

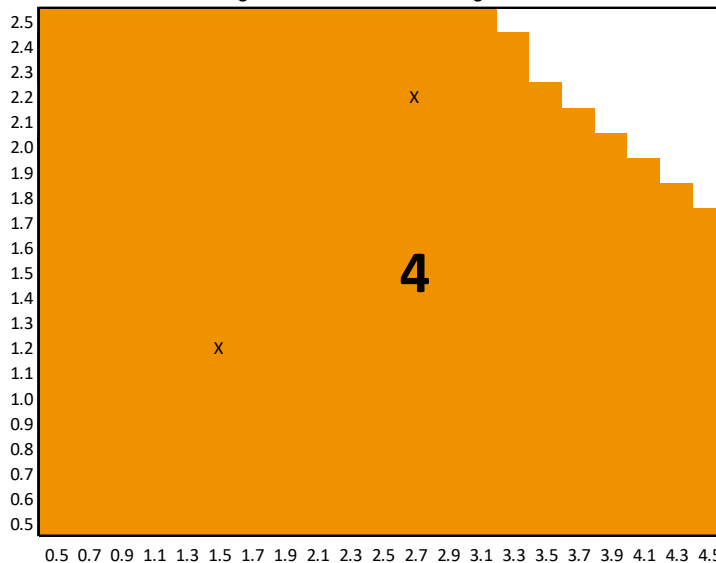
THERMIA® CR46 MAGNA

Serie para ventanas correderas con RPT

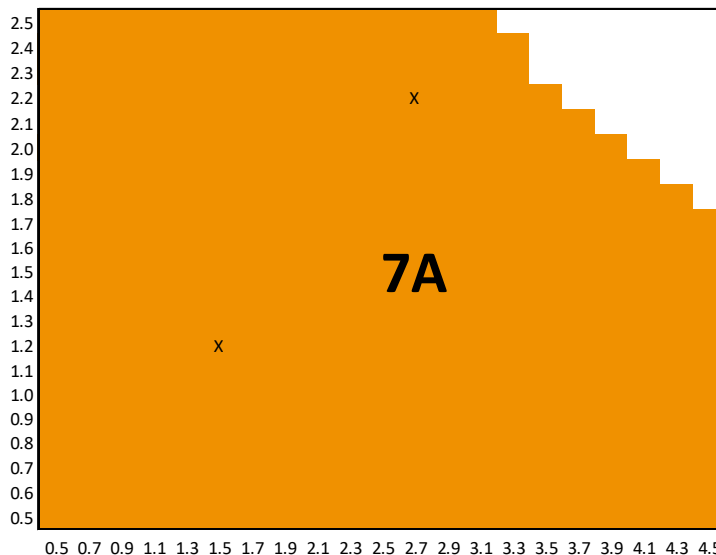


Ventanas para vivir mejor

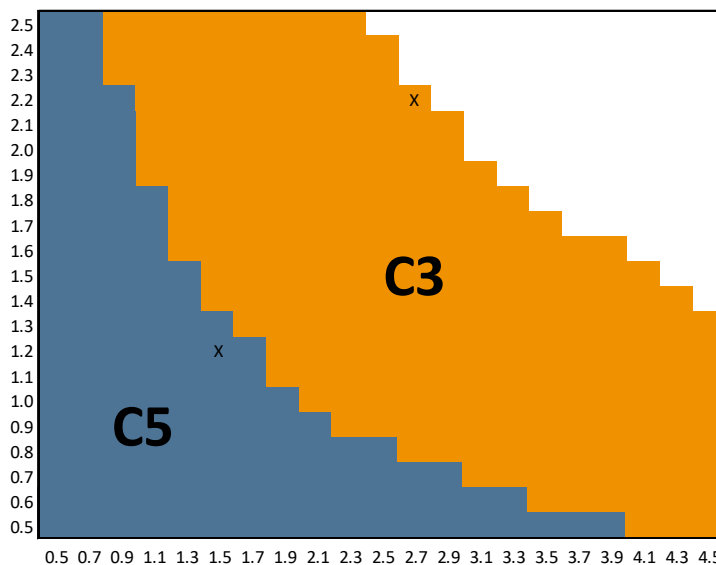
PERMEABILIDAD AL AIRE según EN 12207 - Marcado CE según EN 14351-1:2006+A2:2016



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

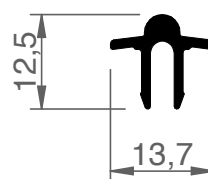


RESISTENCIA AL VIENTO según EN 12210 - Marcado CE según EN 14351-1:2006+A2:2016

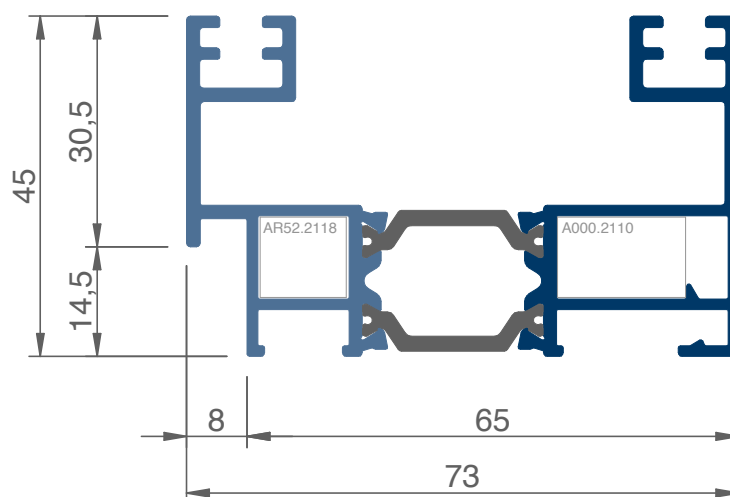


Resultados obtenidos de los informes según ensayos en laboratorio ENSATEC, documento N° 250712 y en base al Anexo de la norma EN 14351-1:2006+A2:2016

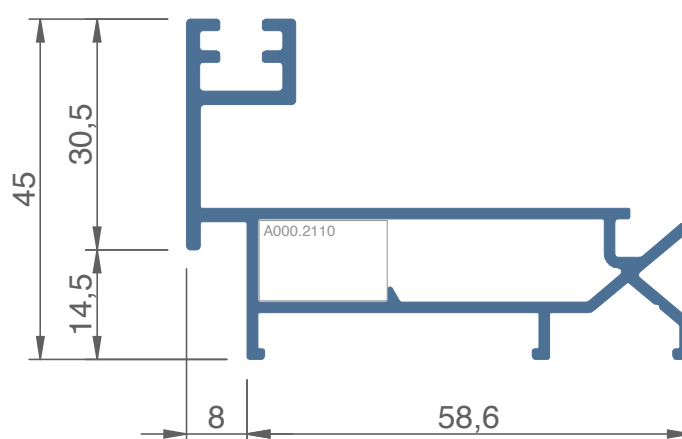
Diseño
Confort
Silencio



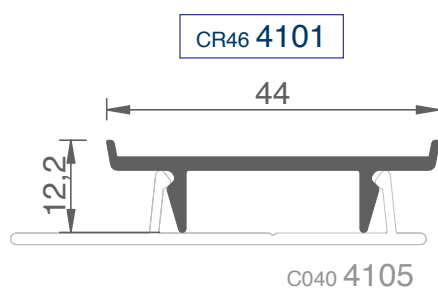
CR46 4100



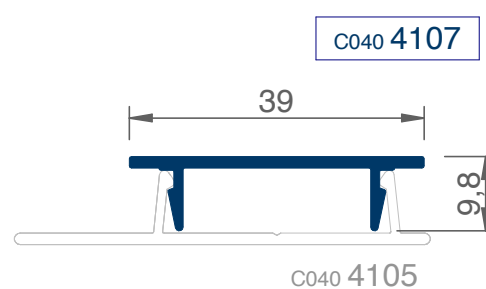
CR46 4110



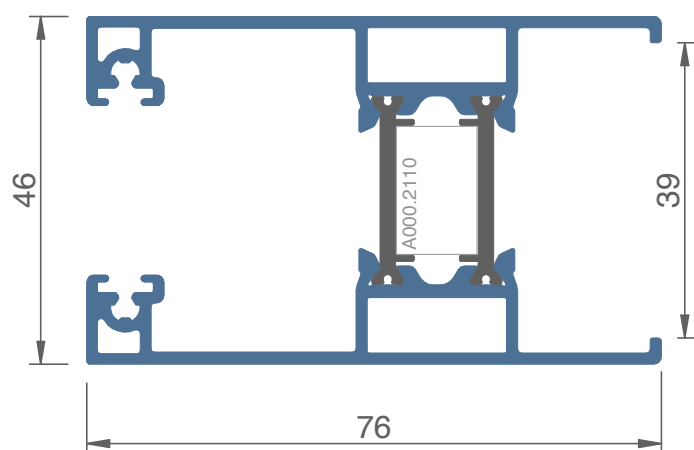
CR46 4130



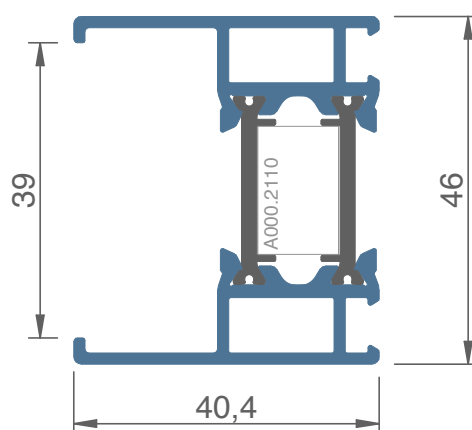
CR46 4101



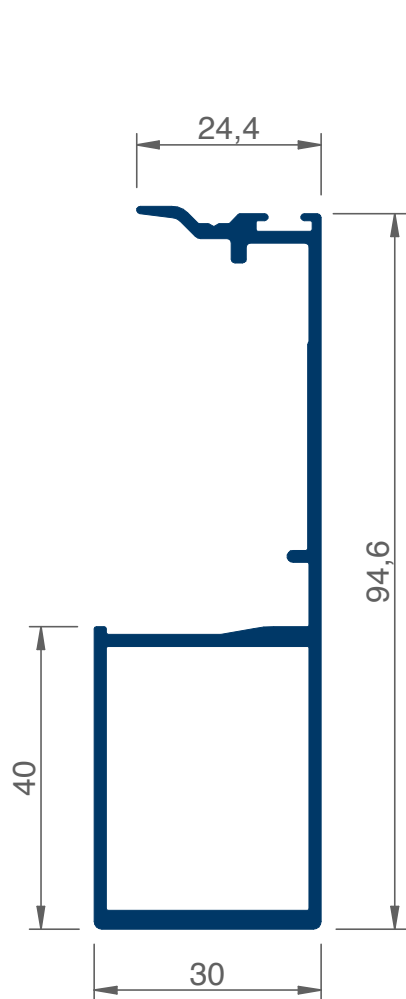
C040 4107



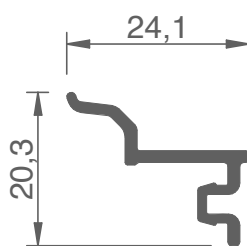
CR46 4220



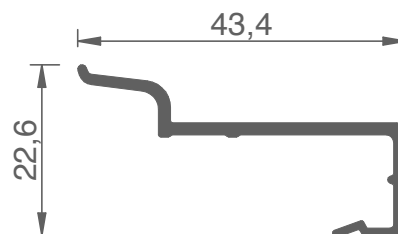
CR46 4222



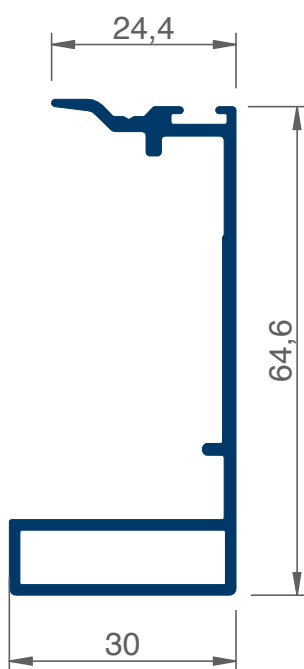
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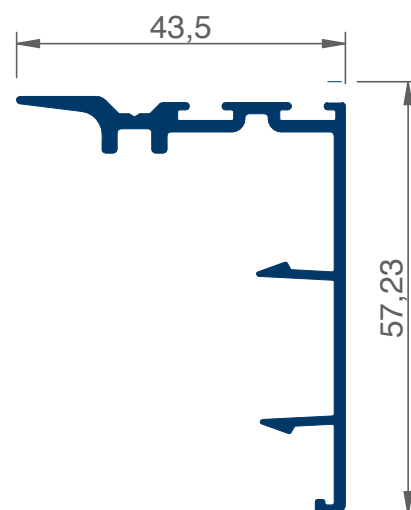
CR46 4203



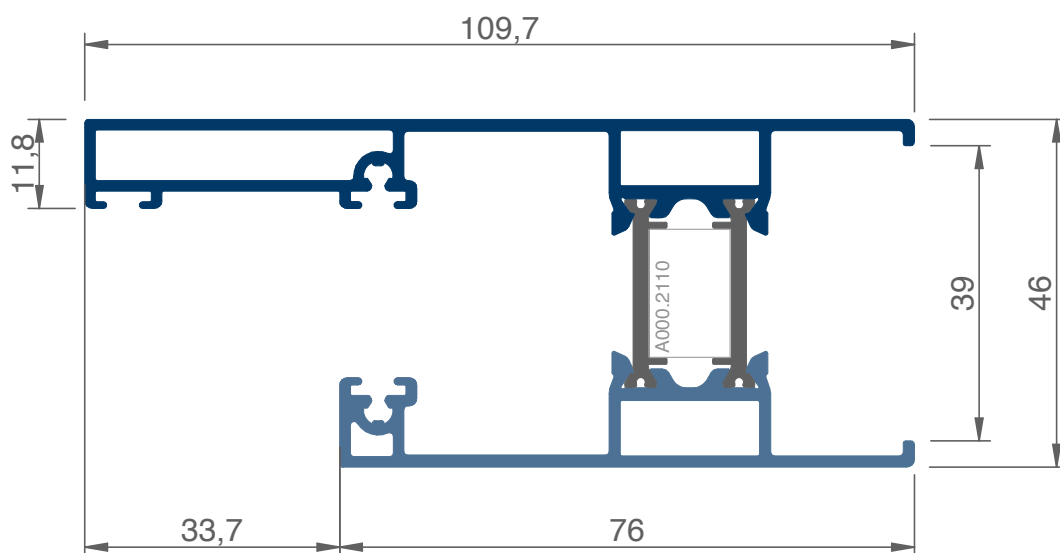
CR46 4205



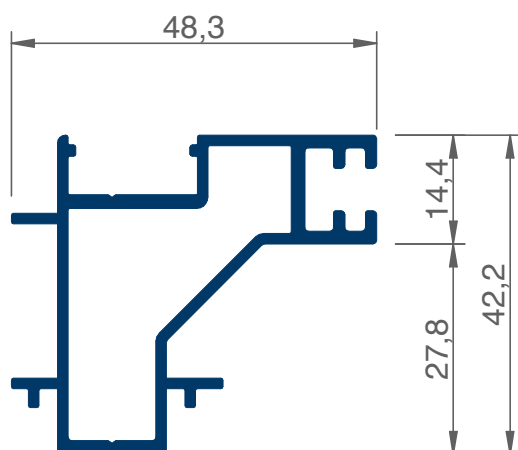
CR46 4201



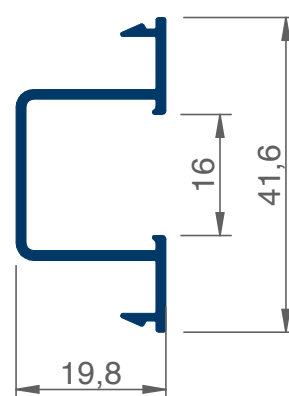
CR46 4206



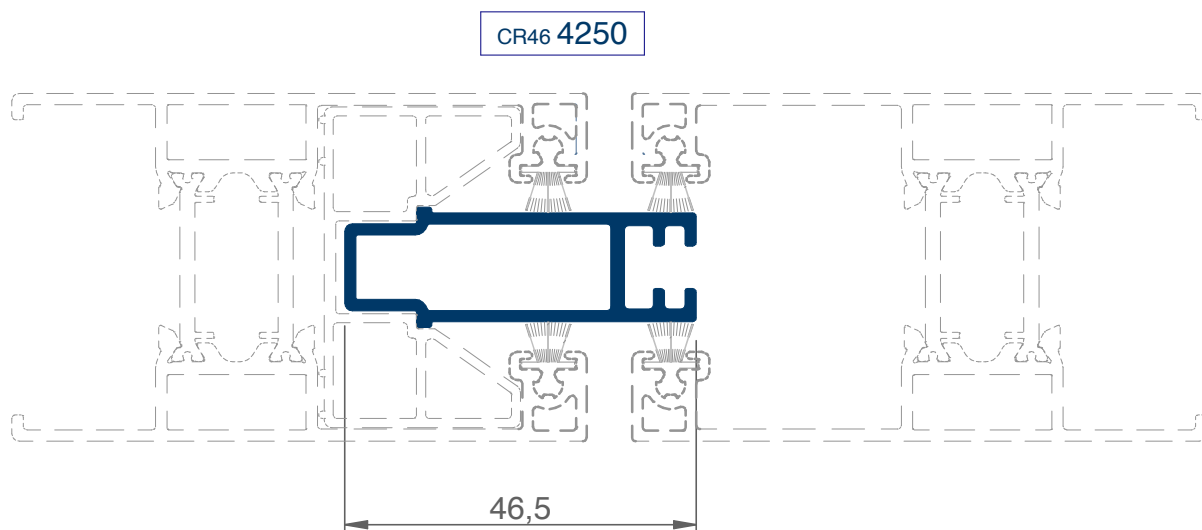
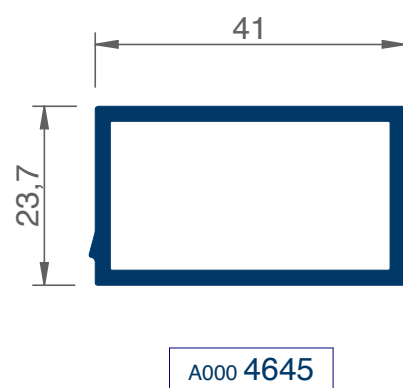
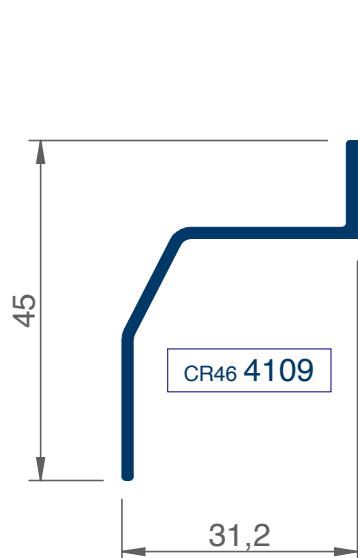
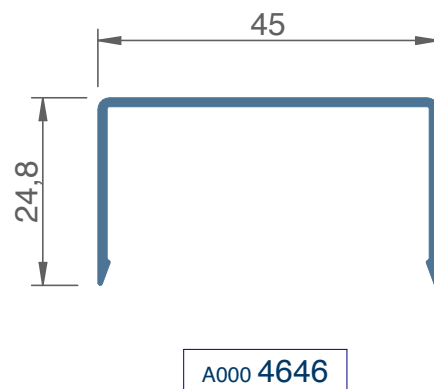
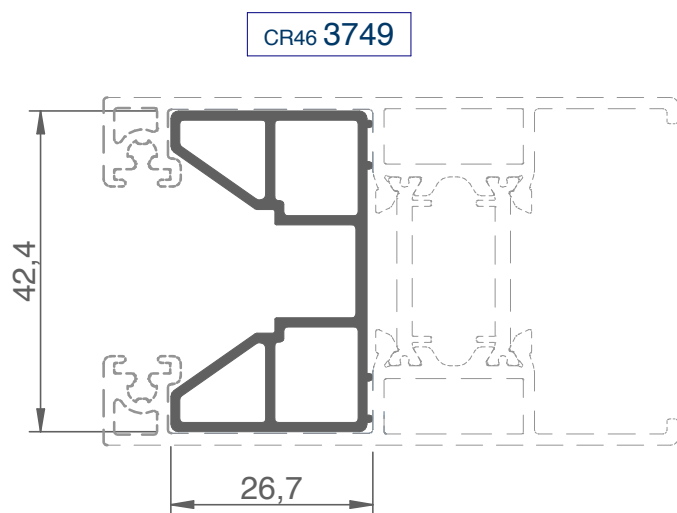
CR46 4254

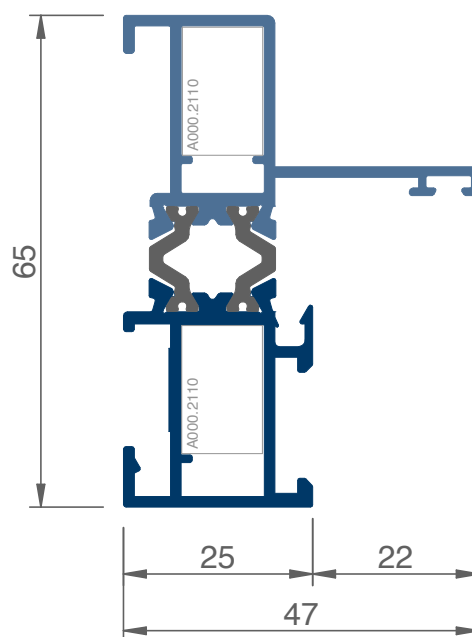


CR46 4251

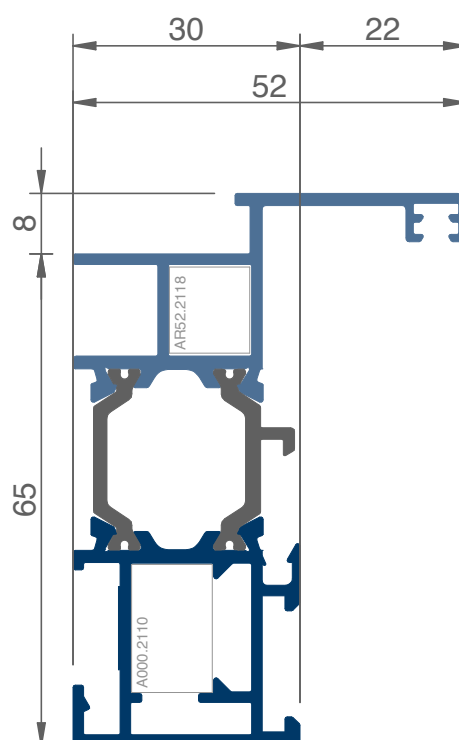


CR46 4214



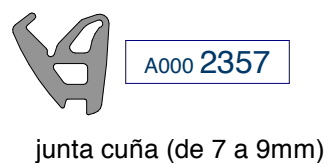
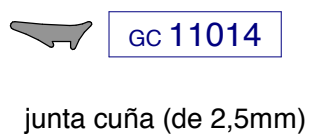
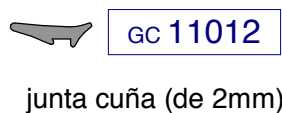
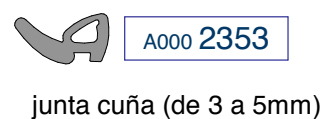
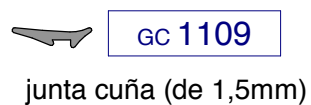
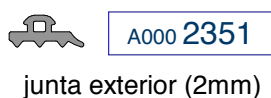
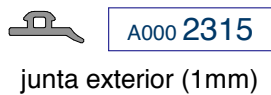
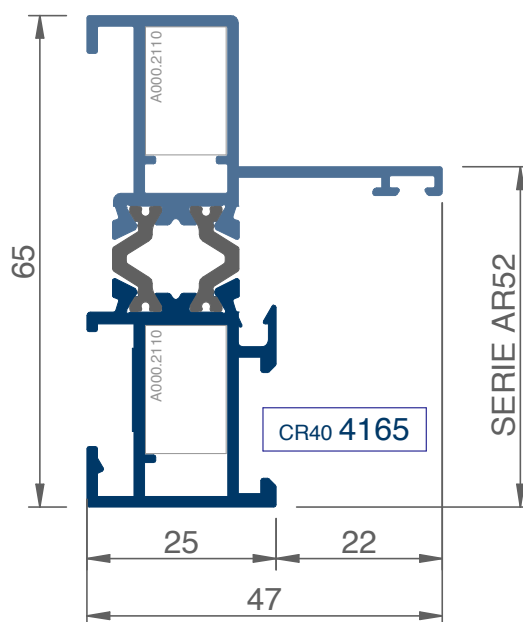
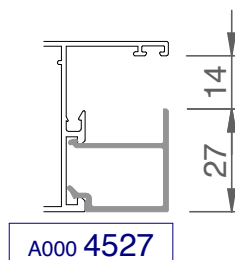
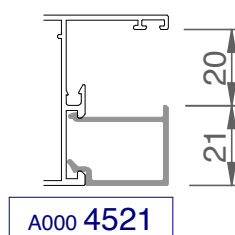
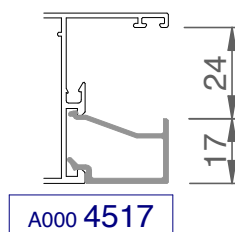
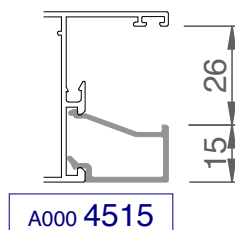
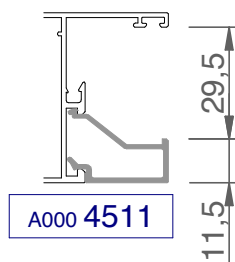
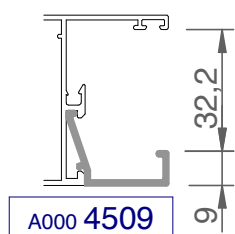


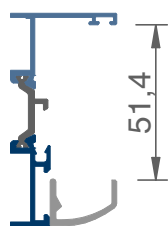
CR40 4165



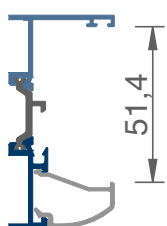
AR78 4165

Diseño
Confort
Silencio

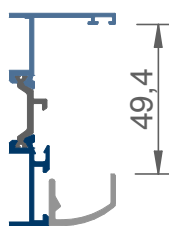




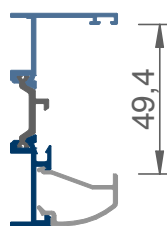
A000 4516



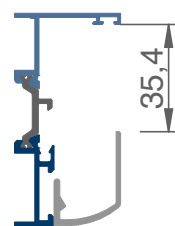
A000 4512



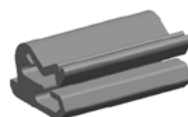
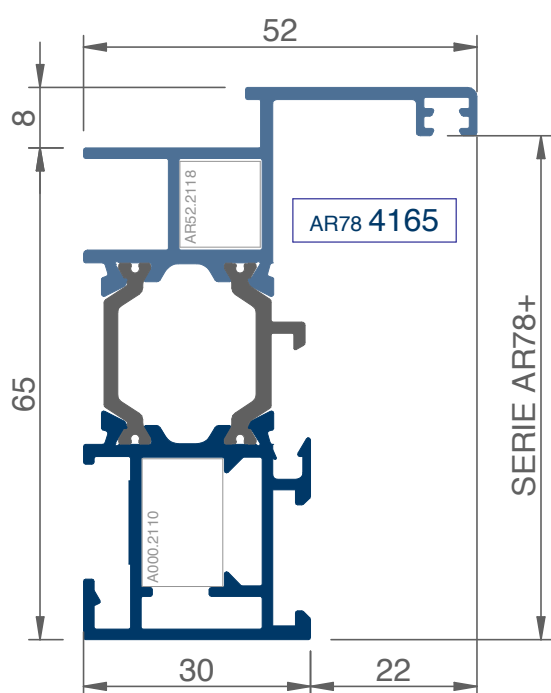
A000 4518



A000 4519



A000 4532



A000 2102

grapa junquillos
elípticos



A000 2315

junta exterior (1mm)



A000 2351

junta exterior (2mm)



A000 2352

junta exterior (6mm)



GC 1109

junta cuña (1,5mm)



GC 11012

junta cuña (2mm)



GC 11014

junta cuña (2,5mm)



A000 2353

junta cuña (3 a 5mm)



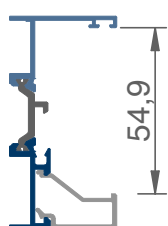
A000 2355

junta cuña (5 a 7mm)

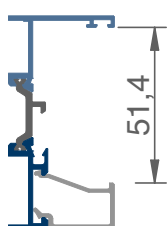


A000 2357

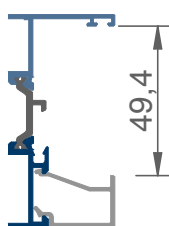
junta cuña (7 a 9mm)



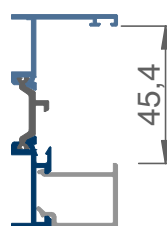
A000 4511



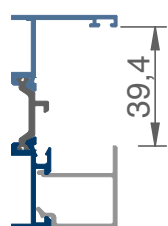
A000 4515



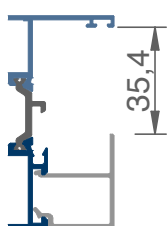
A000 4517



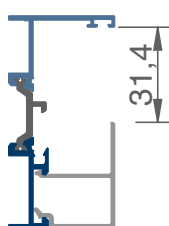
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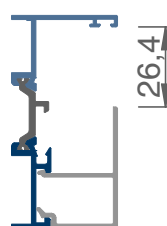
A000 4527



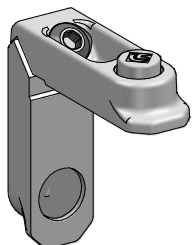
A000 4531



A000 4535

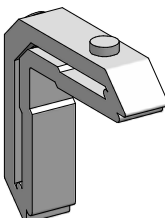


A000 4539



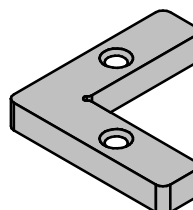
A000 **2110**

escuadra pivotes
17,2 x 11



AR52 **2118**

escuadra bloqueo
12,1 x 11



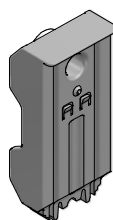
A00K **2110**

escuadra marco
kiss 2110



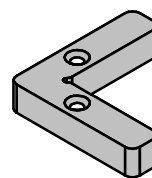
A000 **2300**

tapón deflector
con lámina



CR46 **2312**

tope final de carrera
y antielevación



A00K **2112**

escuadra marco
kiss 2112



CR46 **2301**

junta ranura marco



CF31 **2352**

junta tapa canal kiss



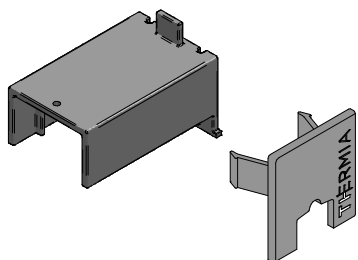
A000 **2370**

junta estanqueidad



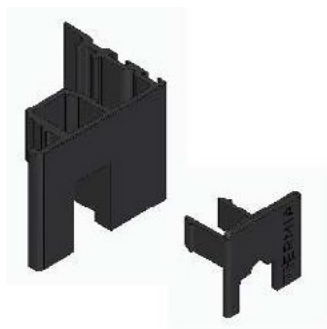
A000 **2377**

junta estanqueidad
7x7 fin-seal



CR46 2311

kit terminal
cruce para
CR464201 / 02



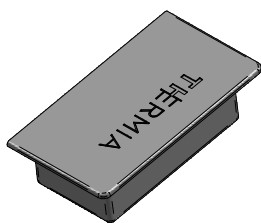
CR46 2313

juego piezas terminal
cruce perimetral



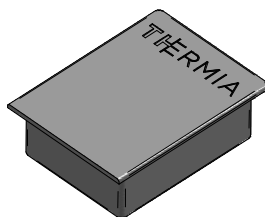
CR46 2303

tapón cruce
CR464201



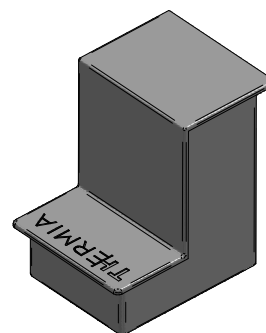
A000 2303

tapón terminal
para A0004645



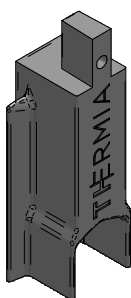
CR46 2302

tapón cruce
CR464202



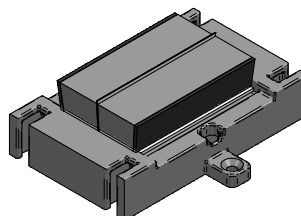
CR46 2304

tapón cruce
CR464202
(marco multicarril)



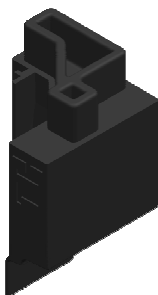
CR46 2350

pieza terminal hojas
encuentro en línea



CR46 2317

cortavientos
estanquidad



CR46 2351

tope inferior kiss 90°



CR46 2352

tope superior kiss 90°



CR46 0860

tornillo fijacion
CR464201



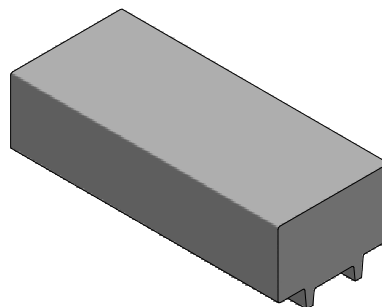
CR46 0870

tornillo fijacion
CR464202



CR46 3784

rueda tándem regulable
Pabose / (200 kg/hoja)



CR46 2331

soporte hoja fija



CR46 3786

rueda tandem regulable
(300 kg/hoja)

Cierres multipuntos
(con anti-falsa maniobra)

CR40 3745

multipunto (1 pto) long 260

CR40 3746

multipunto (2 pto) long 670

CR40 3744

multipunto (3 pto) long 1170

CR40 3748

multipunto (4 pto) long 1530

Tabla de aplicación				
ref multipunto	CR403745	CR403746	CR403744	CR403748
H min hoja	515 mm	930 mm	1430 mm	1790 mm
admite cerradura	no	si	si	si
admite prolongador	si	si	si	si
puntos de cierre	1	2	3	4
cerradero	CR463712 (1uds)	CR463712 (2uds)	CR463712 (3uds)	CR463712 (4uds)
cremona	A000xxxx (1 ud)	A000xxxx (1 ud)	A000xxxx (1 ud)	A000xxxx (1 ud)
H min cremona	178 mm	500 mm	650 mm	935 mm
pieza fijacion	CR463701 (2 ud)	CR463701 (3 ud)	CR463701 (4 ud)	CR463701 (5 ud)
pieza apoyo herraje	CR463748 (2 ud)	CR463748 (3 ud)	CR463748 (4 ud)	CR463748 (5 ud)

CR40 3740

prolongador (1 pto)
long 500

CR46 3712

cerradero marco

CR40 3749

kit cerradura
(sin cilindro)

CR40 3700

plantilla ajuste cerradero



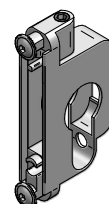
CR46 3748

calzo base
multipunto

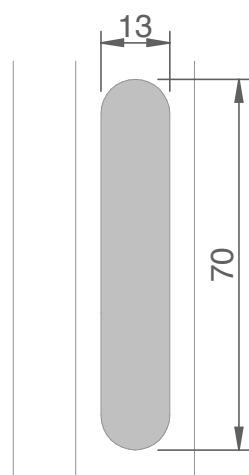
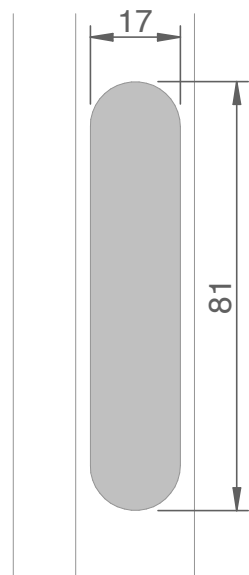
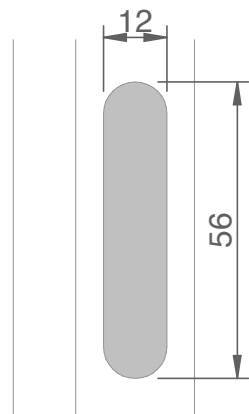
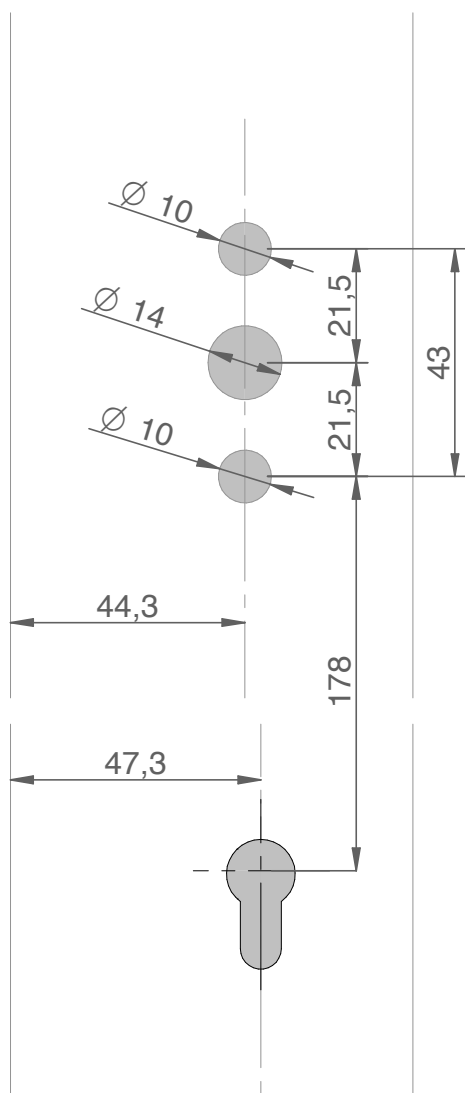
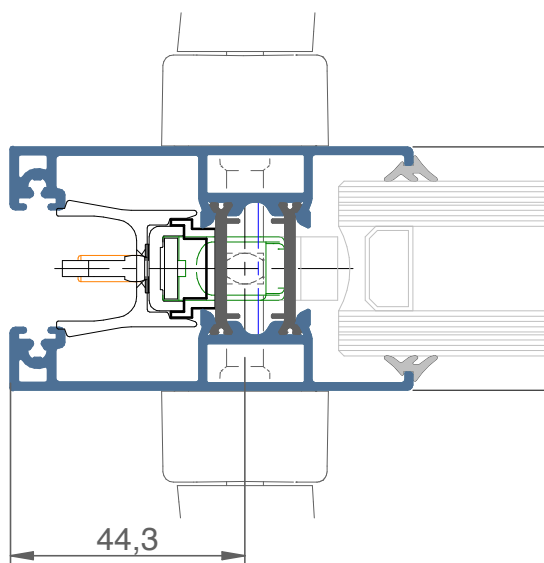


CR46 3701

pieza fijación
multipunto



Mecanizado hoja



Cierres multipuntos
(tradicionales E 7,5)

A000 3745 mult (1 pto) long 245

A000 37461 mult (2 pto) long 600

A000 37471 mult (2 pto) long 1000

A000 3748 mult (3 pto) long 1600

A000 37481 mult (3 pto) long 1800

Cierres multipuntos
(tradicionales E 15)

A000 37473 mult (3 pto) con llave
long 1800

Cierres multipuntos
(tradicionales INOX)

A000 37450X mult (1 pto) long 270

A000 37460X mult (2 pto) long 600

A000 37470X mult (2 pto) long 1000

A000 37480X mult (3 pto) long 1800

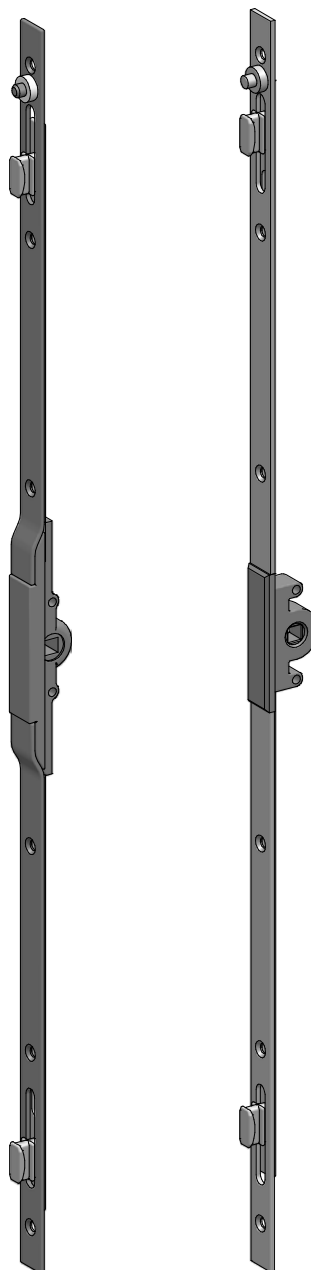
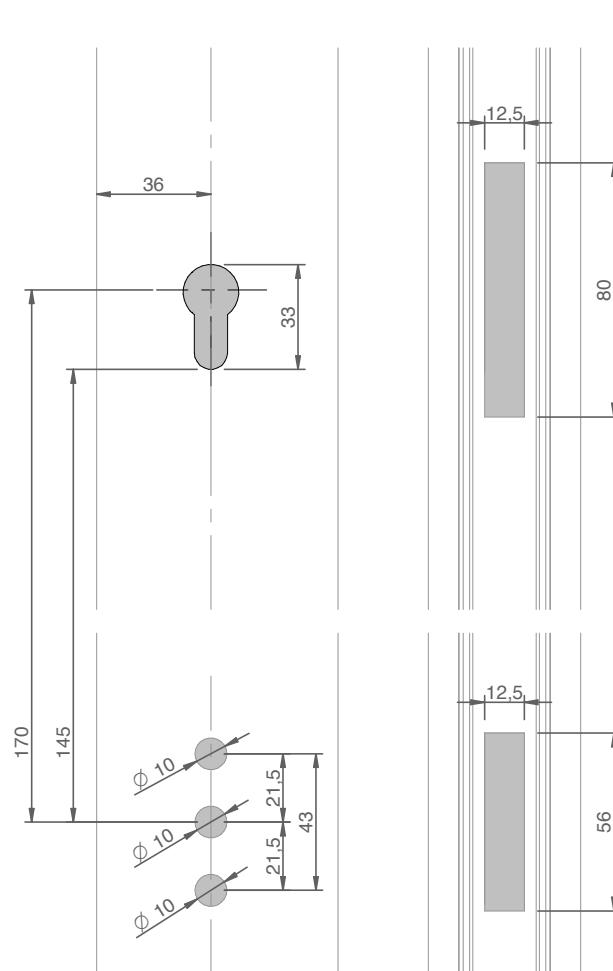
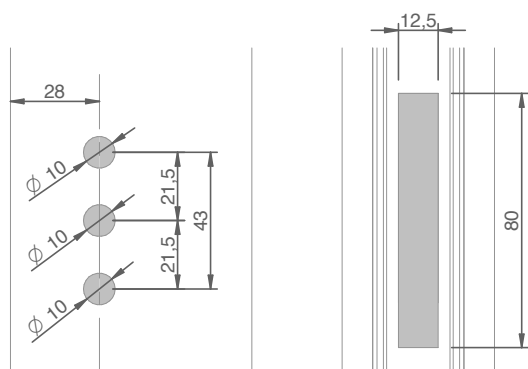
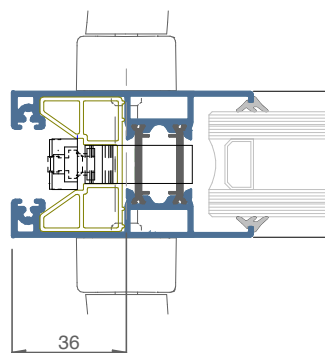
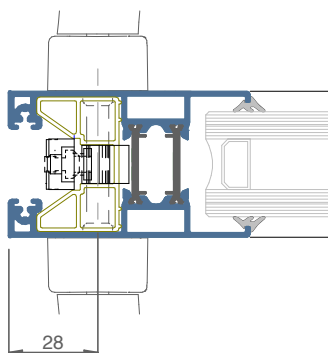
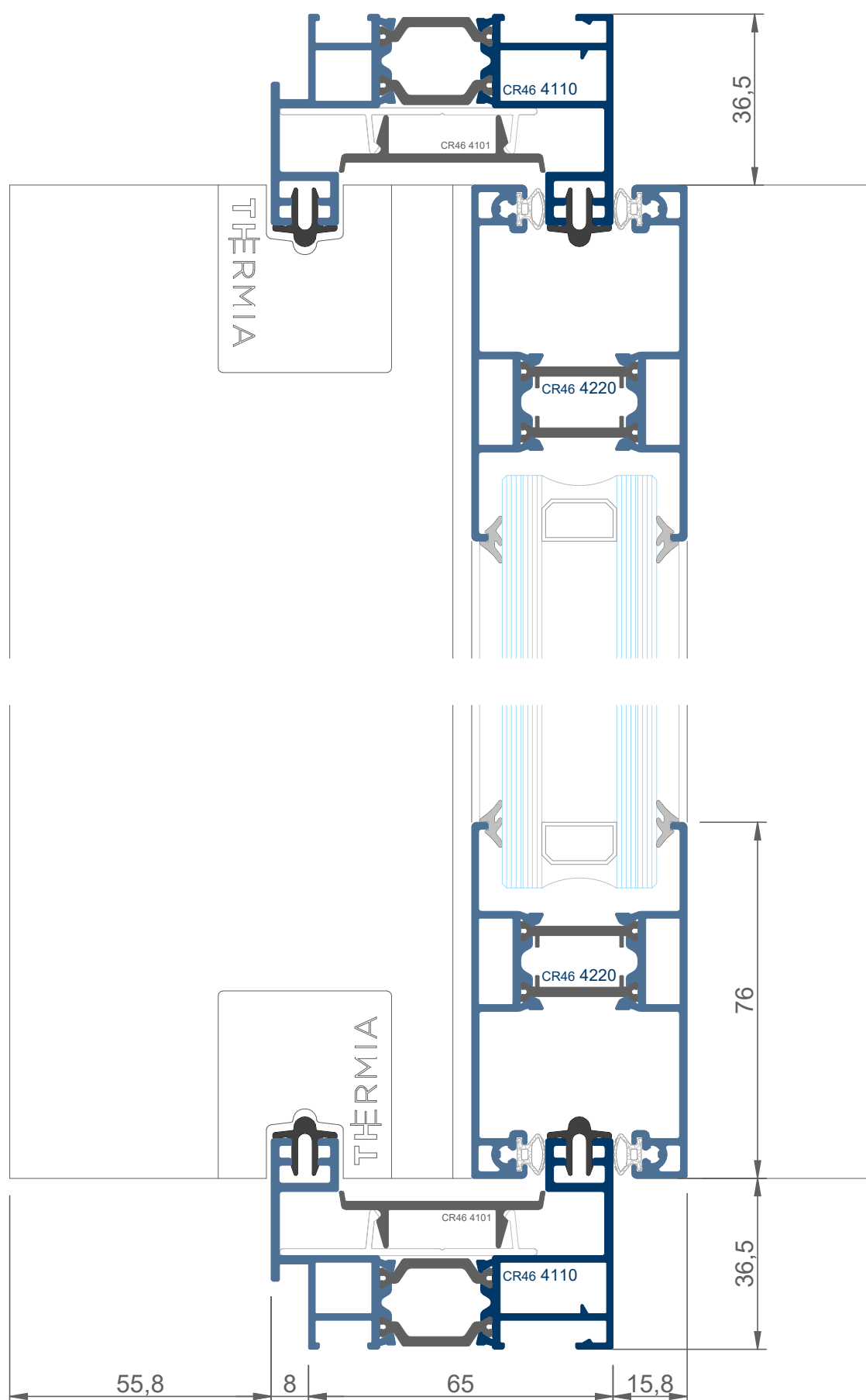


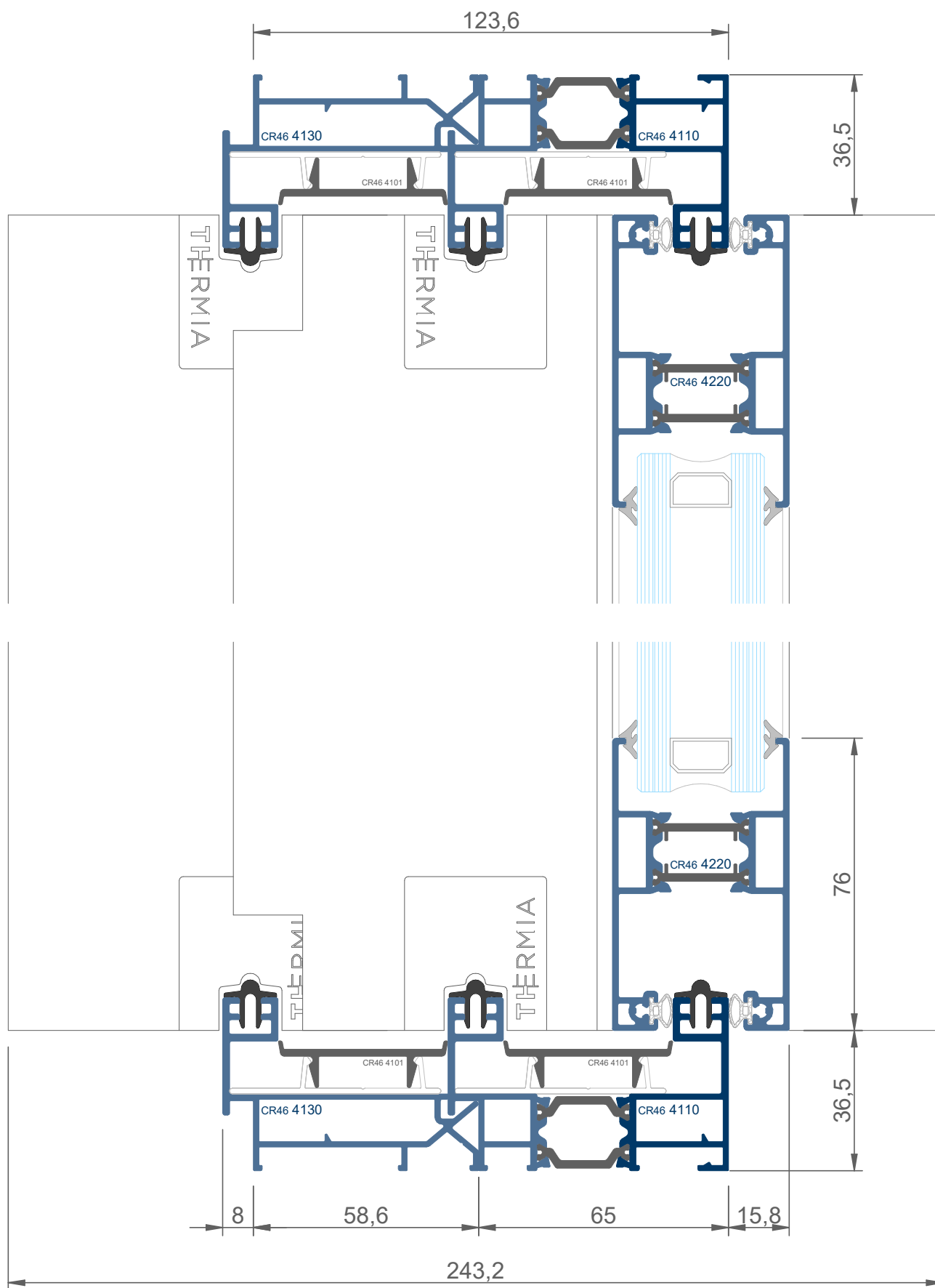
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alt minima corred	1000	1400	2200	2200
herraje entrada 7,5	A000 3746	A000 3747	A000 3748	A000 37481
herraje entrada 15				A000 37473
puntos de cierre	2	2	3	3

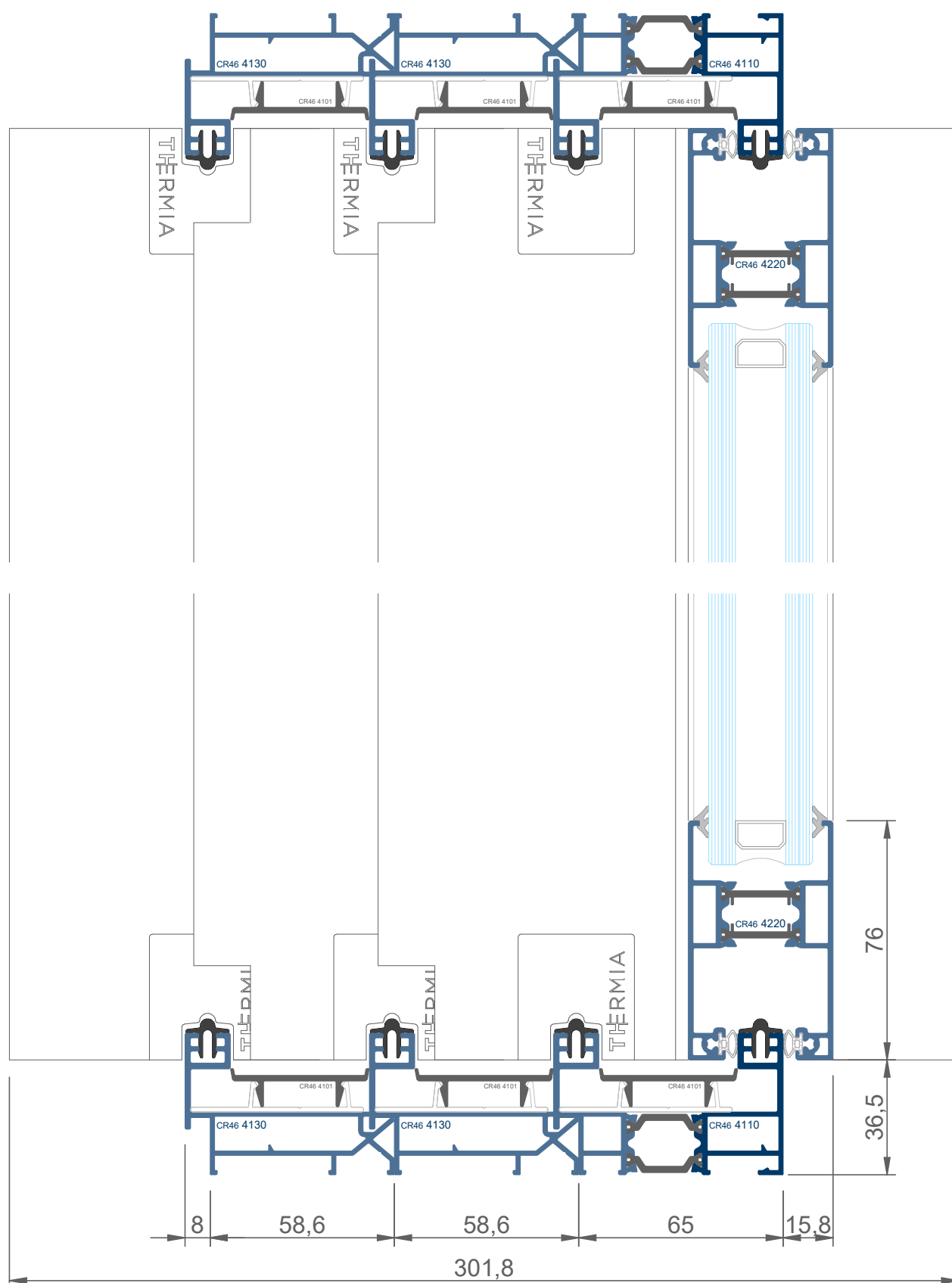
Mecanizado hoja

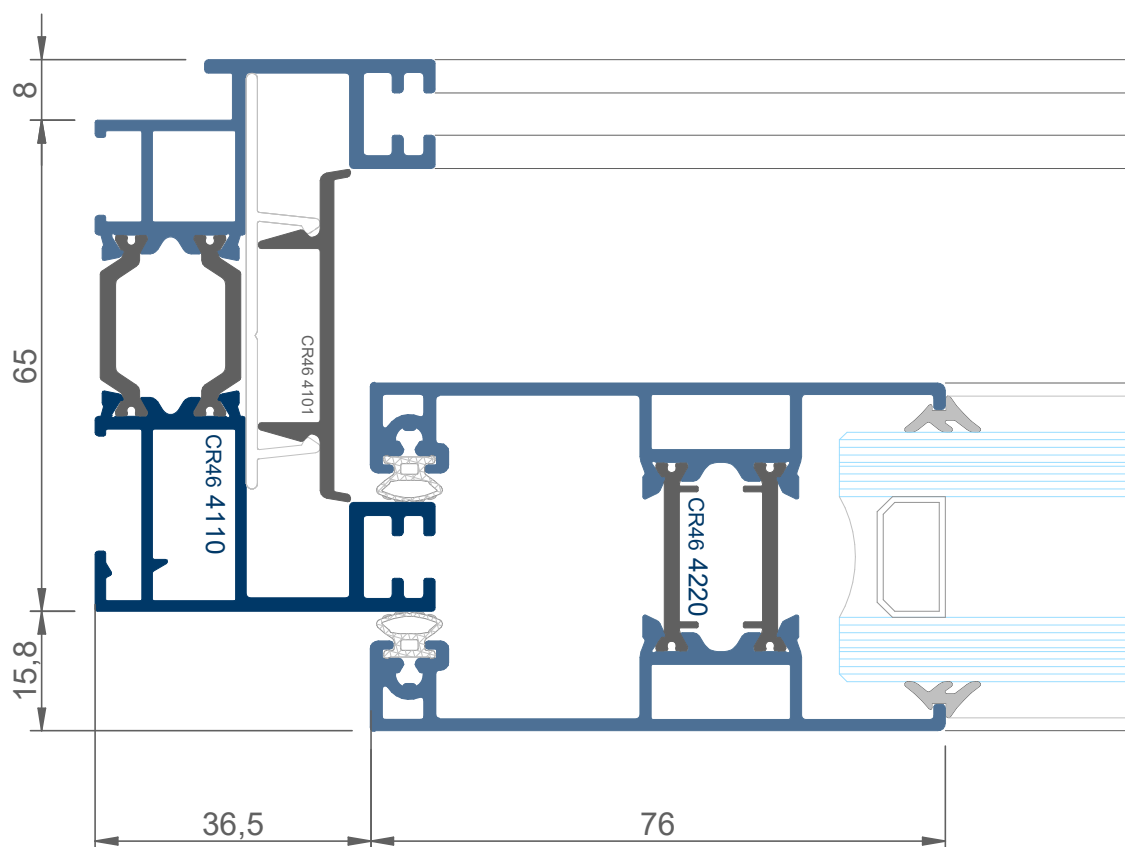


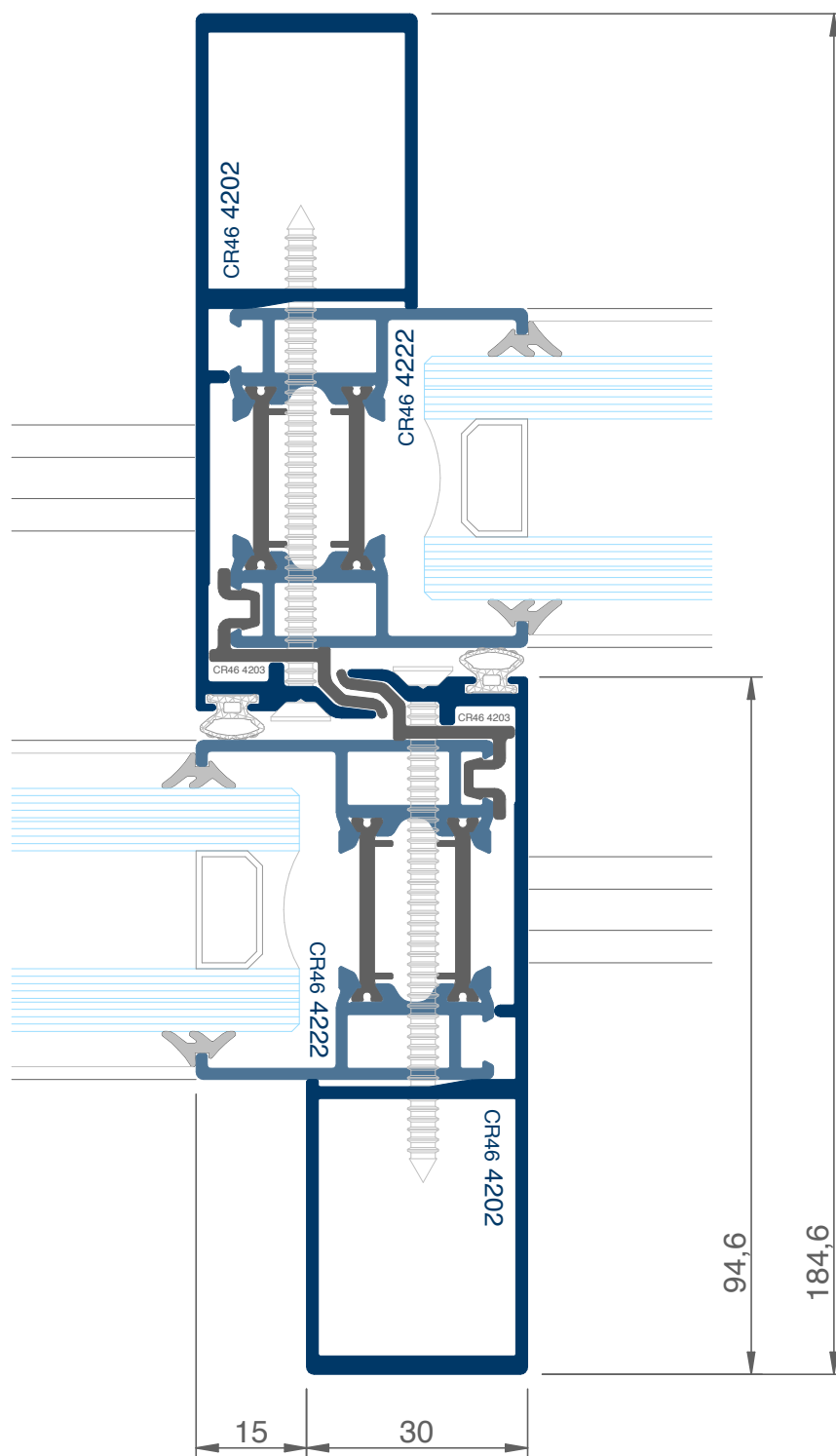
Diseño
Confort
Silencio

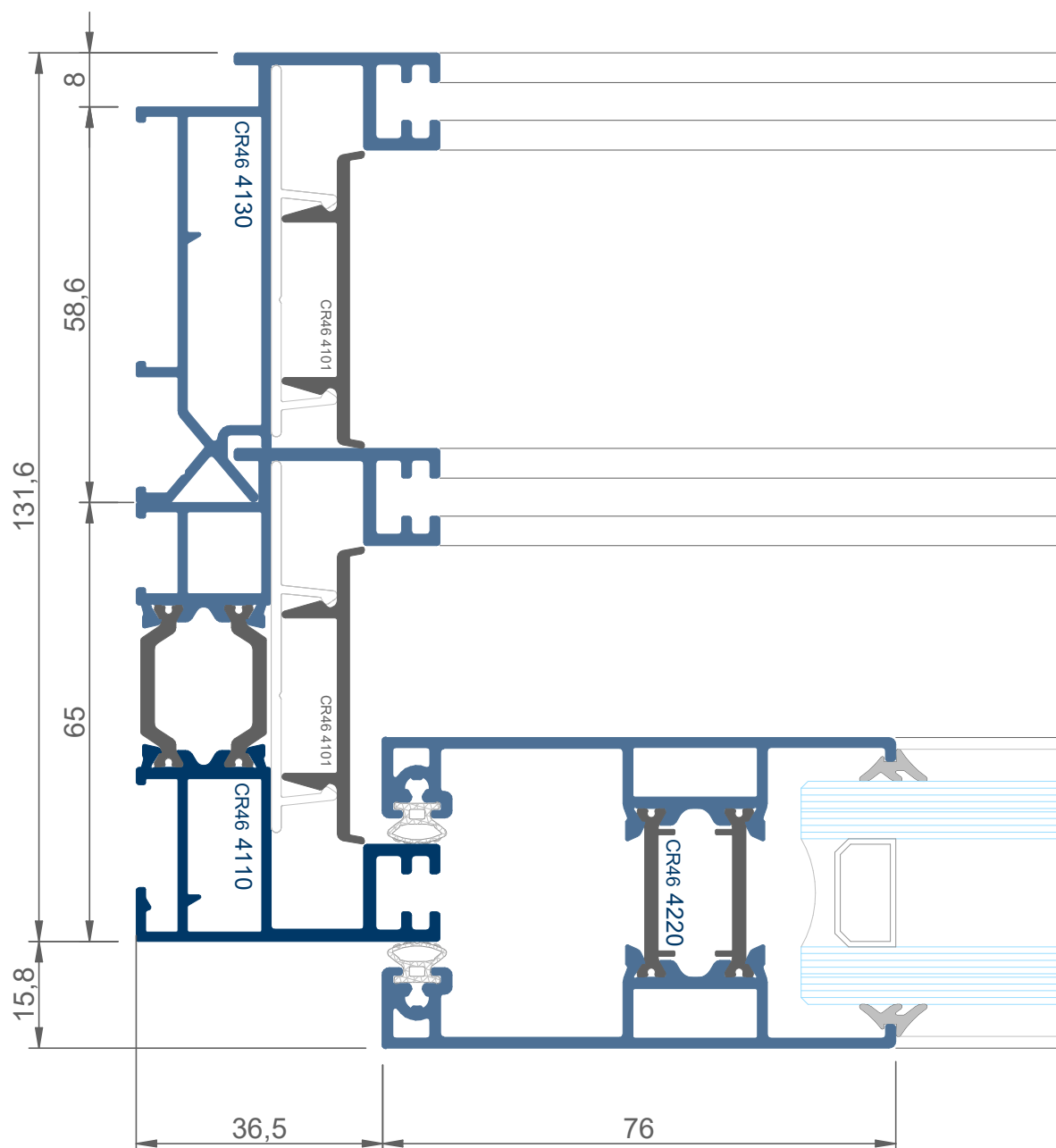


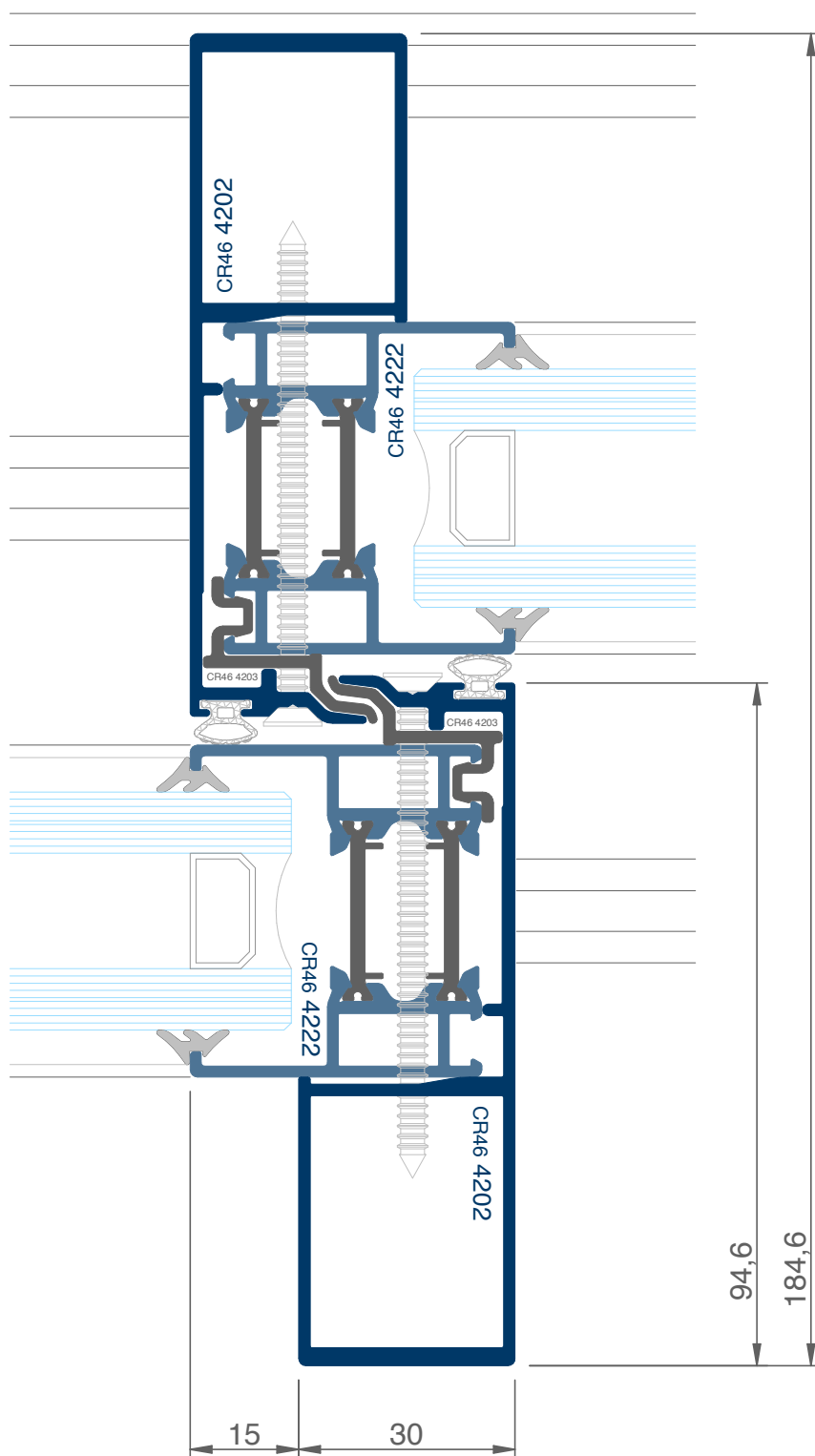


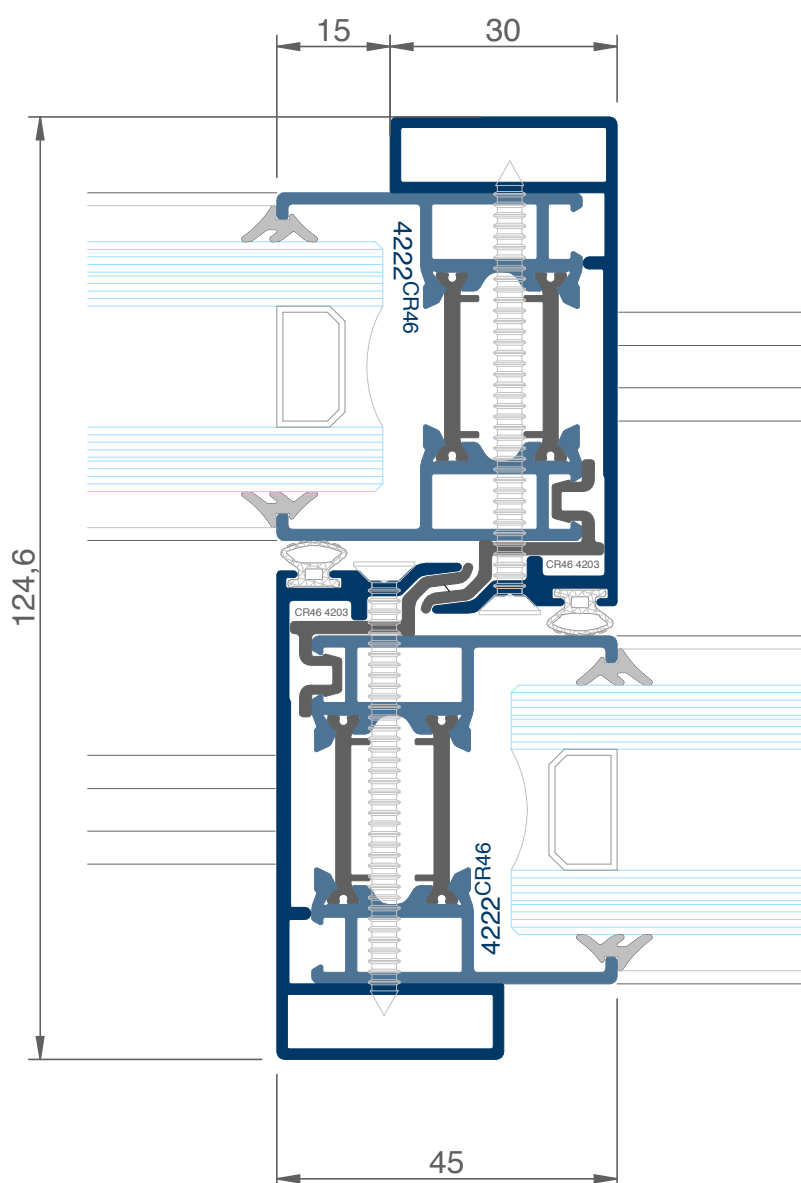


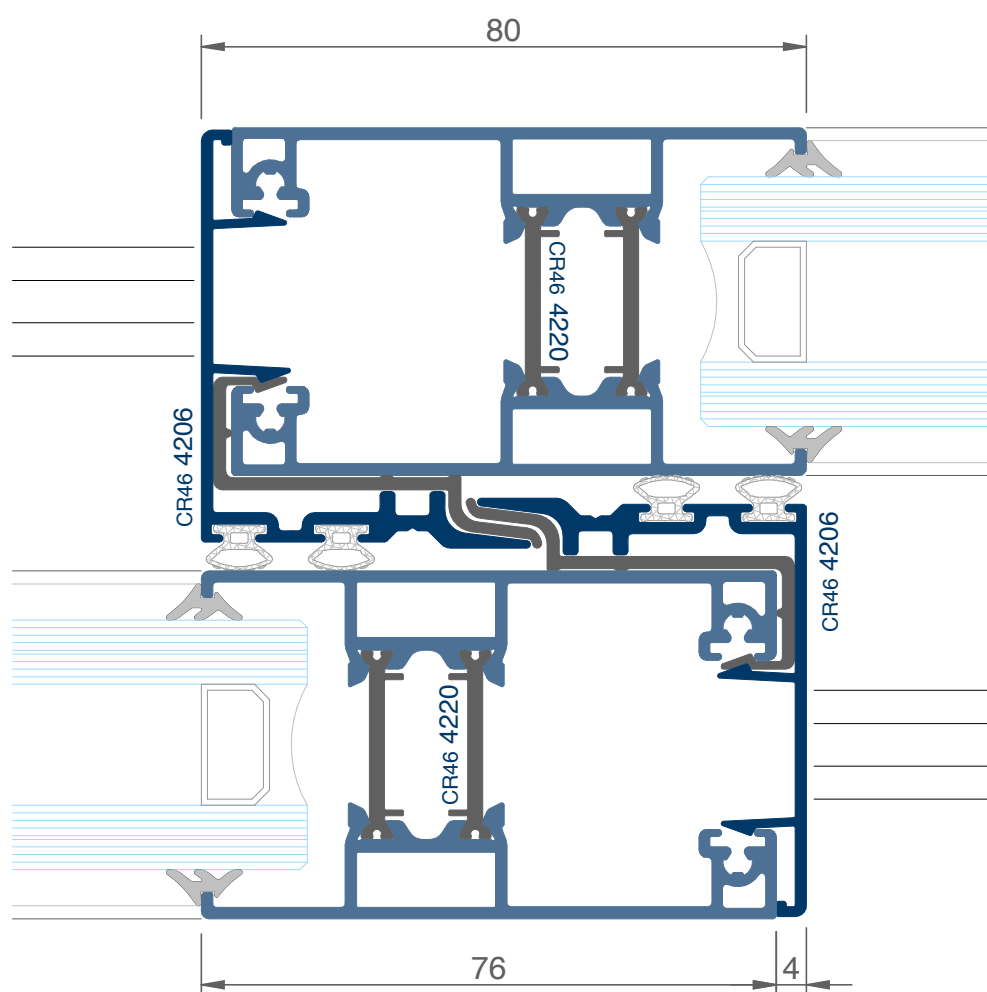


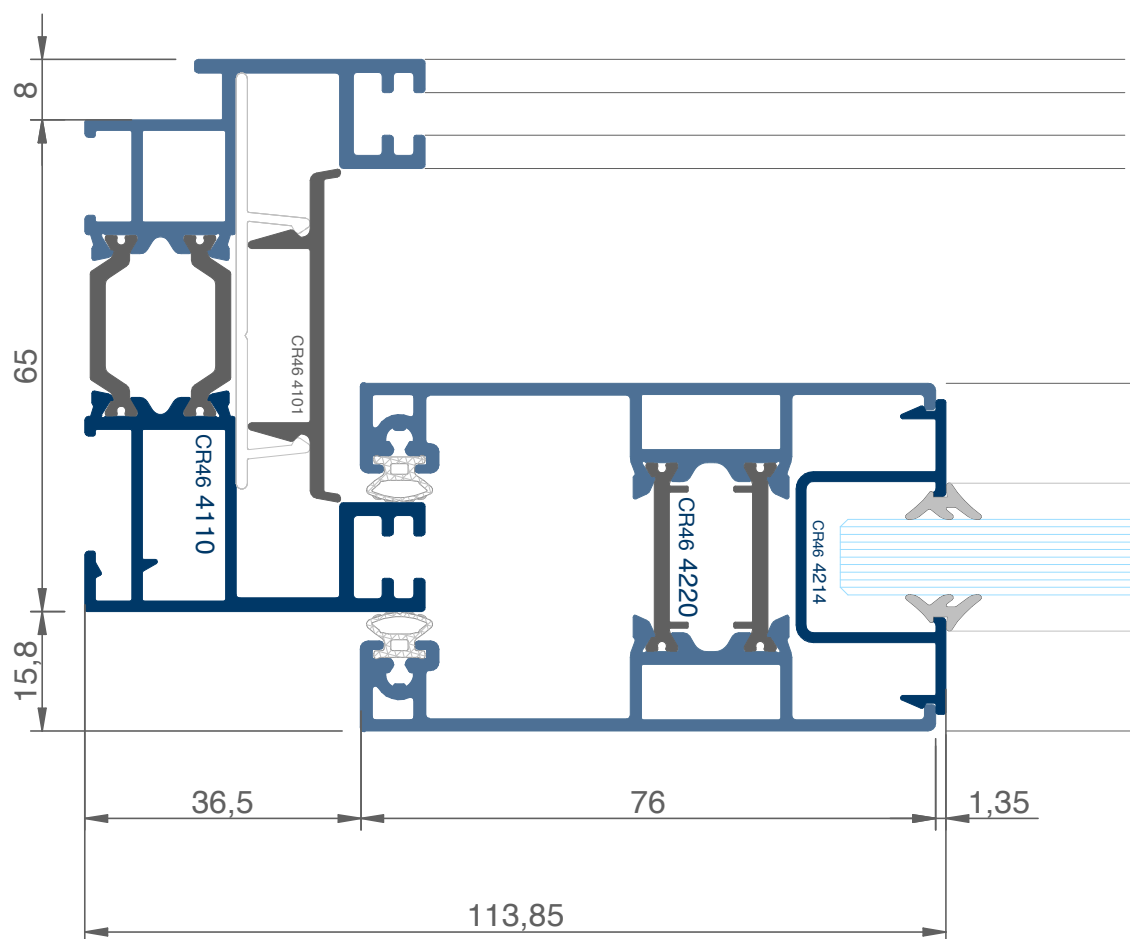


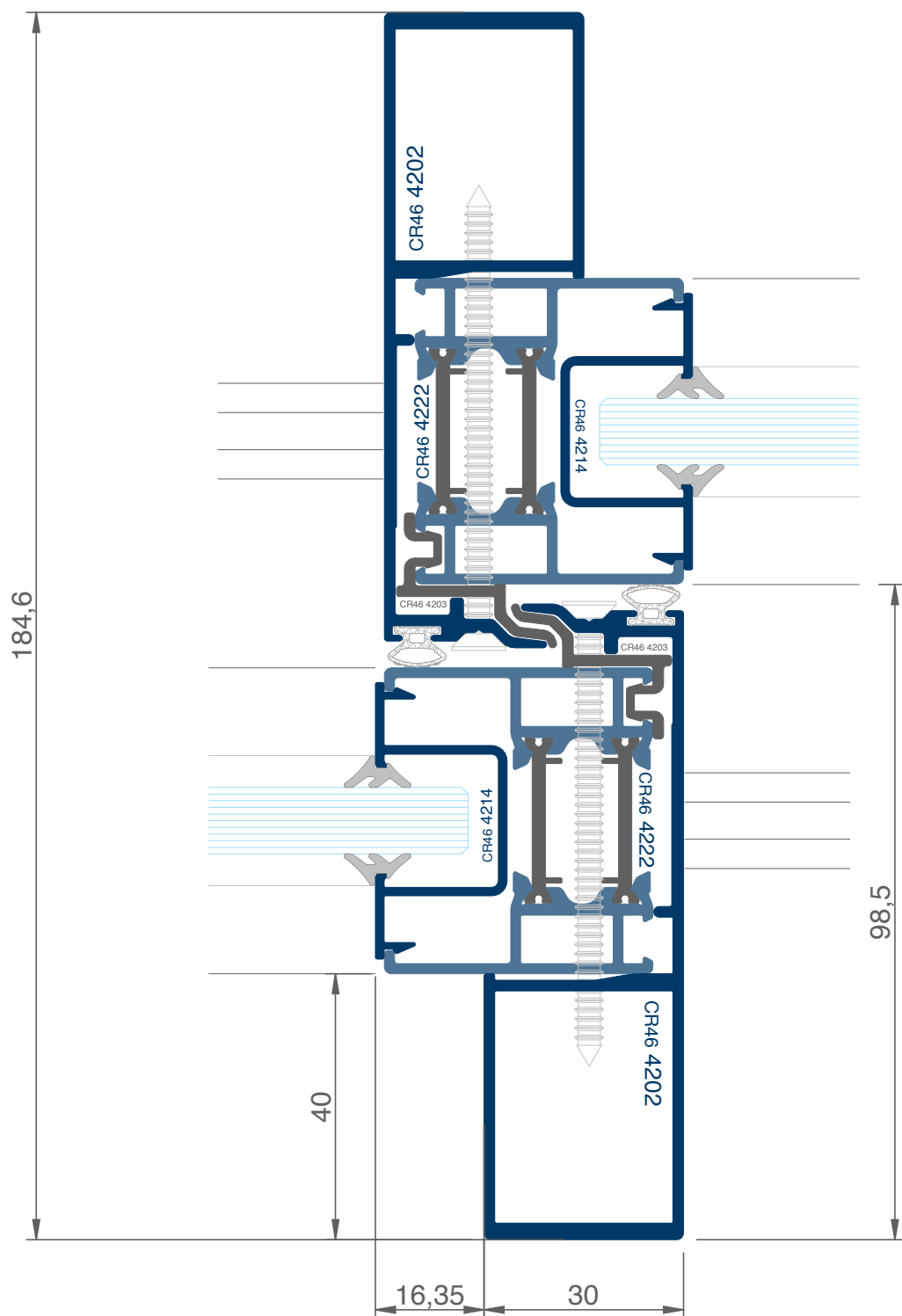


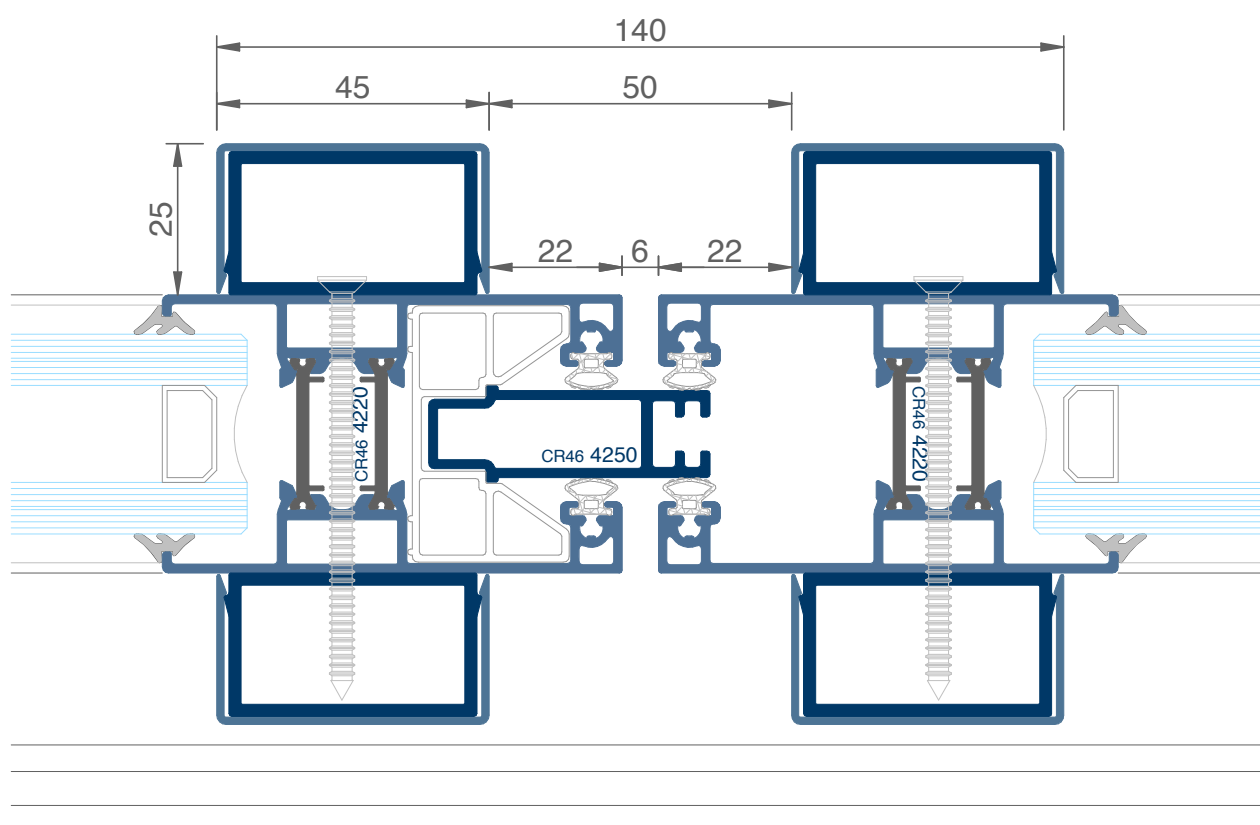


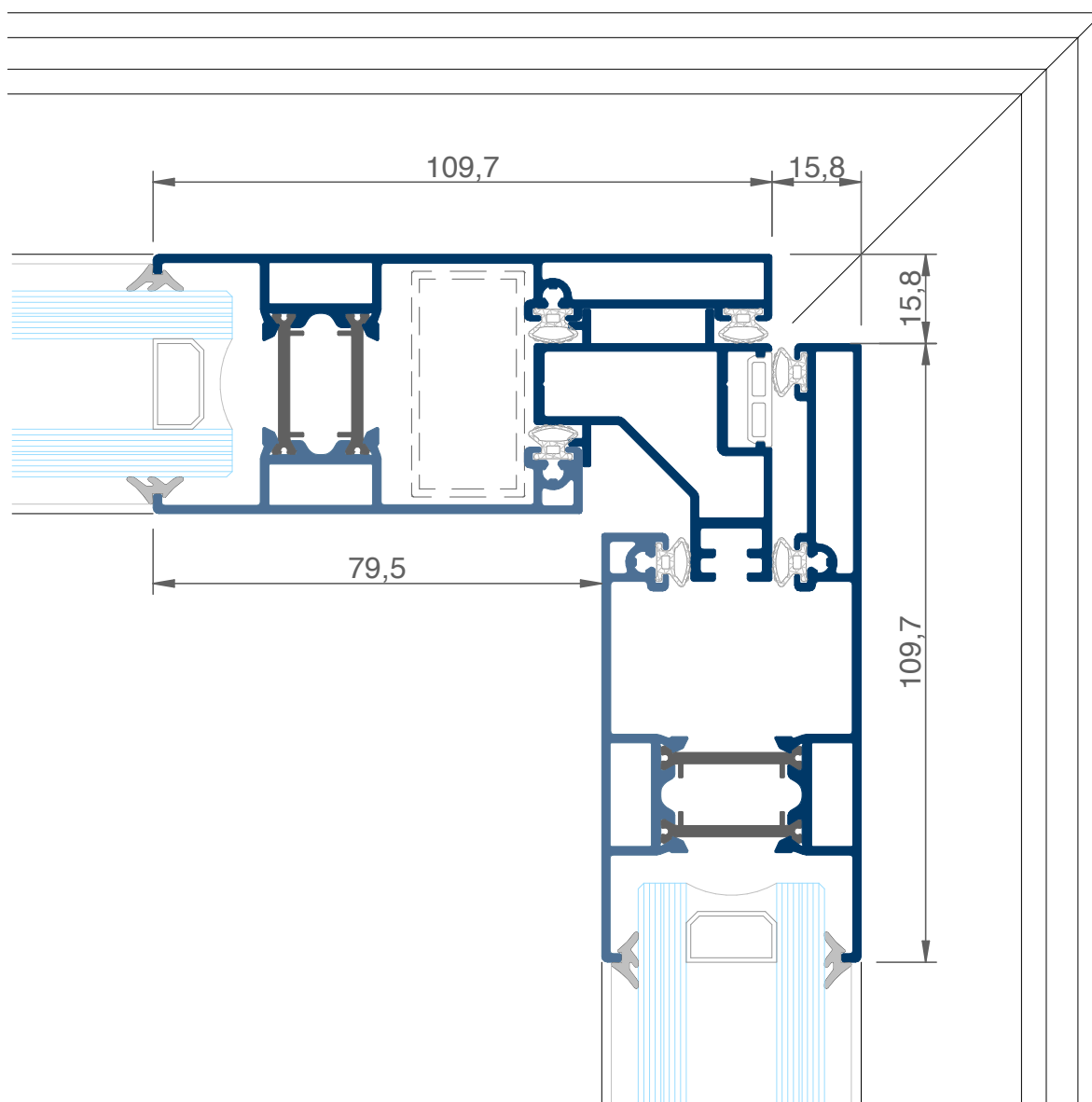


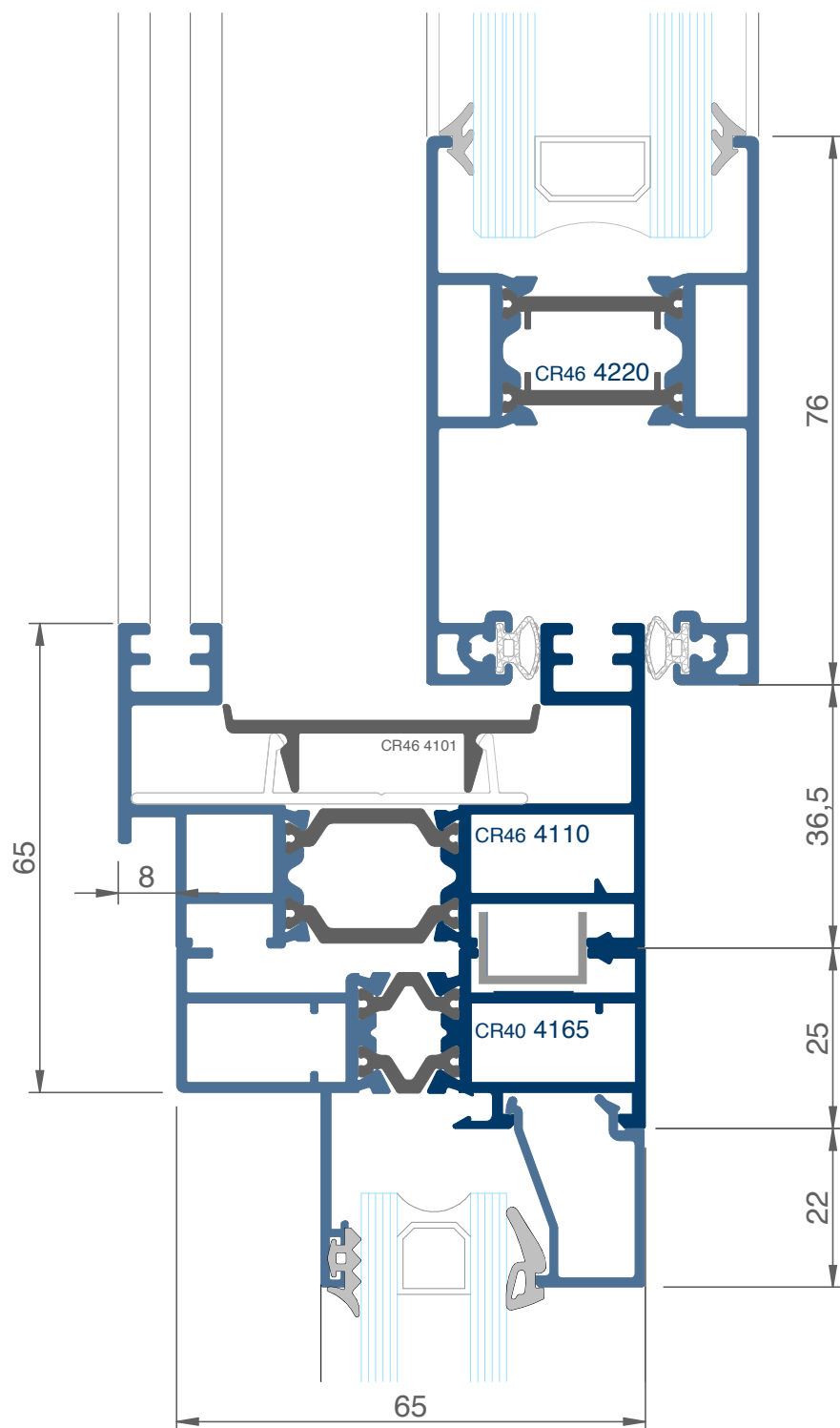




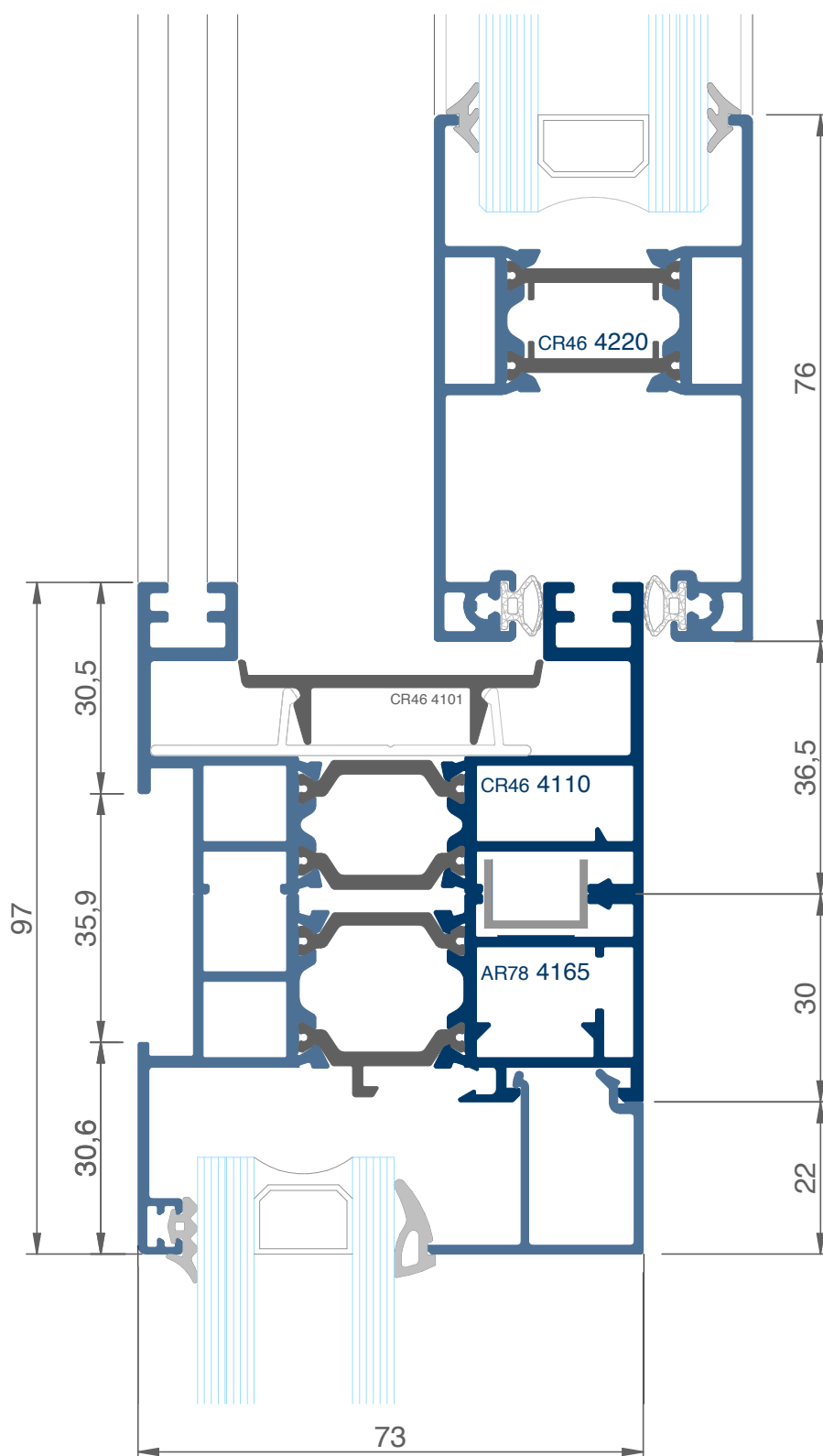






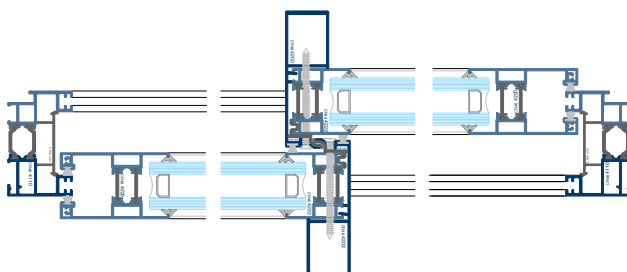
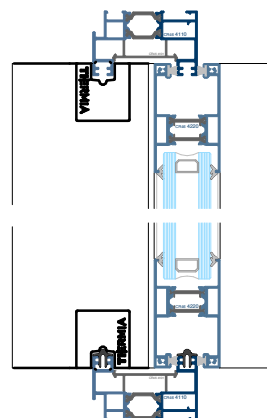
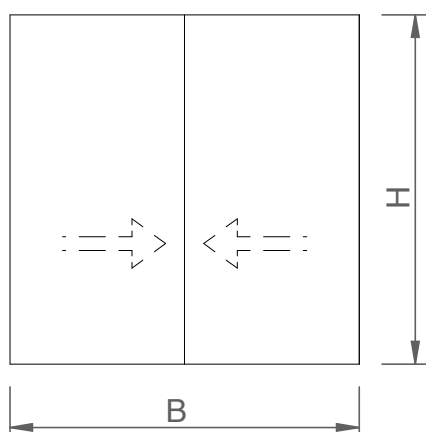


GIRAR PÁGINA PARA
UNA CORRECTA LECTURA



GIRAR PÁGINA PARA
UNA CORRECTA LECTURA

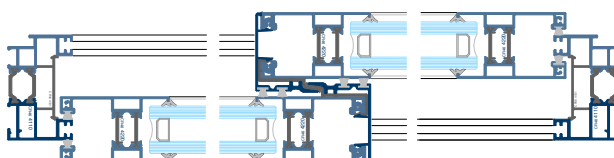
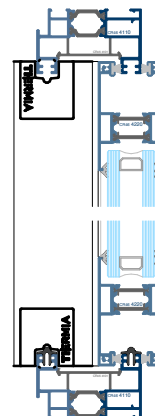
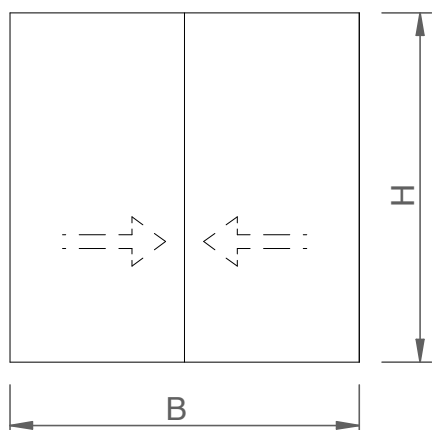
Diseño
Confort
Silencio



FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR46.4110	2	B	\---/
marco vertical	CR46.4110	2	H	\---/
cubierta marco horizontal	CR46.4101	2	B-40	\---/
cubierta marco vertical	CR46.4101	4	H-40	\---/
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	4	$(B+34)/2$	\---/*
hoja vertical	CR46.4220	2	H-73	\---/
hoja vertical	CR46.4222	2	H-144	\---/
perfil cruce aluminio	CR46.4202	2	H-73	---
perfil cruce termico	CR46.4203	2	H-73	---
perfil U 10x15x10	10x15x10	2	H-273	---
vidrio 2 $(B-214)/2 \times H-197$				

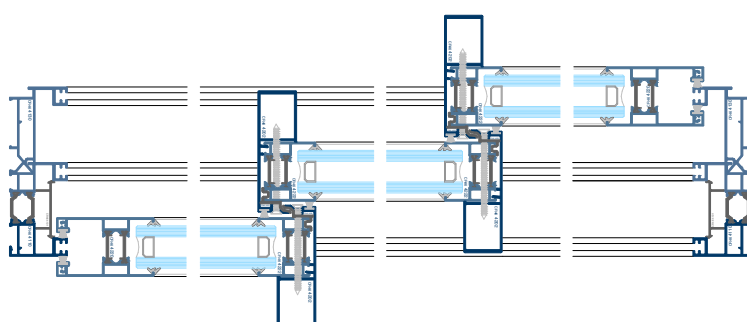
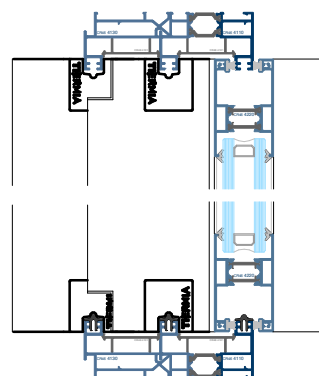
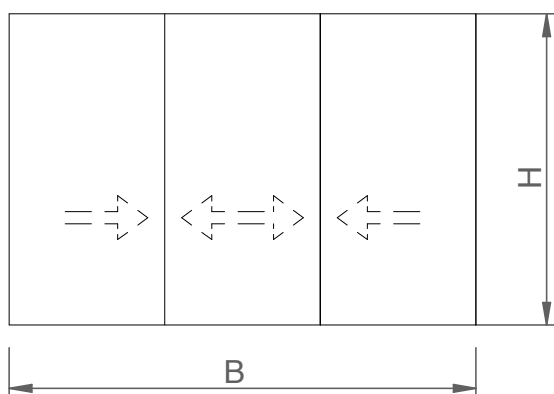
* ver mecanizado pag. G 01

ACCESORIOS			UDS
escuadra interior marco	A000.2110		4
escuadra exterior marco	AR52.2118		4
escuadra hoja	A000.2110		8
escuadra alineacion hoja	CR46.2144		8
junta estanquidad	A000.2370		4B+6H
junta ranura marco	CR46.2301		2B+4H
tope final de carrera	CR46.2312		4
pieza terminal cruce	CR46.2311		4
clip cubrecarril para CR464101	C040.4105		$2((L/500)+2)$ $2(H/500)$
cortavientos	CR46.2317		2
tapa perfil CR464202	CR46.2302		4
tornillo union hoja	<i>DIN 7982 2,9x19</i>		8
ruedas tandem regulables	CR46.3786		4
cierre (según modelo)	<i>ver D04 a D06</i>		2



FÓRMULAS DE CORTE				
		UDS	FÓRMULA	FORMA
marco horizontal	CR46.4110	2	B	\---/
marco vertical	CR46.4110	2	H	\---/
cubierta marco horizontal	CR46.4101	2	B-40	\---/
cubierta marco vertical	CR46.4101	2	H-40	\---/
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	4	B/2	\---/
hoja vertical	CR46.4220	4	H-73	\---/
perfil cruce aluminio	CR46.4206	2	H-158	---
perfil cruce termico	CR46.4205	2	H-73	---
perfil U 10x15x10	10x15x10	2	H-273	---
vidrio	2		(B-250)/2 x H-197	

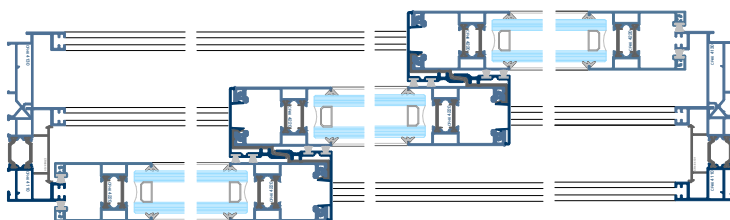
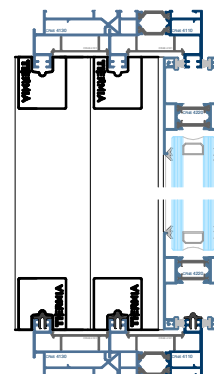
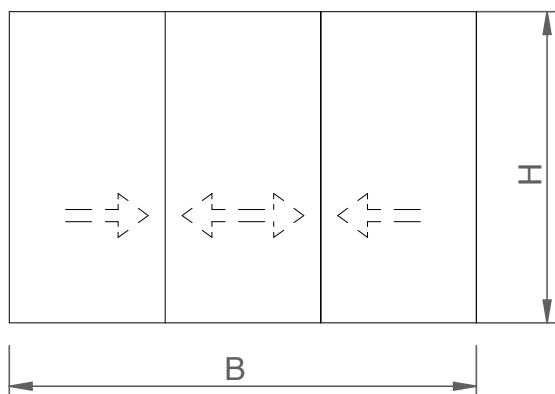
ACCESORIOS			UDS
escuadra interior marco	A000.2110		4
escuadra exterior marco	AR52.2118		4
escuadra hoja	A000.2110		8
junta estanquidad	A000.2370		4B+8H
junta ranura marco	CR46.2301		2B+4H
tope final de carrera	CR46.2312		4
pieza terminal cruce	CR46.2313		4
clip cubrecarril para CR464101	C040.4105		2((L/500)+2) 2(H/500)
cortavientos	CR46.2317		4
tornillo union hoja	<i>DIN 7982 2,9x19</i>		16
ruedas tandem regulables	CR46.3786		4
cierre (según modelo)	<i>ver D04 a D06</i>		2



FÓRMULAS DE CORTE				
		UDS	FÓRMULA	FORMA
marco horizontal	CR46.4110	2	B	\ --- /
marco vertical	CR46.4110	2	H	\ --- /
marco horizontal adicional	CR46.4130	2	B	\ --- /
marco vertical adicional	CR46.4130	2	H	\ --- /
cubierta marco horizontal	CR46.4101	2	B-40	\ --- /
cubierta marco vertical	CR46.4101	2	H-40	\ --- /
rail de rodadura	CR46.4100	6	B-90	---
hoja horizontal	CR46.4220	6	$(B+141)/3$	\ --- /*
hoja vertical	CR46.4220	2	H-73	\ --- /
hoja vertical	CR46.4222	4	H-144	\ --- /
perfil cruce aluminio	CR46.4202	4	H-73	---
perfil cruce termico	CR46.4203	4	H-73	---
perfil U 10x15x10	10x15x10	2	H-273	---
vidrio		3	$(B-231)/3 \times H-197$	

* ver mecanizado pag. G 01

ACCESORIOS			UDS
escuadra interior marco	A000.2110		8
escuadra exterior marco	AR52.2118		4
escuadra hoja	A000.2110		12
escuadra alineacion hoja	CR46.2144		8
junta estanquidad	A000.2370		6B+8H
junta ranura marco	CR46.2301		3B+6H
tope final de carrera	CR46.2312		4
pieza terminal cruce	CR46.2311		8
clip cubrecarril para CR464101	C040.4105	$2((L/500)+2)$ $2(H/500)$	
cortavientos	CR46.2317		4
tapa perfil CR464202	CR46.2302		4
tapa perfil CR464202 (multicarril)	CR46.2304		4
tornillo union hoja	<i>DIN 7982 2,9x19</i>		8
ruedas tandem regulables	CR46.3786		6
cierre (según modelo)	<i>ver D04 a D06</i>		2

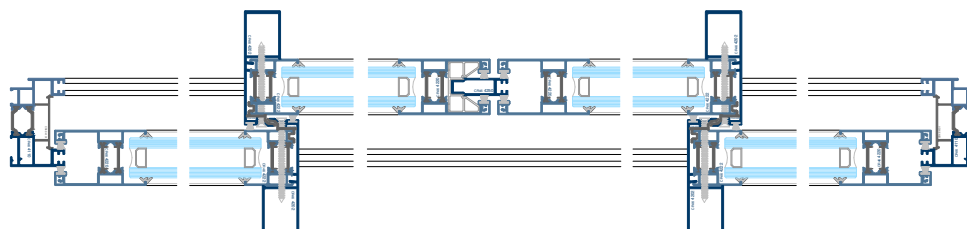
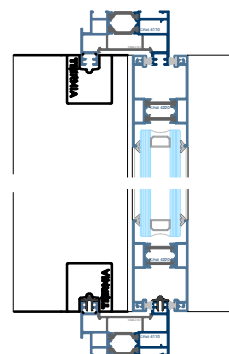
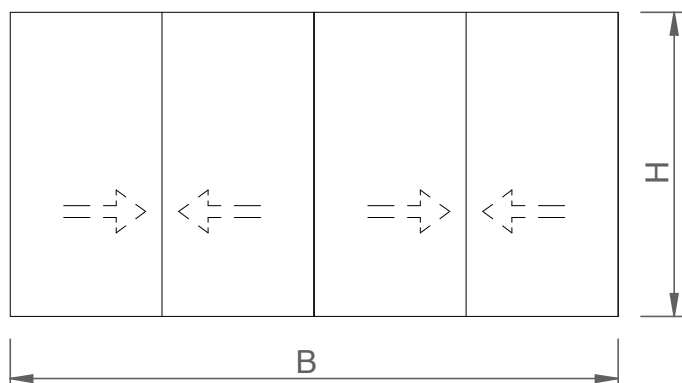

FORMULAS DE CORTE

		UDS	FORMULA	FORMA
marco horizontal	CR46.4110	2	B	\ --- /
marco vertical	CR46.4110	2	H	\ --- /
marco horizontal adicional	CR46.4130	2	B	\ --- /
marco vertical adicional	CR46.4130	2	H	\ --- /
cubierta marco horizontal	CR46.4101	2	B-40	\ --- /
cubierta marco vertical	CR46.4101	2	H-40	\ --- /
rail de rodadura	CR46.4100	6	B-90	---
hoja horizontal	CR46.4220	6	(B+71)/3	\ --- /
hoja vertical	CR46.4220	6	H-73	\ --- /
perfil cruce aluminio	CR46.4206	4	H-158	---
perfil cruce termico	CR46.4205	4	H-73	---

vidrio 3 (B-300)/3 x H-197

ACCESORIOS

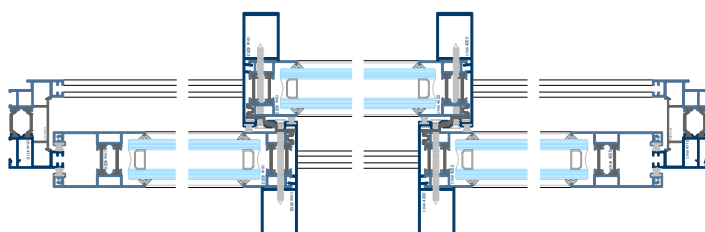
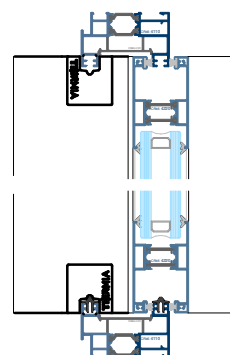
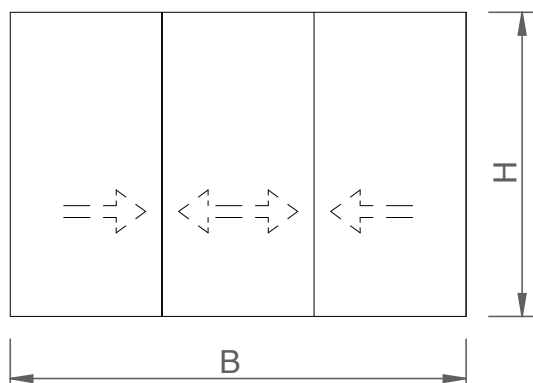
		UDS
escuadra interior marco	A000.2110	8
escuadra exterior marco	AR52.2118	4
escuadra hoja	A000.2110	12
junta estanquidad	A000.2370	6B+12H
junta ranura marco	CR46.2301	3B+6H
tope final de carrera	CR46.2312	4
pieza terminal cruce	CR46.2313	8
clip cubrecarril para CR464101	C040.4105	2((L/500)+2) 2(H/500)
cortavientos	CR46.2317	8
tornillo union hoja	<i>DIN 7982 2,9x19</i>	24
ruedas tandem regulables	CR46.3786	6
cierre (según modelo)	<i>ver D04 a D06</i>	2



FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR46.4110	2	B	\ --- /
marco vertical	CR46.4110	2	H	\ --- /
cubierta marco horizontal	CR46.4101	2	B-40	\ --- /
cubierta marco vertical	CR46.4101	2	H-40	\ --- /
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	8	$(B+135)/4$	\ --- /*
hoja vertical	CR46.4220	4	H-73	\ --- /
hoja vertical	CR46.4222	4	H-144	\ --- /
perfil tres cuatro hojas	CR46.4250	1	H-173	---
perfil cruce aluminio	CR46.4202	4	H-73	---
perfil cruce termico	CR46.4203	4	H-73	---
perfil U 10x15x10	10x15x10	3	H-273	---
vidrio 4 $(B-361)/4 \times H-197$				

* ver mecanizado pag. G 01

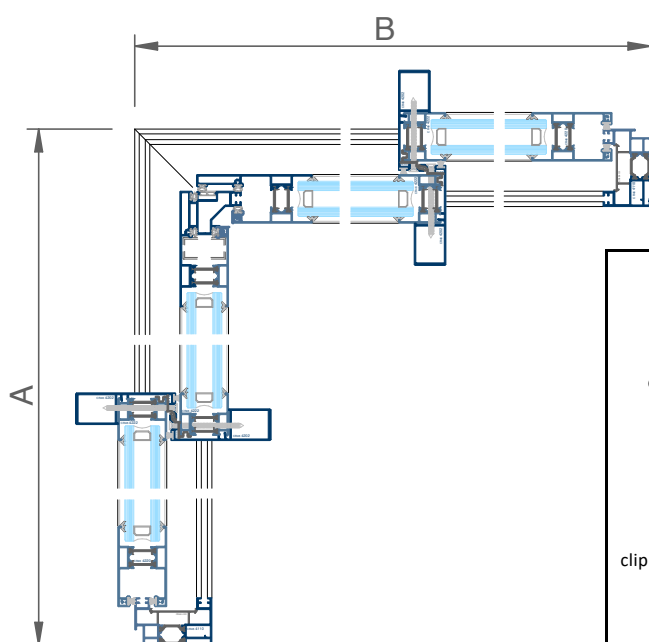
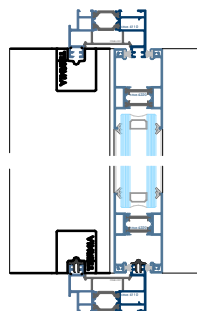
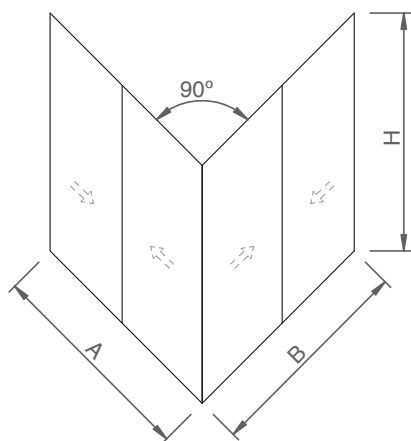
ACCESORIOS			UDS
escuadra interior marco	A000.2110		4
escuadra exterior marco	AR52.2118		4
escuadra hoja	A000.2110		16
escuadra alineacion hoja	CR46.2144		16
junta estanquidad	A000.2370		4B+12H
junta ranura marco	CR46.2301		2B+4H
tope final de carrera	CR46.2312		8
pieza terminal cruce	CR46.2311		8
clip cubrecarril para CR464101	C040.4105		$2((L/500)+2)$ $2(H/500)$
cortavientos	CR46.2317		4
tapa perfil CR464202	CR46.2302		8
pieza terminal 3-4 hojas	CR46.2350		2
tornillo union hoja	DIN 7982 2,9x19		16
ruedas tandem regulables	CR46.3786		8
cierre (según modelo)	ver D04 a D06		3



FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR46.4110	2	B	\ --- /
marco vertical	CR46.4110	2	H	\ --- /
cubierta marco horizontal	CR46.4101	2	B-40	\ --- /
cubierta marco vertical	CR46.4101	2	H-40	\ --- /
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	6	$(B+141)/3$	\ --- /*
hoja vertical	CR46.4220	2	H-73	\ --- /
hoja vertical	CR46.4222	4	H-144	\ --- /
perfil cruce aluminio	CR46.4202	4	H-73	---
perfil cruce termico	CR46.4203	4	H-73	---
perfil U 10x15x10	10x15x10	3	H-273	---
vidrio		4	$(B-231)/3 \times H-197$	

* ver mecanizado pag. G 01

ACCESORIOS		
		UDS
escuadra interior marco	A000.2110	4
escuadra exterior marco	AR52.2118	4
escuadra hoja	A000.2110	12
escuadra alineacion hoja	CR46.2144	8
junta estanquidad	A000.2370	4B+8H
junta ranura marco	CR46.2301	2B+4H
tope final de carrera	CR46.2312	4
pieza terminal cruce	CR46.2311	8
clip cubrecarril para CR464101	C040.4105	$2((L/500)+2)$ $2(H/500)$
cortavientos	CR46.2317	4
tapa perfil CR464202	CR46.2302	8
tornillo union hoja	DIN 7982 2,9x19	8
ruedas tandem regulables	CR46.3786	6
cierre (según modelo)	ver D04 a D06	2

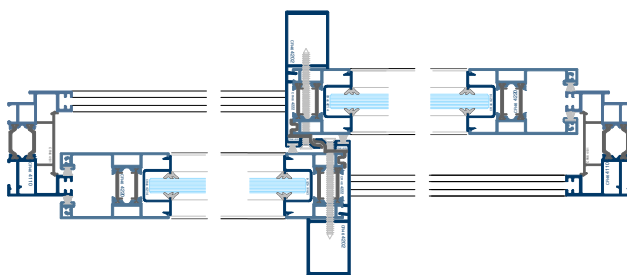
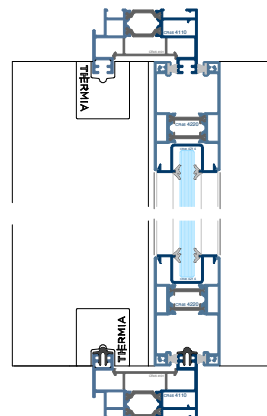
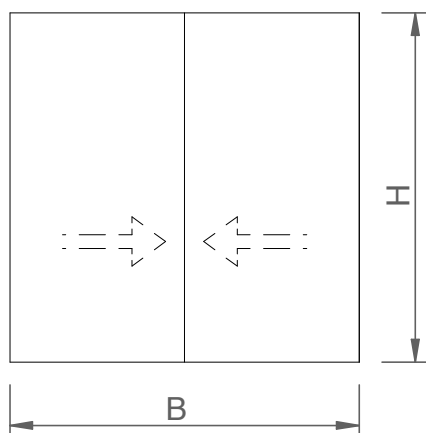


ACCESORIOS

		UDS
escuadra interior marco	A000.2110	4
escuadra exterior marco	AR52.2118	4
escuadra interior kiss marco	A00K.2110	2
escuadra exterior kiss marco	A00K.2112	2
escuadra hoja	A000.2110	16
escuadra alineacion hoja	A000.2144	16
junta estanquidad	A000.2370	$4(A+B)+14H$
junta ranura marco	CR46.2301	$2(A+B)+4H$
tope final de carrera	CR46.2312	4
pieza terminal cruce	CR46.2311	8
clip cubrecarril para CR464101	C040.4105	$2[(A+B)/500]+2$ $2(H/500)$
cortavientos	CR46.2317	4
tapa perfil CR464202	CR46.2302	4
pieza terminal kiss inferior	CR46.2351	1
pieza terminal kiss superior	CR46.2352	1
tornillo union hoja	<i>DIN 7982 2,9x19</i>	16
ruedas tandem regulables	CR46.3786	8
cierre (según modelo)	<i>ver D04 a D06</i>	3

zona A				
ref	cant	formula	forma	medidas de corte
CR464110	2	A	\--G--/	girar perfil al cortar
CR464110	1	H	\----/	
CR464100	2	A-46	----/	ajustar al marco
CR464100	2	A-120	----/	ajustar al marco
CR464101	1	H-66	----	
CR464101	2	A	----/	ajustar al marco
CR464220	4	$(A-22)/2$	\----/	ver mecanizado
CR464220	1	H-73	----	
CR464222	2	H-144	----	
CR464202	2	H-73	----	
CR464203	2	H-73	----	
CR464254	1	H-5	\----/	ver mecanizado
CR464251	1	H-173	----	
TUBO 40X20	1	H-173	----	
vidrio	2	$(A-270)/2 \times H-197$		

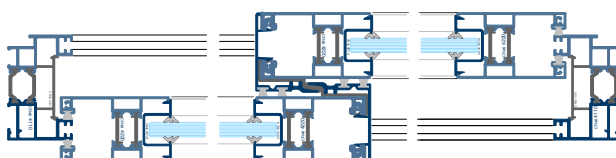
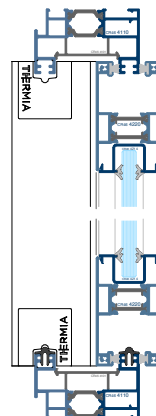
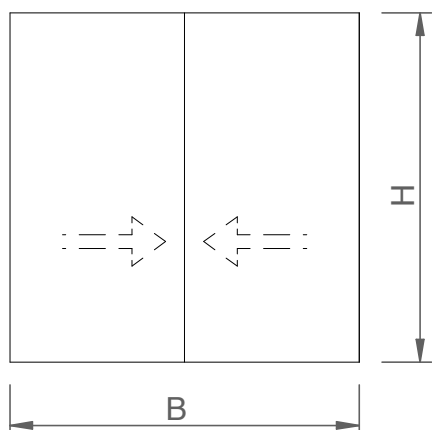
zona B				
ref	cant	formula	forma	medidas de corte
CR464110	2	B	\--G--/	girar perfil al cortar
CR464110	1	H	\----/	
CR464100	2	B-46	----/	ajustar al marco
CR464100	2	B-120	----/	ajustar al marco
CR464101	1	H-66	----	
CR464101	2	B	----/	ajustar al marco
CR464220	4	$(B-22)/2$	\----/	ver mecanizado
CR464220	1	H-73	----	
CR464222	2	H-144	----	
CR464202	2	H-73	----	
CR464203	2	H-73	----	
CR464254	1	H-5	\----/	ver mecanizado
vidrio	2	$(B-270)/2 \times H-197$		



FÓRMULAS DE CORTE				
		UDS	FÓRMULA	FÓRMA
marco horizontal	CR46.4110	2	B	\ --- /
marco vertical	CR46.4110	2	H	\ --- /
cubierta marco horizontal	CR46.4101	2	B-40	\ --- /
cubierta marco vertical	CR46.4101	4	H-40	\ --- /
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	4	$(B+34)/2$	\ --- /*
hoja vertical	CR46.4220	2	H-73	\ --- /
hoja vertical	CR46.4222	2	H-144	\ --- /
perfil reductor horizontal	CR46.4214	4	$(B-270)/2$	---
perfil reductor vertical	CR46.4214	4	H-228	---
perfil cruce aluminio	CR46.4202	2	H-73	---
perfil cruce termico	CR46.4203	2	H-73	---
perfil U 10x15x10	10x15x10	2	H-273	---
vidrio		2	$(B-214)/2 \times H-197$	

* ver mecanizado pag. G 01

ACCESORIOS		
		UDS
escuadra interior marco	A000.2110	4
escuadra exterior marco	AR52.2118	4
escuadra hoja	A000.2110	8
junta estanquidad	A000.2370	4B+6H
junta ranura marco	CR46.2301	2B+4H
tope final de carrera	CR46.2312	4
pieza terminal cruce	CR46.2311	4
clip cubrecarril para CR464101	C040.4105	$2((L/500)+2)$ $2(H/500)$
cortavientos	CR46.2317	2
tapa perfil CR464202	CR46.2302	4
tornillo union hoja	<i>DIN 7982 2,9x19</i>	8
ruedas tandem regulables	CR46.3786	4
cierre (según modelo)	<i>ver D04 a D06</i>	2

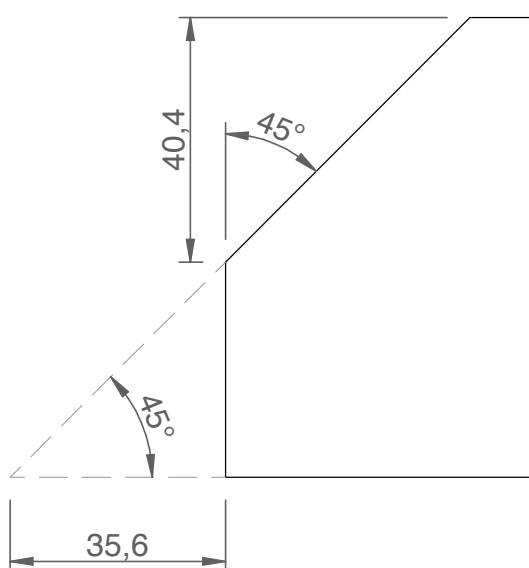
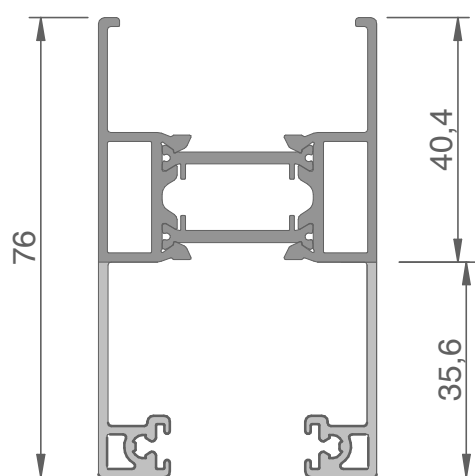
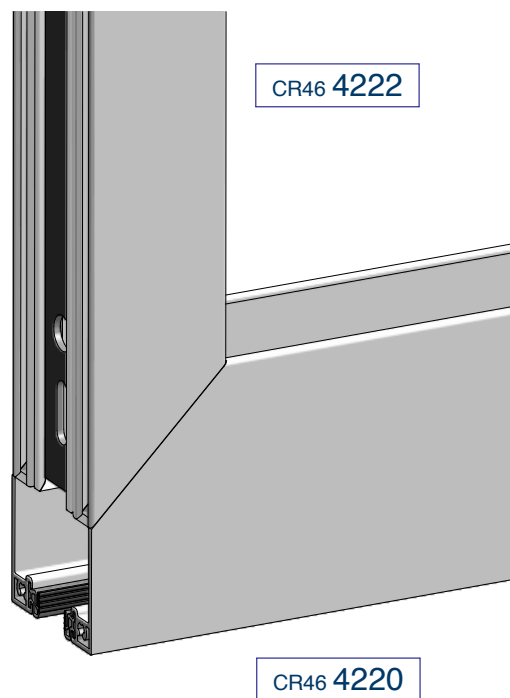
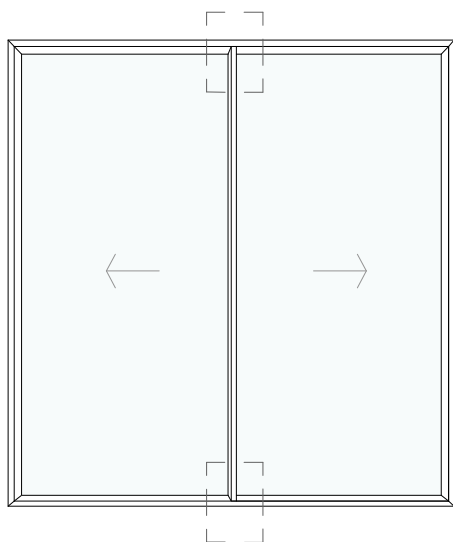


FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR46.4110	2	B	\---/
marco vertical	CR46.4110	2	H	\---/
cubierta marco horizontal	CR46.4101	2	B-40	\---/
cubierta marco vertical	CR46.4101	2	H-40	\---/
rail de rodadura	CR46.4100	4	B-90	---
hoja horizontal	CR46.4220	4	B/2	\---/
hoja vertical	CR46.4220	4	H-73	\---/
perfil reductor horizontal	CR46.4214	4	(B-305)/2	---
perfil reductor vertical	CR46.4214	4	H-228	---
perfil cruce aluminio	CR46.4206	2	H-158	---
perfil cruce termico	CR46.4205	2	H-73	---
perfil U 10x15x10	10x15x10	2	H-273	---
vidrio 2 (B-250)/2 x H-197				

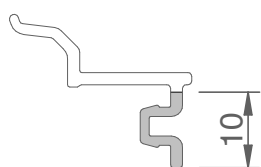
ACCESORIOS		
		UDS
escuadra interior marco	A000.2110	4
escuadra exterior marco	AR52.2118	4
escuadra hoja	A000.2110	8
junta estanquidad	A000.2370	4B+8H
junta ranura marco	CR46.2301	2B+4H
tope final de carrera	CR46.2312	4
pieza terminal cruce	CR46.2313	4
clip cubrecarril para CR464101	C040.4105	2((L/500)+2) 2(H/500)
cortavientos	CR46.2317	4
tornillo union hoja	<i>DIN 7982 2,9x19</i>	16
ruedas tandem regulables	CR46.3786	4
cierre (según modelo)	<i>ver D04 a D06</i>	2

Diseño
Confort
Silencio

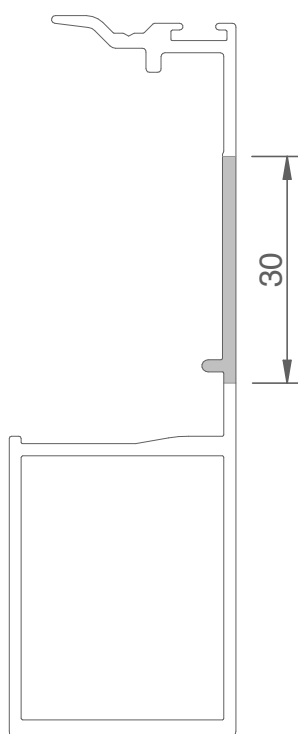
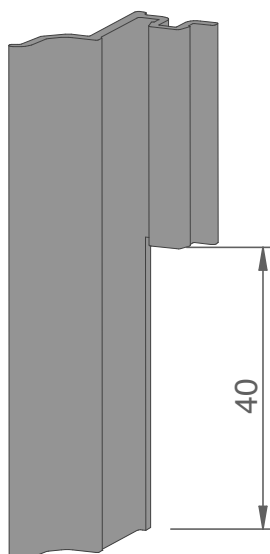
Unión hojas centrales



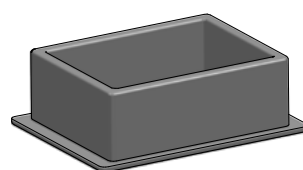
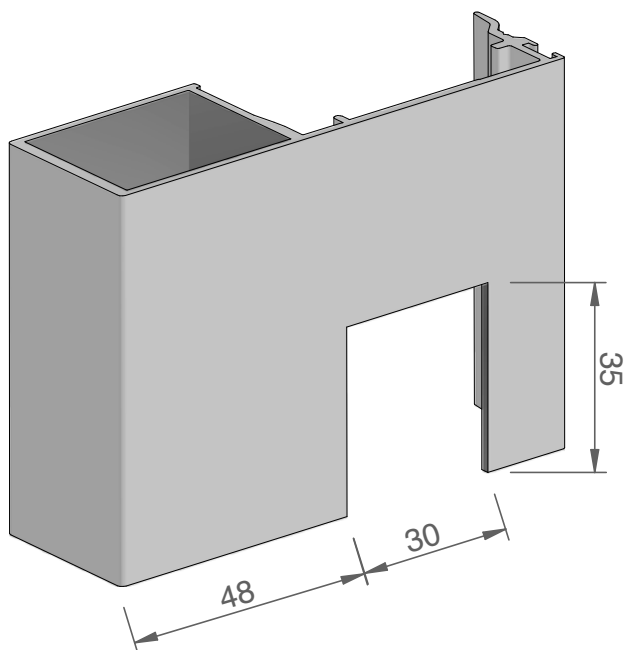
Mecanizado cruce central



CR46 4203

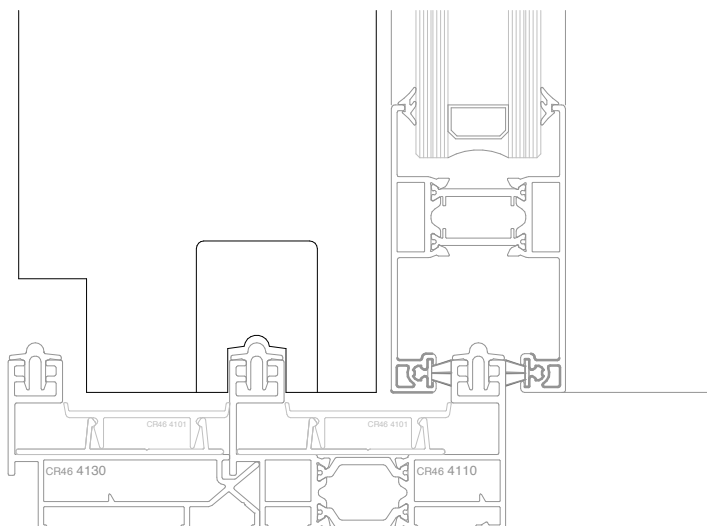
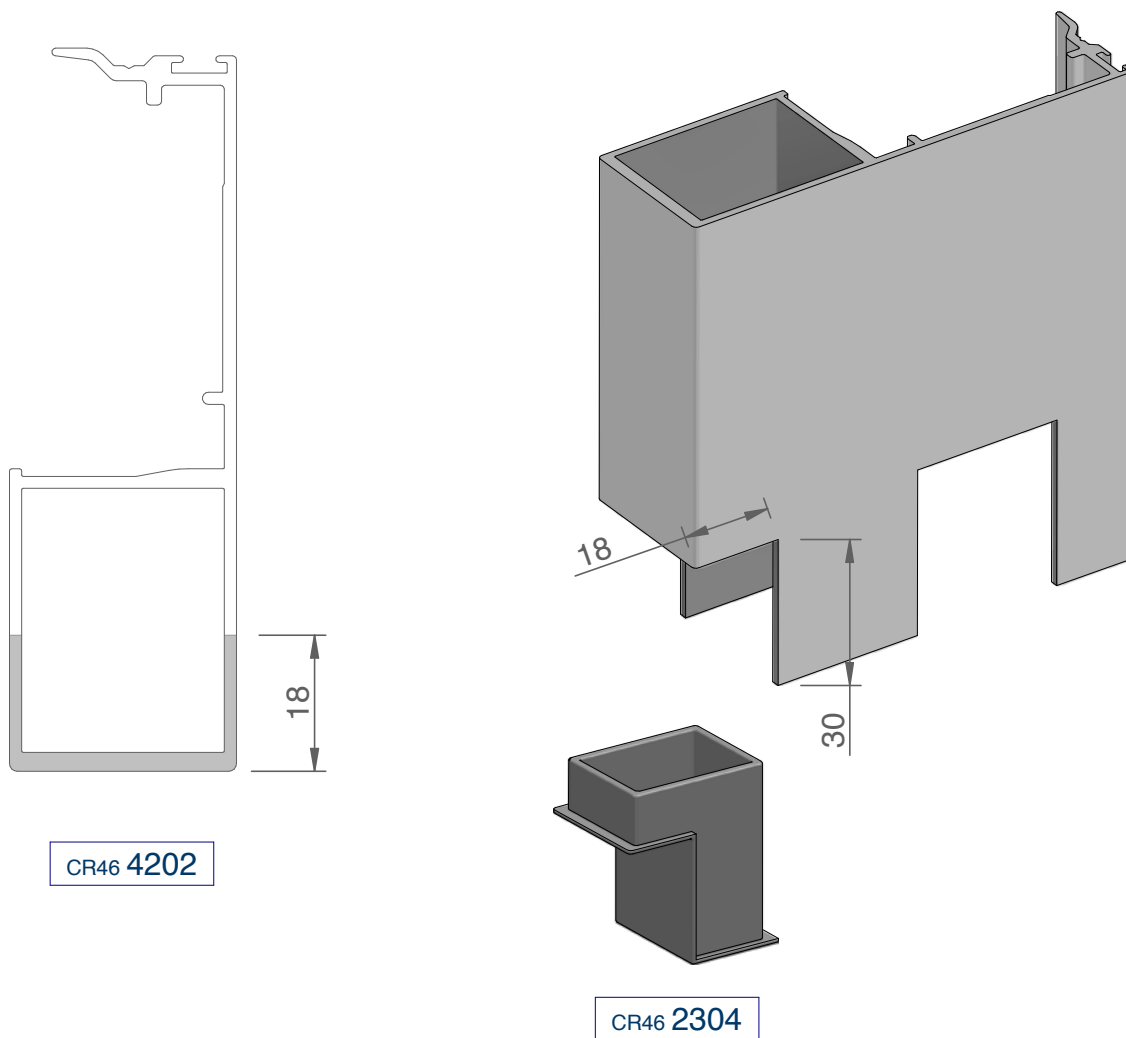


CR46 4202

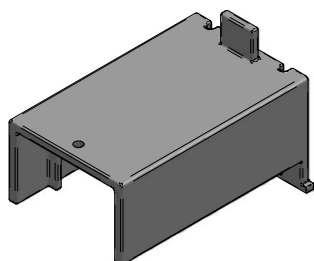


CR46 2302

Mecanizado cruce central (multicarril)

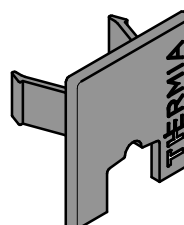


Pieza terminal cruce



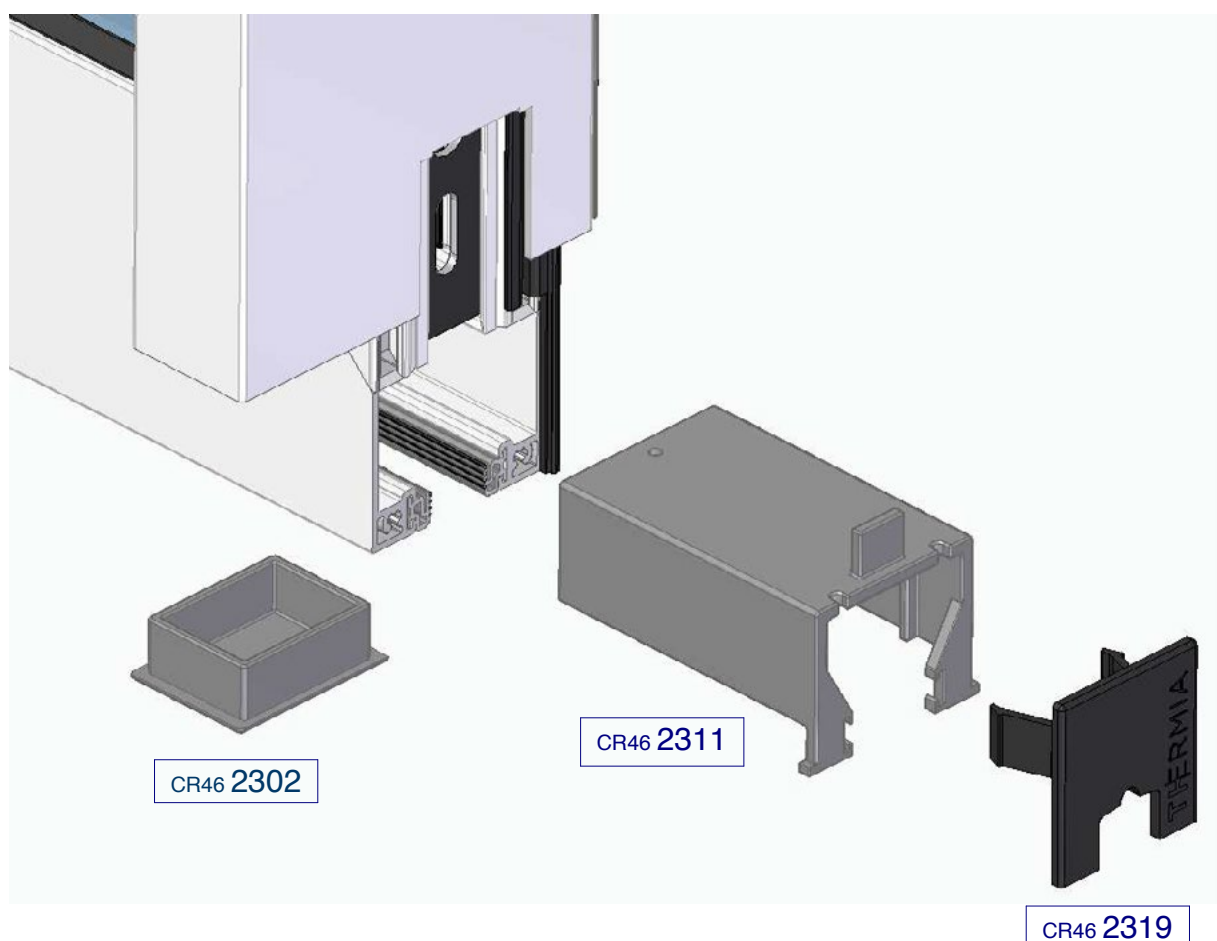
CR46 2311

pieza base para
CR462319



CR46 2319

pieza terminal cruce

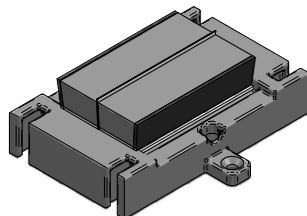


CR46 2302

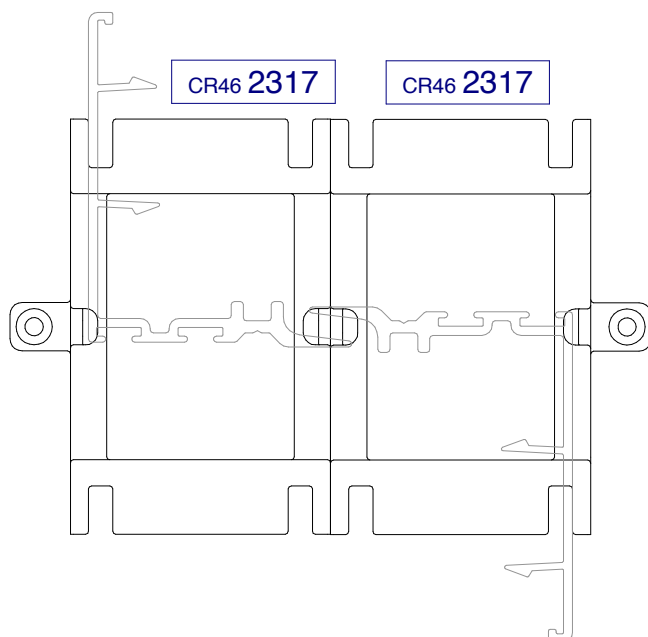
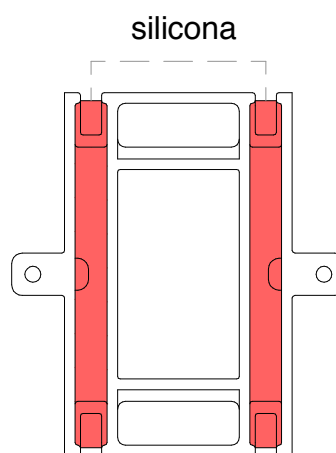
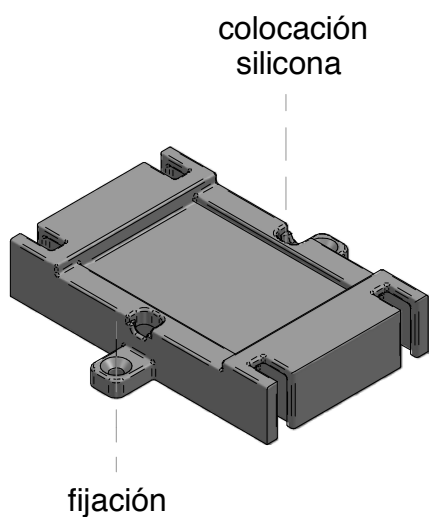
CR46 2311

CR46 2319

Cortavientos

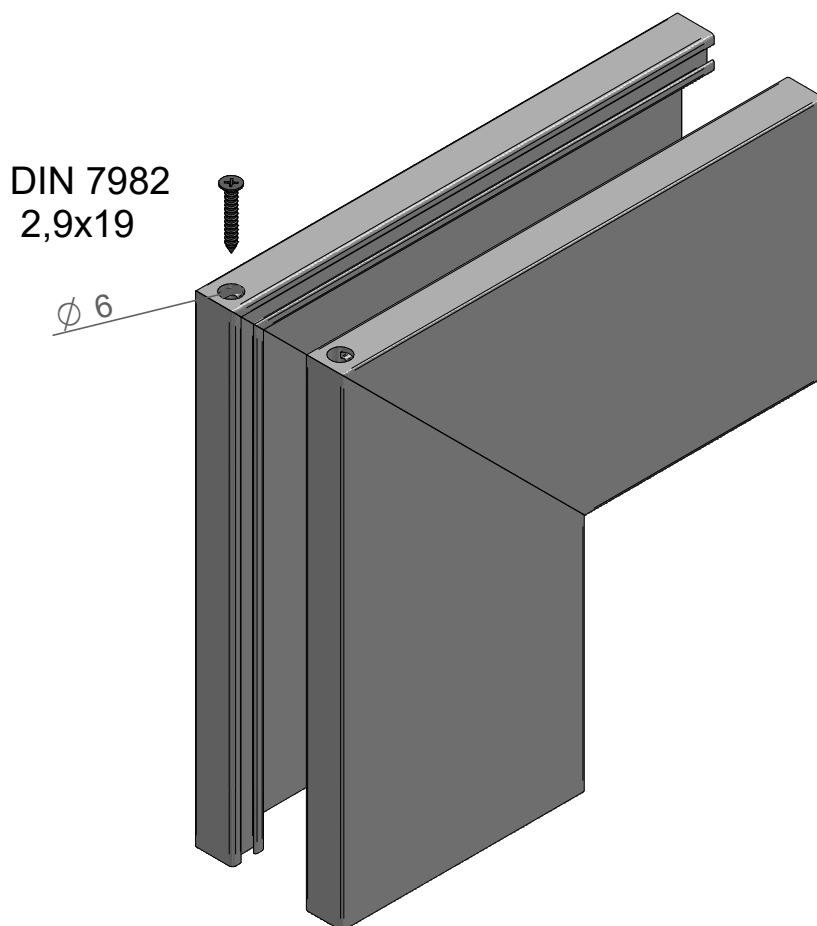
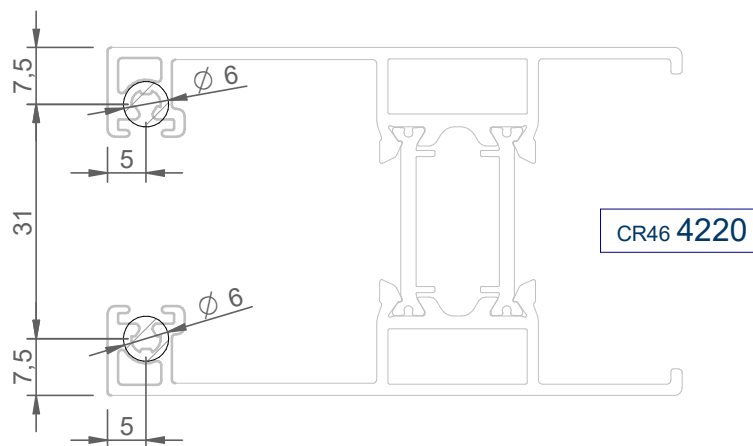


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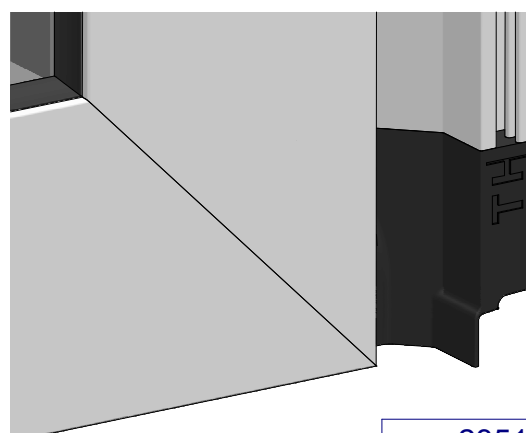
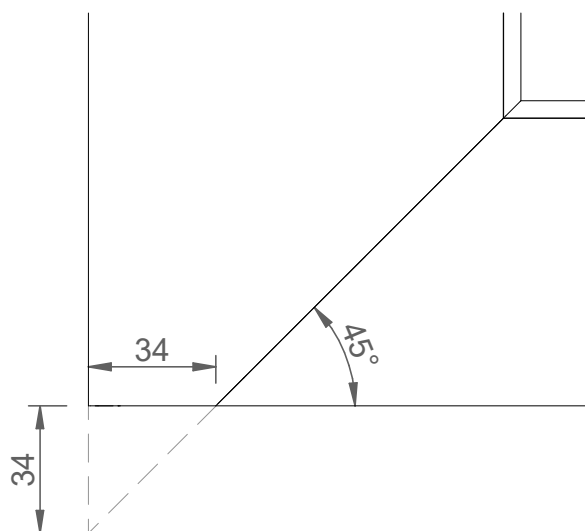
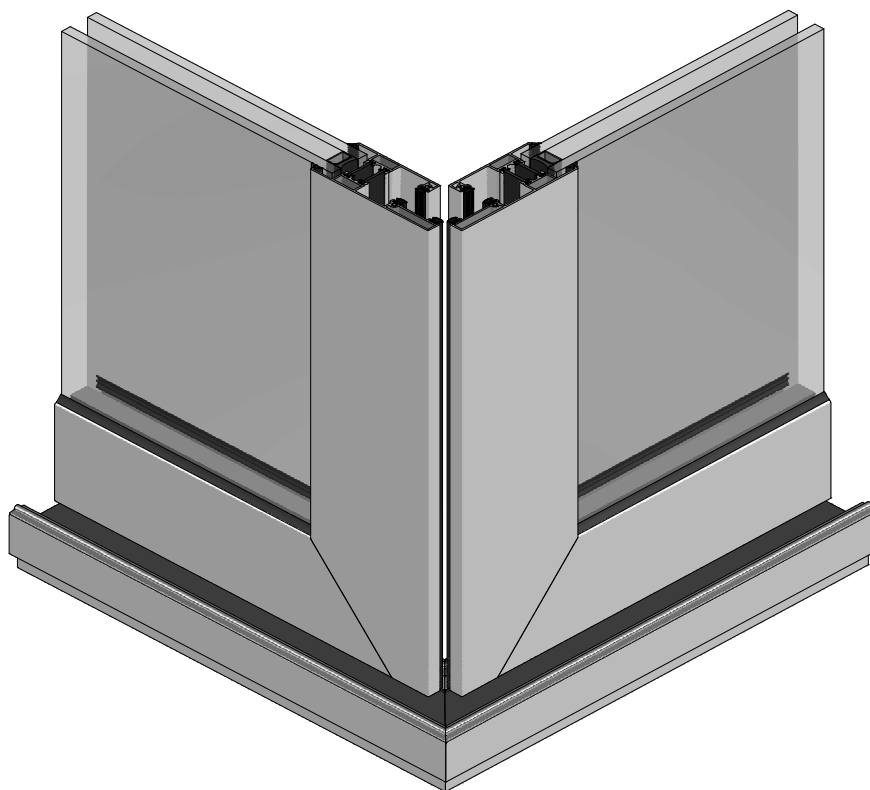


aplicable a solución cruce
perimetral CR464106

Detalle unión hoja



Detalle unión hoja kiss



CR46 2351

pieza inf kiss

CR46 2352

pieza sup kiss

[illegible]

Ventanas para **vivir mejor**



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