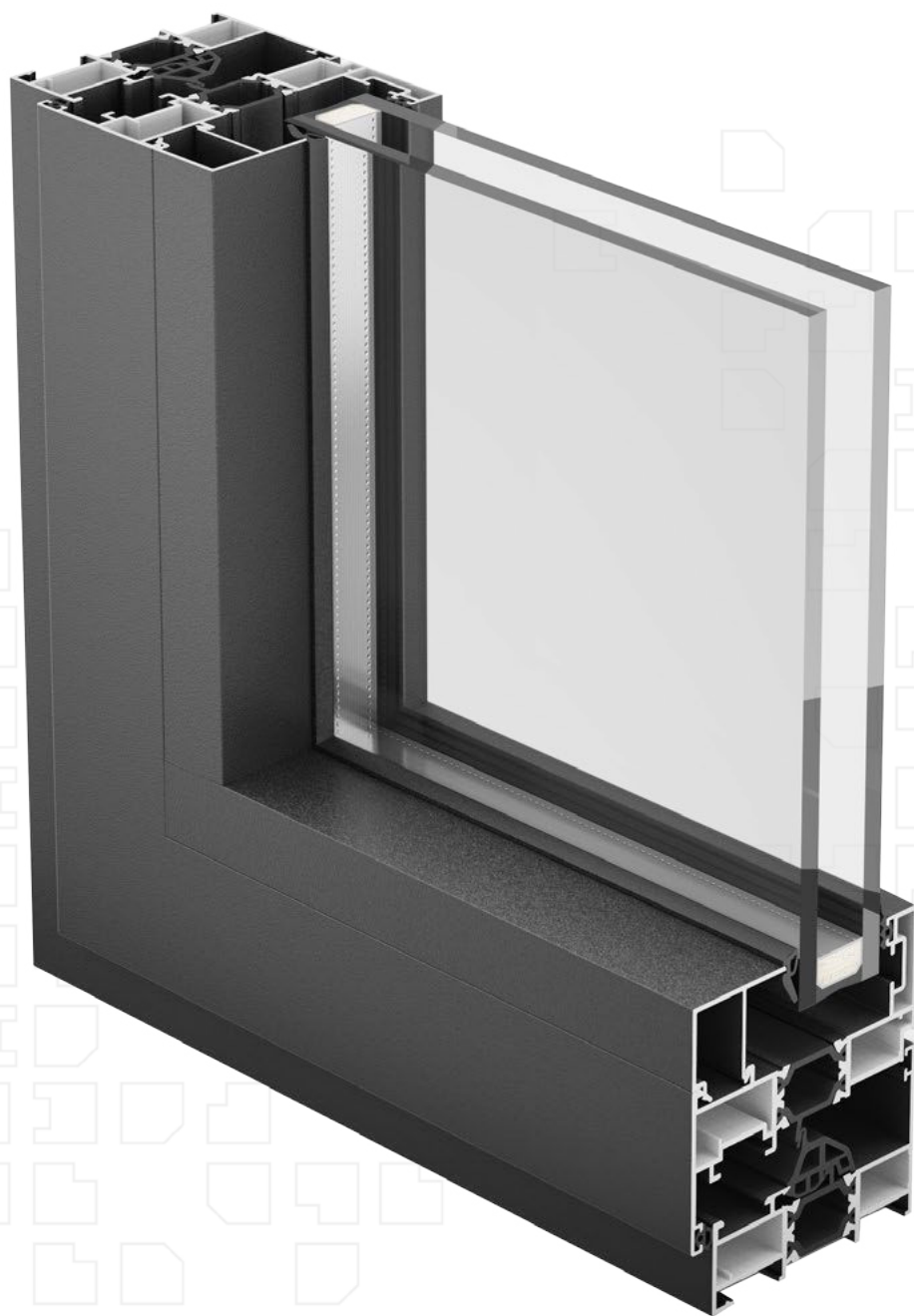
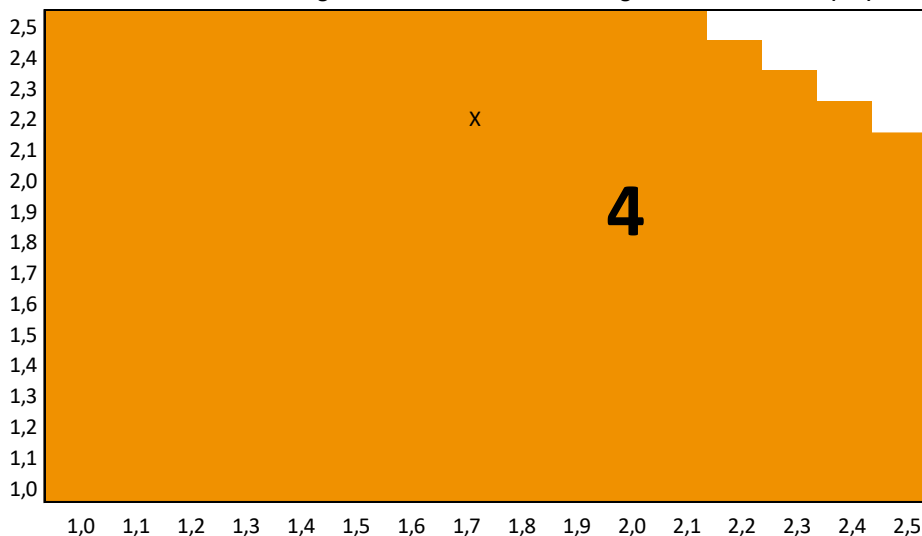




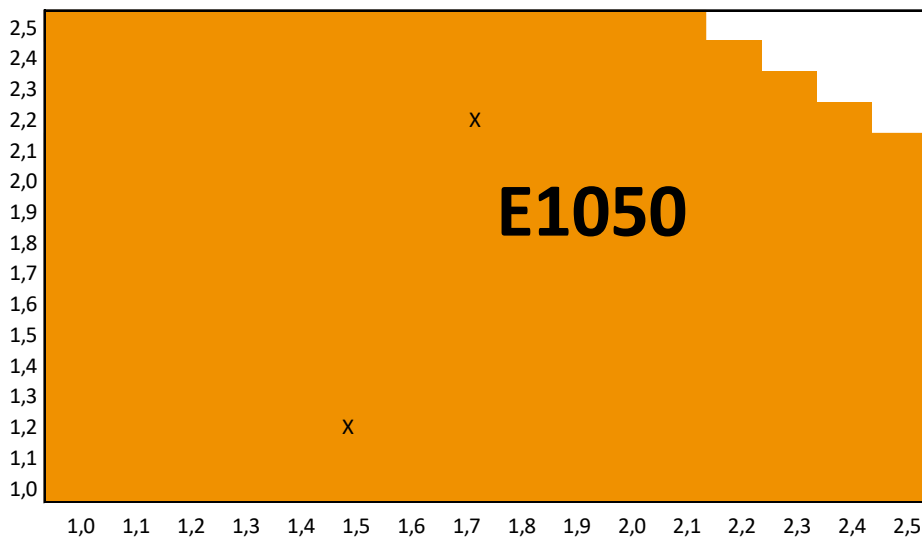
THERMIA® AR78+
La solución para los más exigentes.

Ventanas para vivir mejor

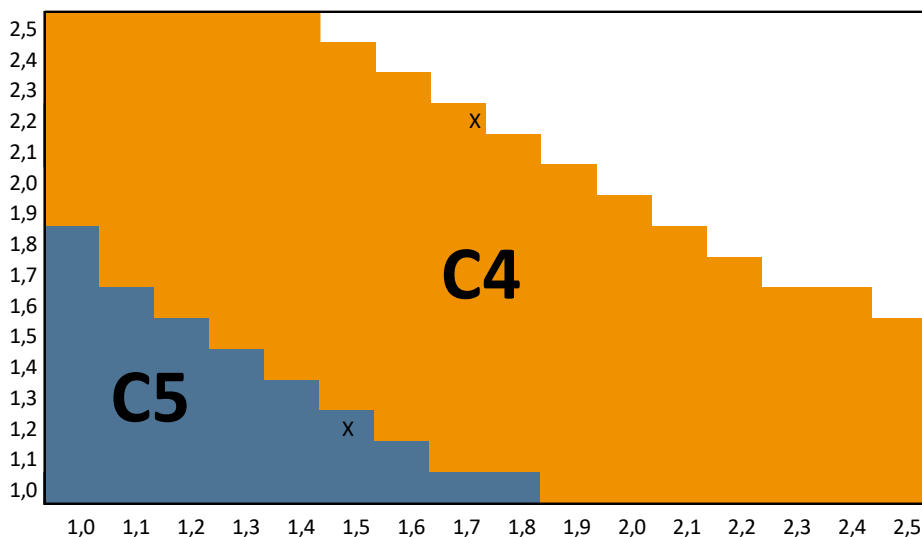
PERMEABILIDAD AL AIRE según EN 12207 - Marcado CE según EN 14351-1:2006 (E.1)



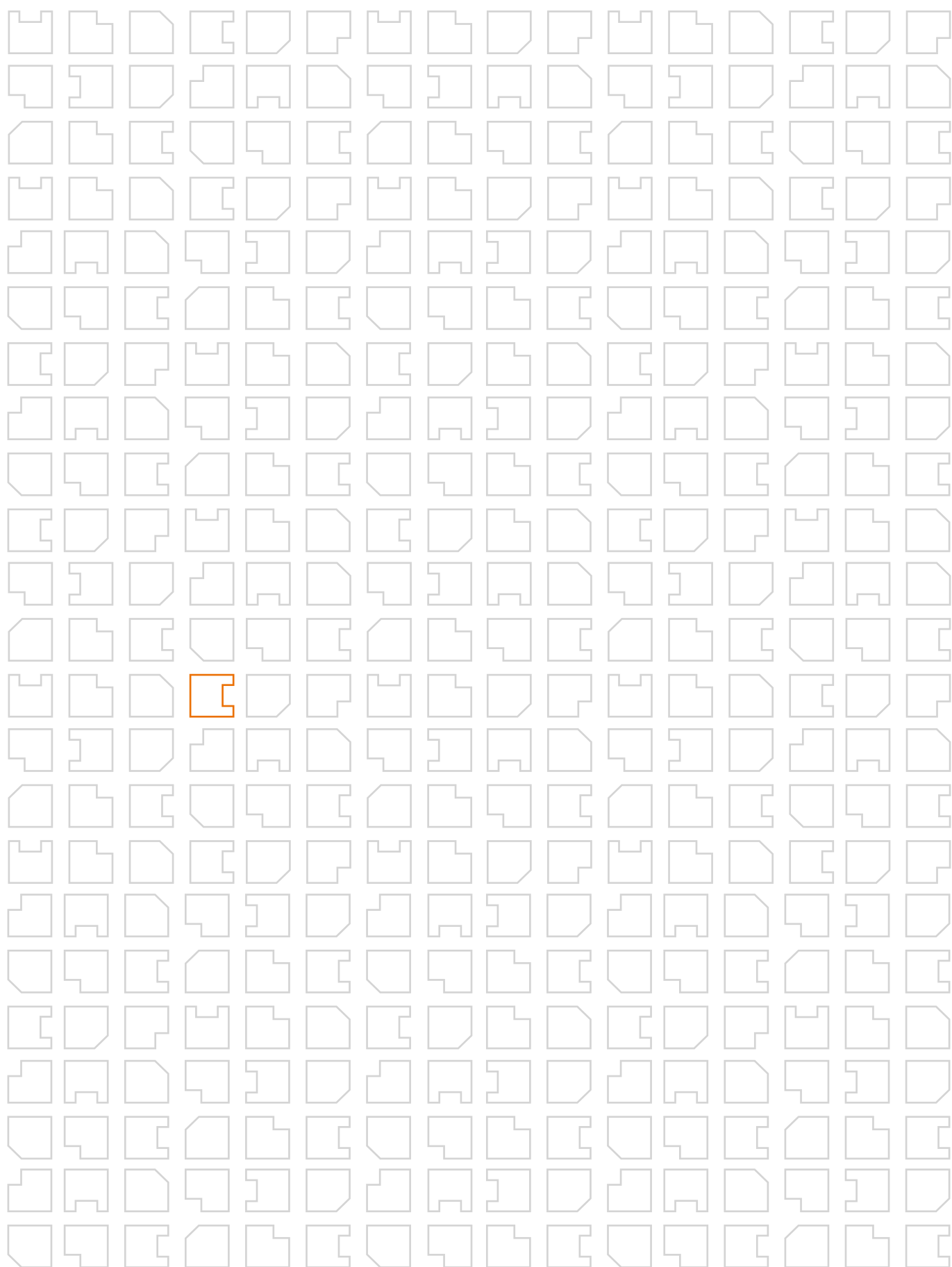
ESTANQUIDAD AL AGUA según EN 12208 - Marcado CE según EN 14351-1:2006 (E.1)

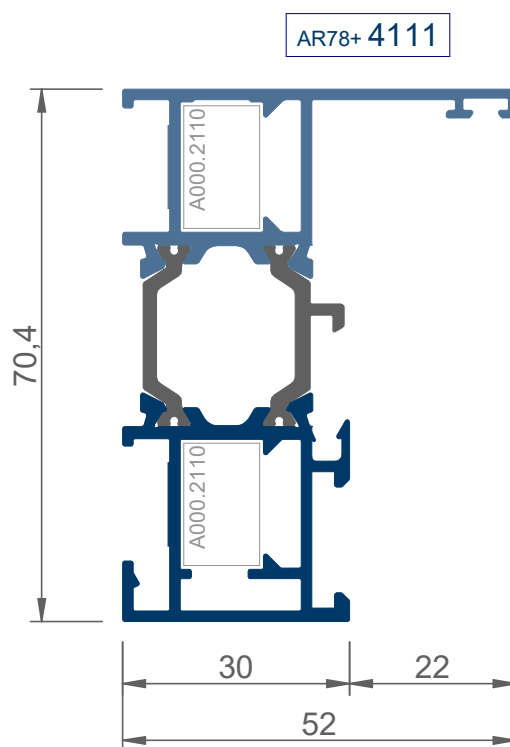
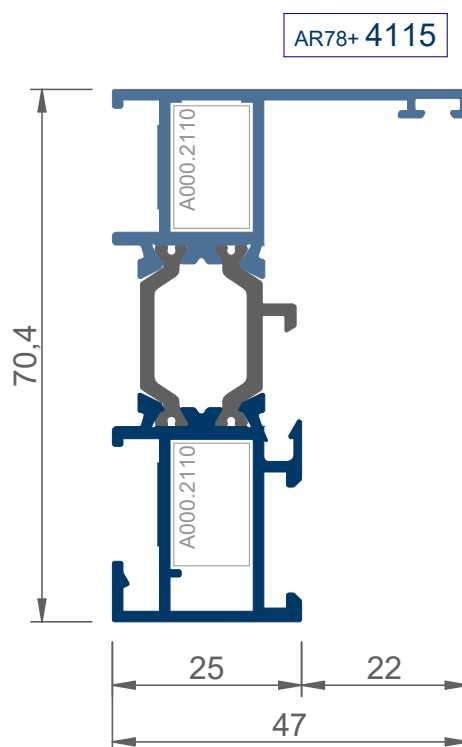


RESISTENCIA AL VIENTO según EN 12210 - Marcado CE según EN 14351-1:2006 (E.1)

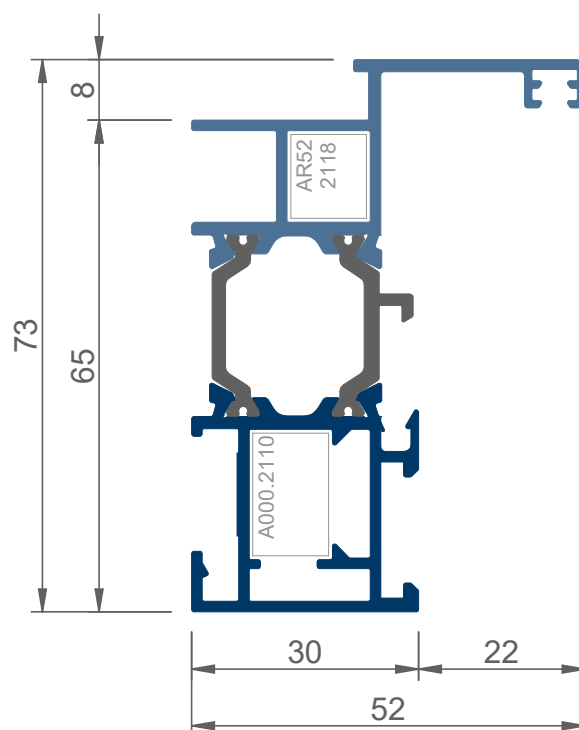


Resultados obtenidos de los
informes según ensayos
realizados en Applus, y en
base al Anexo E
de la norma EN 14351-1:2006.

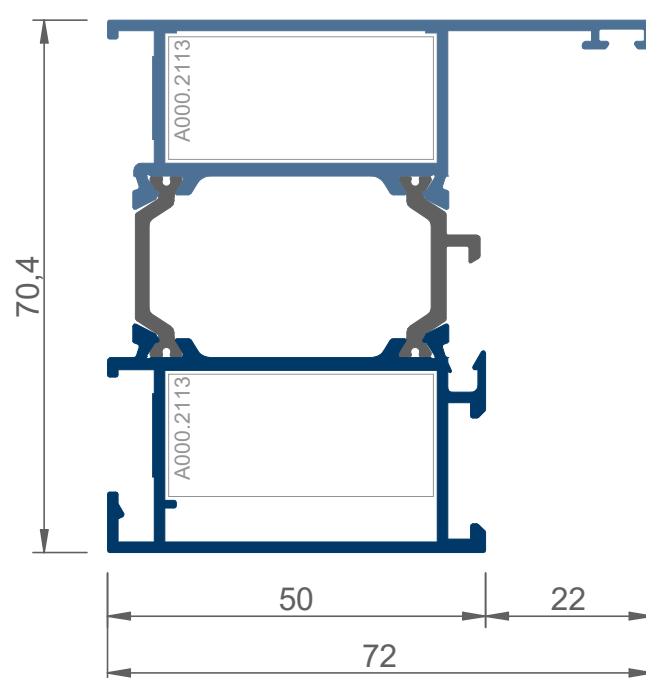


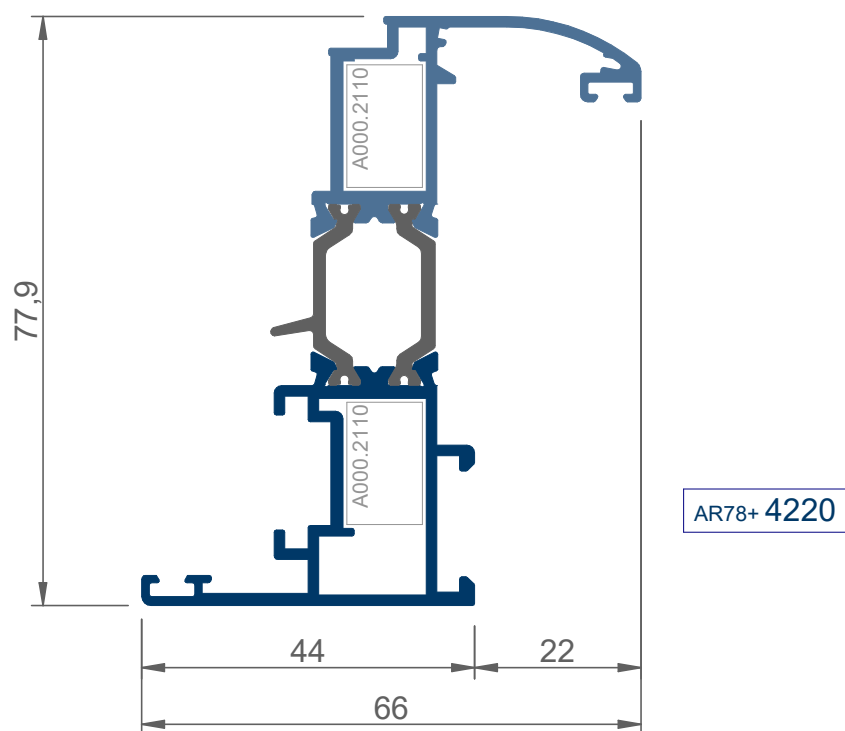
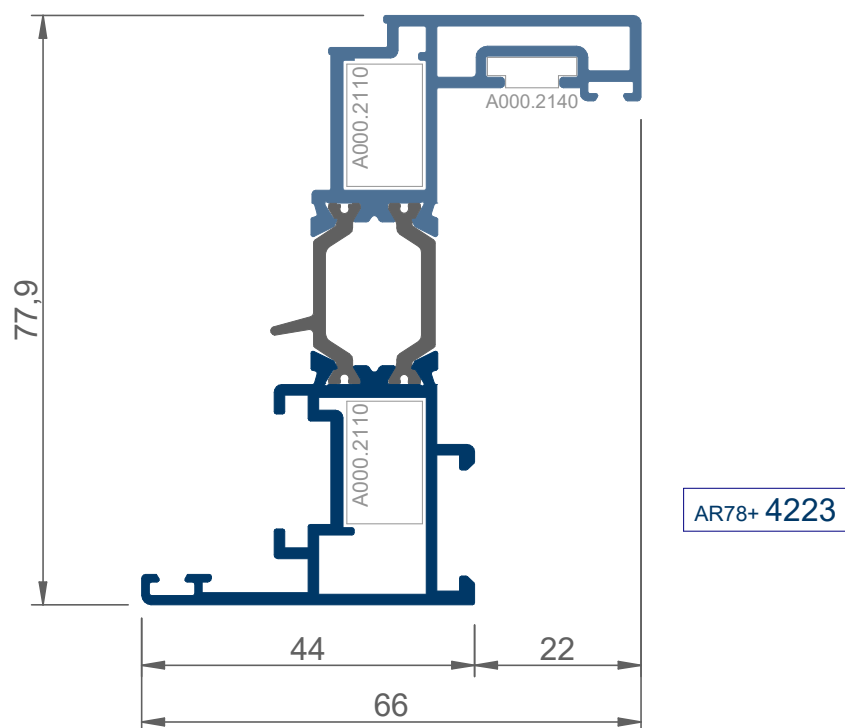


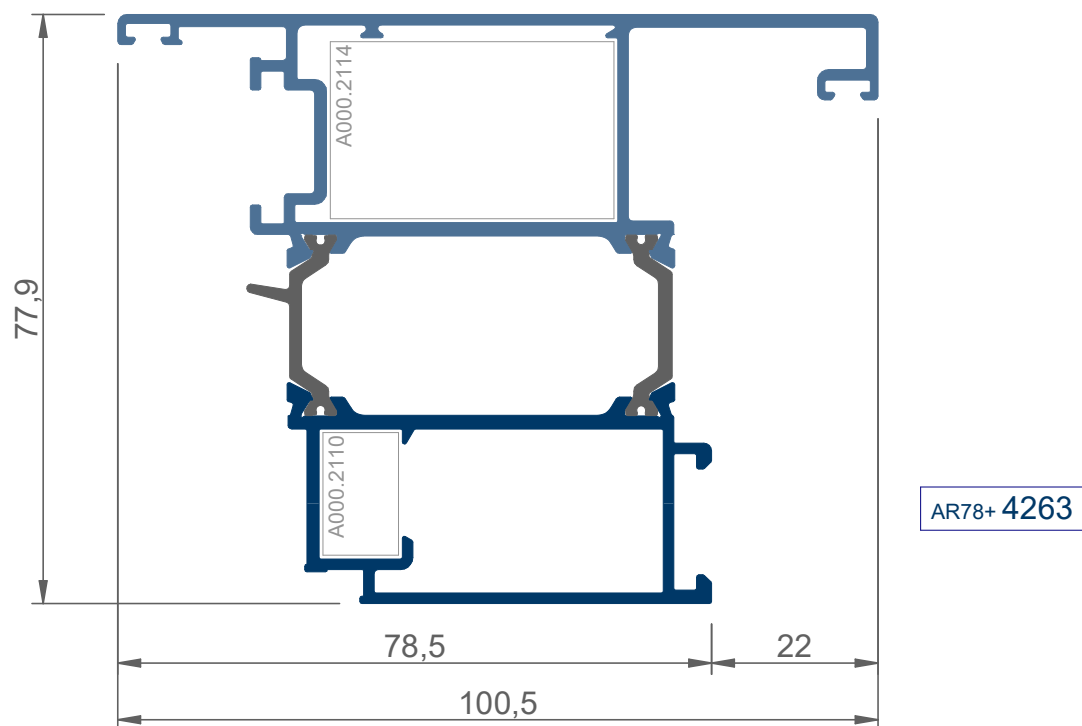
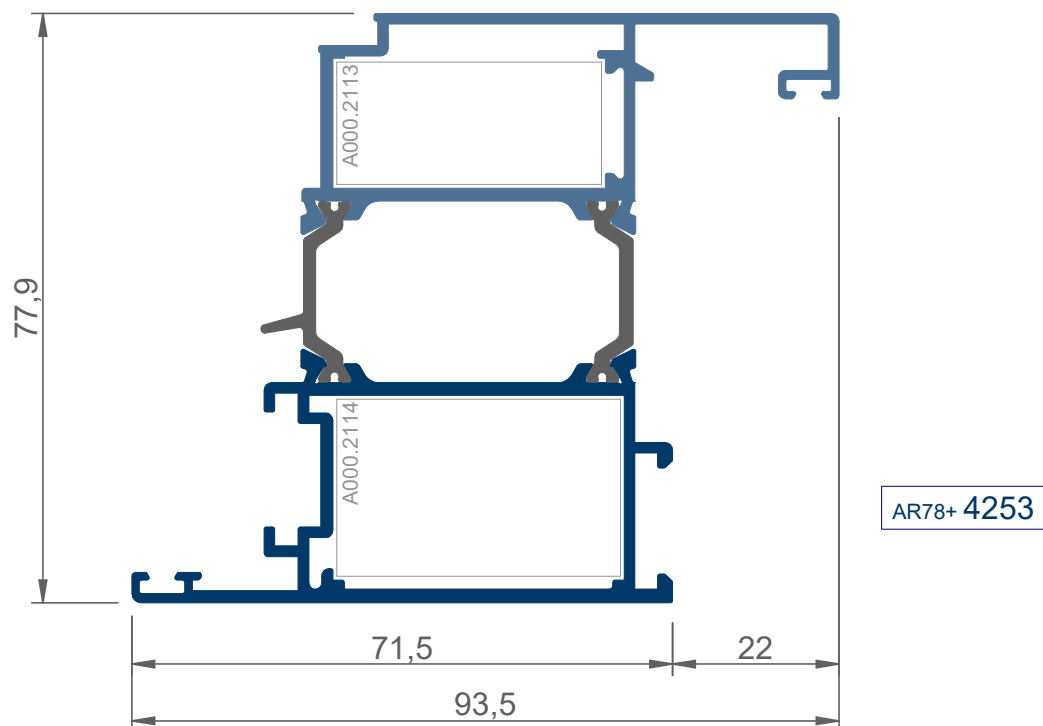
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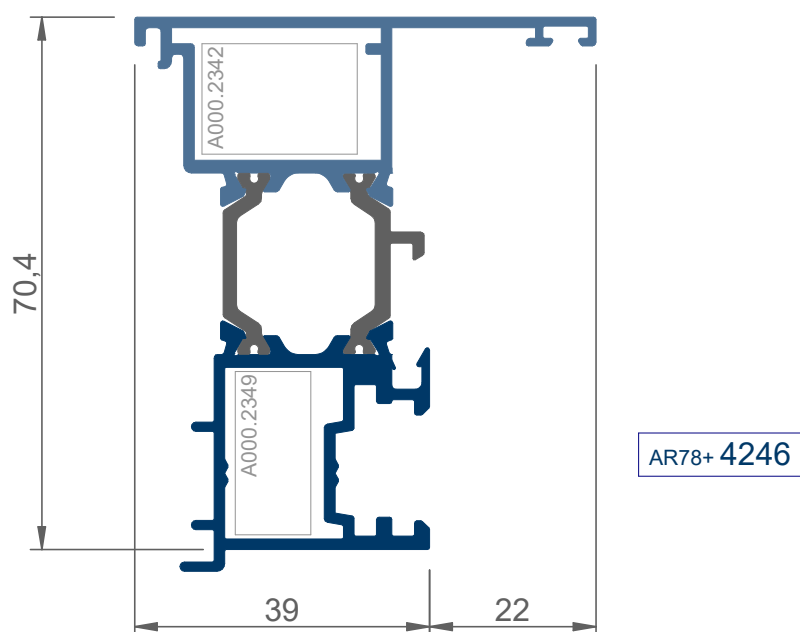
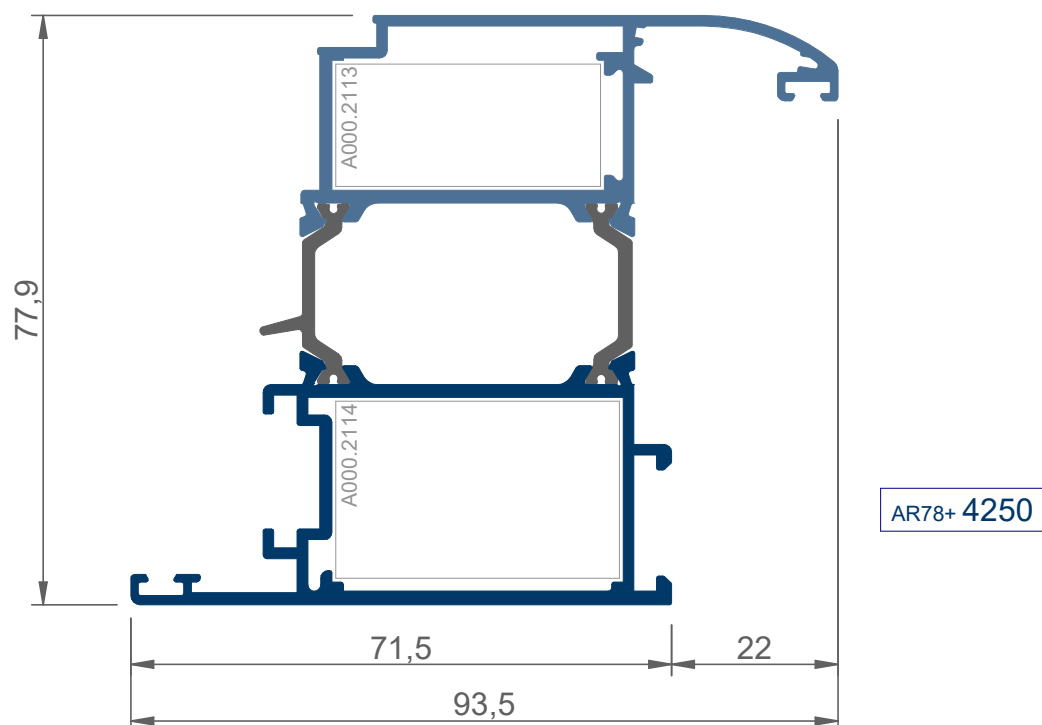


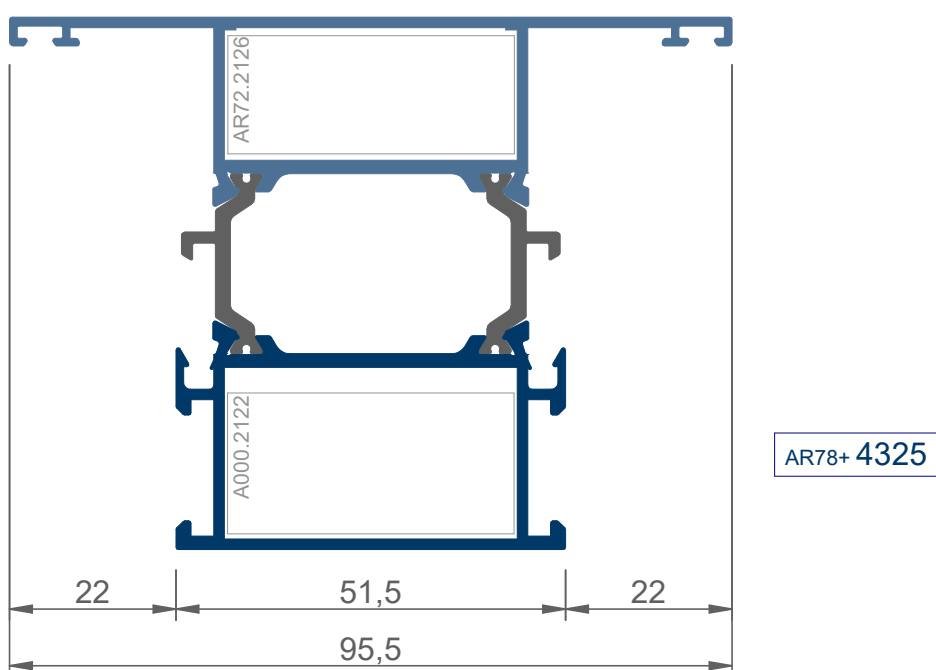
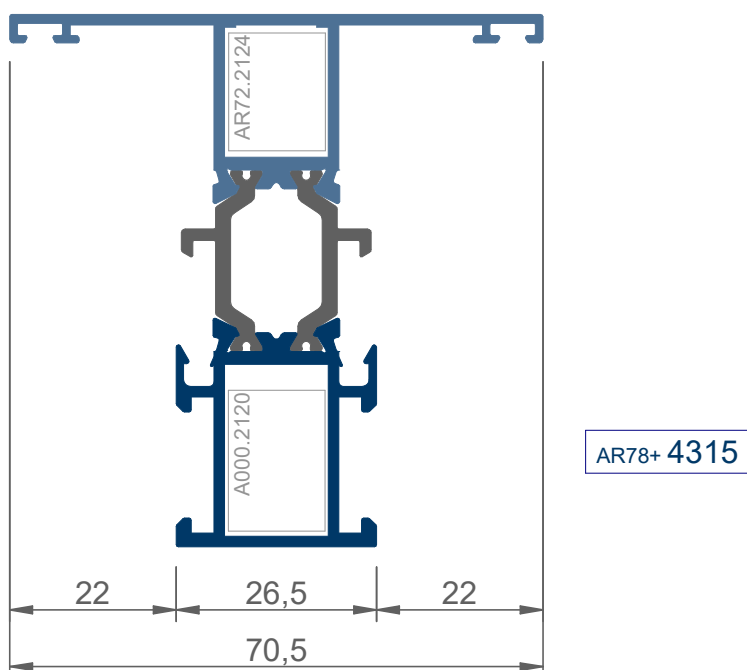
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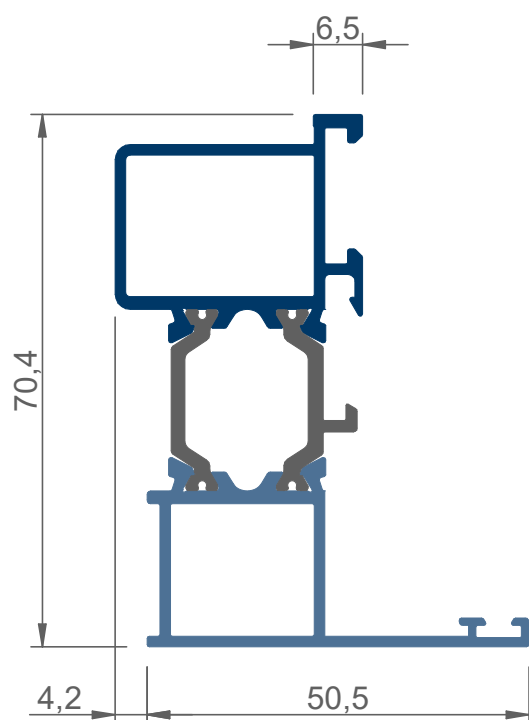




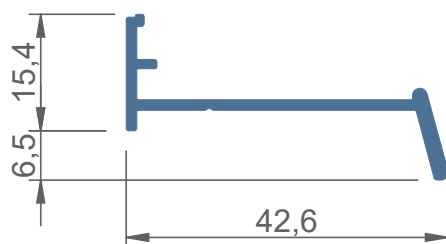




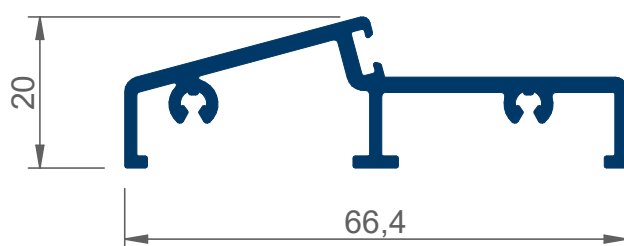




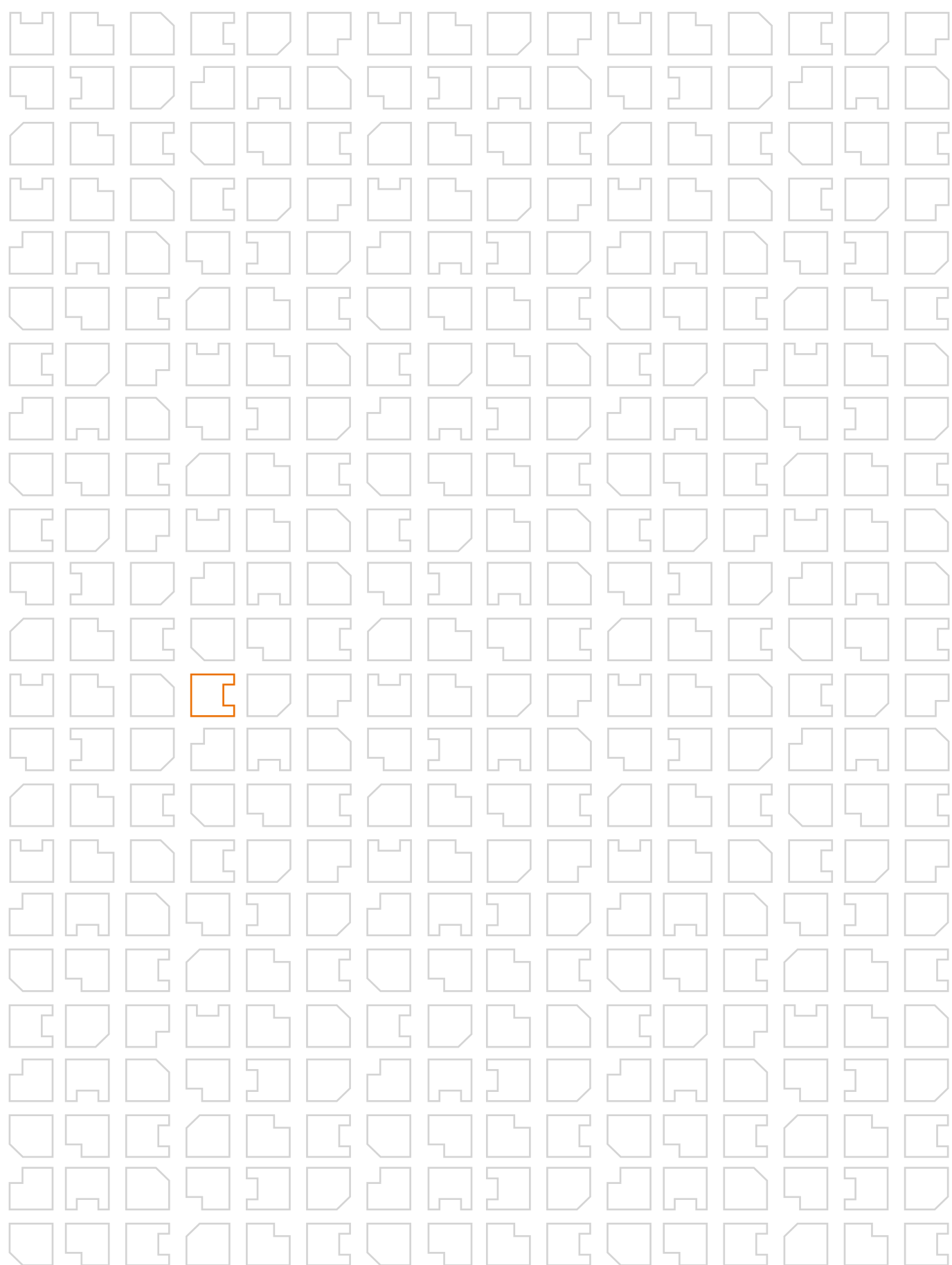
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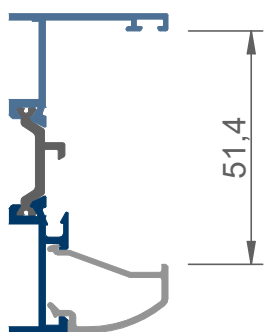


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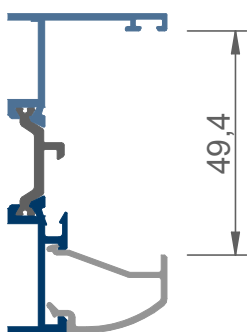


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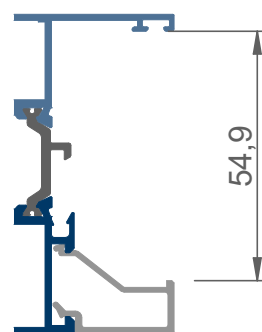
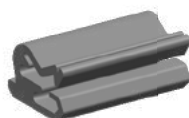
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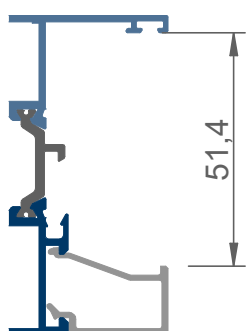
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grapa junquillos elípticos

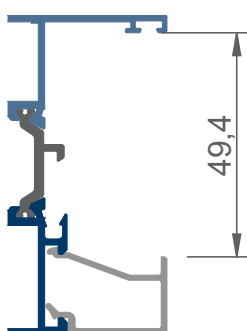
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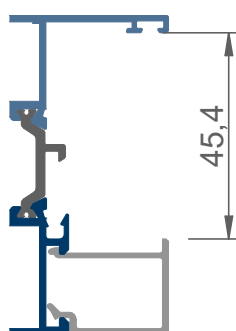
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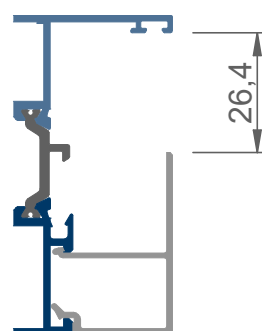
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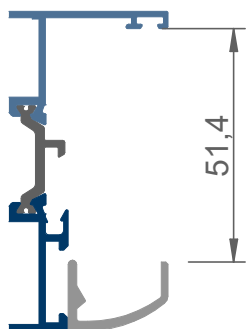
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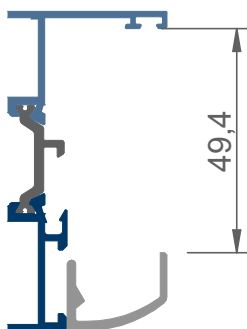
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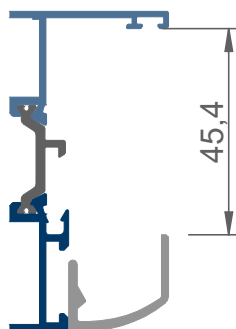
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A000 4516



A000 4518



A000 4522



A000 2351

junta exterior (2mm)



A000 2353

junta cuña (de 3 a 5mm)



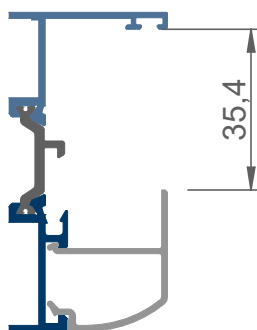
A000 2355

junta cuña (de 5 a 7mm)

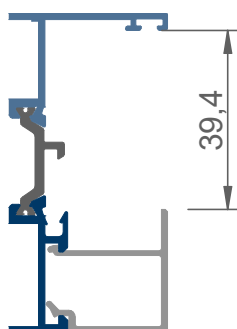


A000 2357

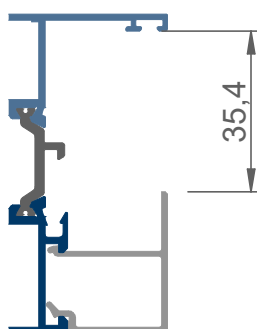
junta cuña (de 7 a 9mm)



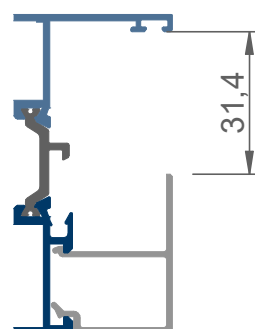
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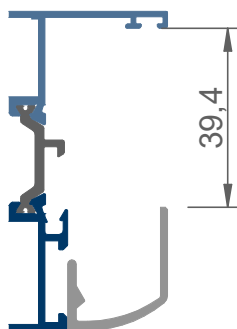
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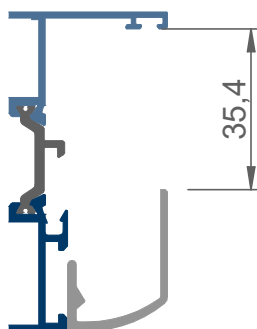
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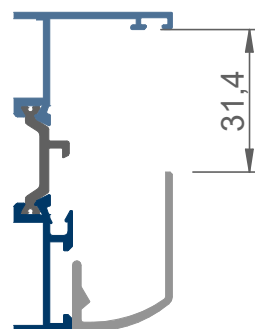
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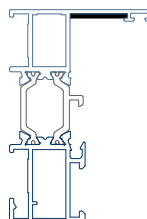


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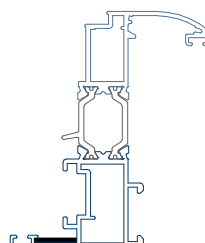


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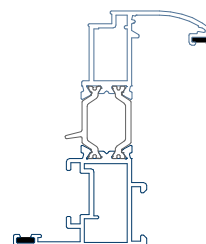
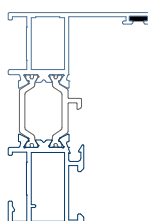
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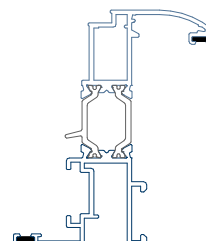
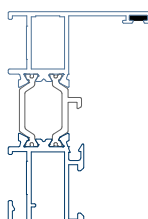
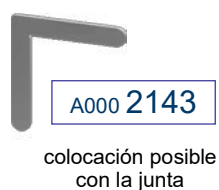
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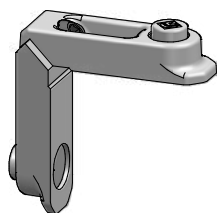


escuadra alineación multiuso

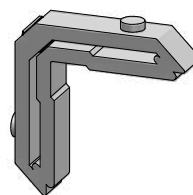


escuadra alineación multiuso (alojamiento juntas)

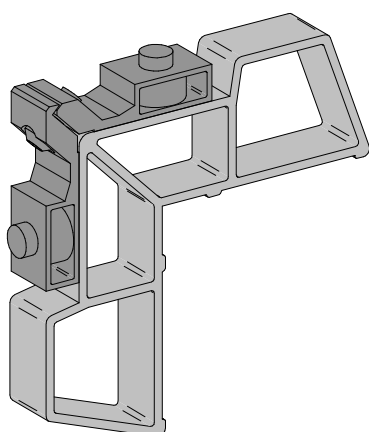




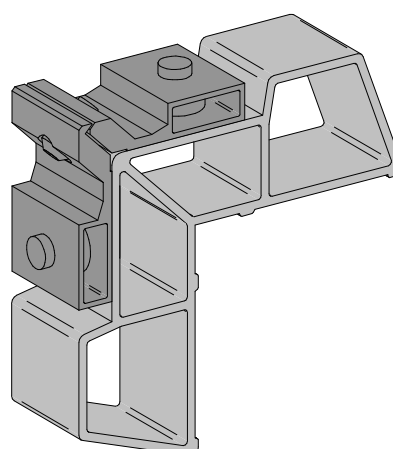
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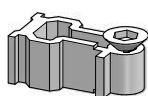
AR52 2118
escuadra exterior



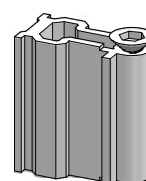
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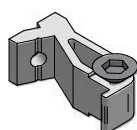
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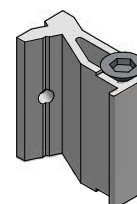
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unión travesaño



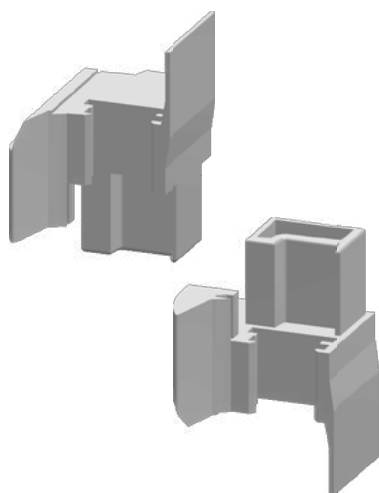
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unión montante



AR72 2124
unión complementaria P

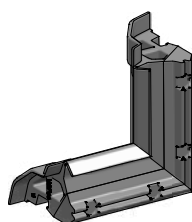


AR72 2126
unión complementaria G



A000 2349

juego base tapas inv CE junta +



A000 2307

ángulo junta central series +



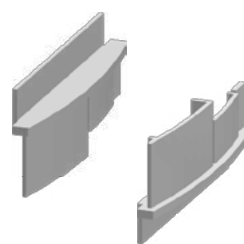
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junta central series +



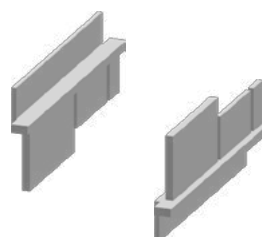
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junta int hoja



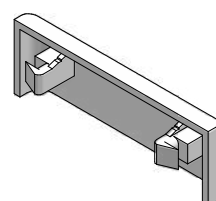
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juegos tapas ext inv curvo



A000 2342

juego tapas ext inv recto



A000 2301

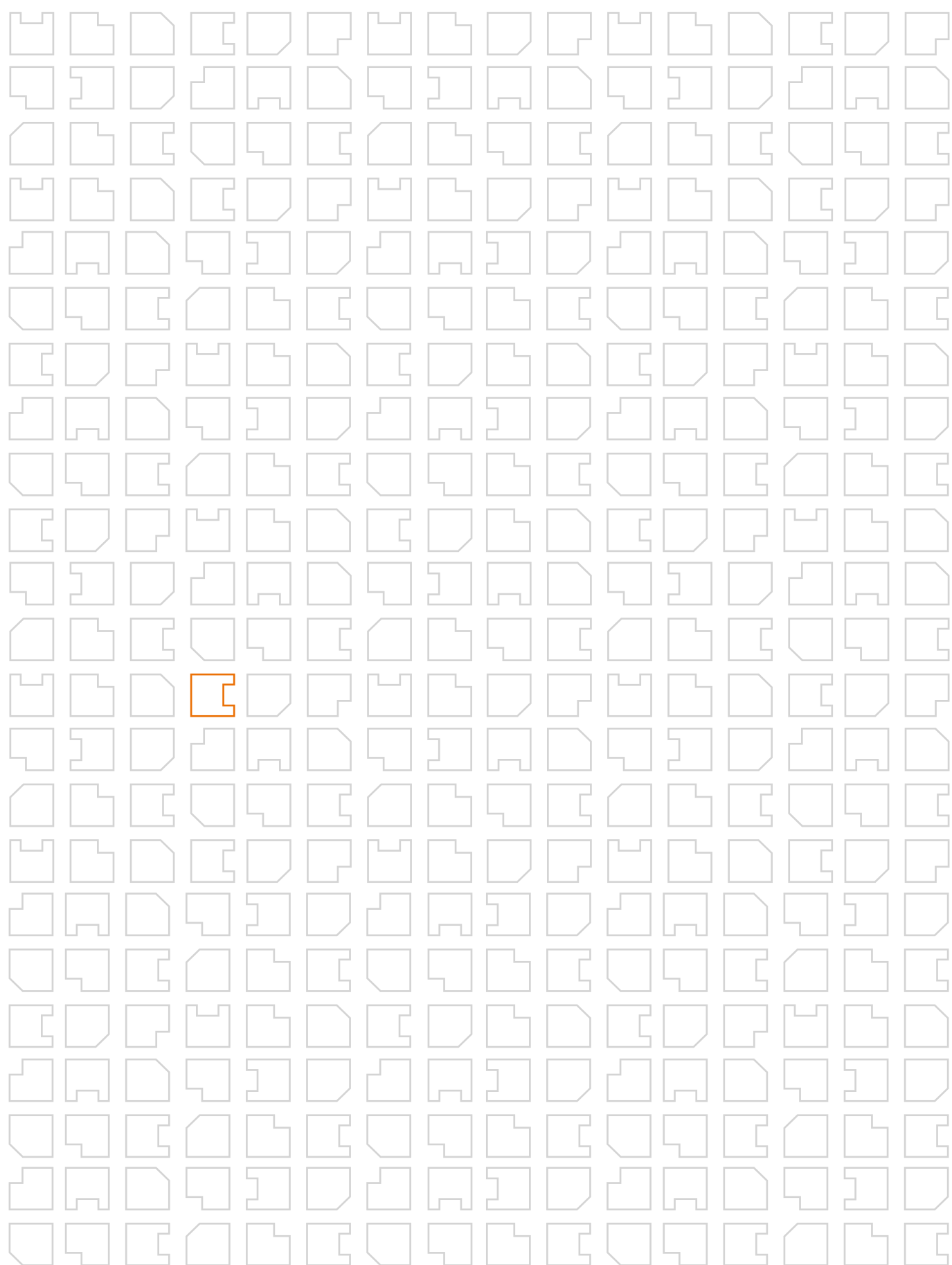
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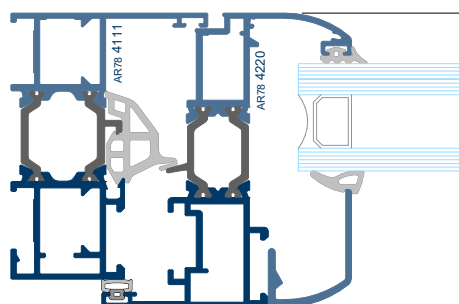
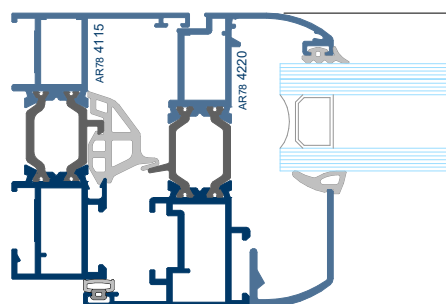
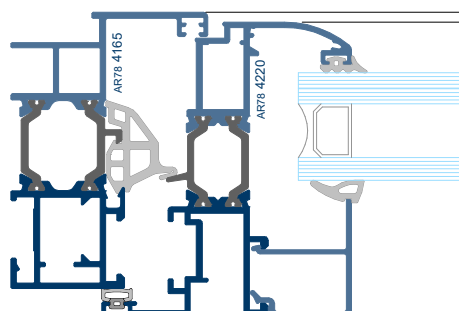
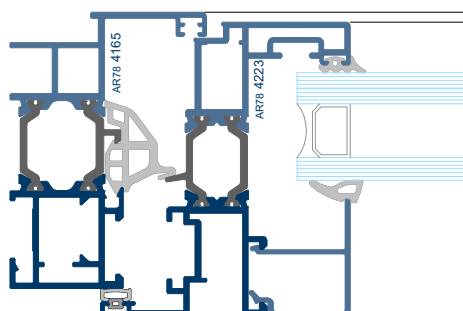
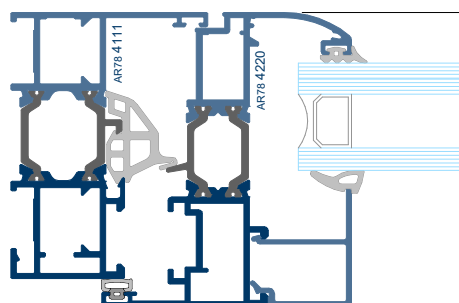
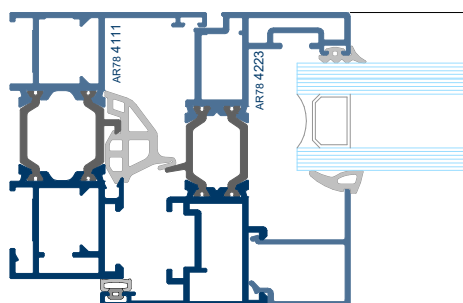
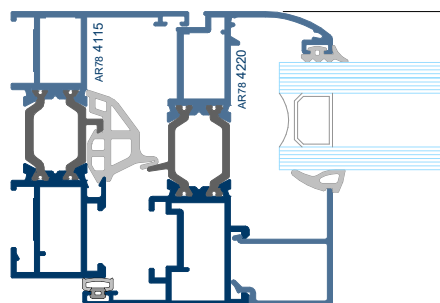
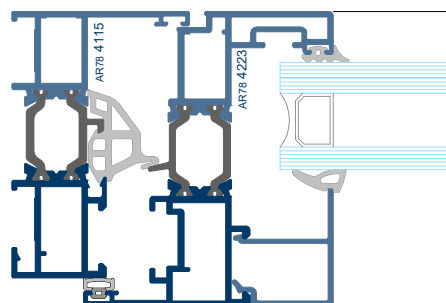


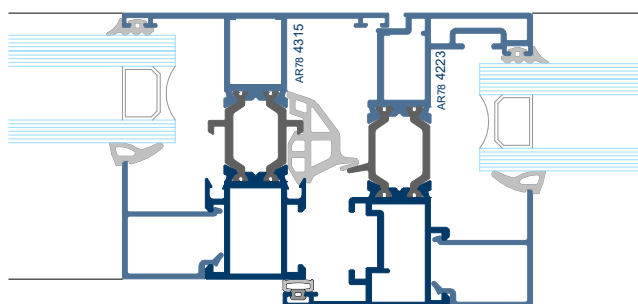
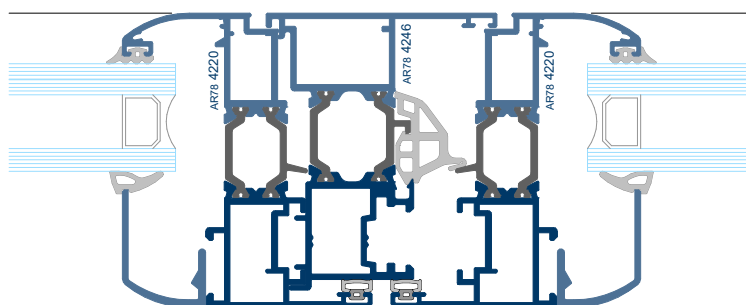
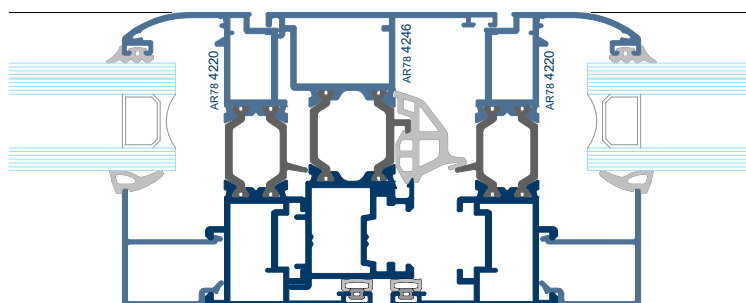
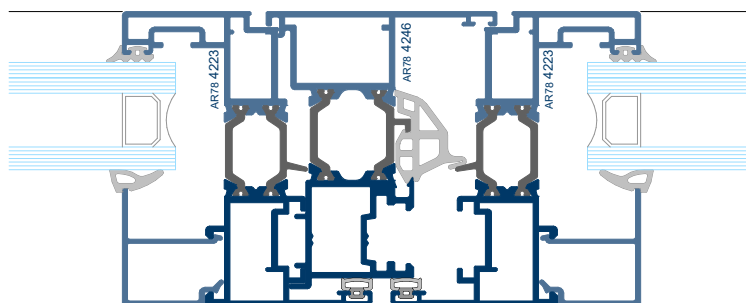
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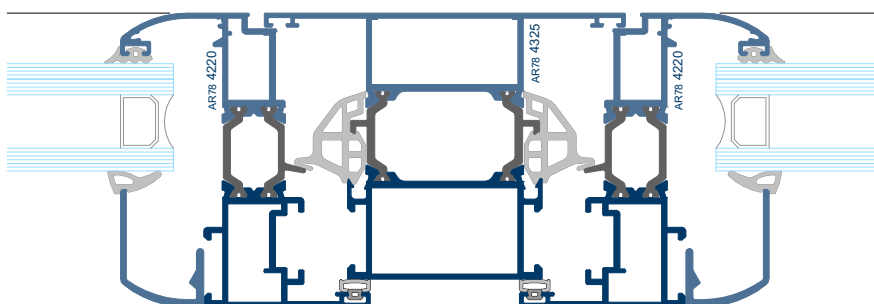
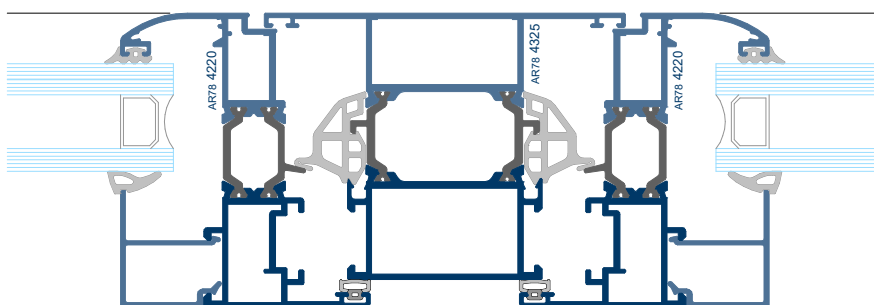
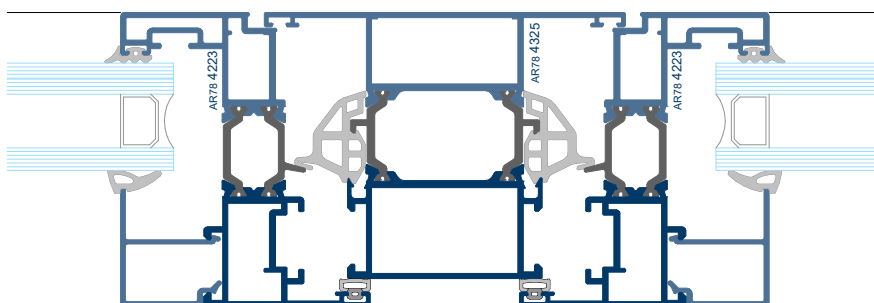
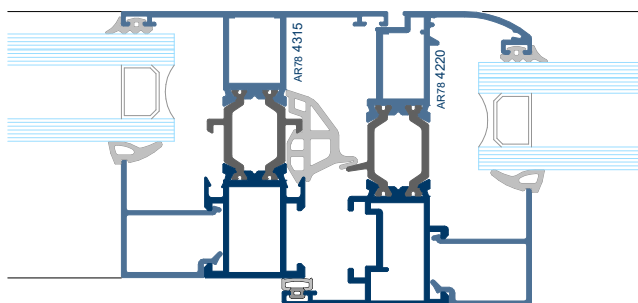
tapa intermedio perf. inv.

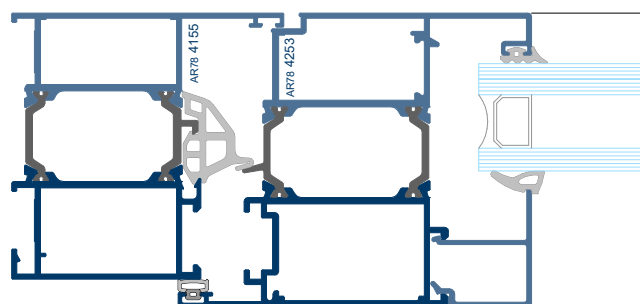
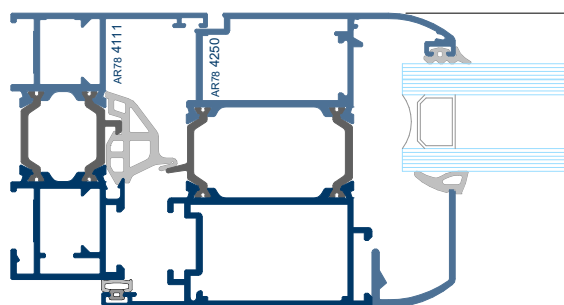
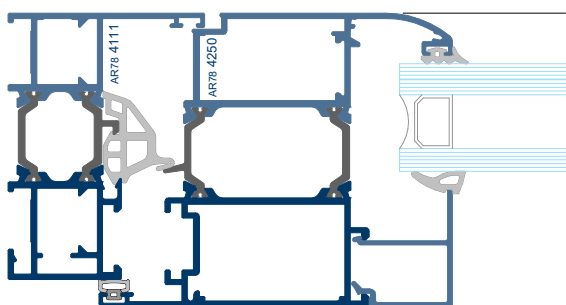
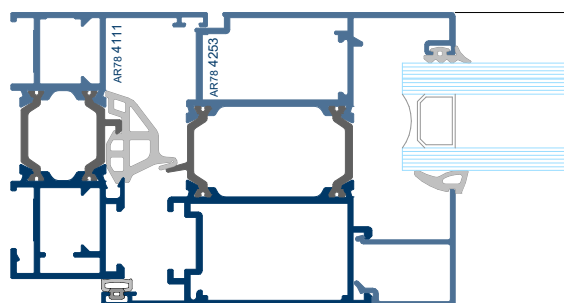
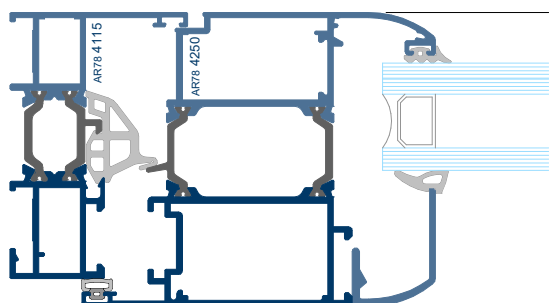
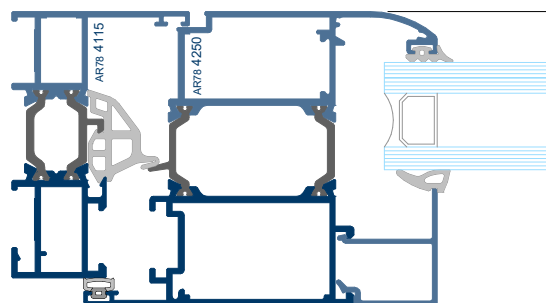
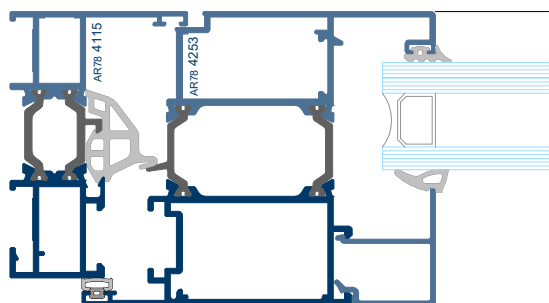
Para accesorios de Maniobra consultar catálogo específico

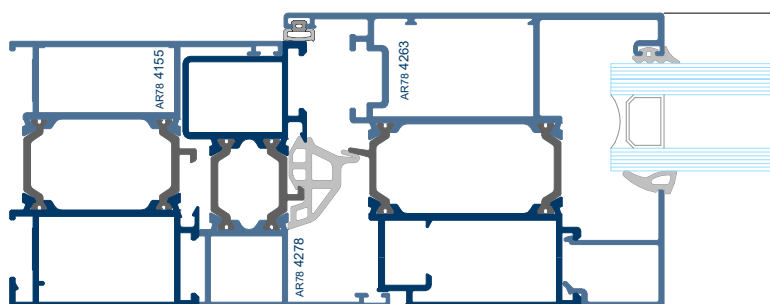
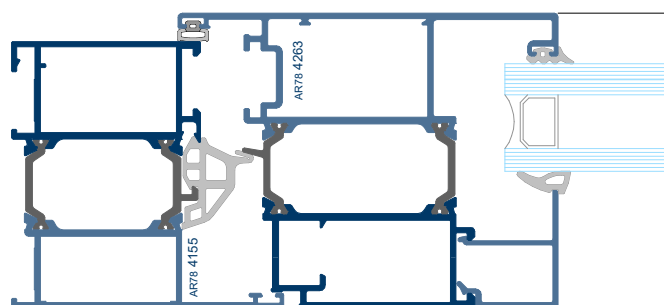
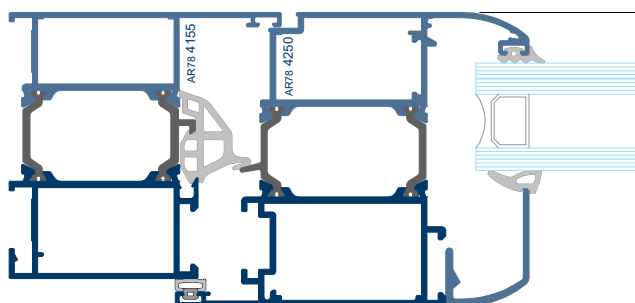
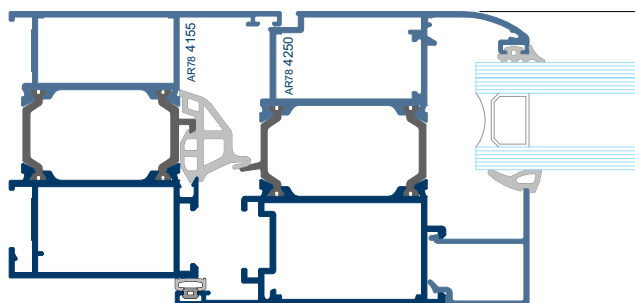


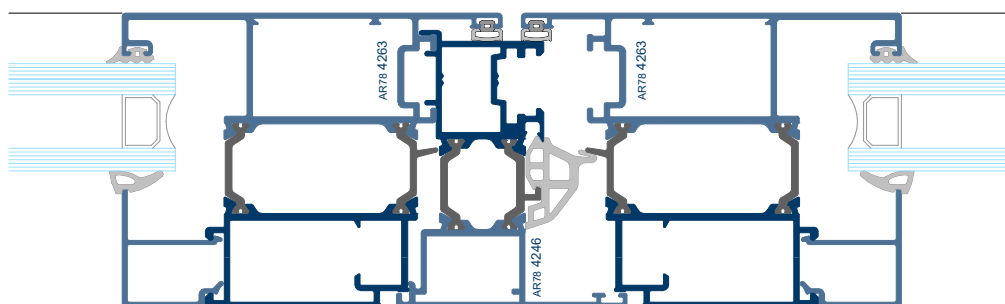
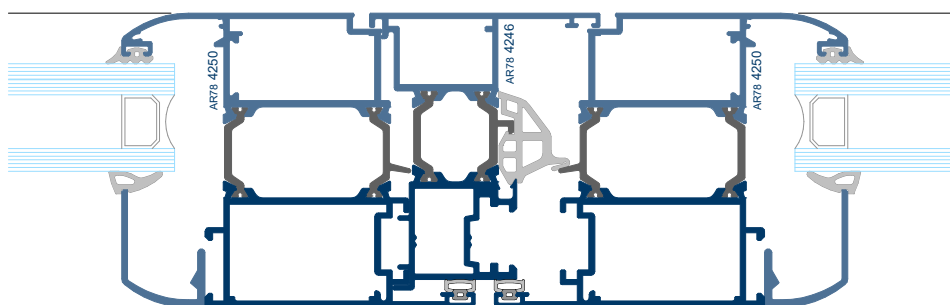
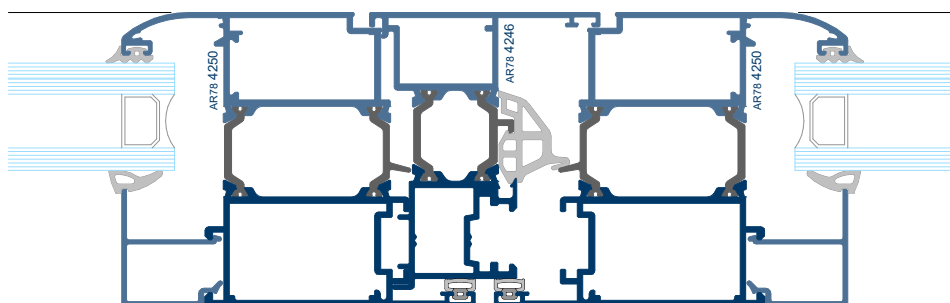
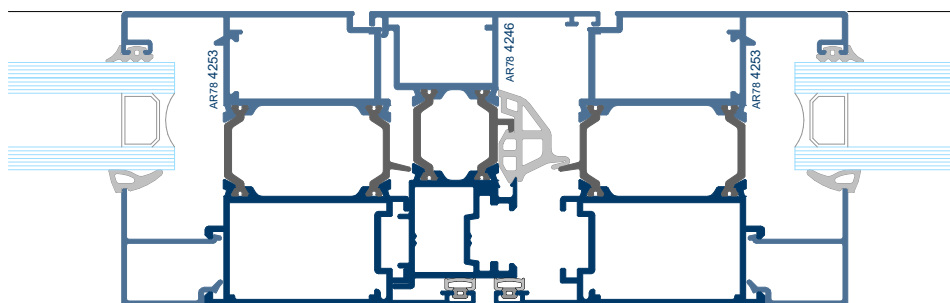


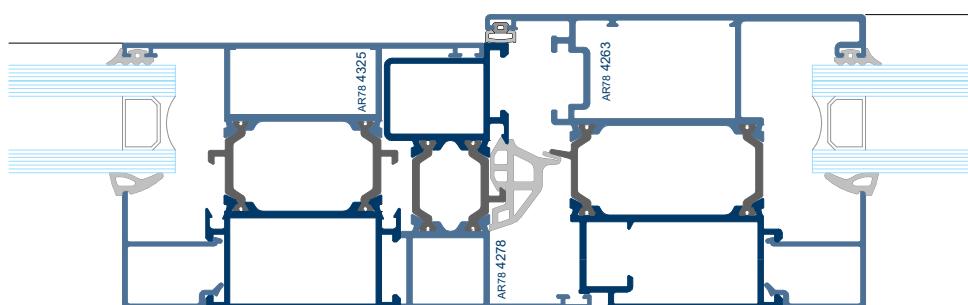
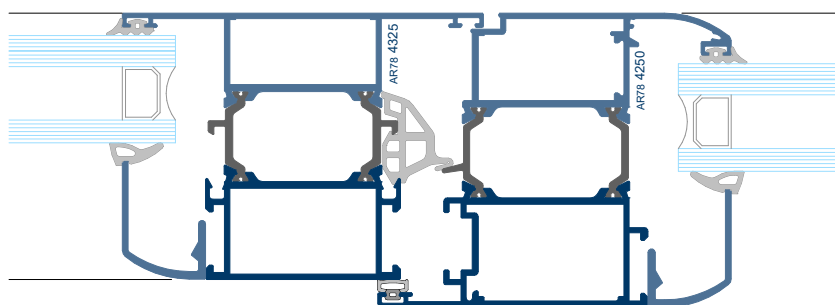
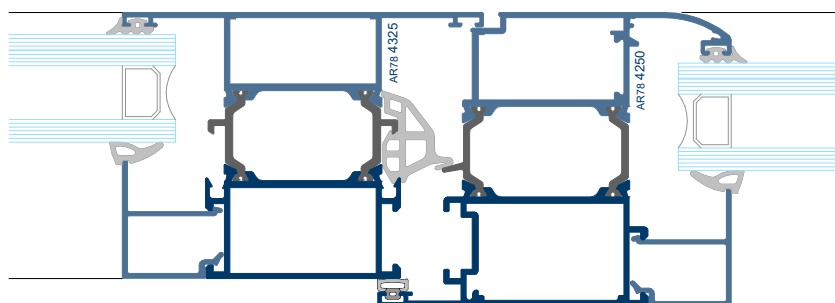
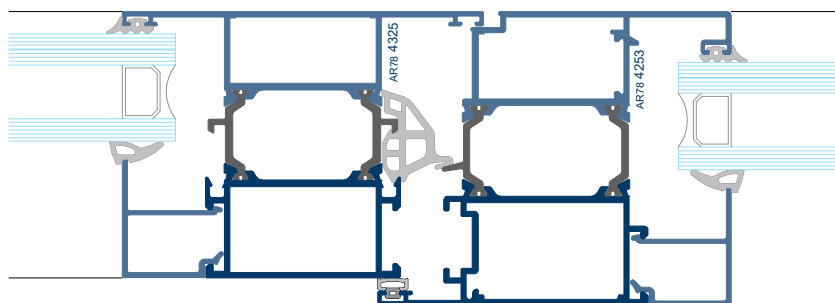


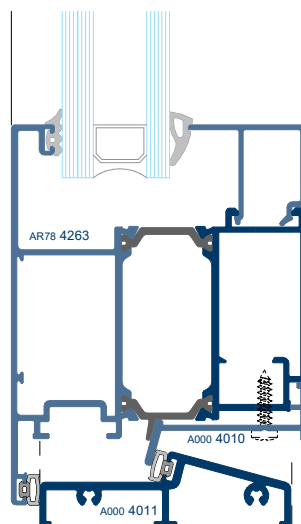
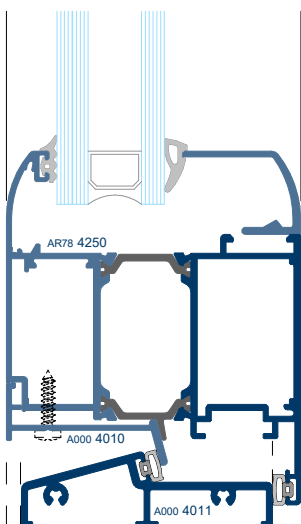
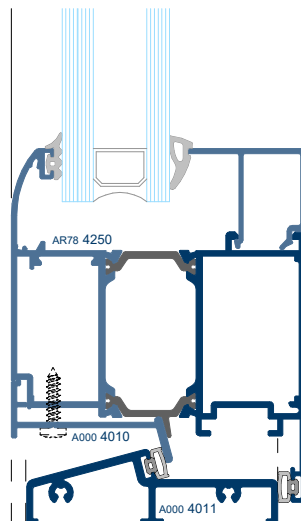
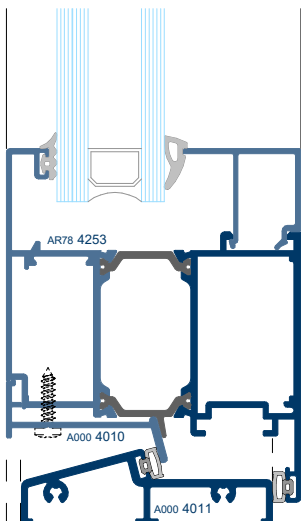


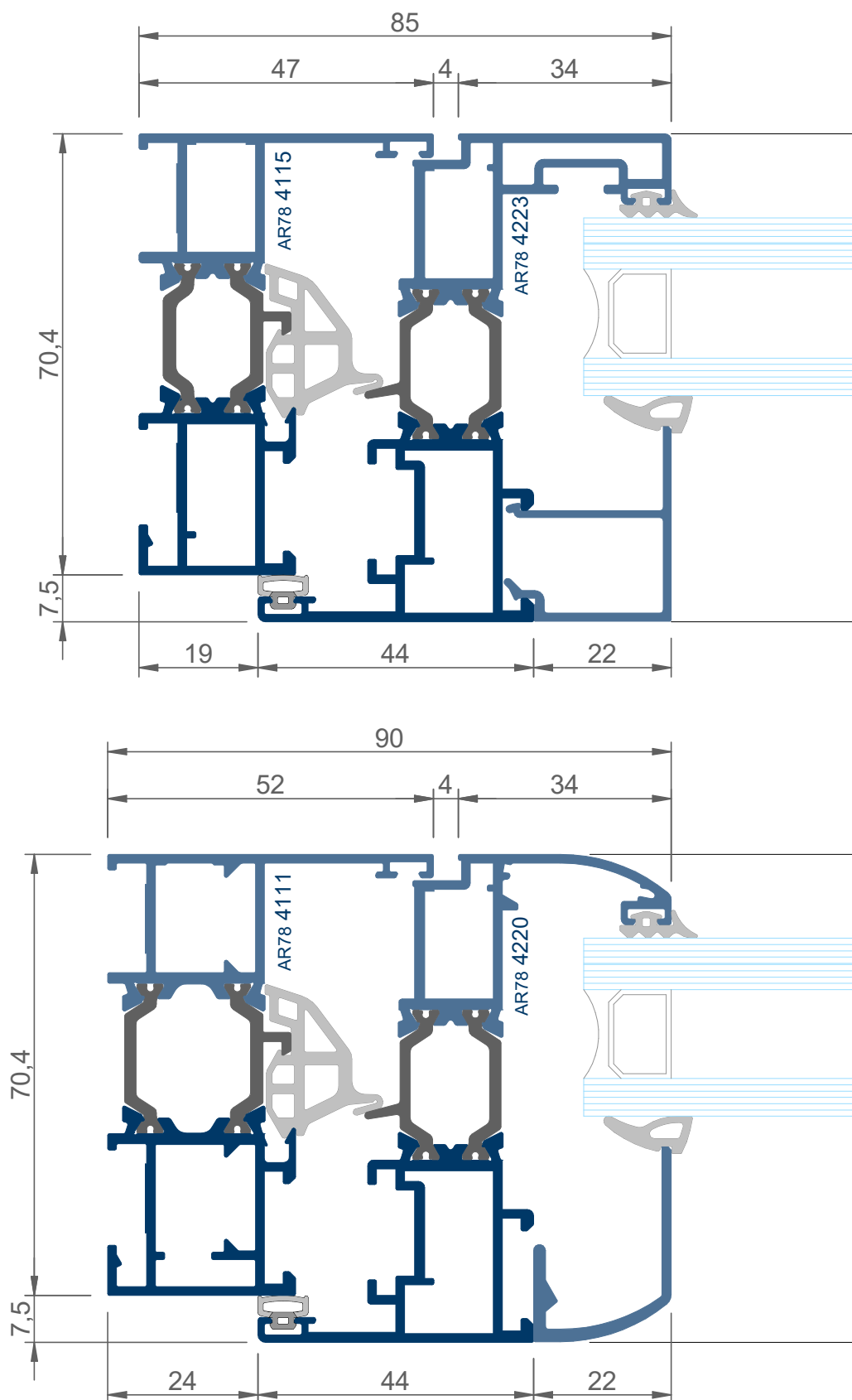


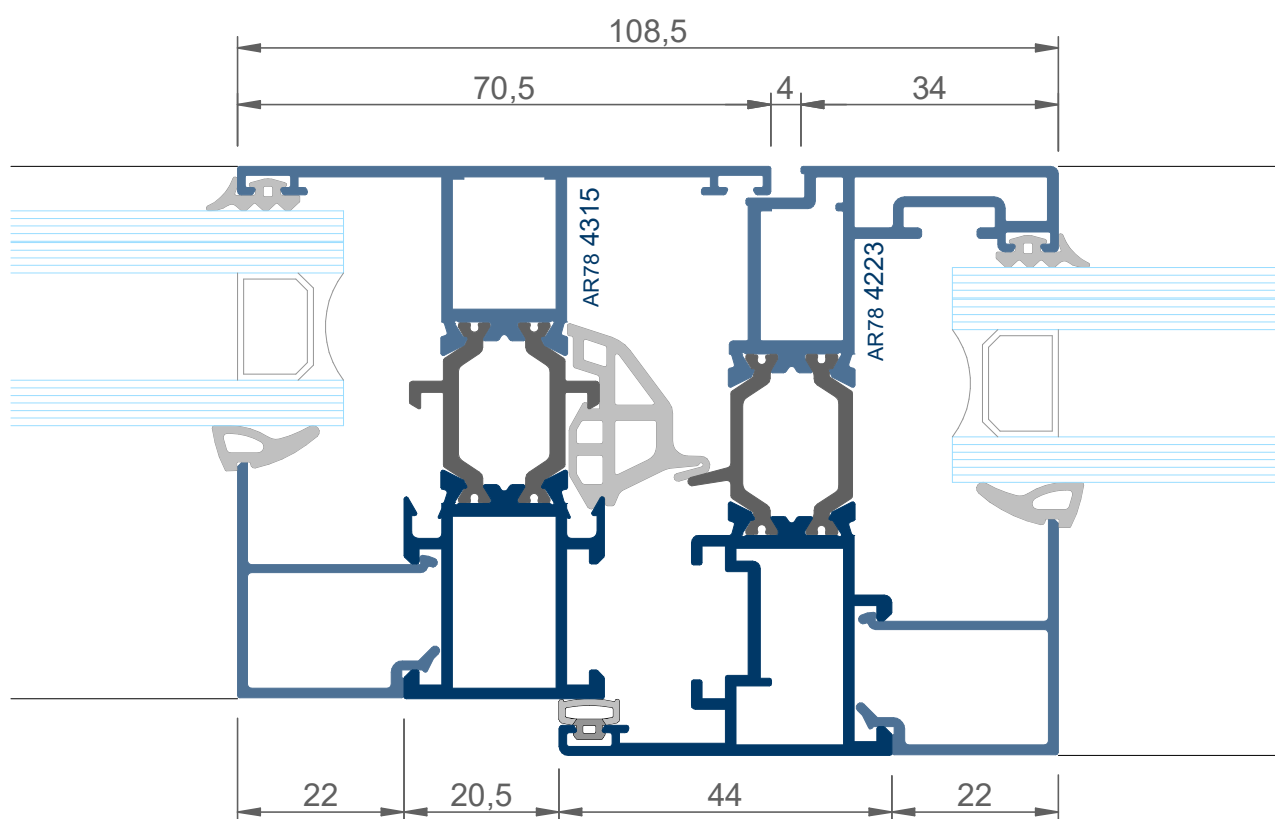
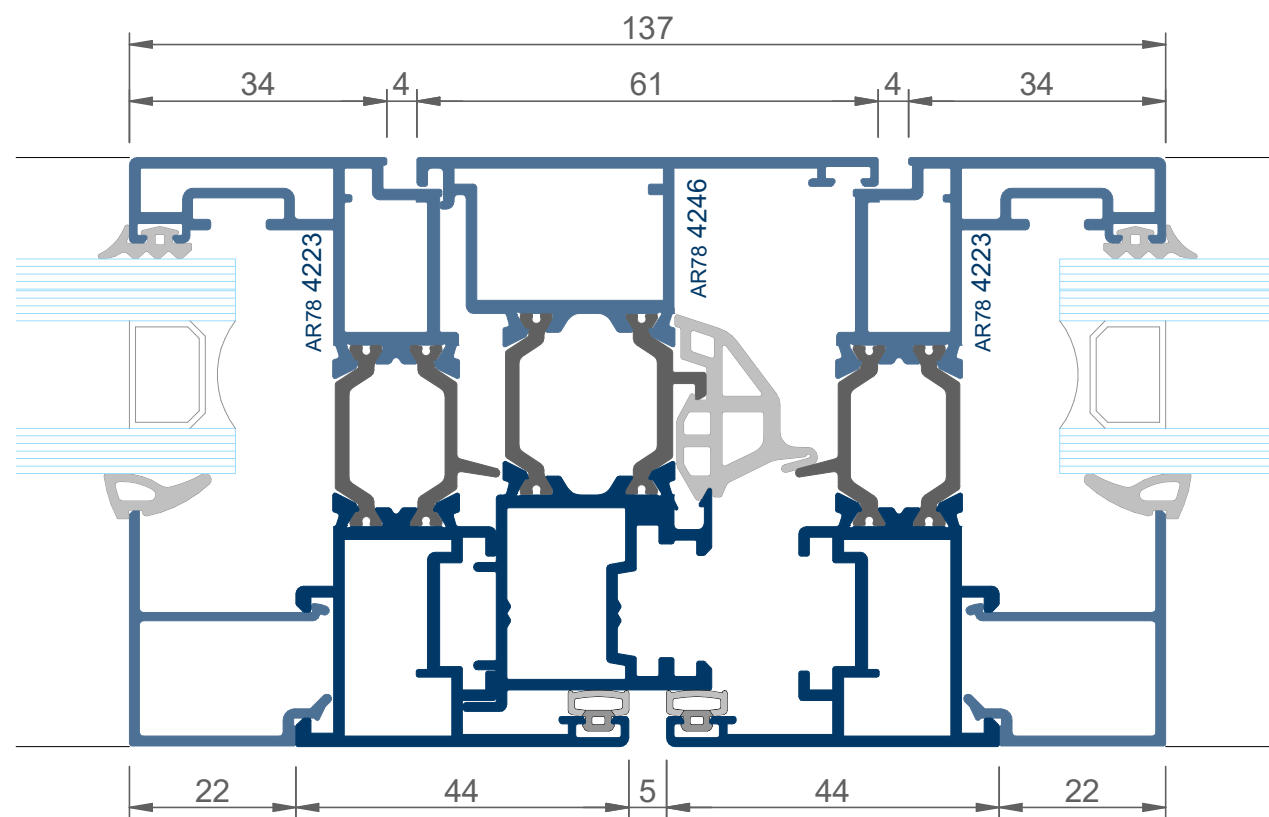


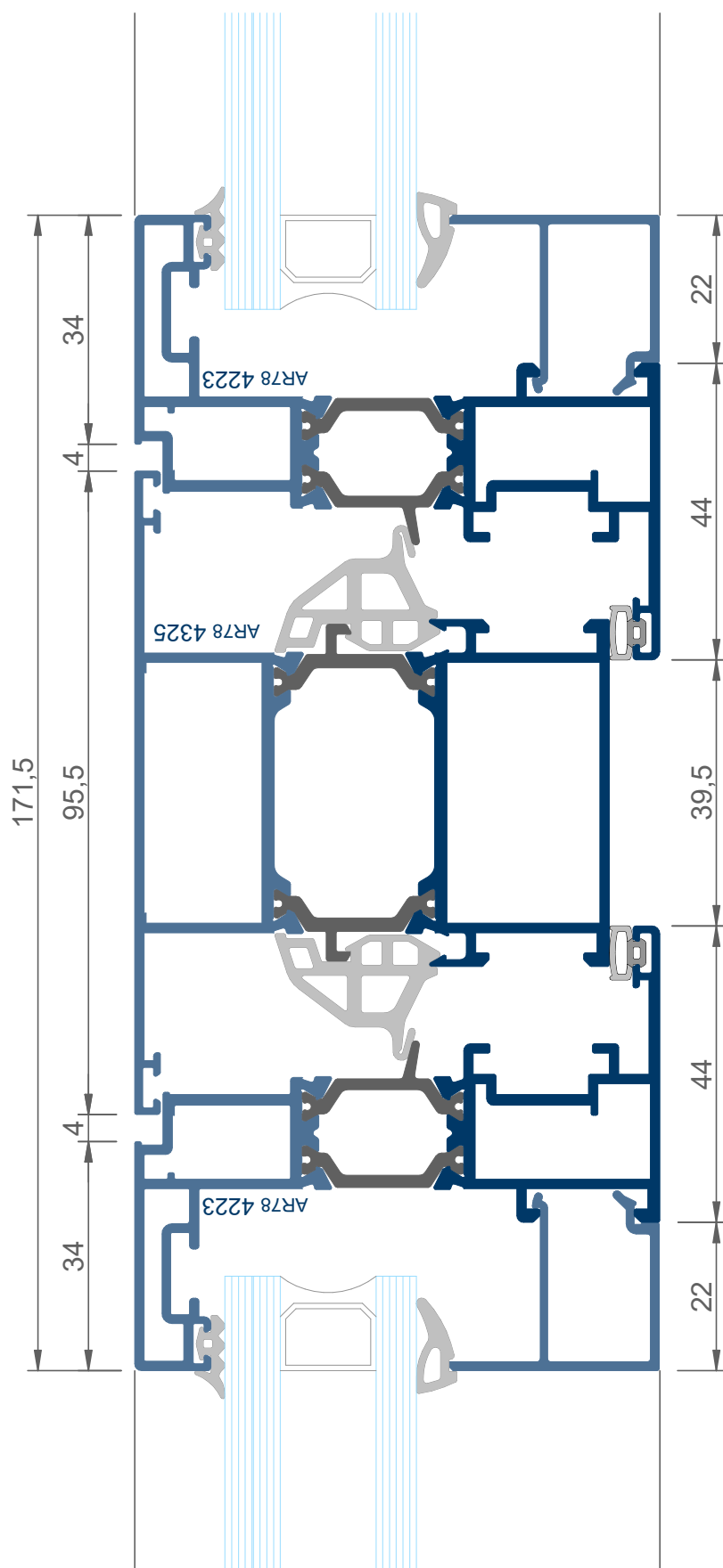


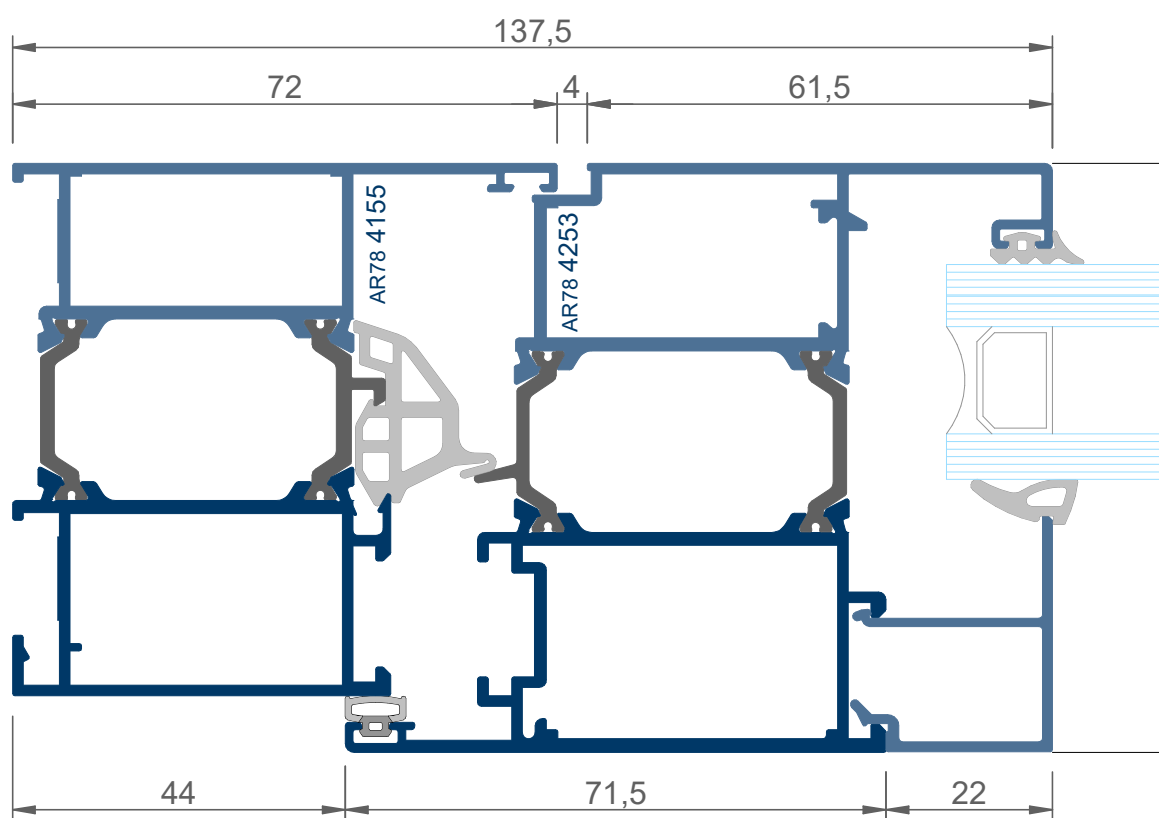
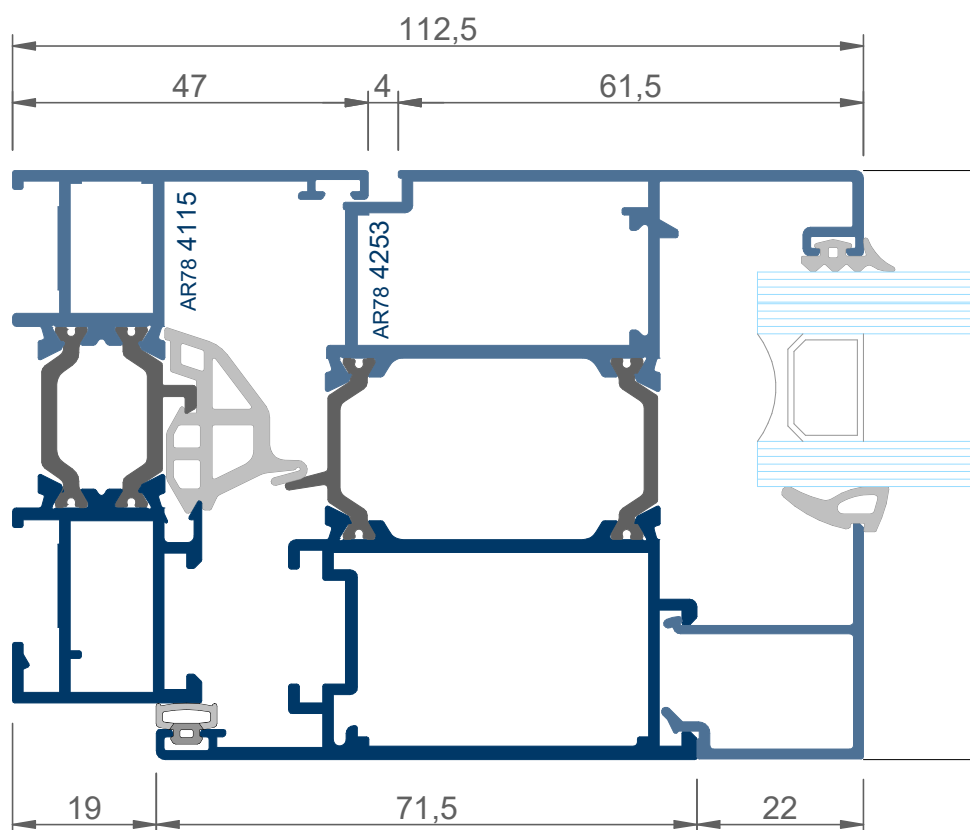




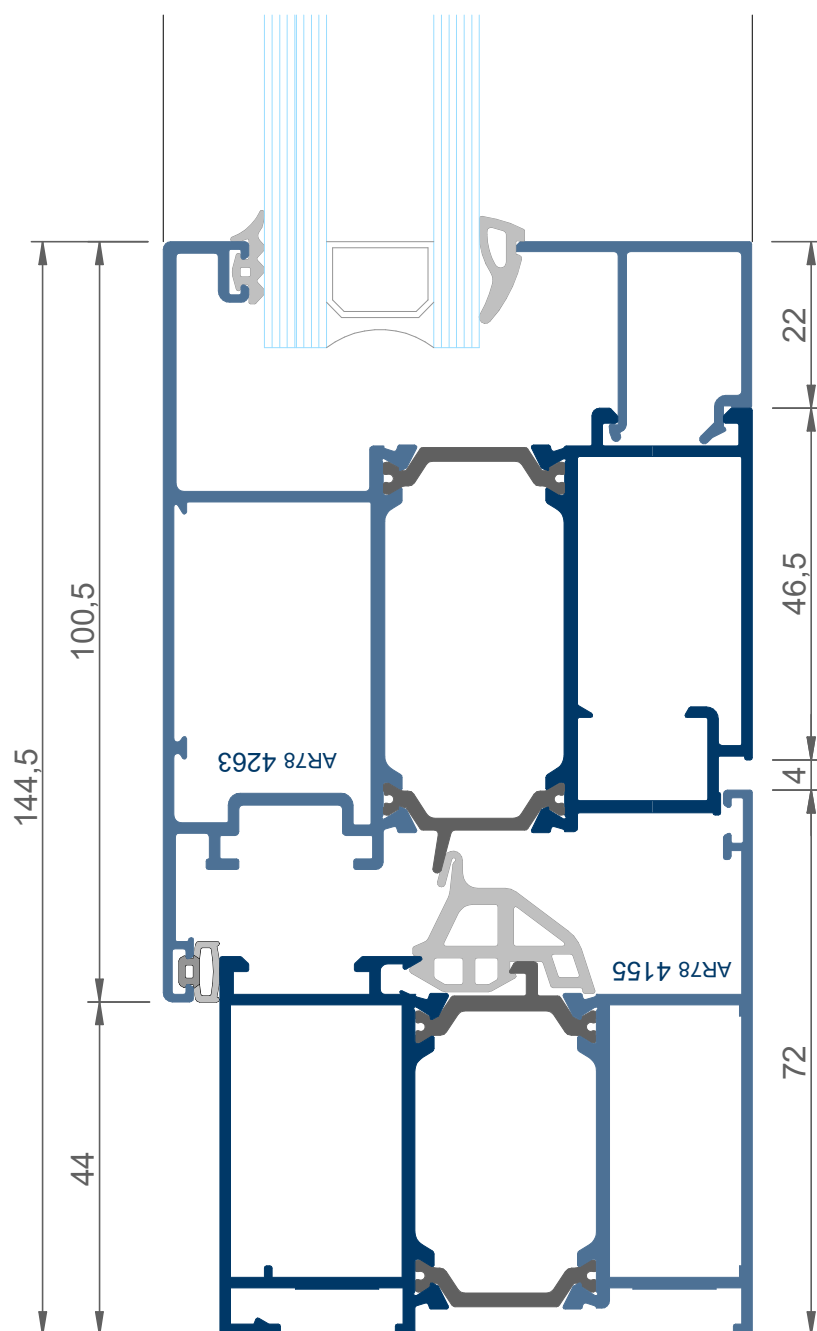


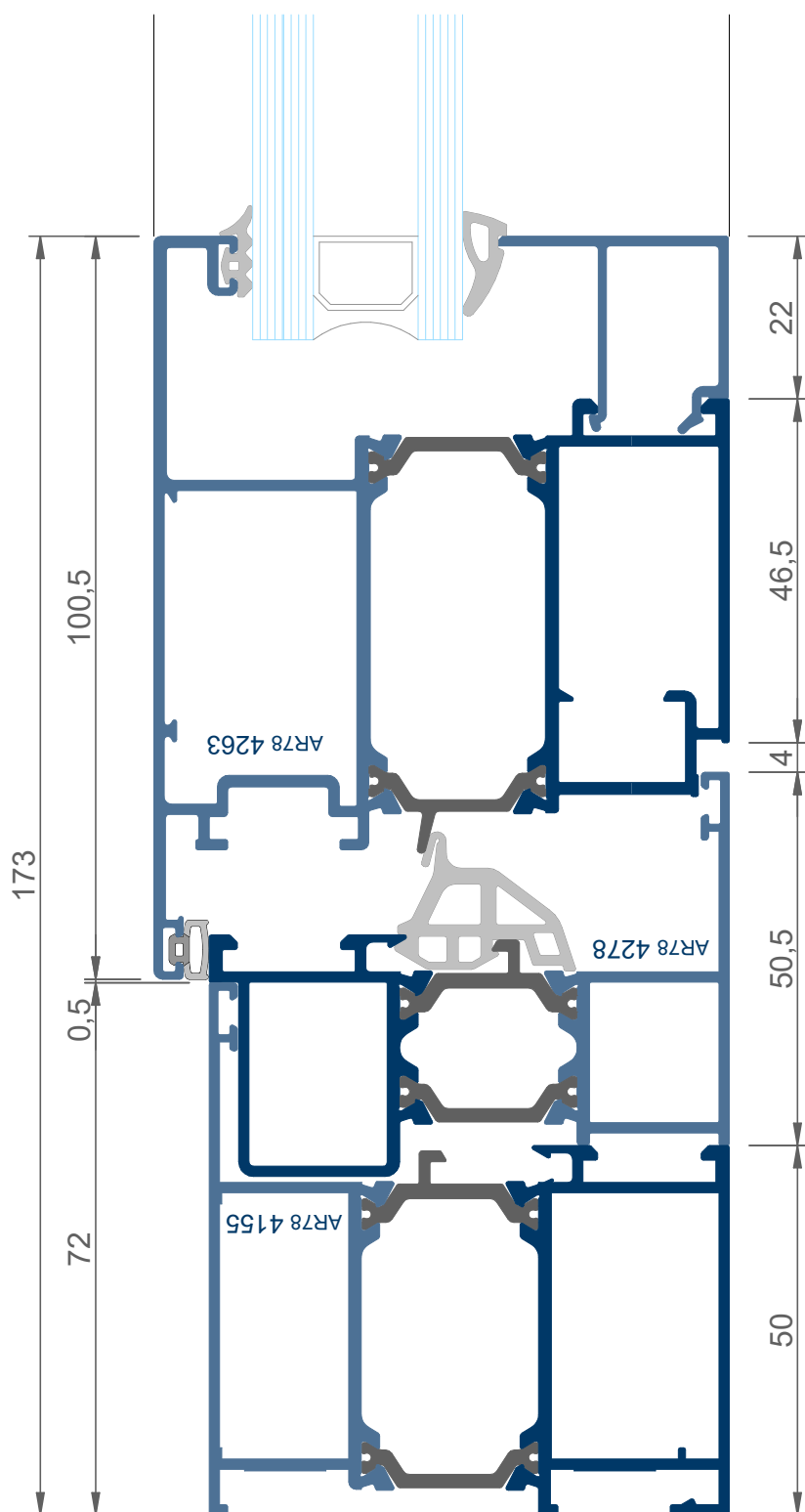


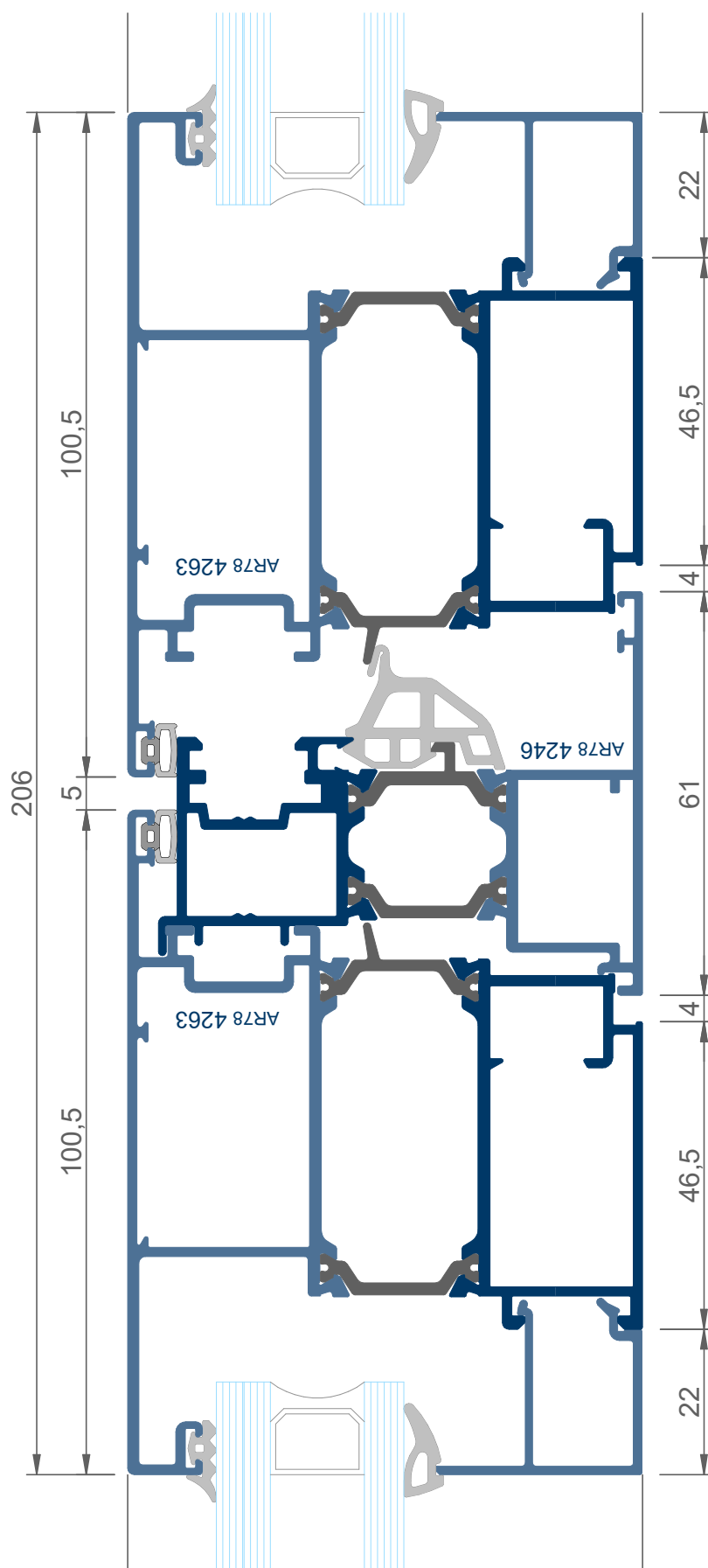




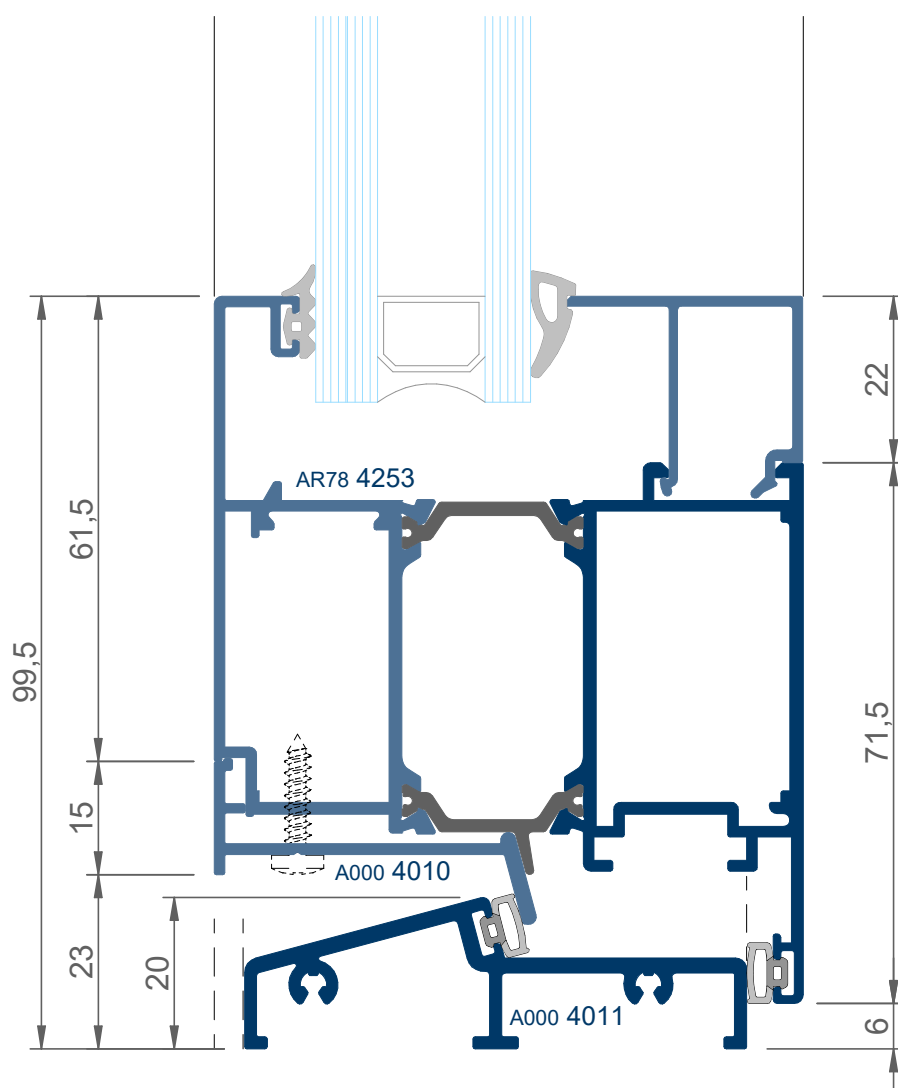


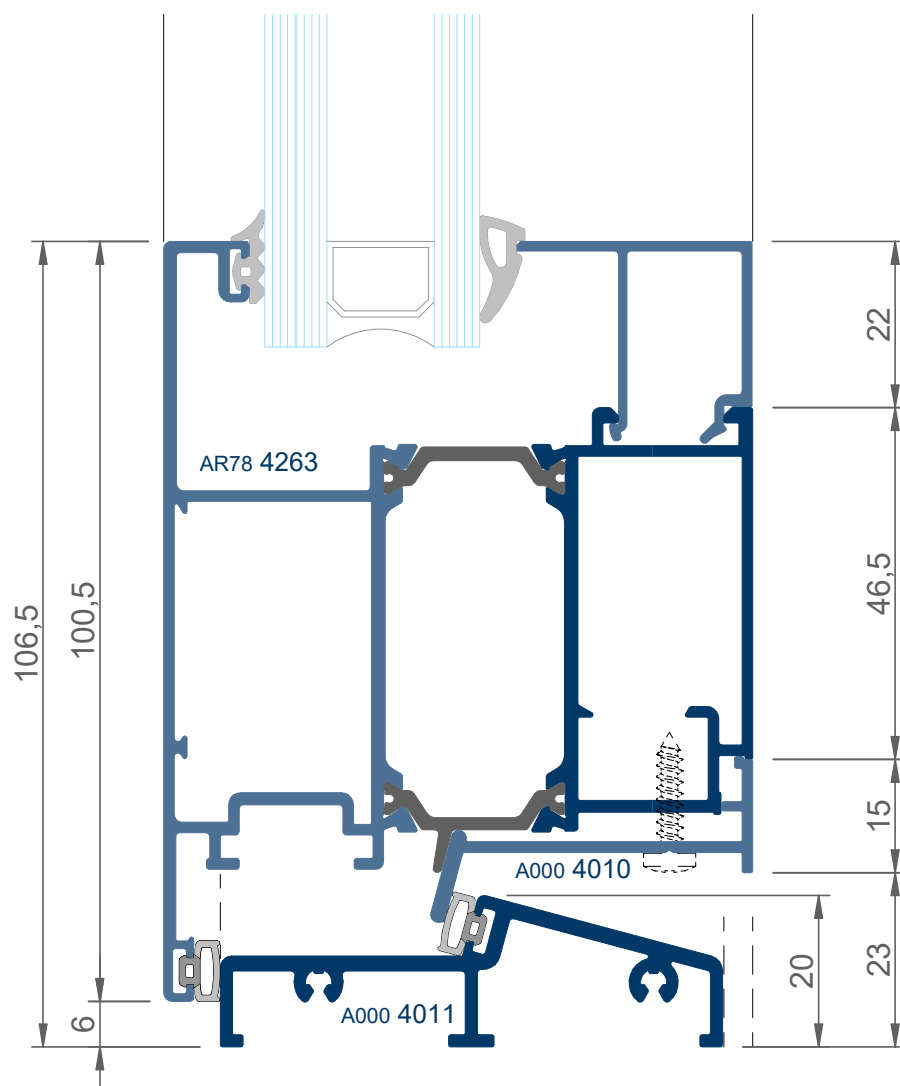


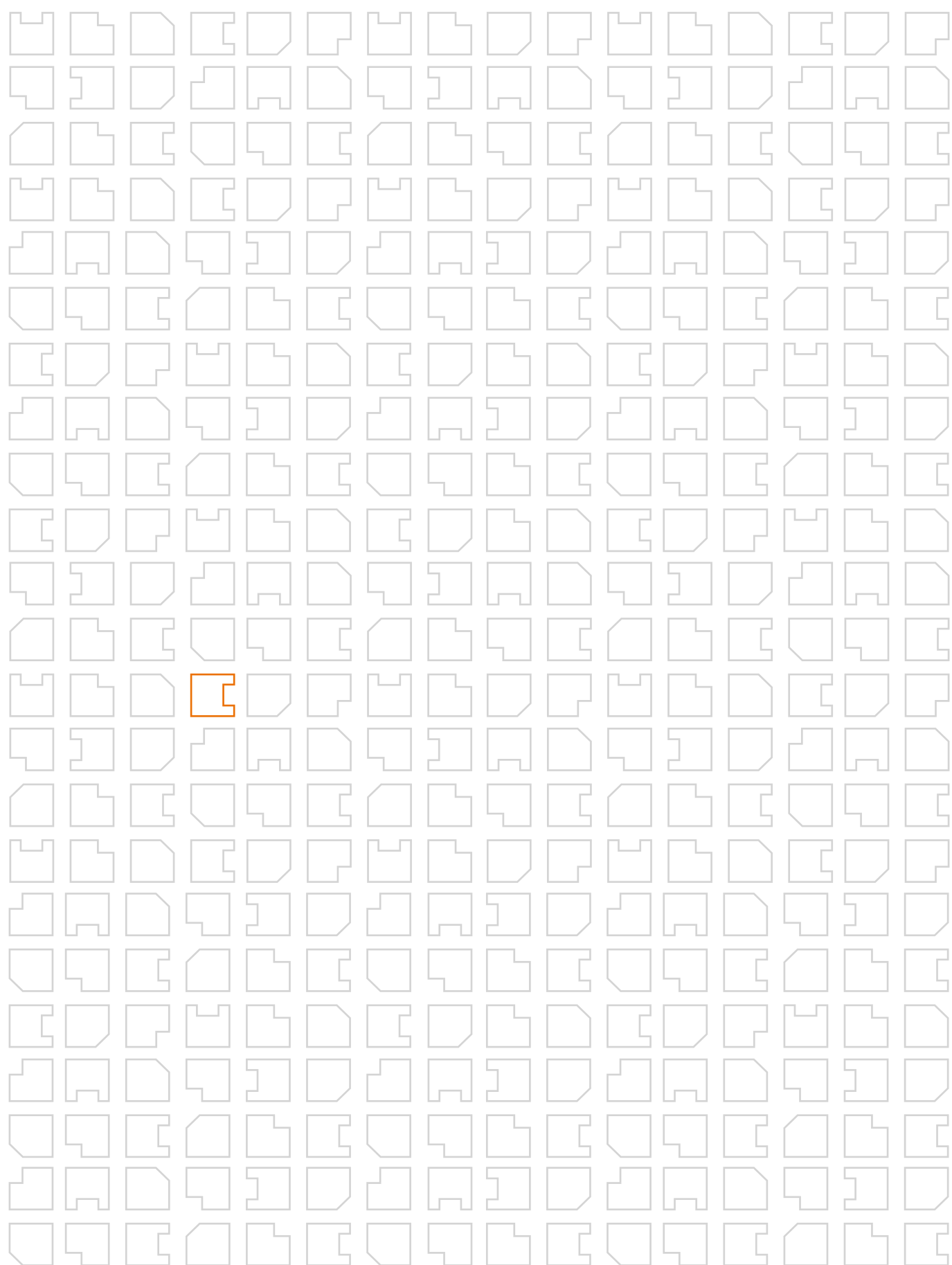


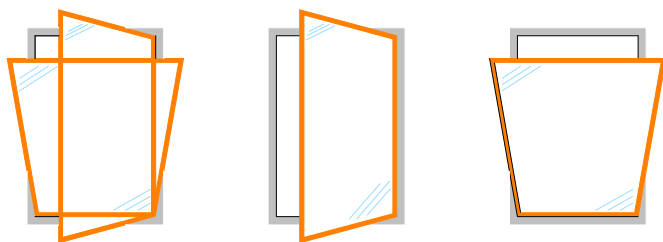






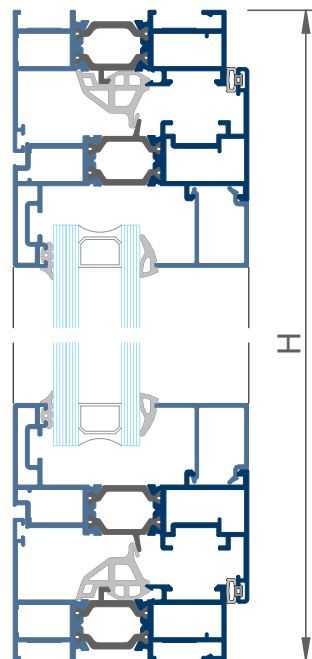




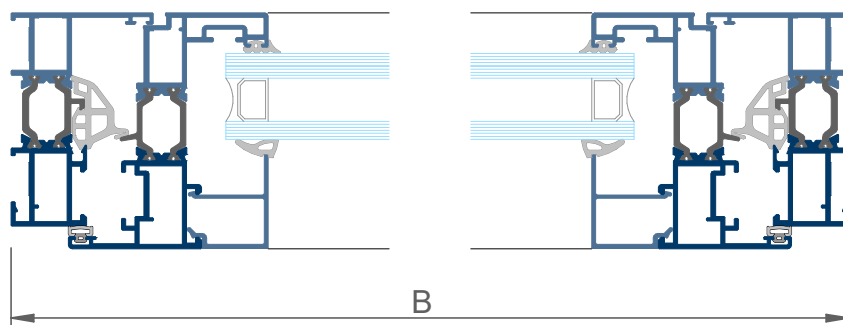


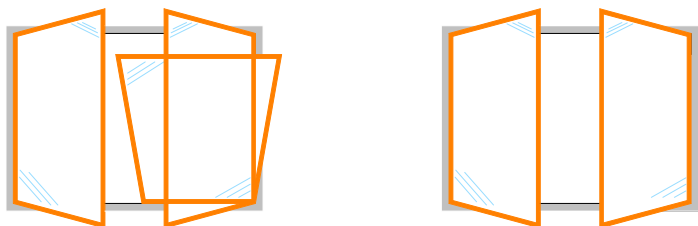
ACCESORIOS			UDS
escuadra	A000.2110		16
escuadra alineación ext hoja	A000.2140		4
escuadra alineación int hoja	A000.2132		4
deflector desagüe	A000.2301		2
ángulo esquina junta central	A000.2307		4
junta central	A000.2308	2B+2H	
junta int hoja	A000.2320	2B+2H	
junta ext acristalamiento	A000.2351	2B+2H	
junta cuña int	A000.XXXX	2B+2H	

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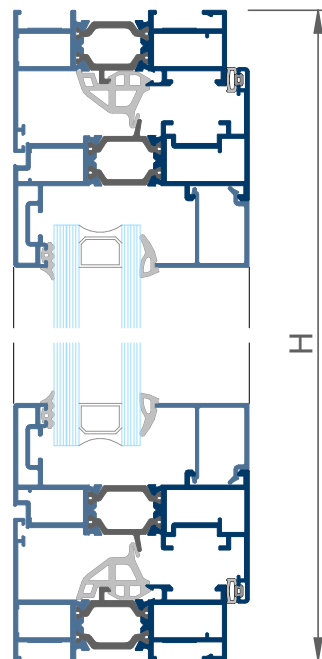


FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4115	2	B	\ --- /
marco vertical	AR78.4115	2	H	\ --- /
hoja horizontal	AR78.4223	2	B-39	\ --- /
hoja vertical	AR78.4223	2	H-39	\ --- /
junquillo recto horizontal	A000.XXXX	2	B-126	---
junquillo elíptico horizontal	A000.XXXX	2	B-126	\ --- /
junquillo recto vertical	A000.XXXX	2	H-170	---
junquillo elíptico vertical	A000.XXXX	2	H-126	\ --- /
vidrio		1	B-146 x H-146	



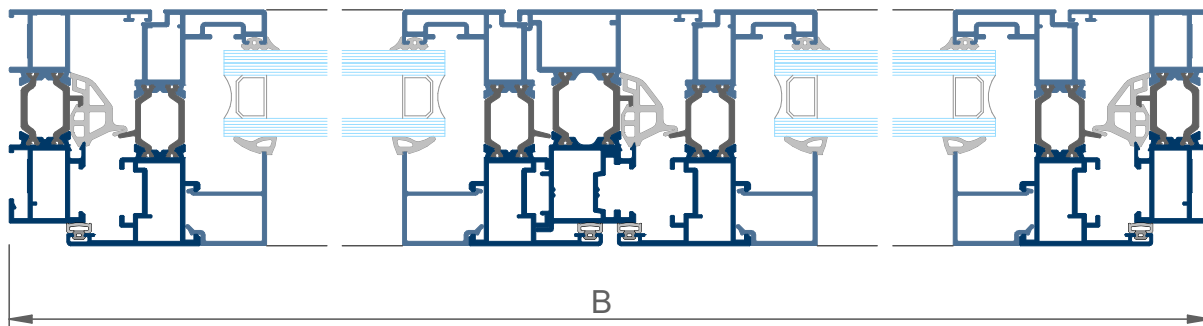


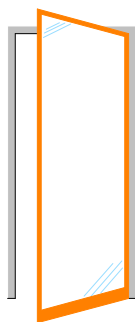
ACCESORIOS			UDS
escuadra	A000.2110		24
escuadra alineación ext hoja	A000.2140		8
escuadra alineación int hoja	A000.2132		8
deflector desagüe	A000.2301		3
ángulo esquina junta central	A000.2307		4
junta central	A000.2308	2B+3H	
junta int hoja	A000.2320	2B+4H	
junta ext acristalamiento	A000.2351	2B+4H	
junta cuña int	A000.XXXX	2B+4H	
juego tapas estanq central	A000.2340	1	
juego tapas estética central	A000.2342	1	



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FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4115	2	B	\ --- /
marco vertical	AR78.4115	2	H	\ --- /
hoja horizontal	AR78.4223	4	(B-44)/2	\ --- /
hoja vertical	AR78.4223	4	H-39	\ --- /
inversor doble hoja	AR78.4246	1	H-107	---
junquillo recto horizontal	A000.XXXX	4	(B-220)/2	---
junquillo elíptico horizontal	A000.XXXX	4	(B-220)/2	\ --- /
junquillo recto vertical	A000.XXXX	4	H-170	---
junquillo elíptico vertical	A000.XXXX	4	H-126	\ --- /
vidrio		2	(B-259)/2 x H-146	

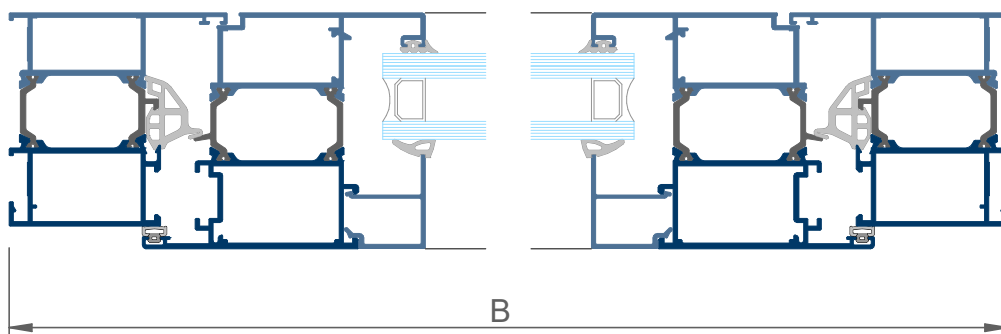
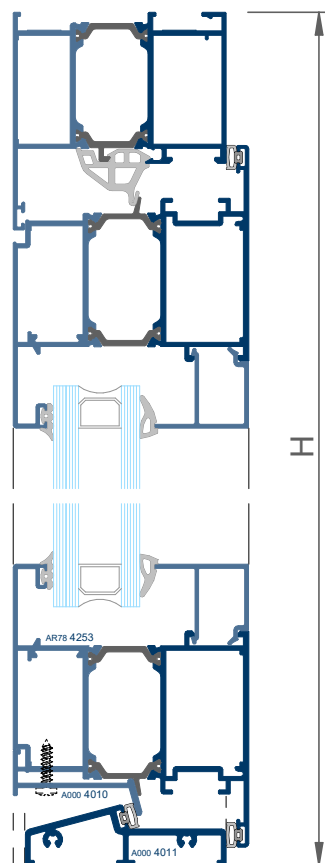


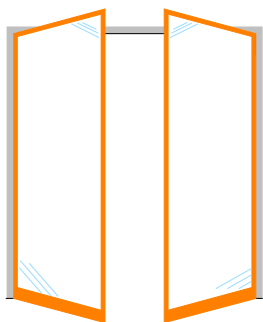


ACCESORIOS			UDS
escuadra marco	A000.2113		8
escuadra hoja	A000.2114		4
escuadra alineación int hoja	A000.2132		4
ángulo esquina junta central	A000.2307		2
junta central	A000.2308	1B+2H	
junta int hoja	A000.2320	3B+2H	
junta ext acristalamiento	A000.2351	2B+2H	
junta cuña int	A000.XXXX	2B+2H	

para accesorios de maniobra consultar catálogo específico

FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4155	1	B	\ --- /
marco vertical	AR78.4155	2	H	- / \ -
hoja horizontal	AR78.4253	2	B-88	\ --- /
hoja vertical	AR78.4253	2	H-50	\ --- /
perfil hoja bajo puerta	A000.4010	1	B-123	---
perfil umbral bajo puerta	A000.4010	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-237	---
junquillo elíptico vertical	A000.XXXX	2	H-193	\ --- /
vidrio		1	B-249 x H-213	

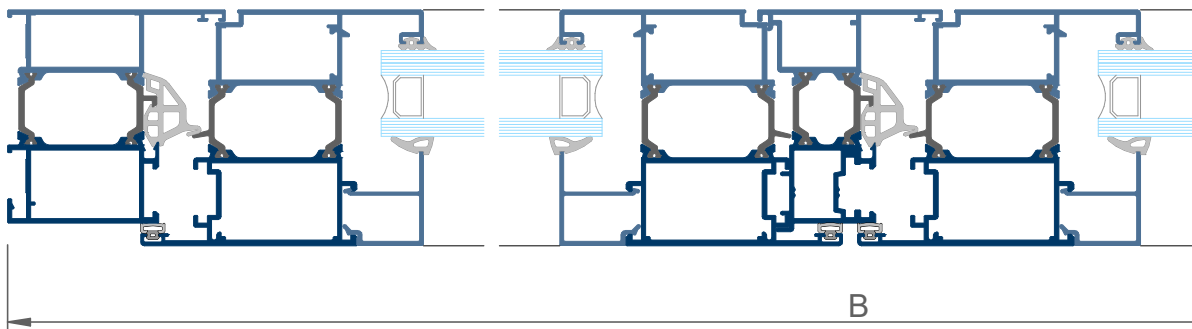
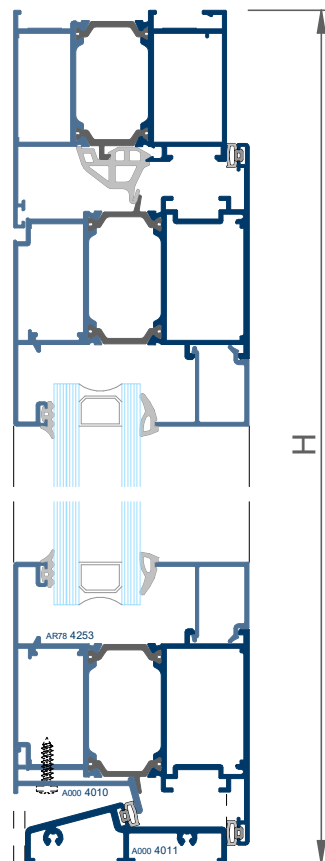


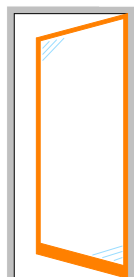


ACCESORIOS			UDS
escuadras "13"	A000.2113		12
escuadras "14"	A000.2114		8
escuadra alineación int hoja	A000.2132		8
ángulo esquina junta central	A000.2307		2
junta central	A000.2308		1B+3H
junta int hoja	A000.2320		2B+4H
junta ext acristalamiento	A000.2351		3B+4H
junta cuña int	A000.XXXX		2B+4H
juego tapas estanq central	A000.2340		1
juego tapas estética central	A000.2342		1

para accesorios de maniobra consultar catálogo específico

FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4155	1	B	\ --- /
marco vertical	AR78.4155	2	H	- / \ -
hoja horizontal	AR78.4253	4	(B-93)/2	\ --- /
hoja vertical	AR78.4253	4	H-50	\ --- /
inversor doble hoja	AR78.4246	1	H-118	---
perfil hoja bajo puerta	A000.4010	1	(B-163)/2	---
perfil hoja bajo puerta	A000.4010	1	(B-92)/2	---
perfil umbral bajo puerta	A000.4011	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-237	---
junquillo elíptico vertical	A000.XXXX	4	H-193	\ --- /
vidrio		2	(B-415)/2 x H-211	

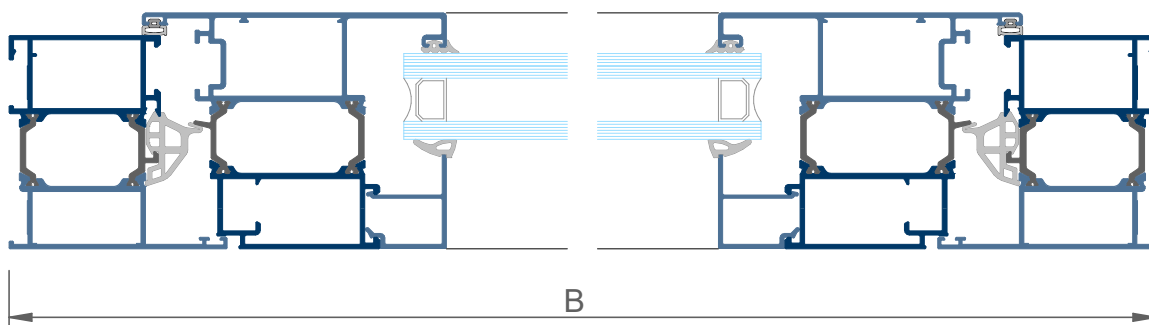
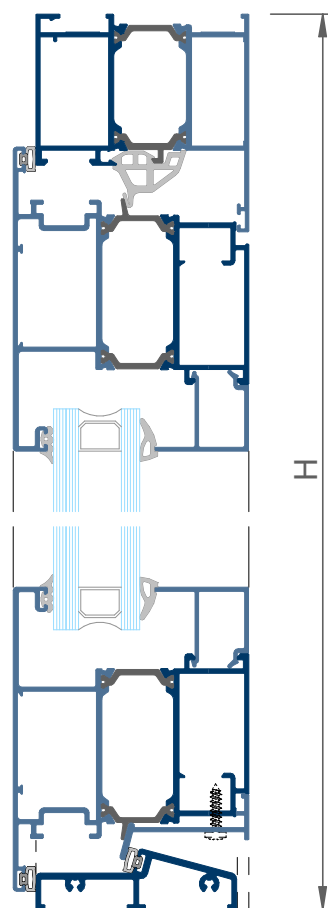


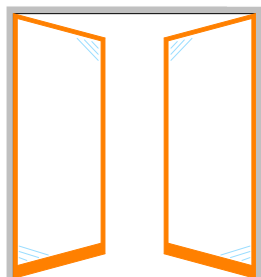


ACCESORIOS			UDS
escuadra marco	A000.2113		4
escuadra ext hoja	A000.2114		4
escuadra int hoja	A000.2110		4
escuadra alineación int hoja	A000.2132		4
ángulo esquina junta central	A000.2307		2
junta central	A000.2308		1B+2H
junta int hoja	A000.2320		3B+2H
junta ext acristalamiento	A000.2351		2B+2H
junta cuña int	A000.XXXX		2B+2H

para accesorios de maniobra consultar catálogo específico

FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4155	1	B	\ --- /
marco vertical	AR78.4155	2	H	- / \ -
hoja horizontal	AR78.4263	2	B-88	\ --- /
hoja vertical	AR78.4263	2	H-50	\ --- /
perfil hoja bajo puerta	A000.4010	1	B-123	---
perfil umbral bajo puerta	A000.4011	1	B-91	---
junquillo recto horizontal	A000.XXXX	2	B-245	---
junquillo elíptico horizontal	A000.XXXX	2	B-245	\ --- /
junquillo recto vertical	A000.XXXX	2	H-251	---
junquillo elíptico vertical	A000.XXXX	2	H-207	\ --- /
vidrio		1	B-262 x H-224	

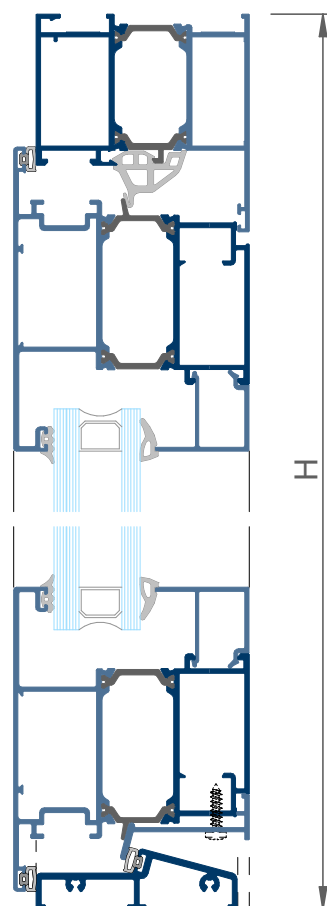




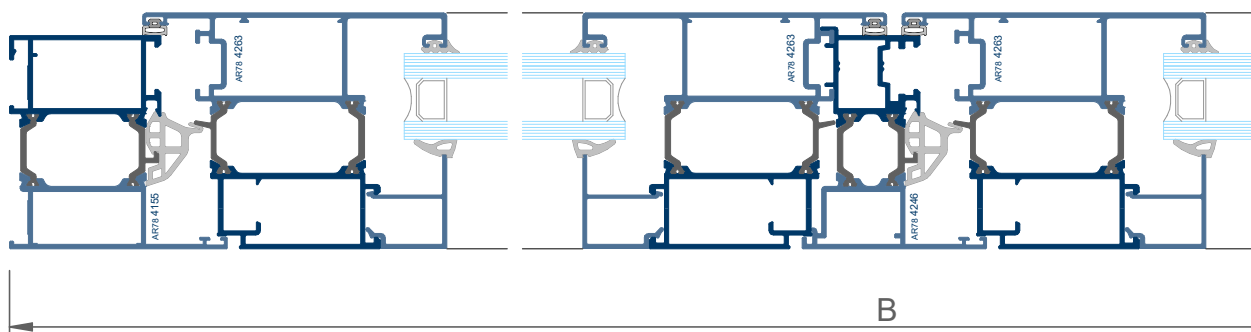
ACCESORIOS			UDS
escuadra marco	A000.2113		4
escuadra ext hoja	A000.2114		8
escuadra int hoja	A000.2110		8
escuadra alineación int hoja	A000.2132		8
ángulo esquina junta central	A000.2307		2
junta central	A000.2308	1B+3H	
junta int hoja	A000.2320	3B+4H	
junta ext acristalamiento	A000.2351	2B+4H	
junta cuña int	A000.XXXX	2B+4H	
juego tapas estanq central	A000.2340	1	
juego tapas estética central	A000.2342	1	

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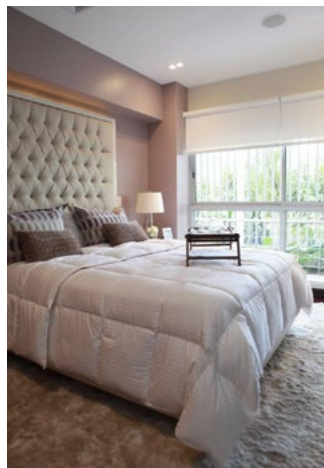
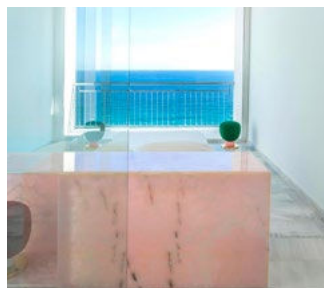
FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	AR78.4155	1	B	\ --- /
marco vertical	AR78.4155	2	H	- / \ -
hoja horizontal	AR78.4263	4	(B-93)/2	\ --- /
hoja vertical	AR78.4263	4	H-50	\ --- /
inversor doble hoja	AR78.4246	1	H-118	---
perfil hoja bajo puerta	A000.4010	1	(B-163)/2	---
perfil hoja bajo puerta	A000.4010	1	(B-92)/2	---
perfil umbral bajo puerta	A000.4011	1	B-91	---
junquillo recto horizontal	A000.XXXX	4	(B-407)/2	---
junquillo elíptico horizontal	A000.XXXX	4	(B-407)/2	\ --- /
junquillo recto vertical	A000.XXXX	4	H-251	---
junquillo elíptico vertical	A000.XXXX	4	H-207	\ --- /
vidrio		2	(B-440)/2 x H-224	



H



B





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