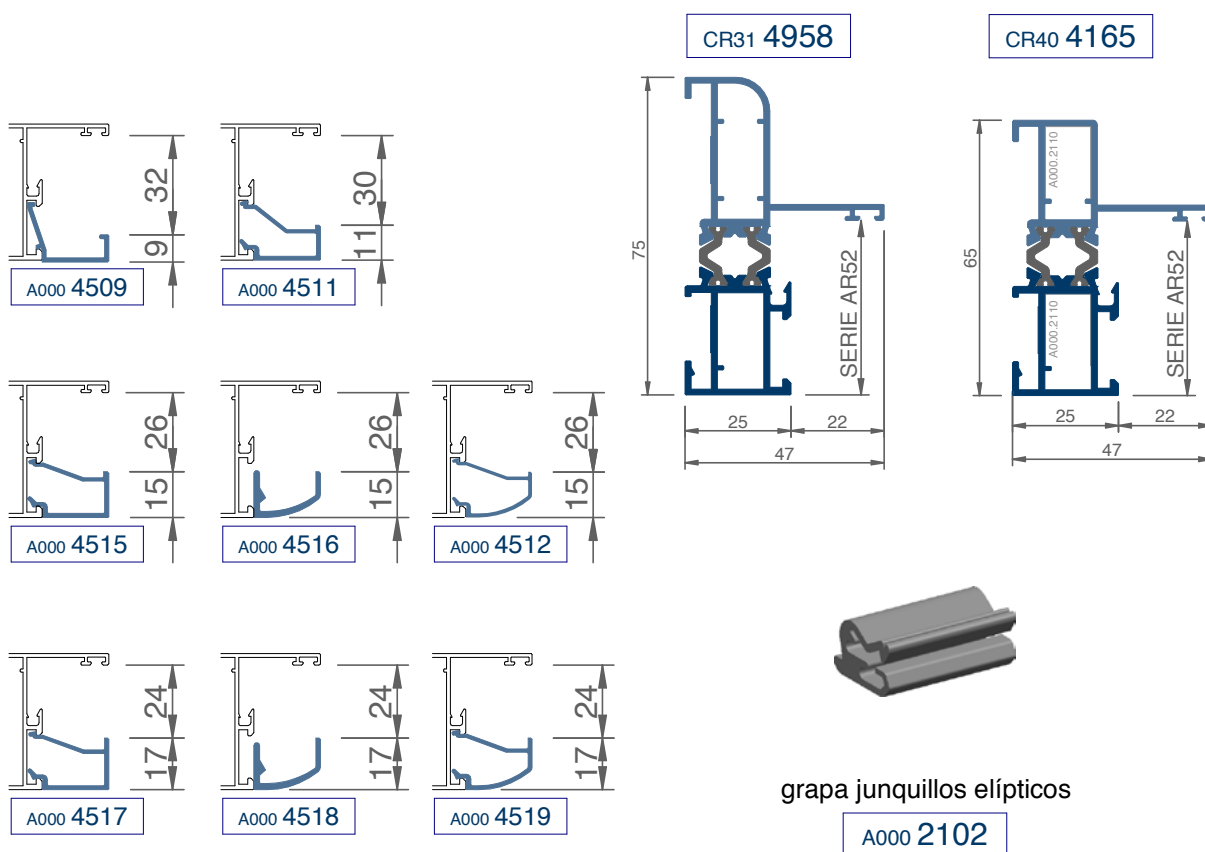
AR52 4320



AR52 4278

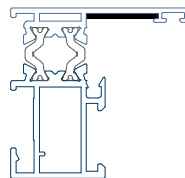


Diseño
Confort
Silencio

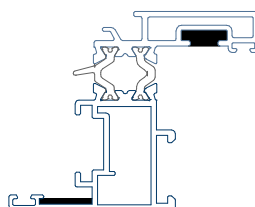
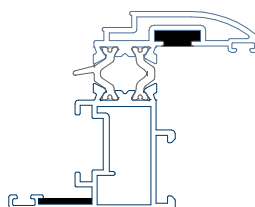


Diseño
Confort
Silencio

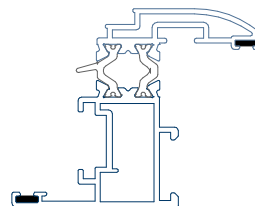
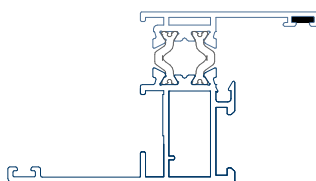
escuadra alineación alas exteriores



escuadra alineación ala cremona



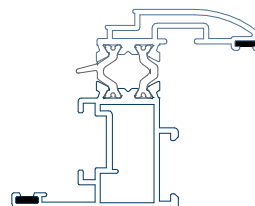
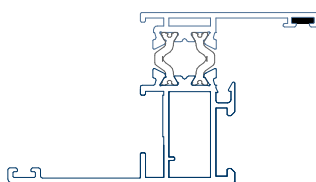
escuadra alineación multiuso

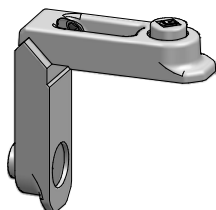


escuadra alineación multiuso (alojamiento juntas)

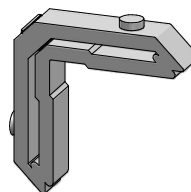


colocación posible
con la junta

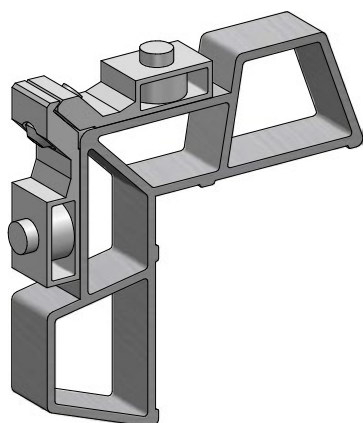




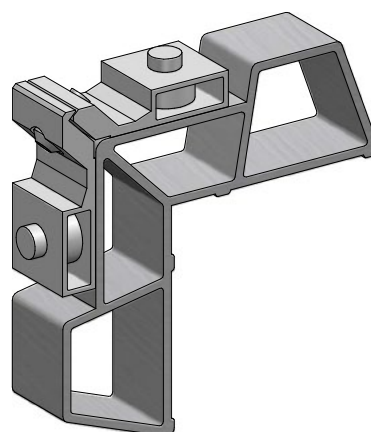
A000 2110
escuadra base



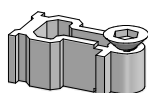
AR52 2118
escuadra exterior



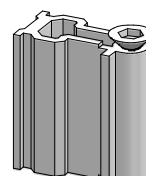
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escuadra hoja p.



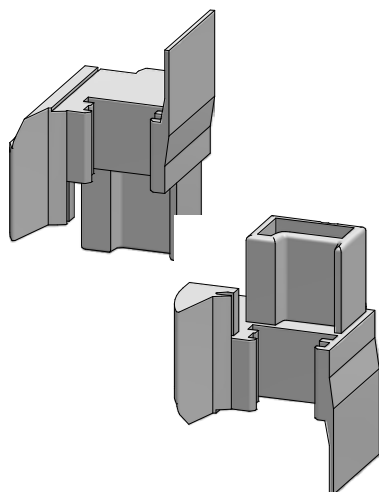
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escuadra hoja p.



A000 2120
unión travesaño

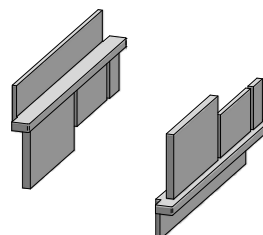


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unión montante



A000 2340

juego base tapas inv CE



A000 2342

juego tapas ext inv recto



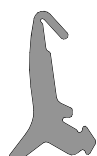
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tapón deflector
con lámina



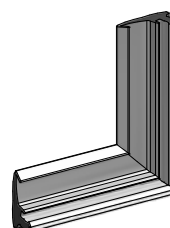
A000 2320

junta int hoja



A000 2310

junta central

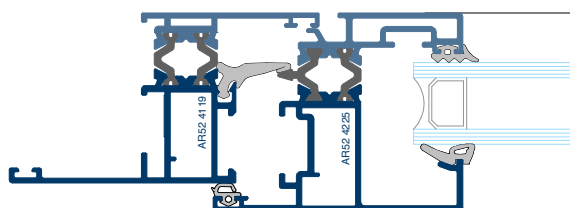
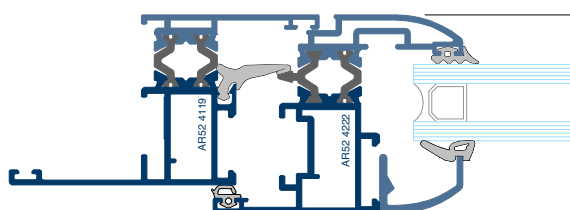
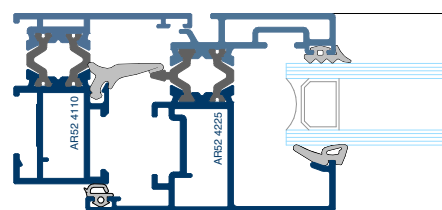
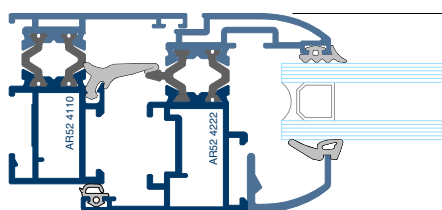
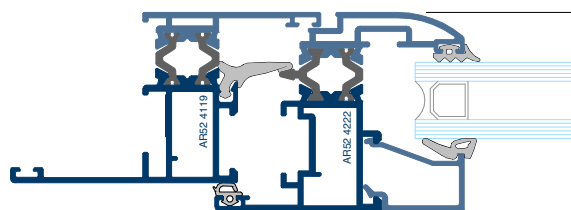
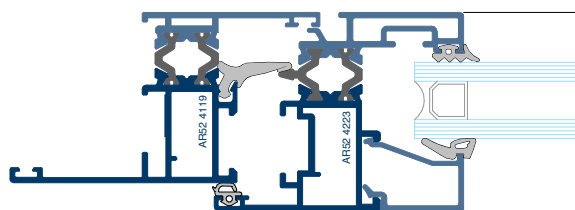
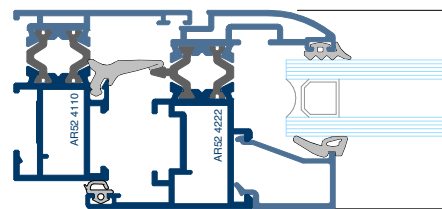
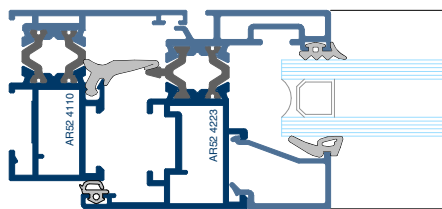


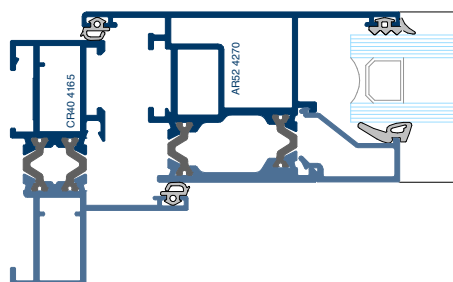
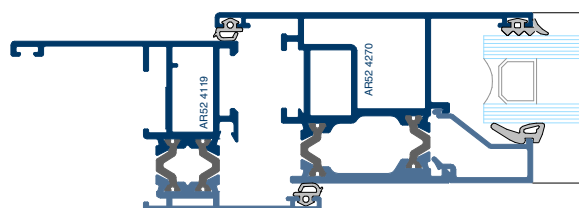
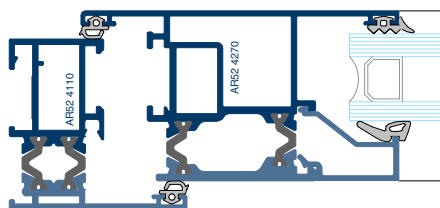
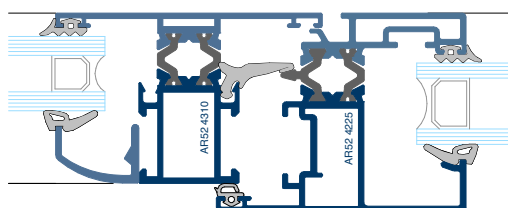
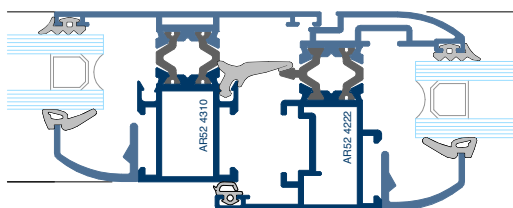
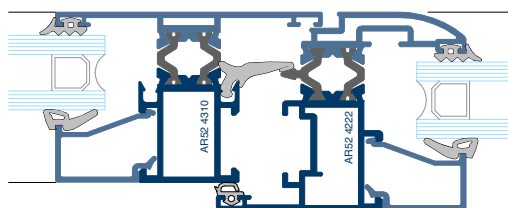
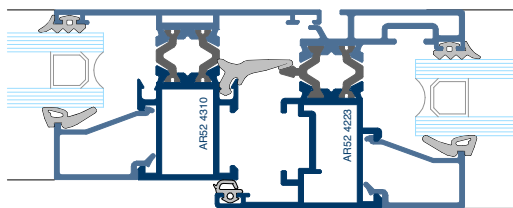
A000 2309

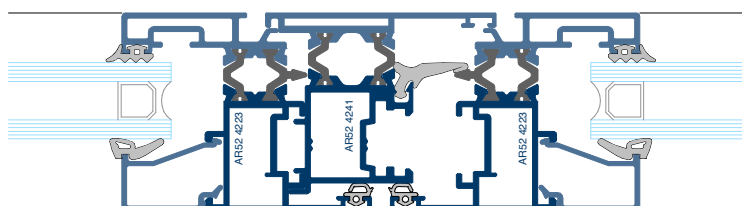
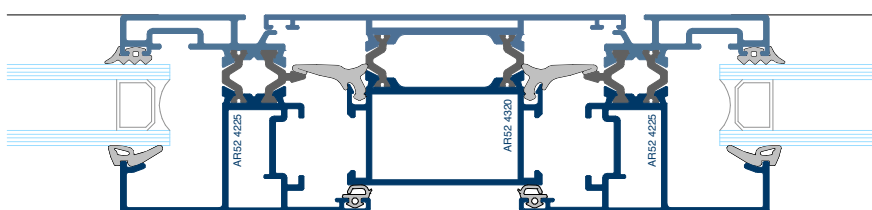
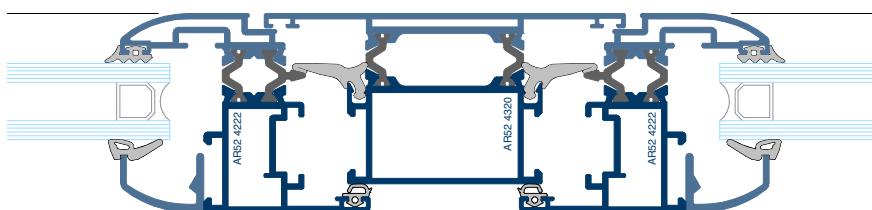
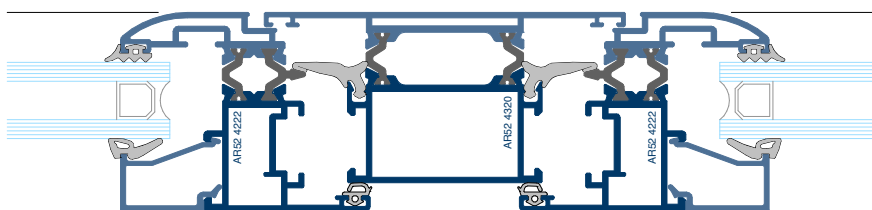
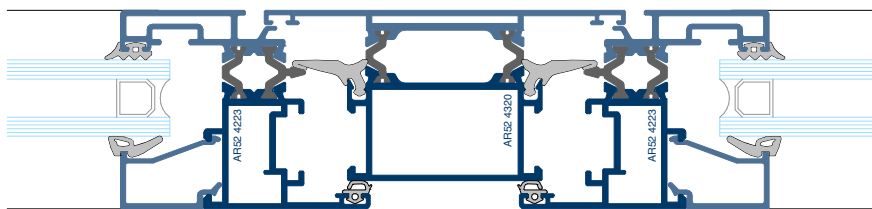
ángulo junta central

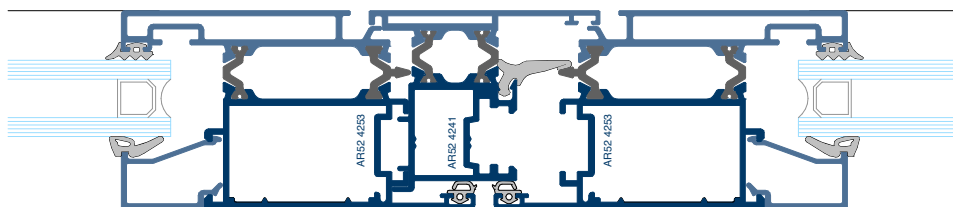
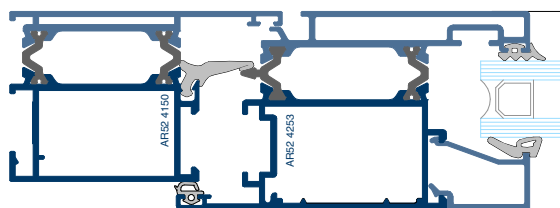
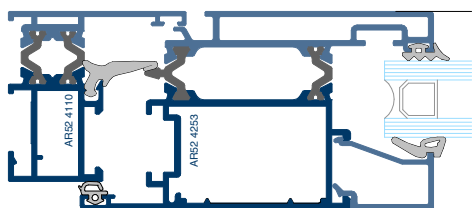
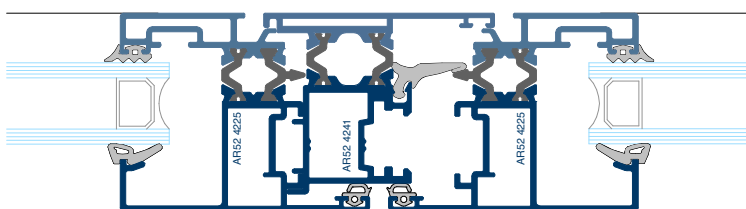
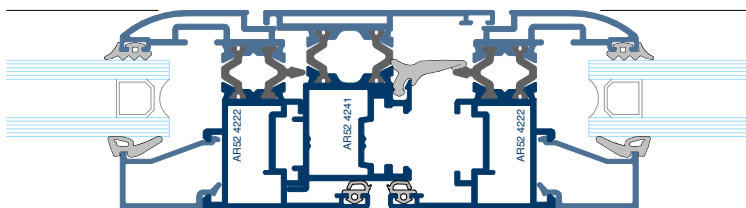
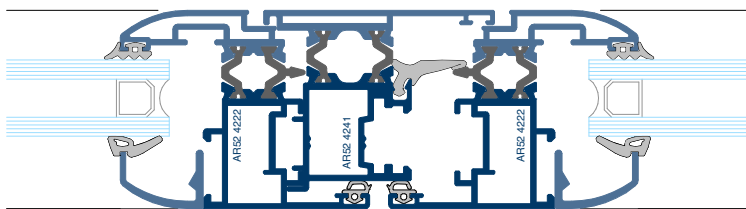
Para accesorios de Maniobra consultar catálogo específico

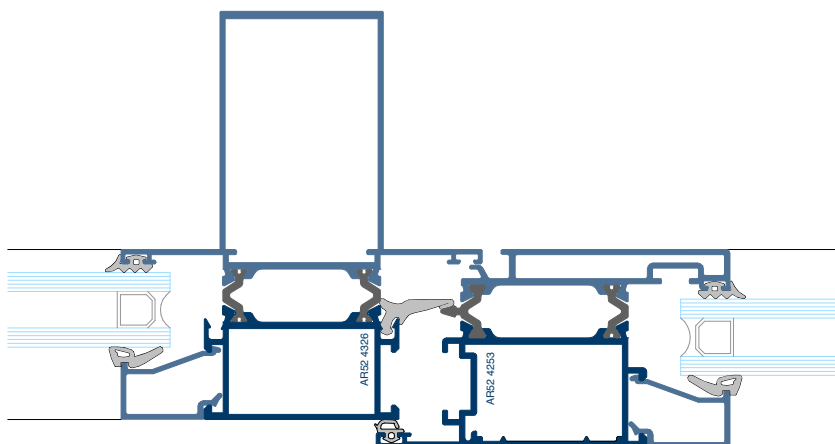
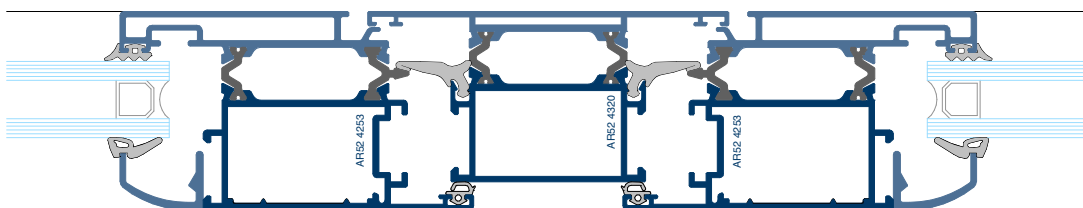
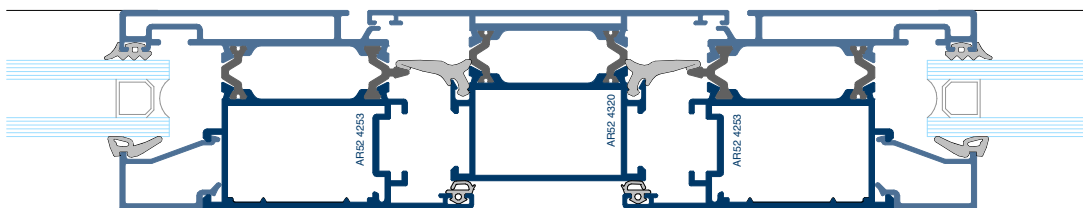
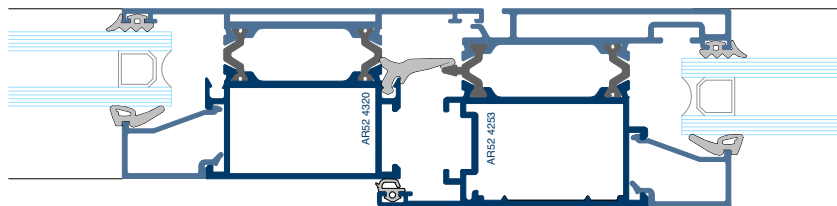
Diseño
Confort
Silencio

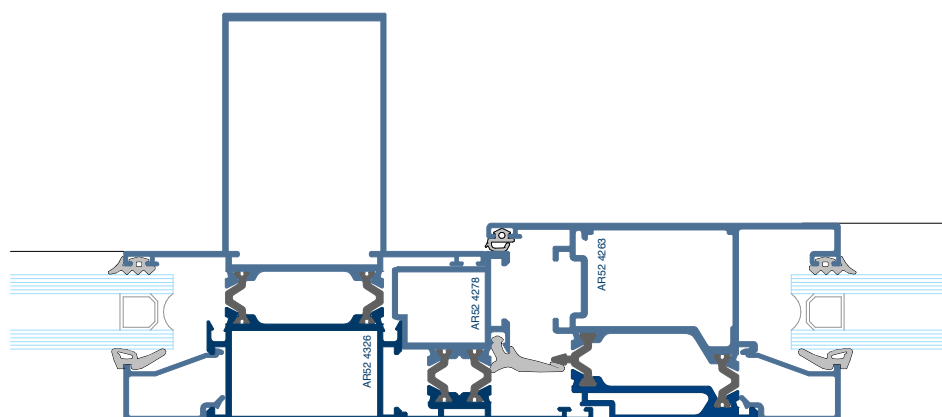
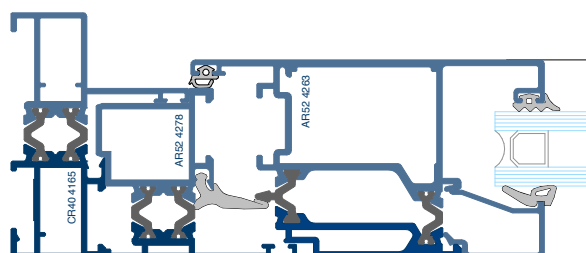
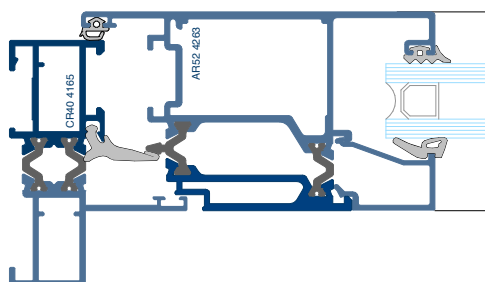
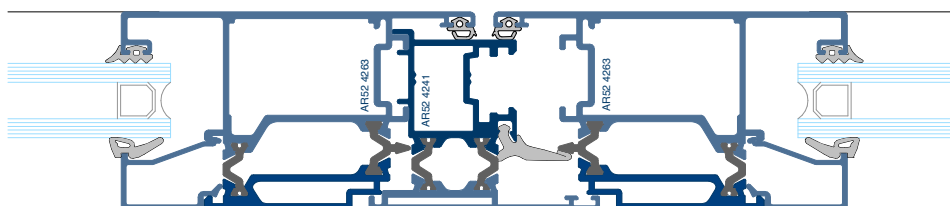
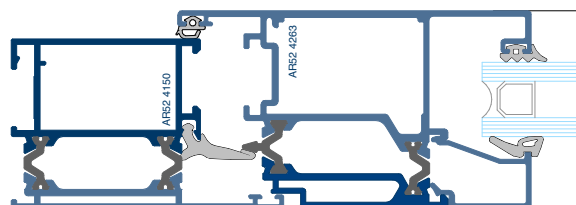
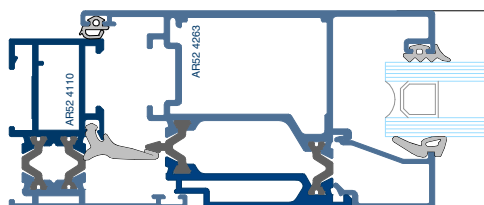


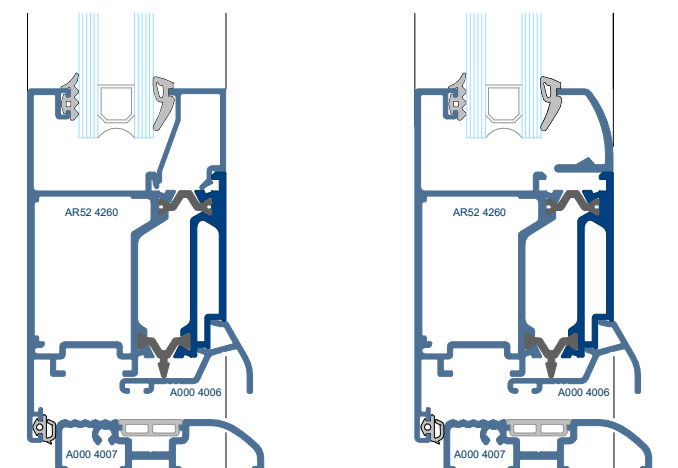
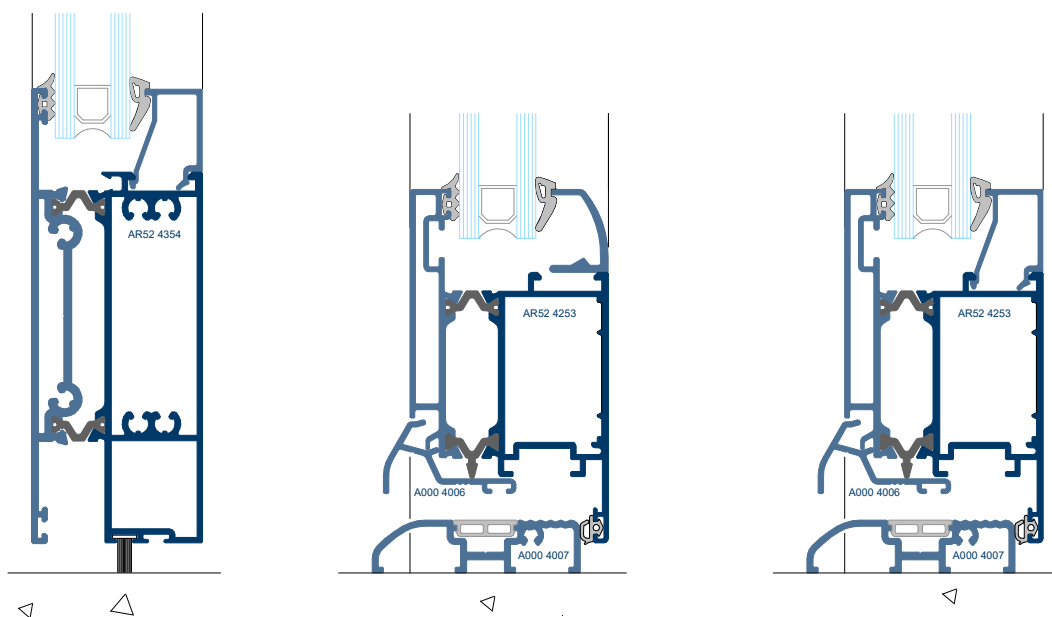


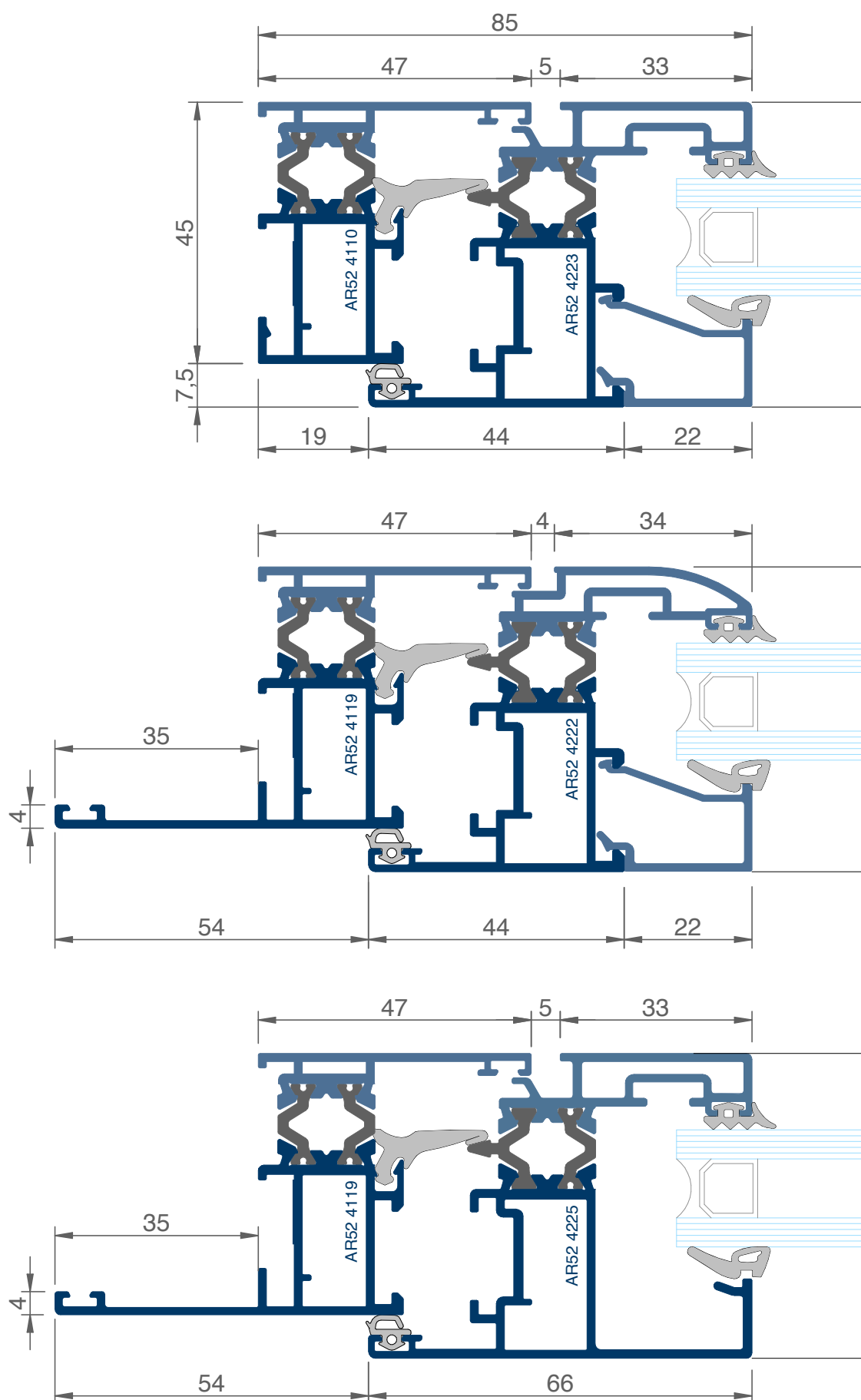


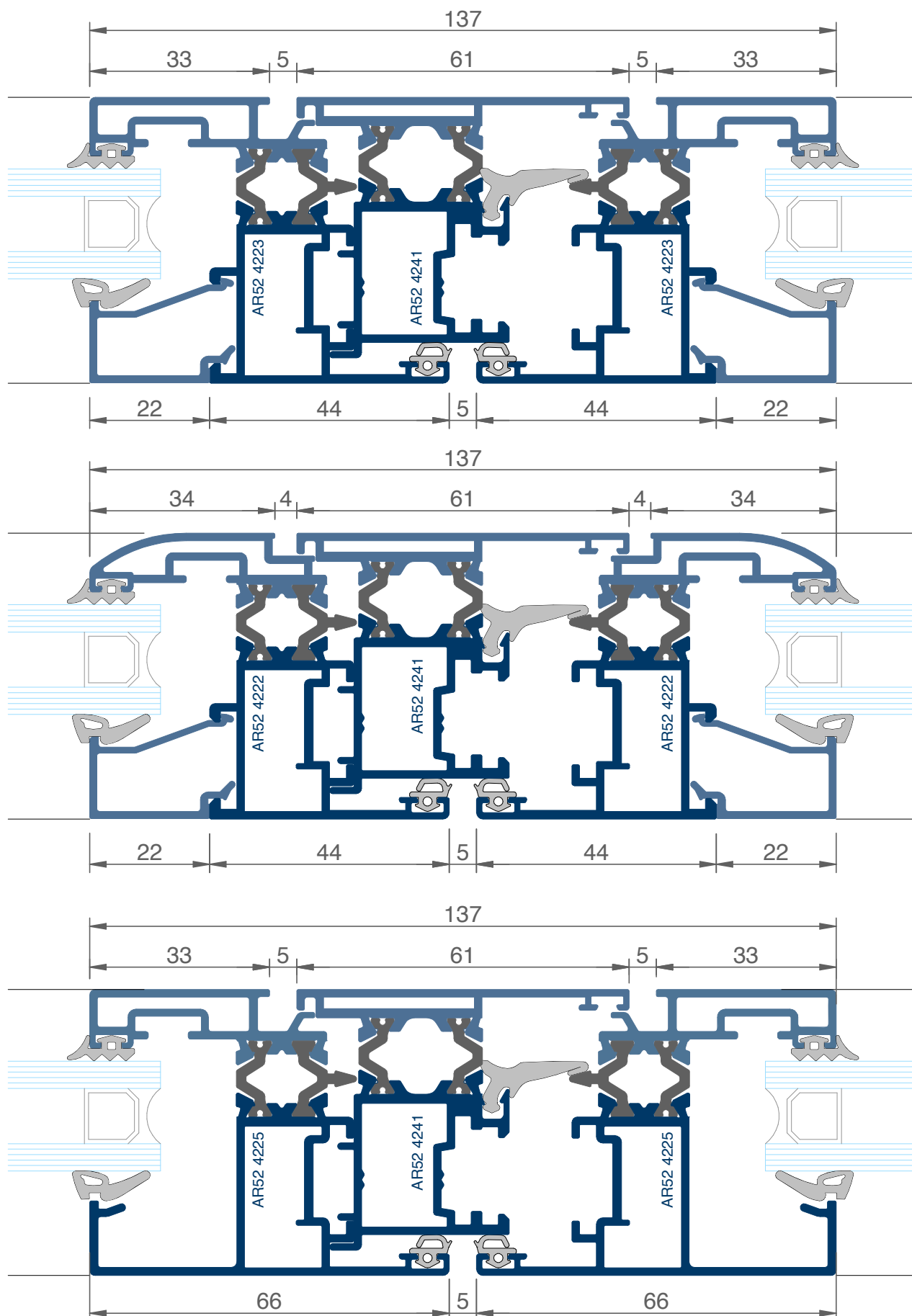


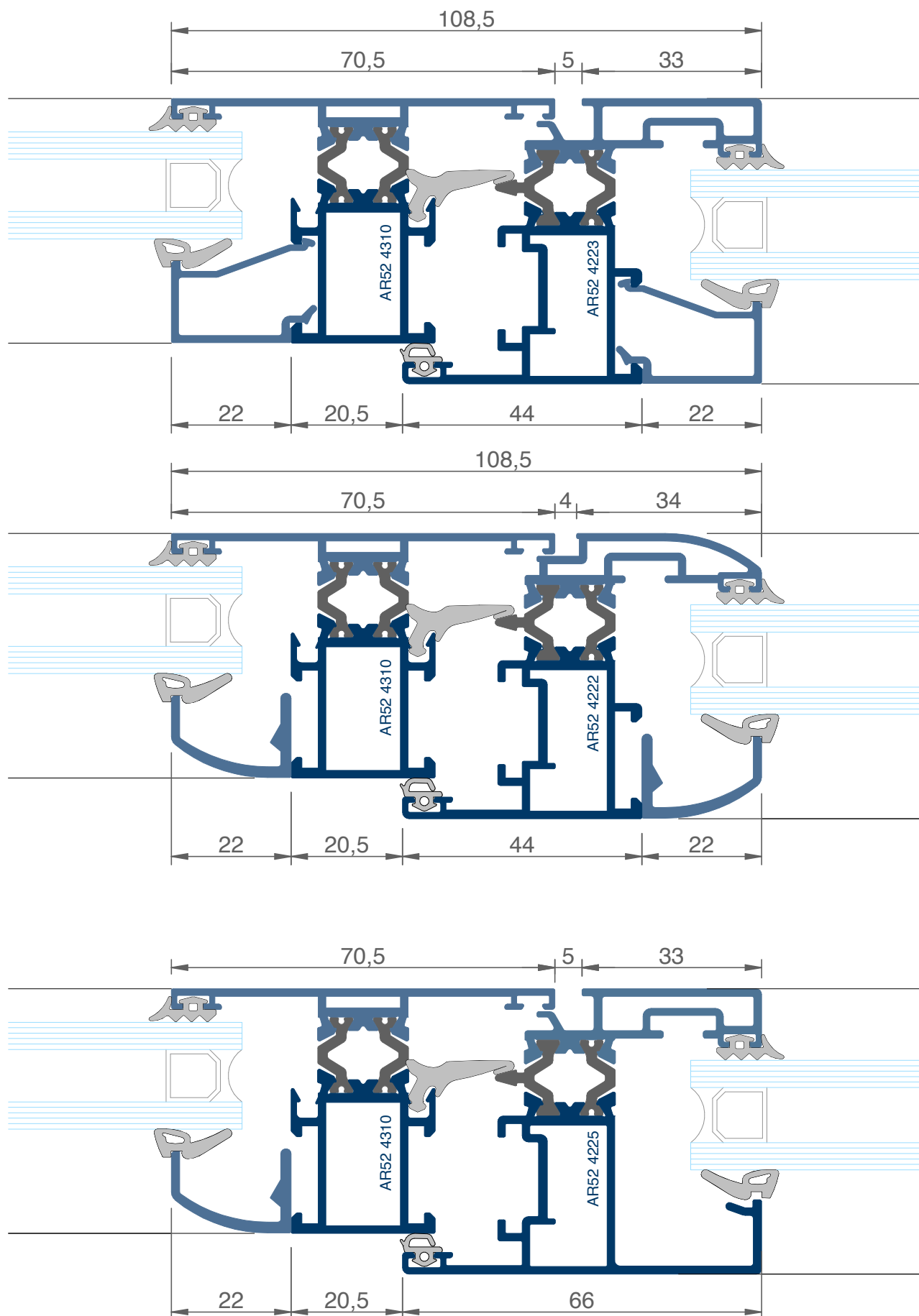


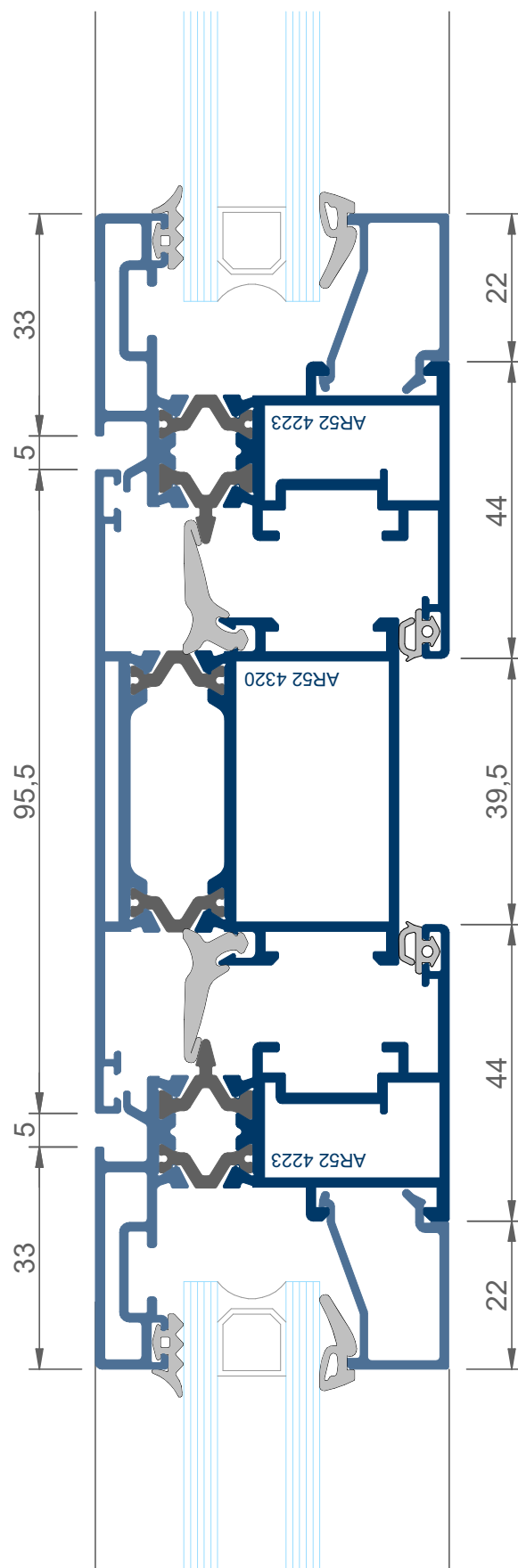




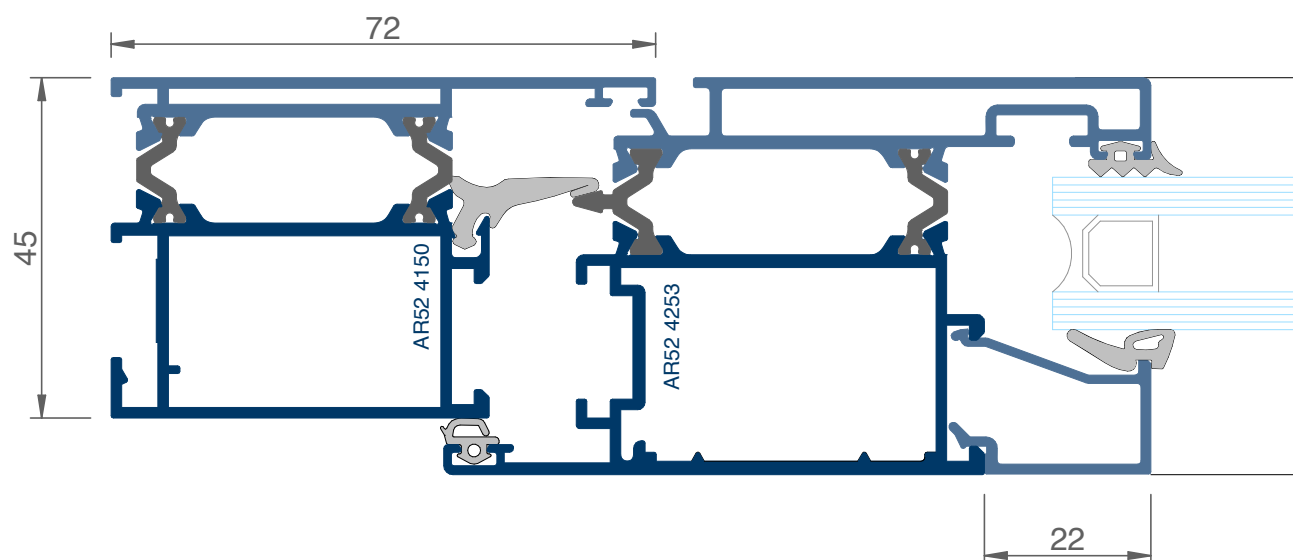
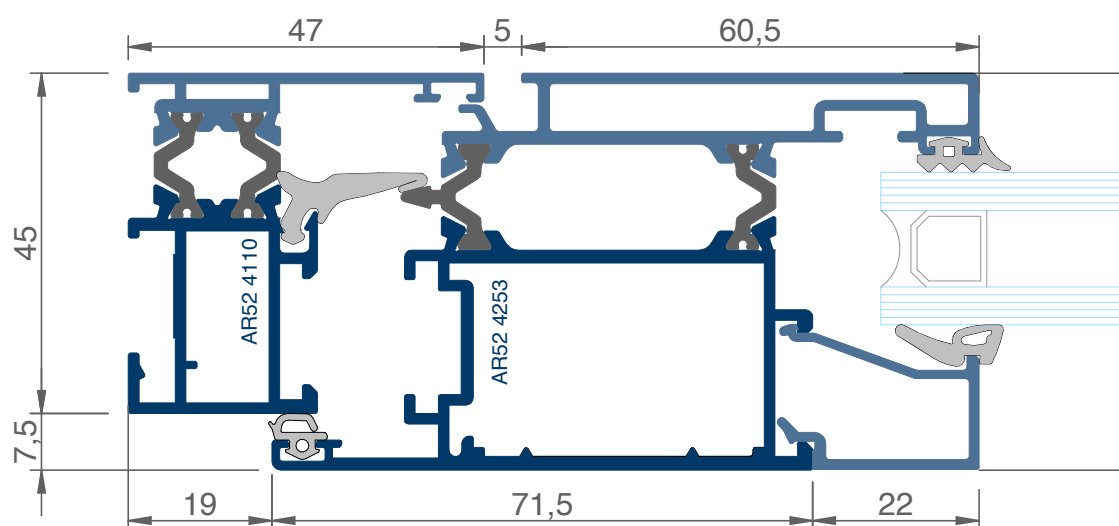
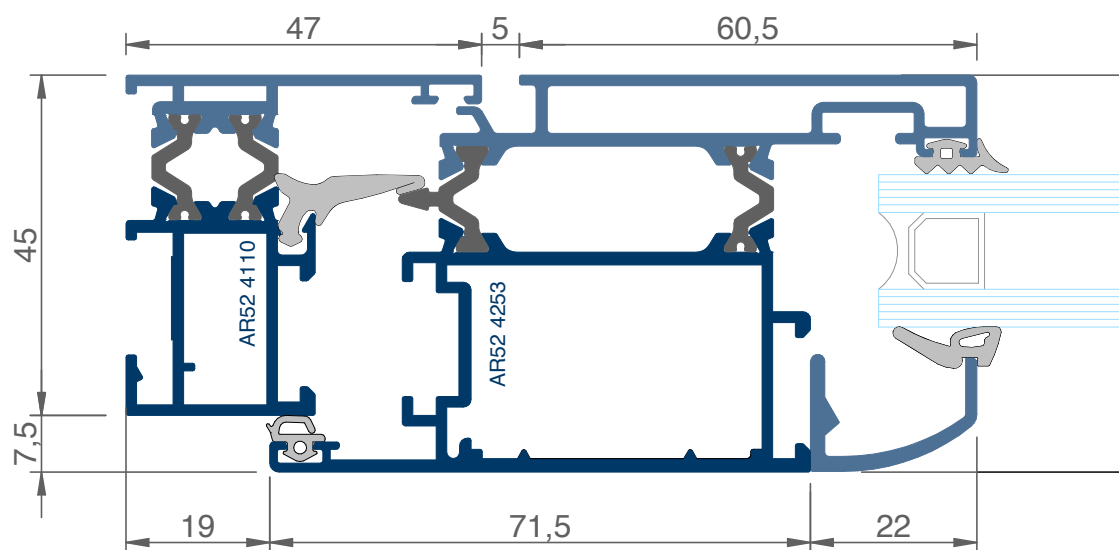


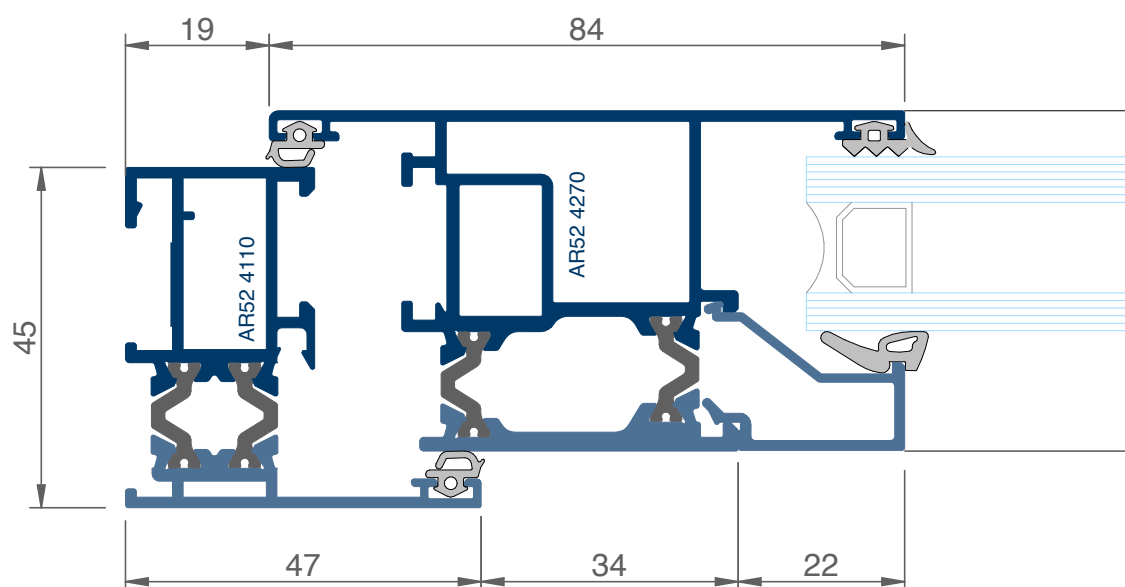
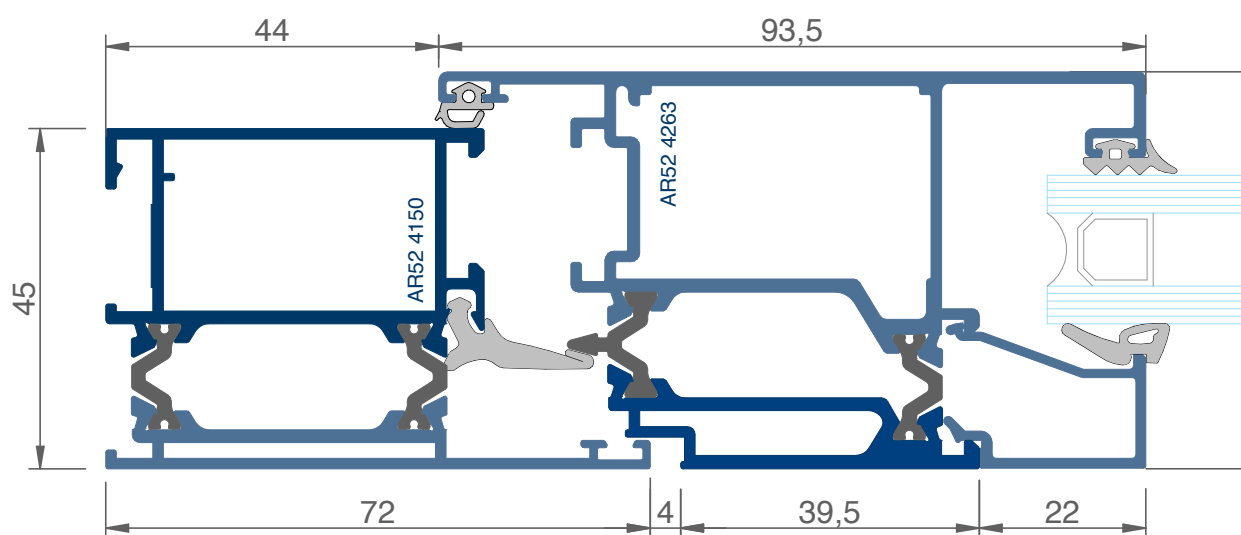
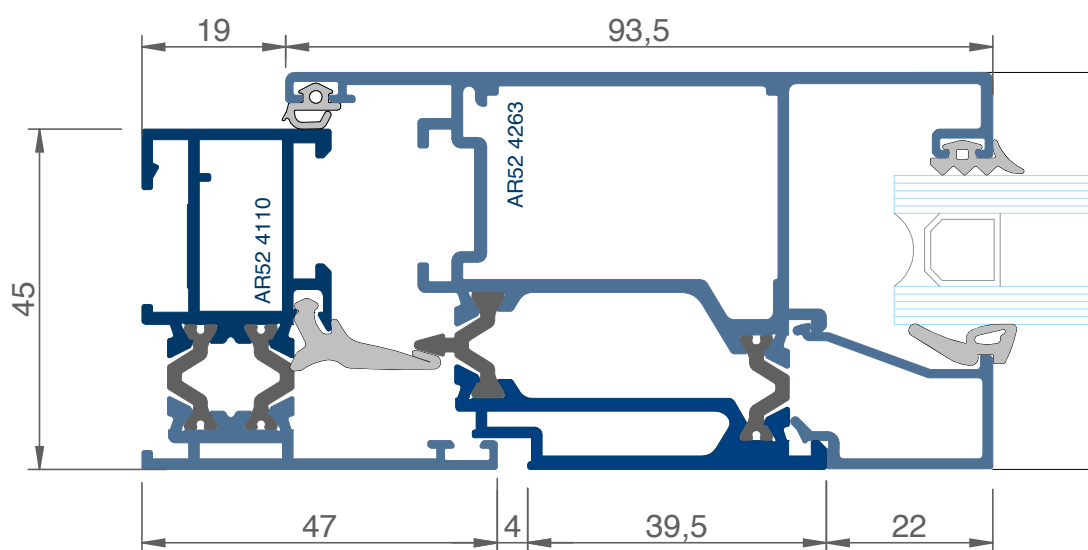


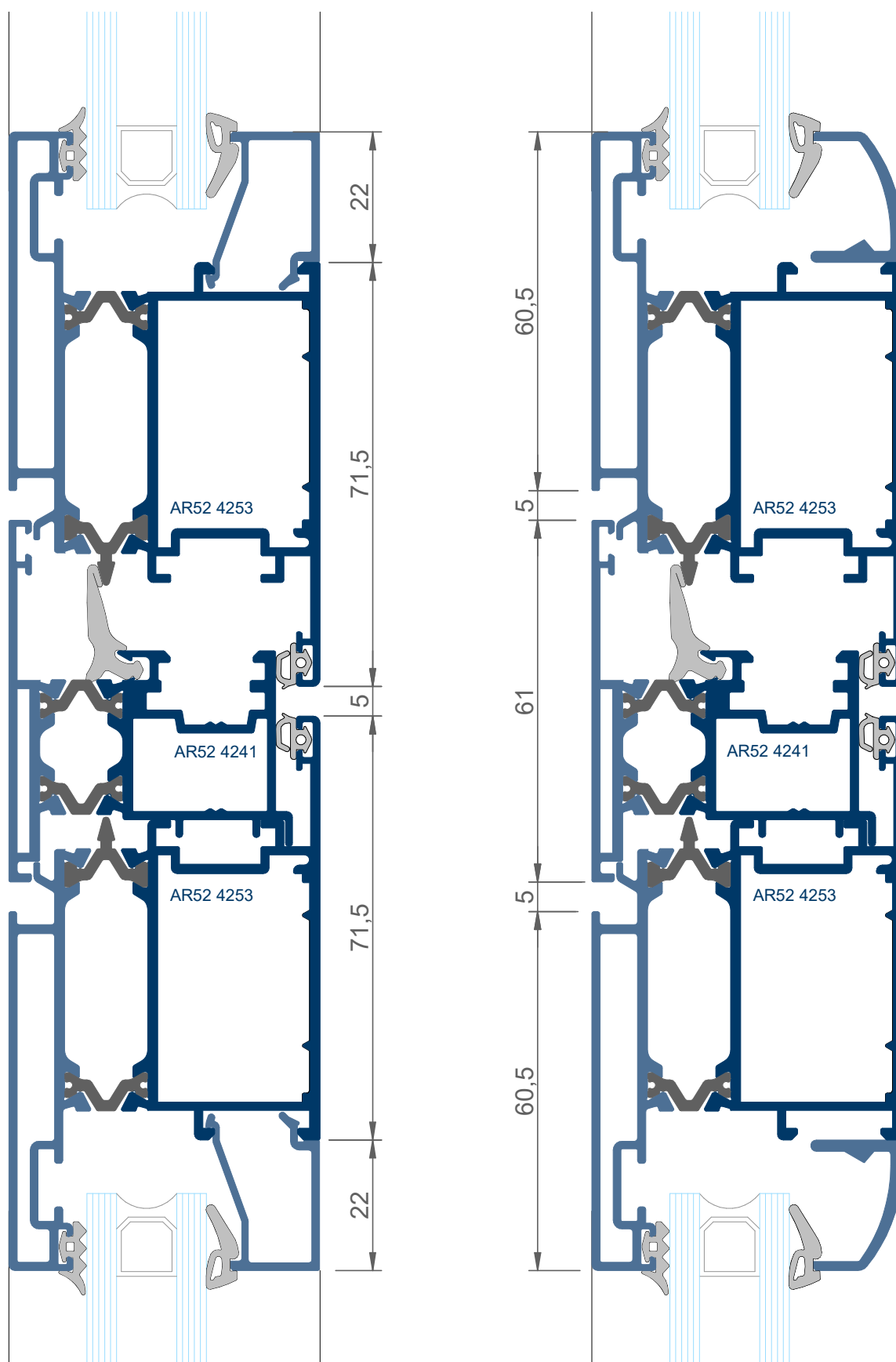




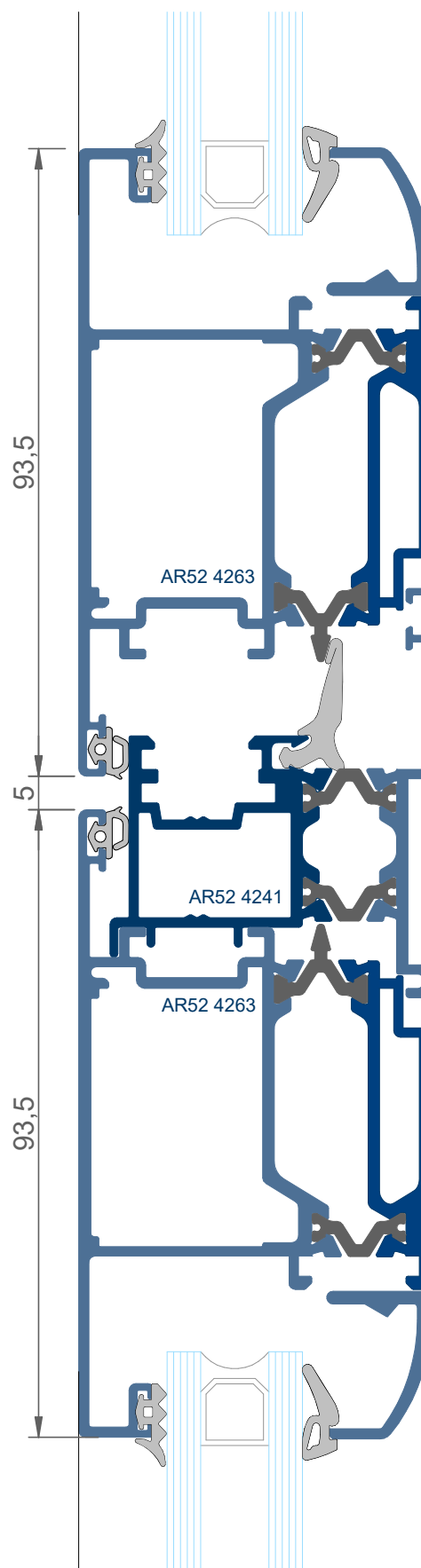
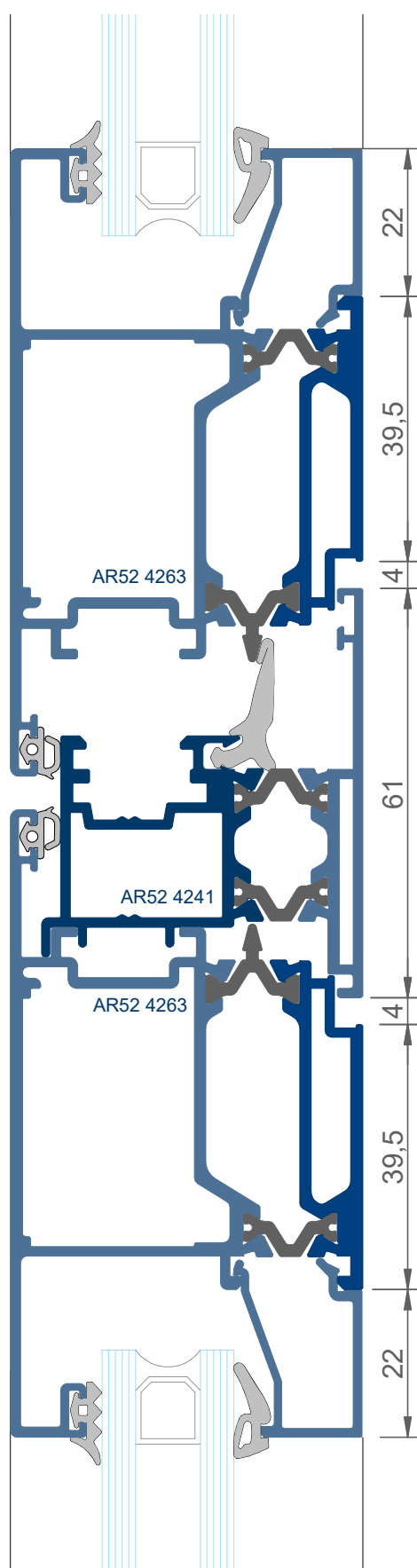
Visualización en horizontal



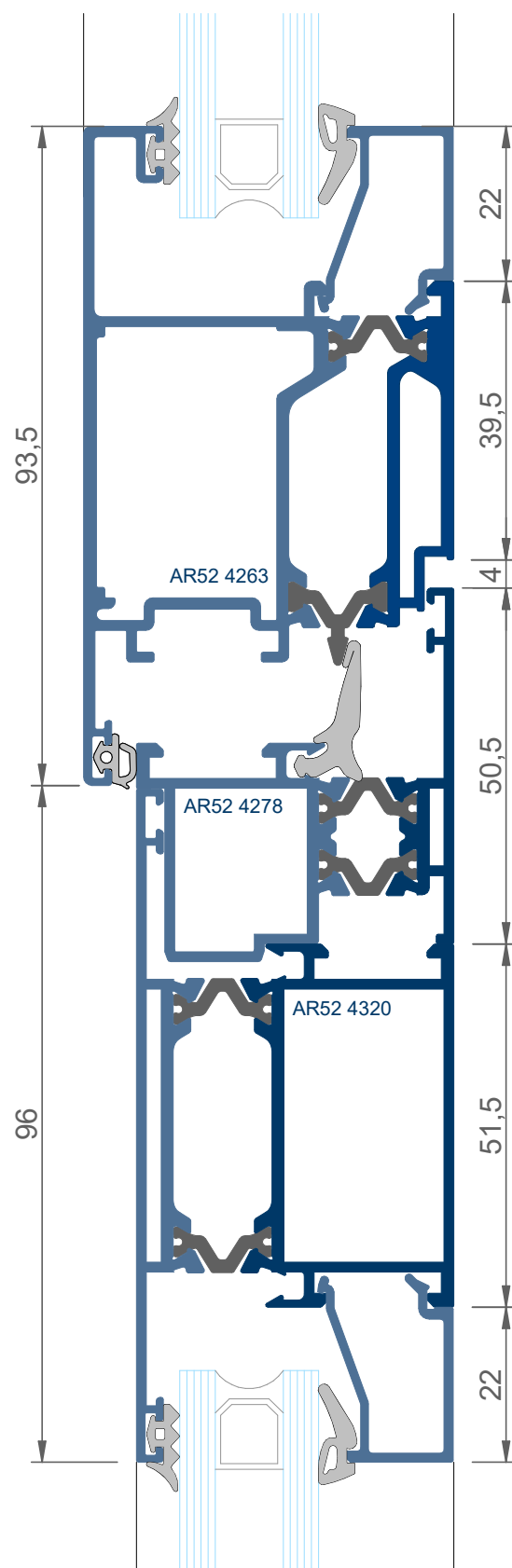
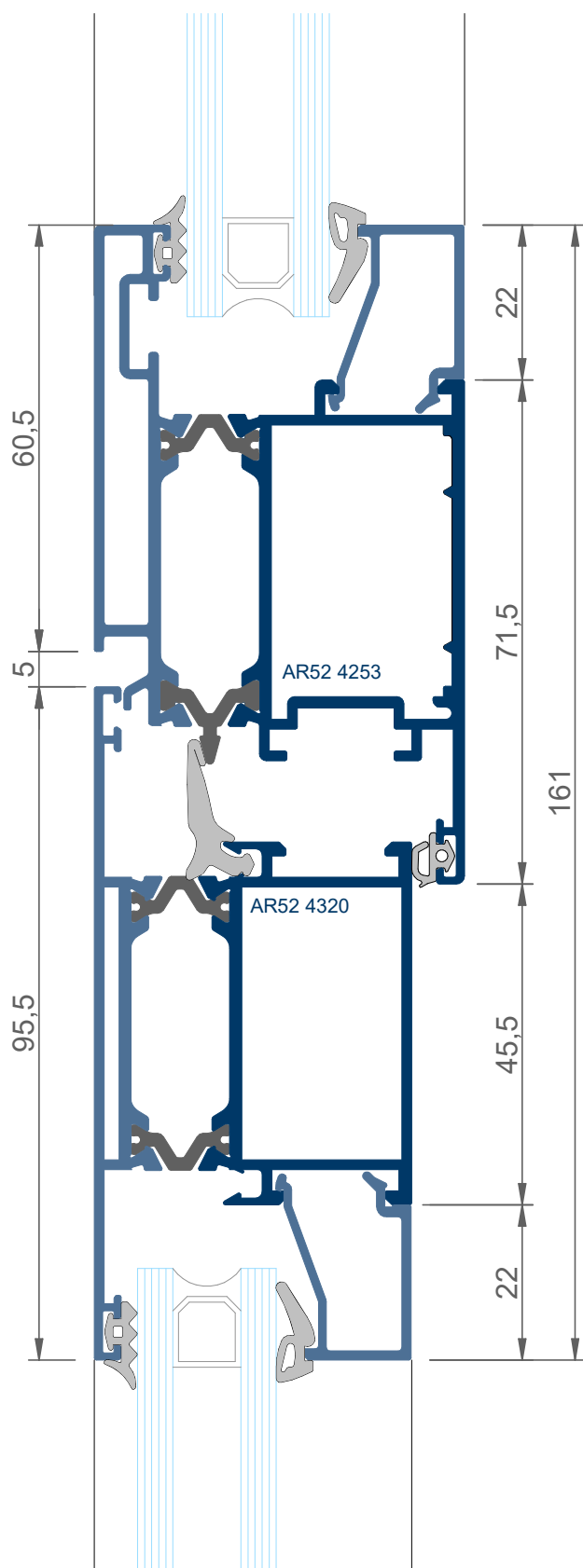




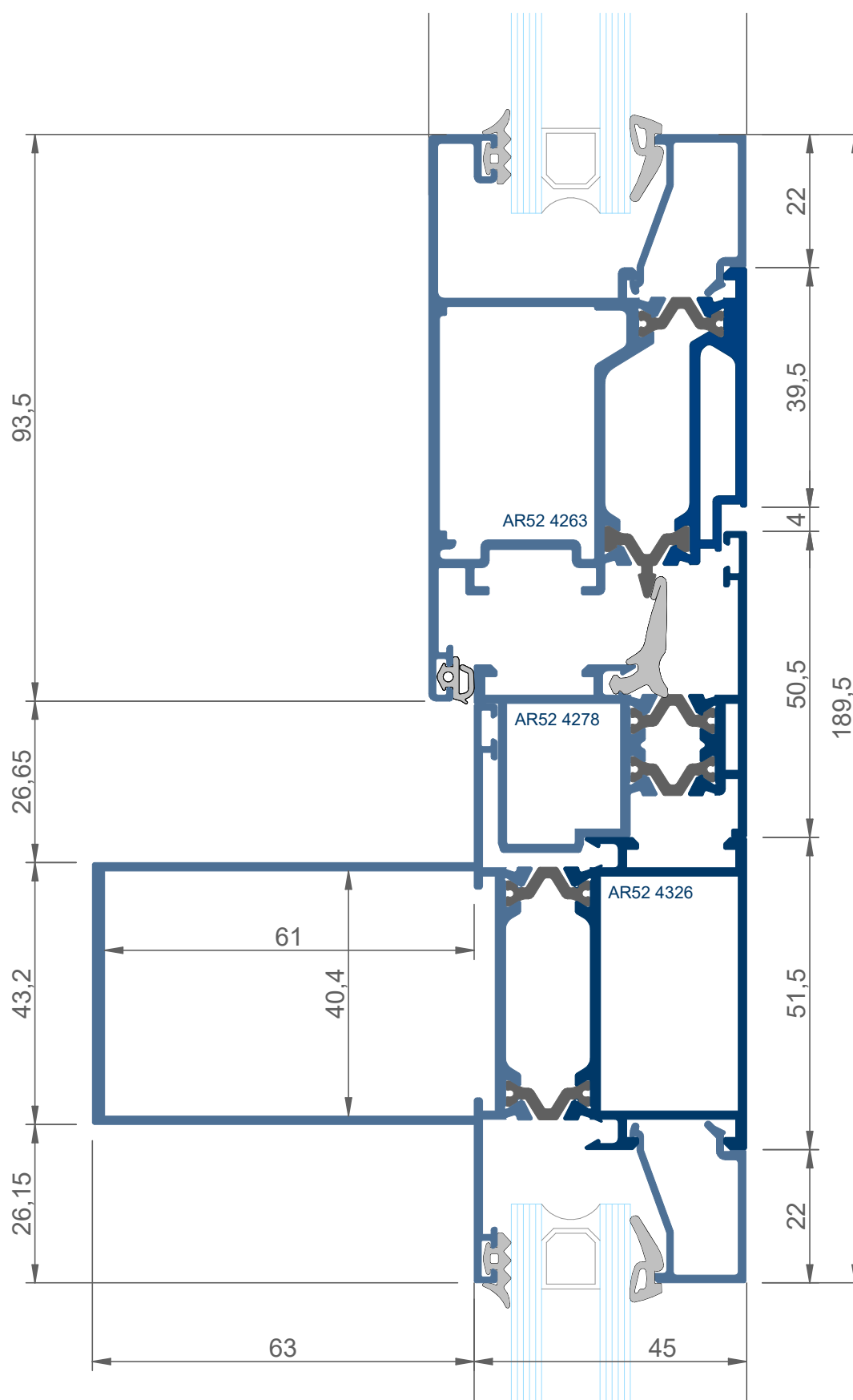
Visualización en horizontal



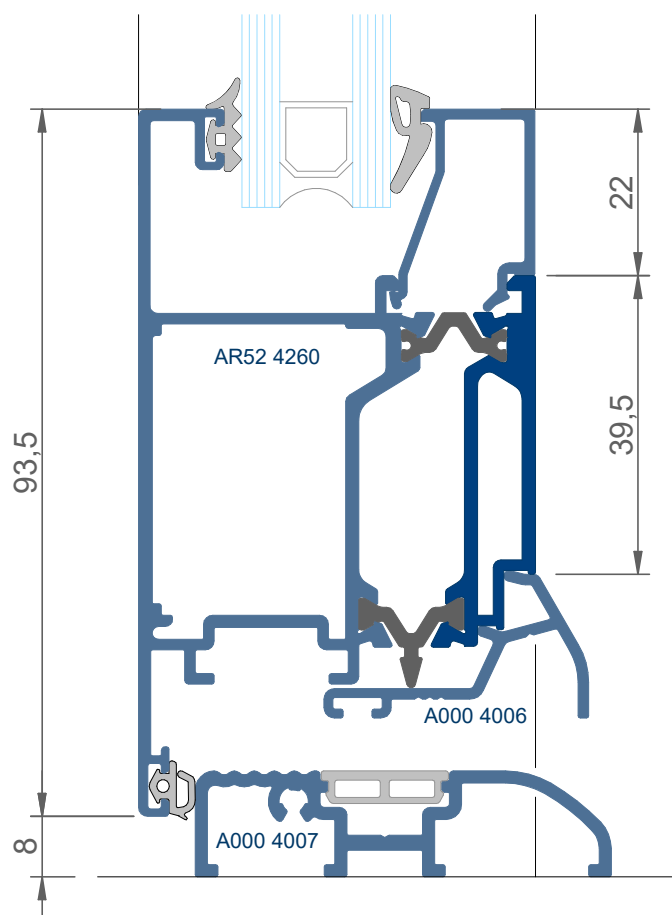
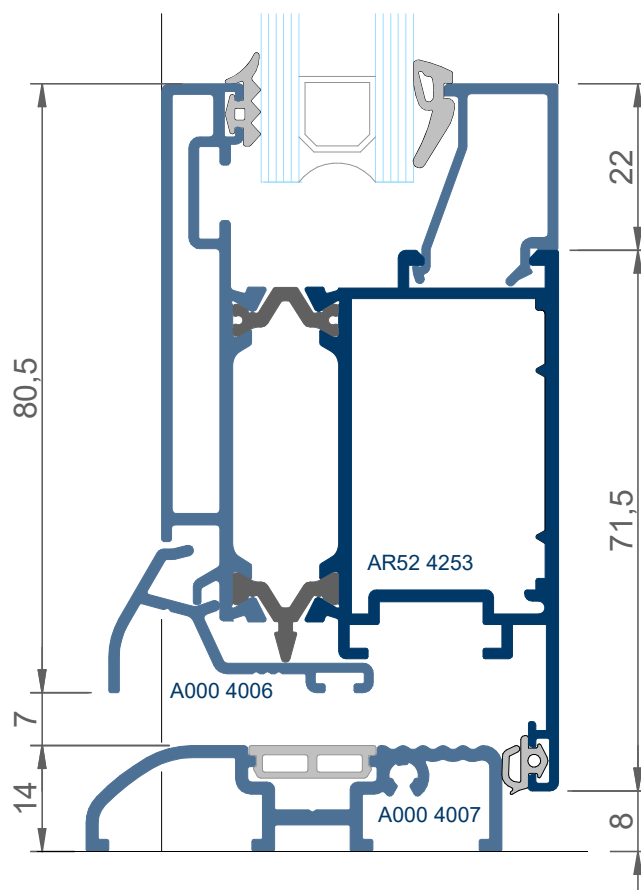
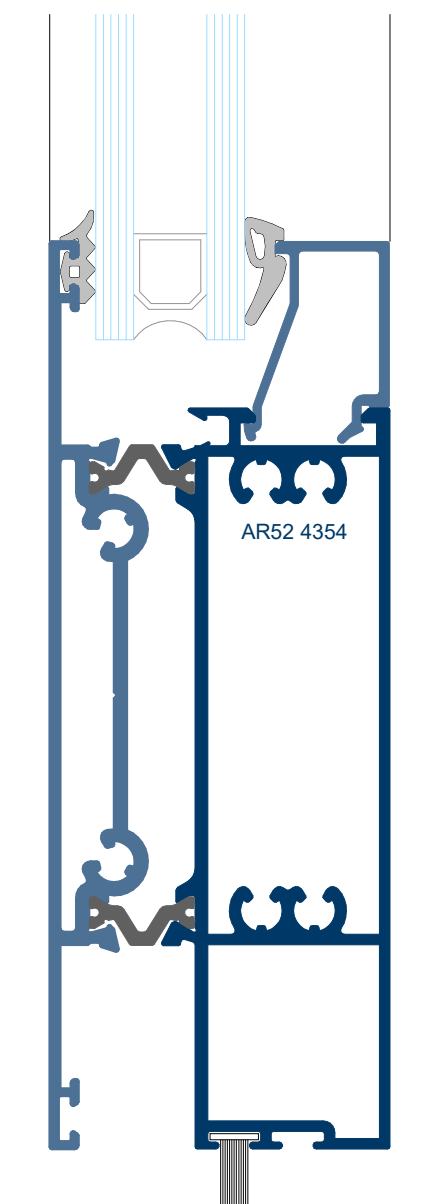
Visualización en horizontal

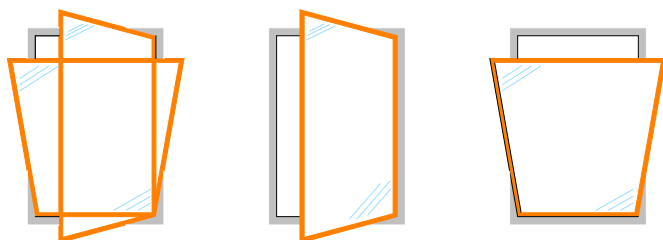


Visualización en horizontal



Visualización en horizontal

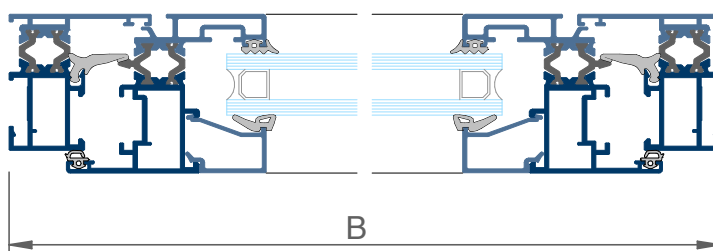
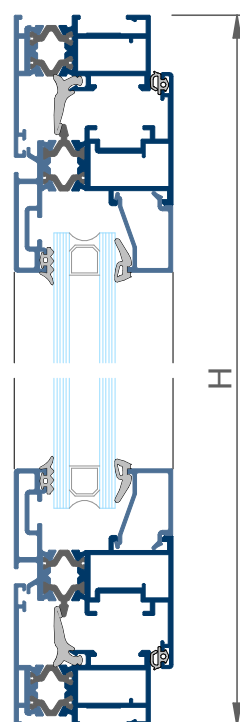


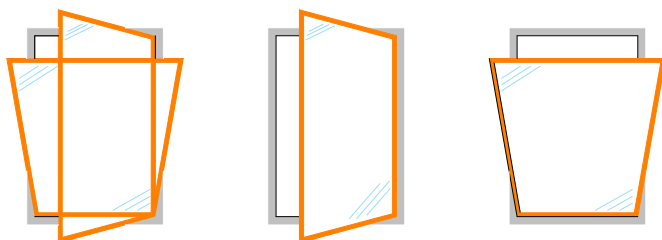


FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR52.4110	2	B	\ --- /
marco vertical	AR52.4110	2	H	\ --- /
hoja horizontal	AR52.4223	2	B-39	\ --- /
hoja vertical	AR52.4223	2	H-39	\ --- /
junquillo recto horizontal	A000.XXXX	2	B-126	---
junquillo eliptico horizontal	A000.XXXX	2	B-126	\ --- /
junquillo recto vertical	A000.XXXX	2	H-170	---
junquillo eliptico vertical	A000.XXXX	2	H-126	\ --- /
vidrio 1 B-146 x H-146				

ACCESORIOS			UDS
escuadra	A000.2110		8
escuadra alineacion int hoja	A000.2132		4
deflector desagüe	A000.2301		2
junta central	A000.2310	2B+2H	
junta int hoja	A000.2320	2B+2H	
junta ext acristalamiento	A000.2351	2B+2H	
junta cuña int	A000.XXXX	2B+2H	

accesorios de maniobra no indicados (ver catalogo de maniobra)

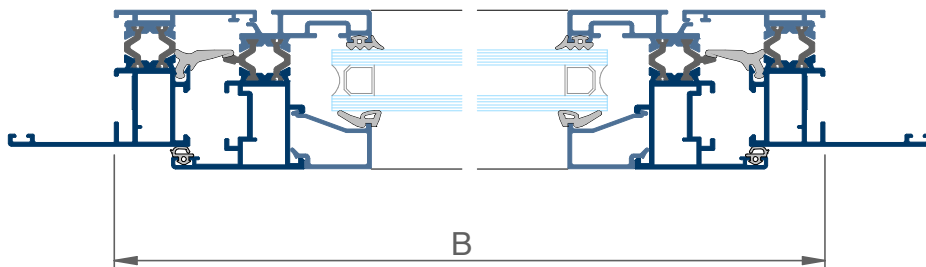
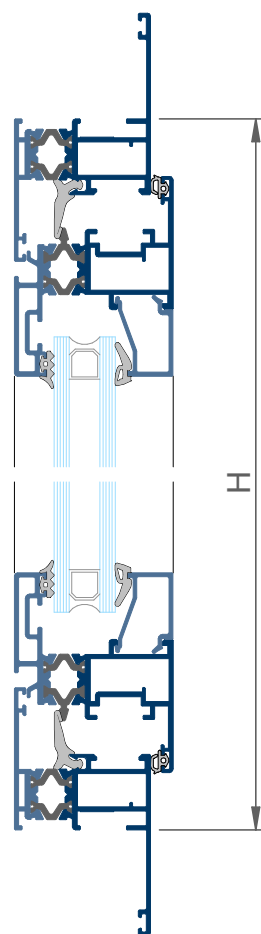


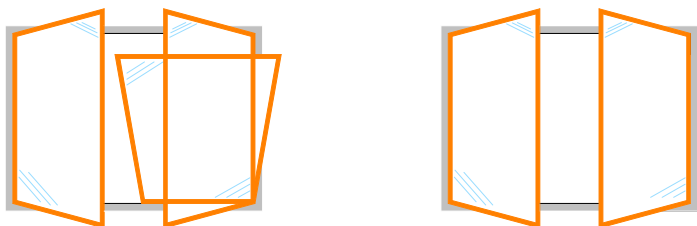


FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR52.4119	2	B+70	\ --- /
marco vertical	AR52.4119	2	H+70	\ --- /
hoja horizontal	AR52.4223	2	B-39	\ --- /
hoja vertical	AR52.4223	2	H-39	\ --- /
junquillo recto horizontal	A000.XXXX	2	B-126	---
junquillo eliptico horizontal	A000.XXXX	2	B-126	\ --- /
junquillo recto vertical	A000.XXXX	2	H-170	---
junquillo eliptico vertical	A000.XXXX	2	H-126	\ --- /
vidrio 1 B-146 x H-146				

ACCESORIOS			UDS
escuadra	A000.2110		8
escuadra alineacion int hoja	A000.2132		4
deflector desagüe	A000.2301		2
junta central	A000.2310	2B+2H	
junta int hoja	A000.2320	2B+2H	
junta ext acristalamiento	A000.2351	2B+2H	
junta cuña int	A000.XXXX	2B+2H	

accesorios de maniobra no indicados (ver catalogo de maniobra)





FORMULAS DE CORTE

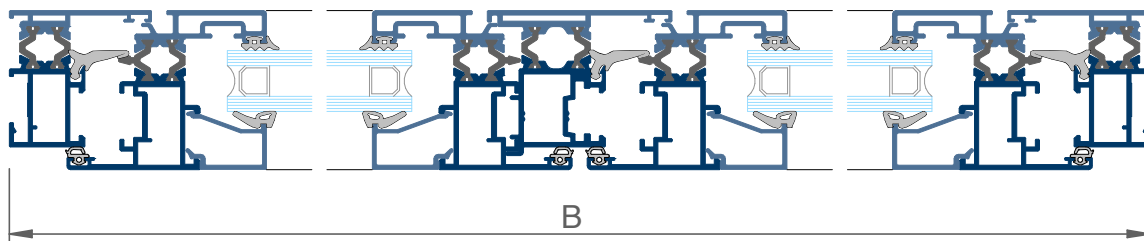
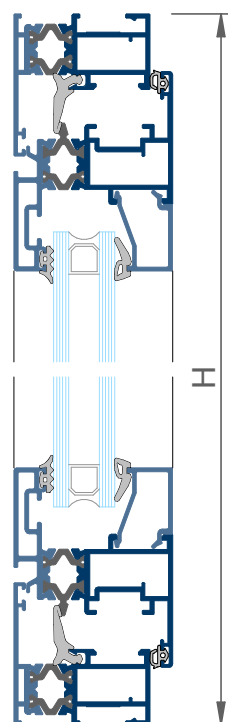
		UDS	FORMULA	FORMA
marco horizontal	AR52.4110	2	B	\ --- /
marco vertical	AR52.4110	2	H	\ --- /
hoja horizontal	AR52.4223	4	(B-44)/2	\ --- /
hoja vertical	AR52.4223	4	H-39	\ --- /
inversor doble hoja	AR52.4241	1	H-107	---
junquillo recto horizontal	A000.XXXX	4	(B-220)/2	---
junquillo eliptico horizontal	A000.XXXX	4	(B-220)/2	\ --- /
junquillo recto vertical	A000.XXXX	4	H-170	---
junquillo eliptico vertical	A000.XXXX	4	H-126	\ --- /

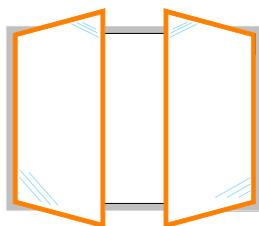
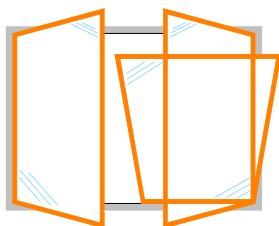
vidrio 2 (B-259)/2 x H-146

ACCESORIOS

		UDS
escuadra	A000.2110	12
escuadra alineacion int hoja	A000.2132	8
deflector desagüe	A000.2301	3
junta central	A000.2310	2B+3H
junta int hoja	A000.2320	2B+3H
junta ext acristalamiento	A000.2351	2B+4H
junta cuña int	A000.XXXX	2B+4H
juego tapas estanq central	A000.2340	1
juego tapas estética central	A000.2342	1

accesorios de maniobra no indicados (ver catalogo de maniobra)





FORMULAS DE CORTE

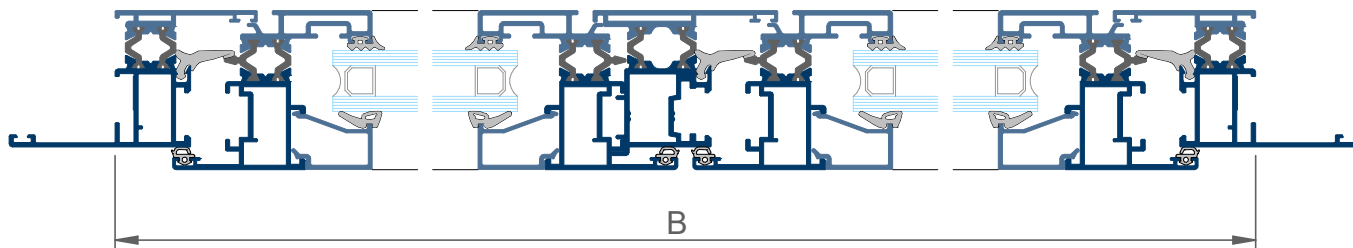
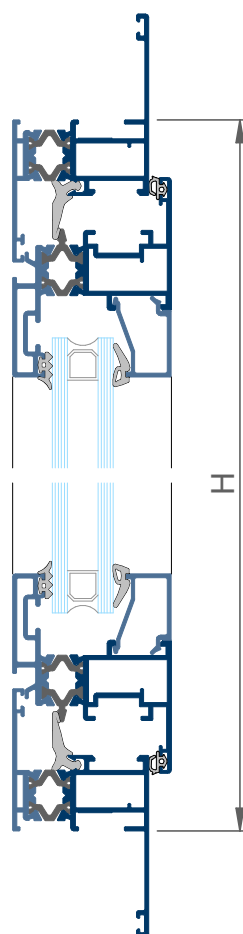
	UDS	FORMULA	FORMA
marco horizontal	AR52.4119	2	$B + 70$ \ --- /
marco vertical	AR52.4119	2	$H + 70$ \ --- /
hoja horizontal	AR52.4223	4	$(B-44)/2$ \ --- /
hoja vertical	AR52.4223	4	$H-39$ \ --- /
inversor doble hoja	AR52.4241	1	$H-107$ ---
junquillo recto horizontal	A000.XXXX	4	$(B-220)/2$ ---
junquillo eliptico horizontal	A000.XXXX	4	$(B-220)/2$ \ --- /
junquillo recto vertical	A000.XXXX	4	$H-170$ ---
junquillo eliptico vertical	A000.XXXX	4	$H-126$ \ --- /

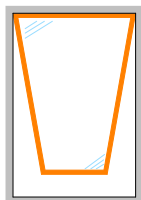
vidrio 2 $(B-259)/2 \times H-146$

ACCESORIOS

	UDS
escuadra	A000.2110 12
escuadra alineacion int hoja	A000.2132 8
deflector desagüe	A000.2301 3
junta central	A000.2310 $2B+3H$
junta int hoja	A000.2320 $2B+3H$
junta ext acristalamiento	A000.2351 $2B+4H$
junta cuña int	A000.XXXX $2B+4H$
juego tapas estanq central	A000.2340 1
juego tapas estética central	A000.2342 1

accesorios de maniobra no indicados (ver catalogo de maniobra)





FORMULAS DE CORTE

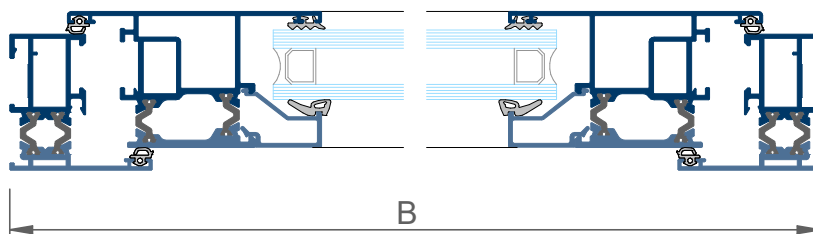
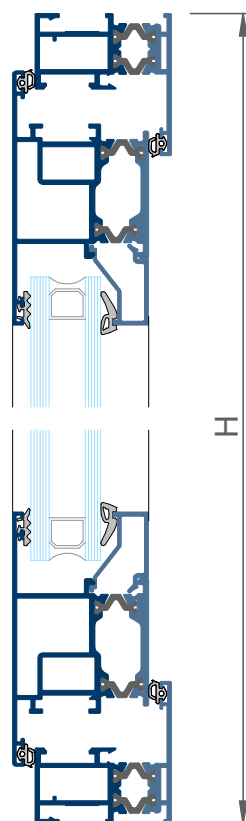
	UDS	FORMULA	FORMA
marco horizontal AR52.4110	2	B	\ --- /
marco vertical AR52.4110	2	H	\ --- /
hoja horizontal AR52.4270	2	B-39	\ --- /
hoja vertical AR52.4270	2	H-39	\ --- /
junquillo recto horizontal A000.XXXX	2	B-162	---
junquillo eliptico horizontal A000.XXXX	2	B-162	\ --- /
junquillo recto vertical A000.XXXX	2	H-206	---
junquillo eliptico vertical A000.XXXX	2	H-162	\ --- /

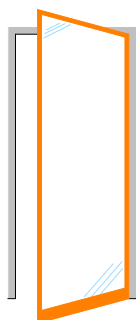
vidrio 1 B-176 x H-176

ACCESORIOS

	UDS
escuadra marco A000.2110	4
escuadra hoja A000.2110	4
escuadra alineacion int hoja A000.2132	4
junta int hoja A000.2320	2B+2H
junta ext acristalamiento A000.2351	2B+2H
junta cuña int A000.XXXX	2B+2H

accesorios de maniobra no indicados (ver catalogo de maniobra)

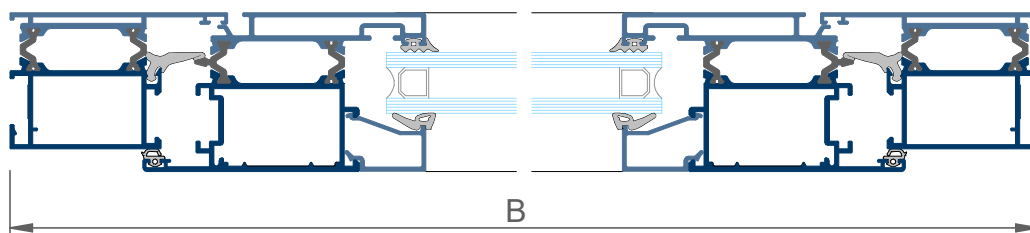
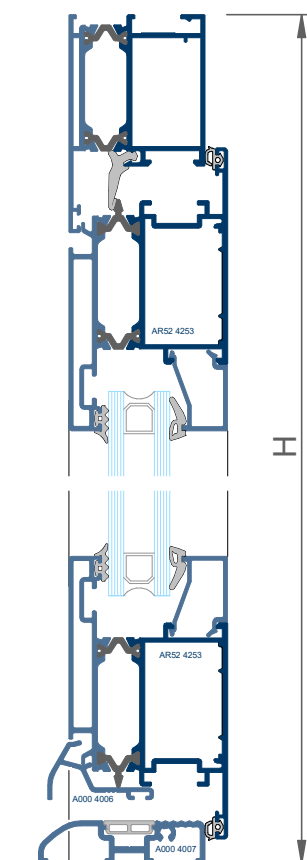


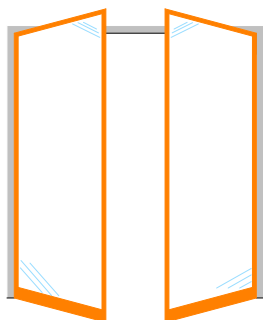


FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR52.4150	1	B	\ --- /
marco vertical	AR52.4150	2	H	--- / \ ---
hoja horizontal	AR52.4253	2	B-88	\ --- /
hoja vertical	AR52.4253	2	H-52	\ --- / \ --- /
perfil hoja bajo puerta	A000.4006	1	B-123	---
perfil umbral bajo puerta	A000.4007	1	B-91	---
junquillo recto horizontal	A000.XXXX	2	B-231	---
junquillo eliptico horizontal	A000.XXXX	2	B-231	\ --- /
junquillo recto vertical	A000.XXXX	2	H-239	---
junquillo eliptico vertical	A000.XXXX	2	H-195	\ --- /
vidrio 1 B-249 x H-213				

ACCESORIOS			UDS
escuadra marco	A000.2113		2
escuadra hoja	A000.2114		4
escuadra alineacion int hoja	A000.2132		4
junta central	A000.2310		1B+2H
junta int hoja	A000.2320		2B+2H
junta ext acristalamiento	A000.2351		2B+2H
junta cuña int	A000.XXXX		2B+2H
junta bajo puerta	CF31.2352		1B

accesorios de maniobra no indicados (ver catalogo de maniobra)





FORMULAS DE CORTE

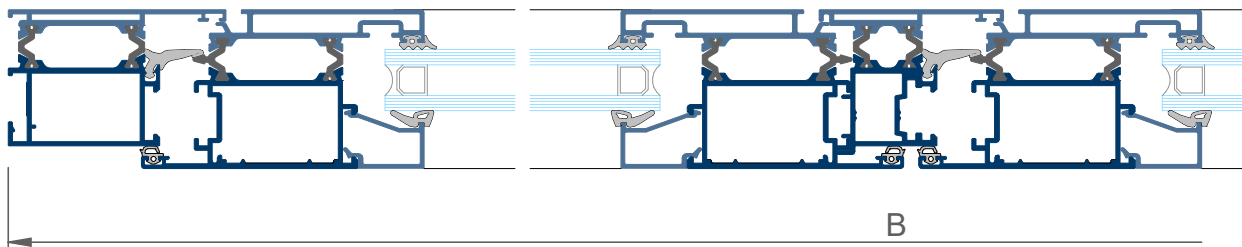
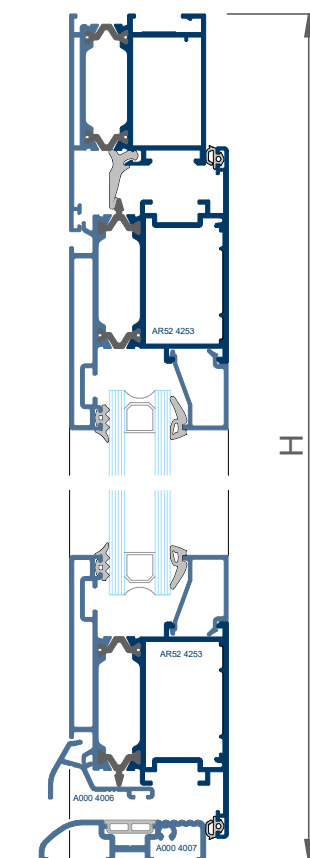
	UDS	FORMULA	FORMA
marco horizontal AR52.4150	1	B	\ --- /
marco vertical AR52.4150	2	H	--- / \ ---
hoja horizontal AR52.4253	4	(B-93)/2	\ --- /
hoja vertical AR52.4253	4	H-52	\ --- /
inversor doble hoja AR52.4241	1	H-120	---
perfil hoja bajo puerta A000.4006	1	(B-163)/2	---
perfil hoja bajo puerta A000.4006	1	(B-92)/2	---
perfil umbral bajo puerta A000.4007	1	B-91	---
junquillo recto horizontal A000.XXXX	4	(B-379)/2	---
junquillo elíptico horizontal A000.XXXX	4	(B-379)/2	\ --- /
junquillo recto vertical A000.XXXX	4	H-239	---
junquillo elíptico vertical A000.XXXX	4	H-195	\ --- /

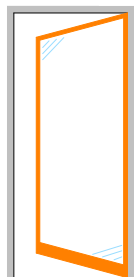
vidrio 2 (B-415)/2 x H-213

ACCESORIOS

	UDS
escuadra marco A000.2113	2
escuadra hoja A000.2114	8
escuadra alineacion int hoja A000.2132	8
juego tapas estanquidad central A000.2340	1
juego tapas estética central A000.2342	1
junta central A000.2310	1B+3H
junta int hoja A000.2320	2B+4H
junta ext acristalamiento A000.2351	2B+4H
junta cuña int A000.XXXX	2B+4H
junta bajo puerta CF31.2352	1B

accesorios de maniobra no indicados (ver catalogo de maniobra)





FORMULAS DE CORTE

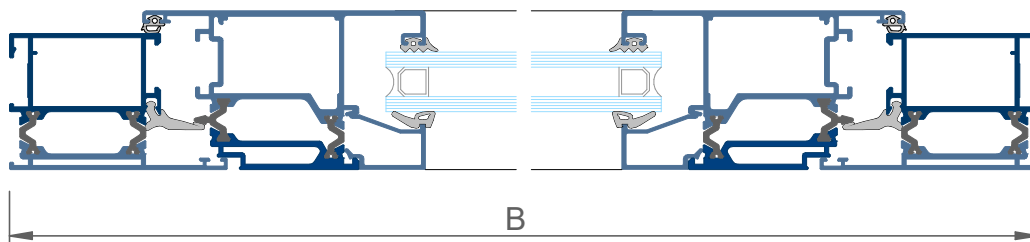
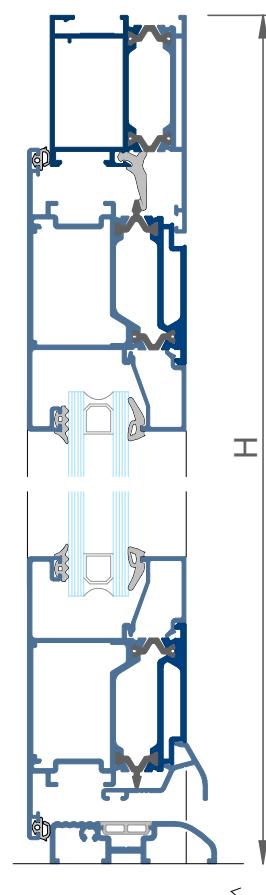
	UDS	FORMULA	FORMA
marco horizontal AR52.4150	1	B	\ --- /
marco vertical AR52.4150	2	H	--- / \ ---
hoja horizontal AR52.4263	2	B-88	\ --- /
hoja vertical AR52.4263	2	H-52	\ --- /
perfil hoja bajo puerta A000.4006	1	B-123	---
perfil umbral bajo puerta A000.4007	1	B-91	---
junquillo recto horizontal A000.XXXX	2	B-231	---
junquillo elíptico horizontal A000.XXXX	2	B-231	\ --- /
junquillo recto vertical A000.XXXX	2	H-239	---
junquillo elíptico vertical A000.XXXX	2	H-195	\ --- /

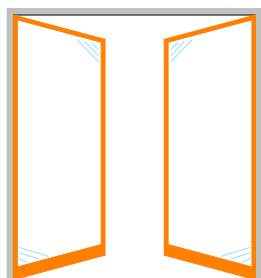
vidrio 1 B-249 x H-213

ACCESORIOS

	UDS
escuadra marco A000.2113	2
escuadra hoja A000.2114	4
escuadra alineacion int hoja A000.2132	4
junta central A000.2310	1B+2H
junta int hoja A000.2320	2B+2H
junta ext acristalamiento A000.2351	2B+2H
junta cuña int A000.XXXX	2B+2H
junta bajo puerta CF31.2352	1B

accesorios de maniobra no indicados (ver catalogo de maniobra)





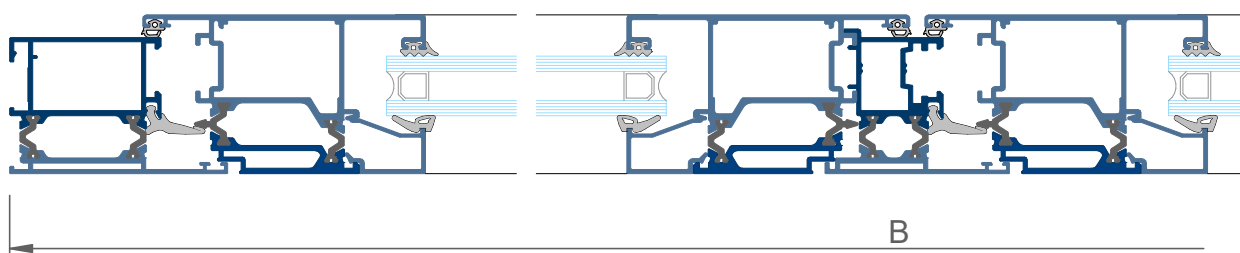
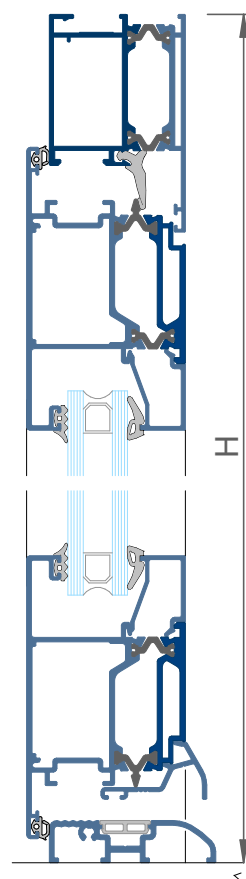
FORMULAS DE CORTE

	UDS	FORMULA	FORMA
marco horizontal AR52.4150	1	B	\ --- /
marco vertical AR52.4150	2	H	--- / \ ---
hoja horizontal AR52.4263	4	(B-93)/2	\ --- /
hoja vertical AR52.4263	4	H-52	\ --- /
inversor doble hoja AR52.4241	1	H-61,5	---
perfil hoja bajo puerta A000.4006	1	B-122	---
perfil umbral bajo puerta A000.4007	1	B-90	---
junquillo recto horizontal A000.XXXX	4	(B-379)/2	---
junquillo elíptico horizontal A000.XXXX	4	(B-379)/2	\ --- /
junquillo recto vertical A000.XXXX	4	H-239	---
junquillo elíptico vertical A000.XXXX	4	H-195	\ --- /
vidrio 2 (B-415)/2 x H-215			

ACCESORIOS

	UDS
escuadra marco A000.2113	2
escuadra hoja A000.2114	8
escuadra alineacion int hoja A000.2132	8
juego tapas estanquidad central A000.2340	1
juego tapas estética central A000.2342	1
junta central A000.2310	1B+3H
junta int hoja A000.2320	2B+4H
junta ext acristalamiento A000.2351	2B+4H
junta cuña int A000.XXXX	2B+4H
junta bajo puerta CF31.2352	1B

accesorios de maniobra no indicados (ver catalogo de maniobra)



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