

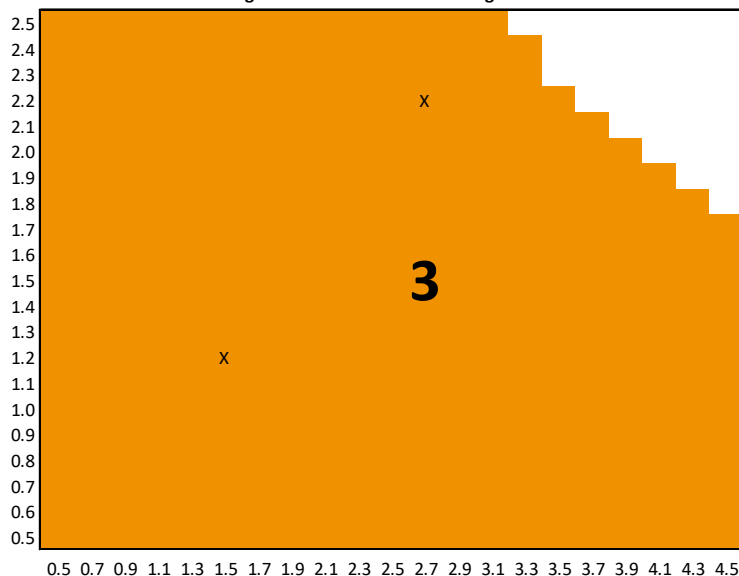
THERMIA® CR31

Serie para ventanas correderas con RPT

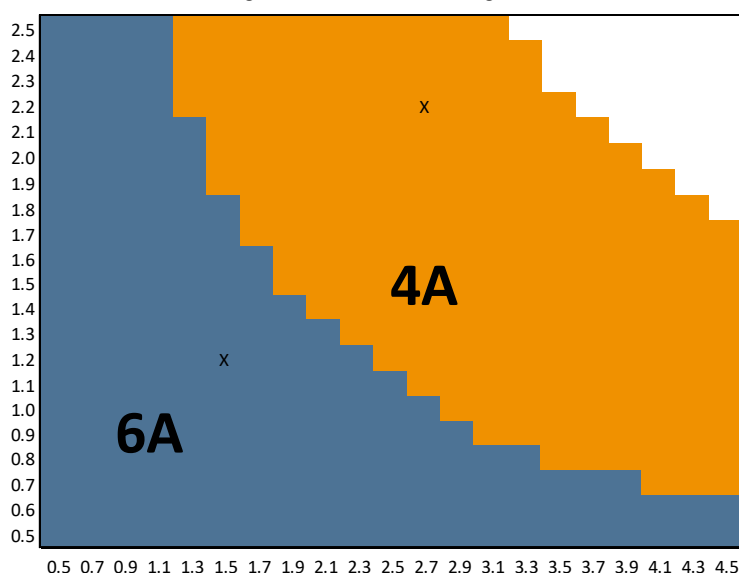


Ventanas para vivir mejor

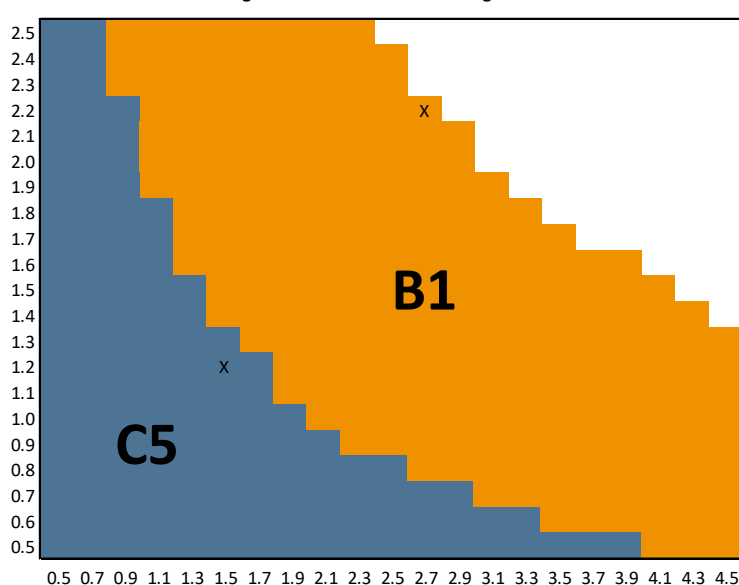
PERMEABILIDAD AL AIRE según EN 12207 - Marcado CE según EN 14351-1:2006+A2:2016



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

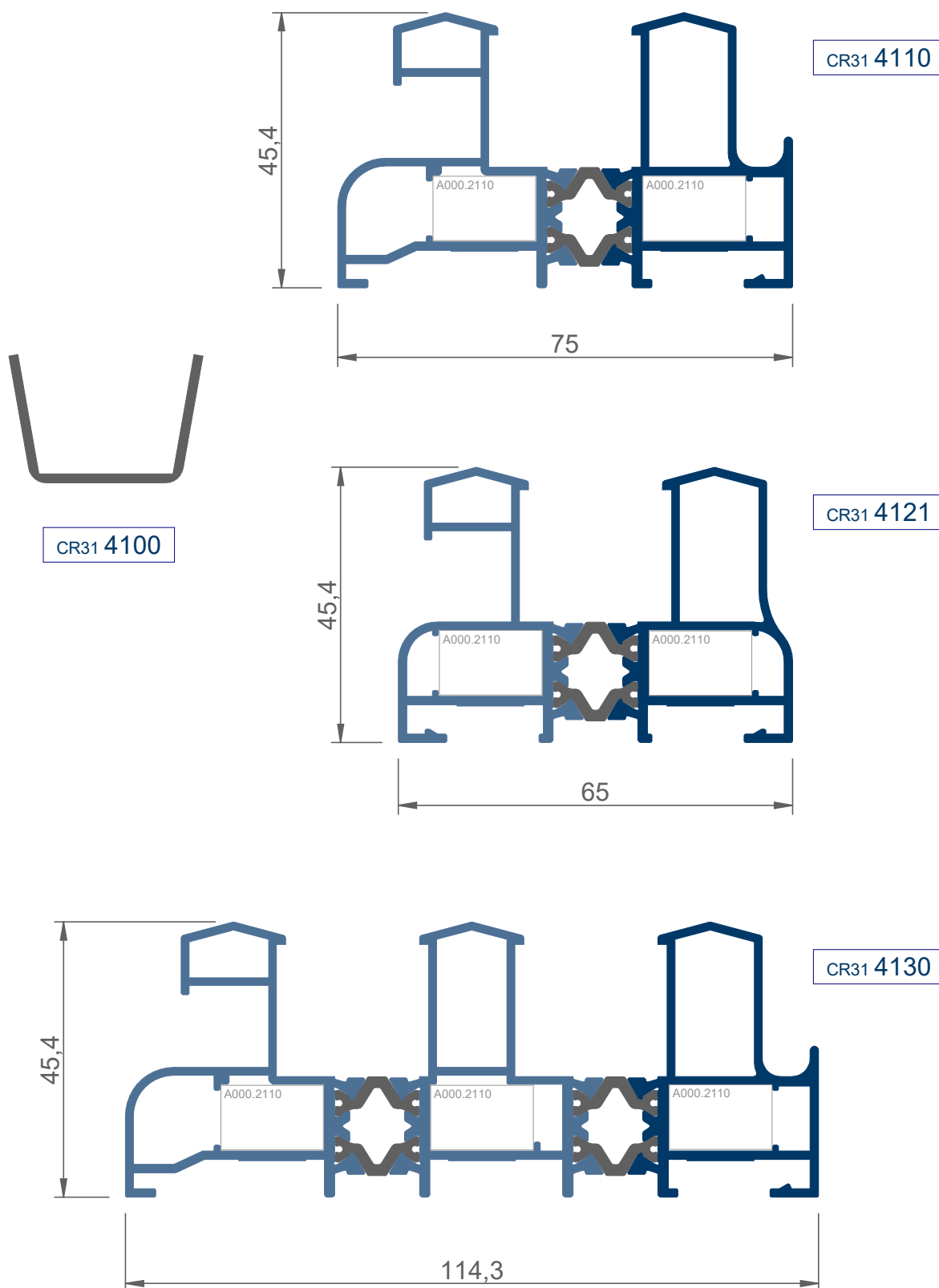


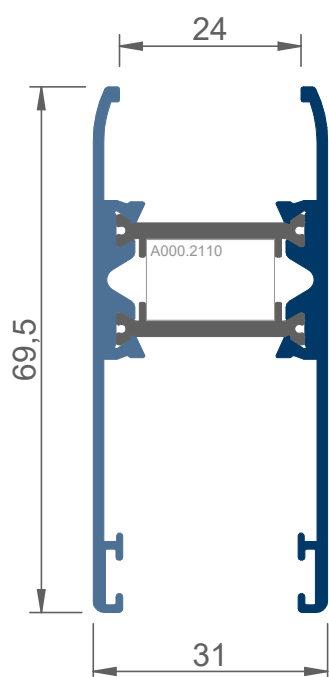
RESISTENCIA AL VIENTO según EN 12210 - Marcado CE según EN 14351-1:2006+A2:2016



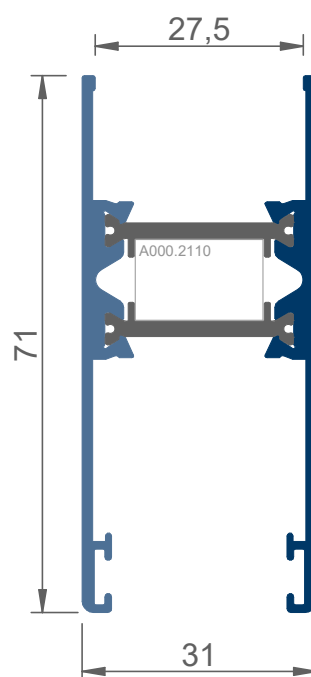
Resultados obtenidos de los informes según Ensatec con número de ensayo 212474, y en base al Anexo E de la norma EN 14351-1:2006+A2:2016.

Diseño
Confort
Silencio

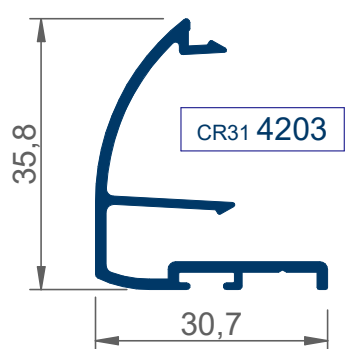




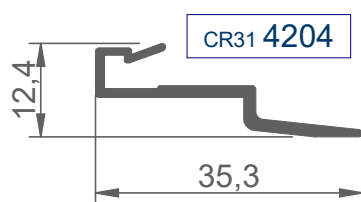
CR31 4210



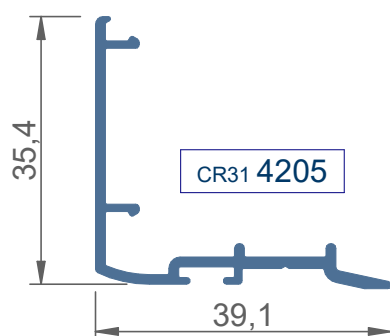
CR31 4211



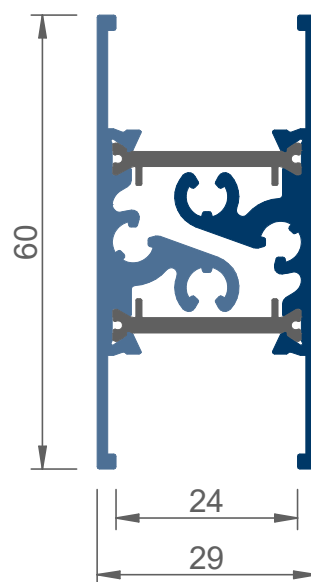
CR31 4203



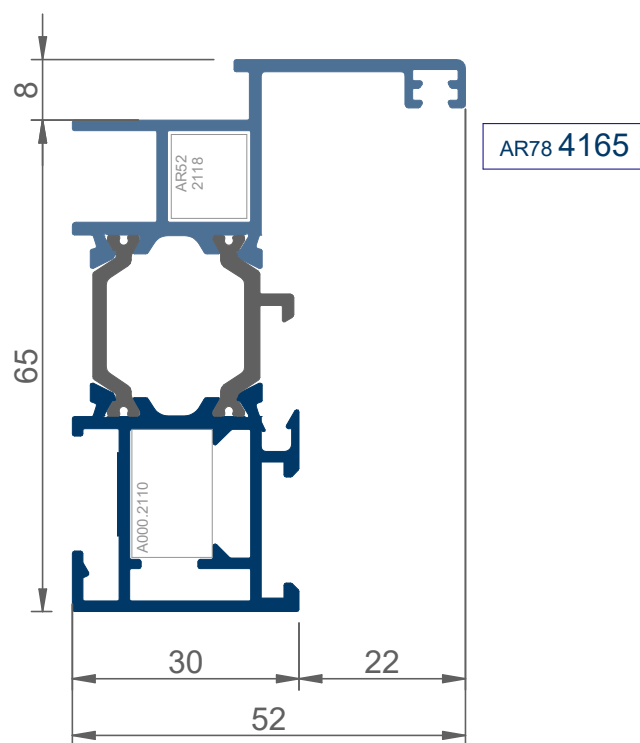
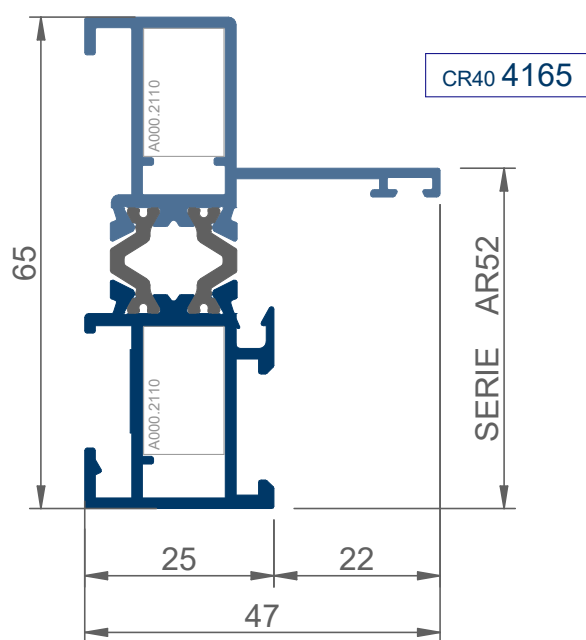
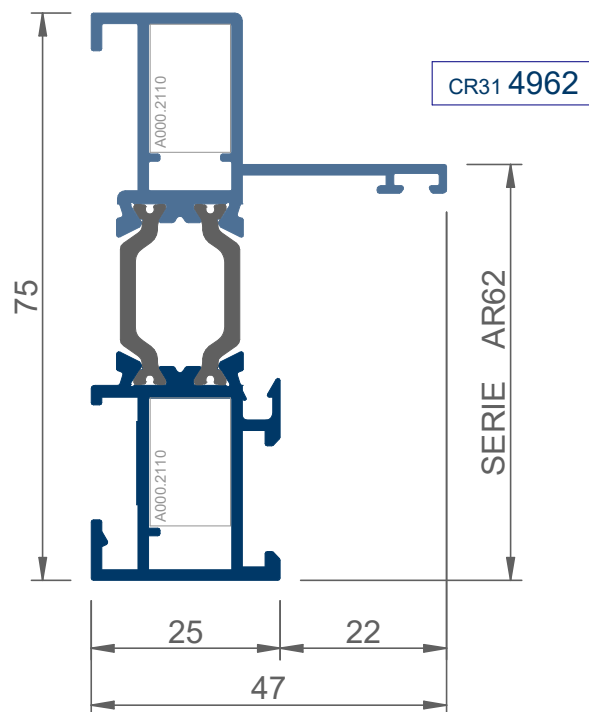
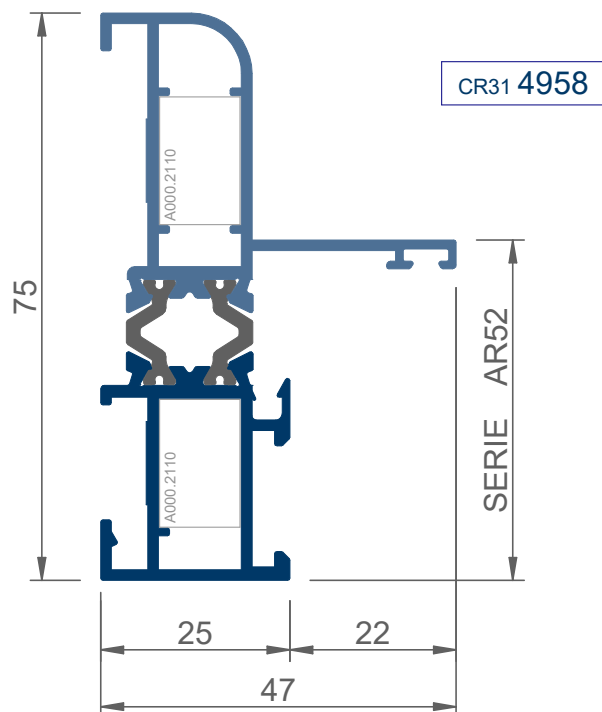
CR31 4204



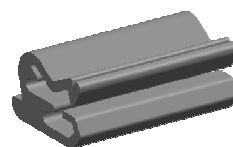
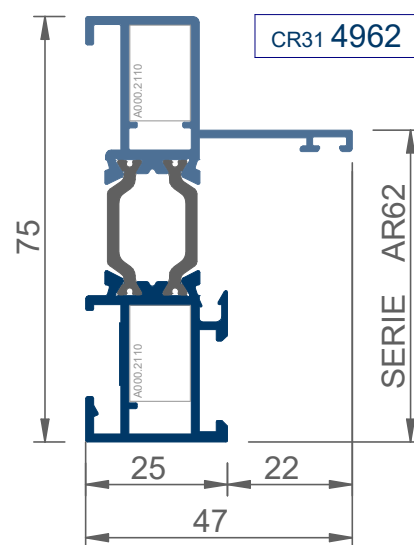
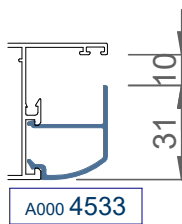
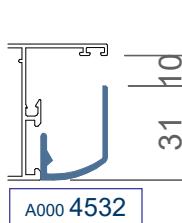
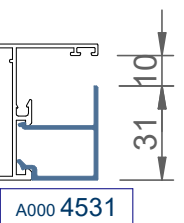
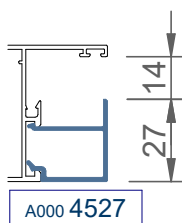
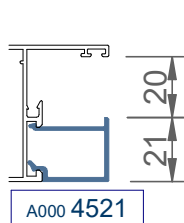
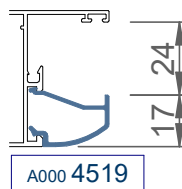
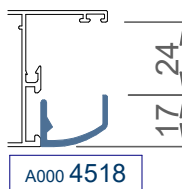
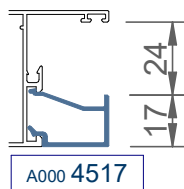
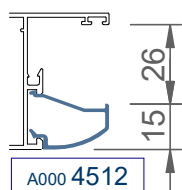
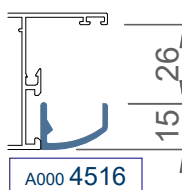
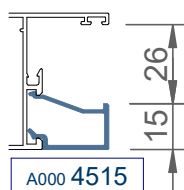
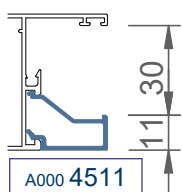
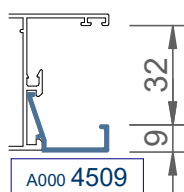
CR31 4205



AR00 4544



Diseño
Confort
Silencio



grapa junquillos elípticos

A000 2102



A000 2315

junta exterior (1mm)



A000 2351

junta exterior (2mm)



A000 2352

junta exterior (6mm)



GC 1109

junta cuña (de 1,5mm)



GC 11012

junta cuña (de 2mm)



GC 11014

junta cuña (de 2,5mm)



A000 2353

junta cuña (de 3 a 5mm)



A000 2355

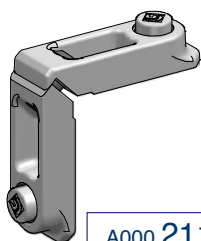
junta cuña (de 5 a 7mm)



A000 2357

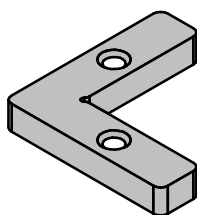
junta cuña (de 7 a 9mm)

Diseño
Confort
Silencio



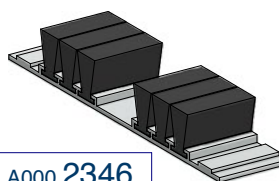
A000 2110

escuadra



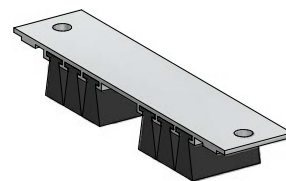
A00K 2110

escuadra marco
kiss 2110



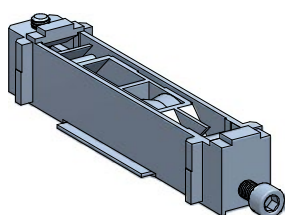
A000 2346

cortavientos inferior
adhesivo



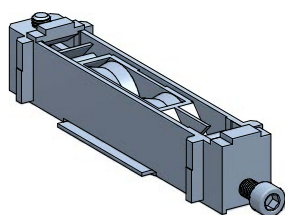
A000 2347

cortavientos superior
desmontable



A000 3752

rueda simple regulable
(agujas) 60 kg/hoja



A000 3782

rueda simple regulable
(agujas Pabose) 80 kg/hoja

A000 3754

rueda tandem regulable
(bolas) 140 kg/hoja

A000 3784

rueda tandem regulable
(agujas Pabose) 160 kg/hoja



A000 2300

tapón deflector
con lámina



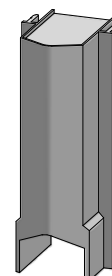
A000 2302

tapón railes
corredoras



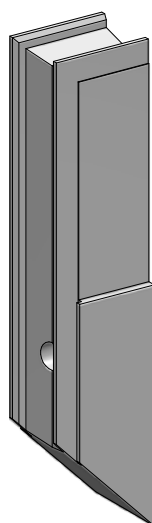
A000 2376

cepillo estanquidad
7x6 con lámina central



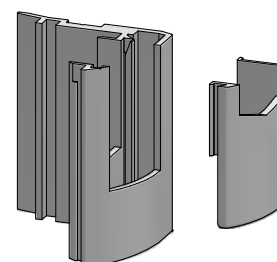
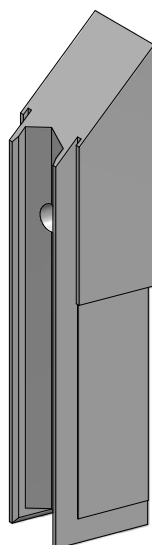
CF31 2350

tapa terminal
perfil CF31.4250



A000 2345

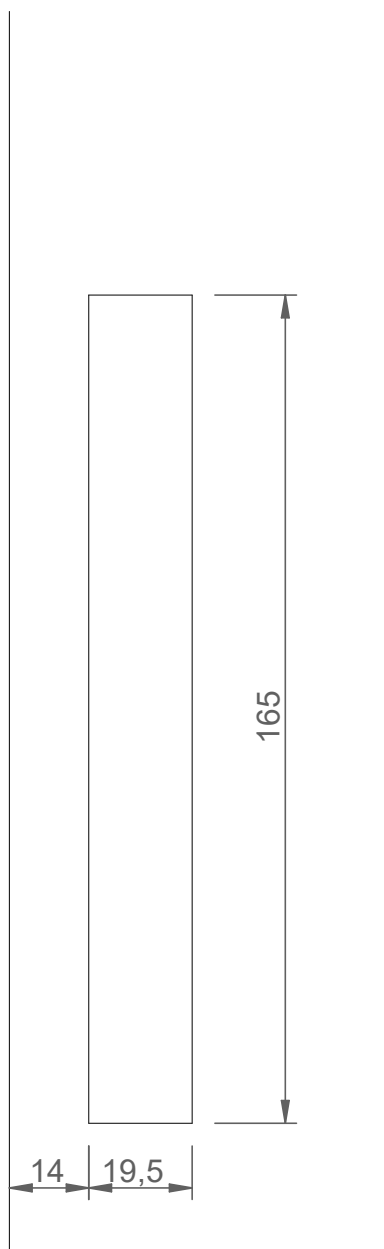
topes final carrera y
antielevación una hoja



A000 2344

kit tapas centrales hoja
perfil cruce CF31.4201
(no utilizable en perfil CF31.4205)

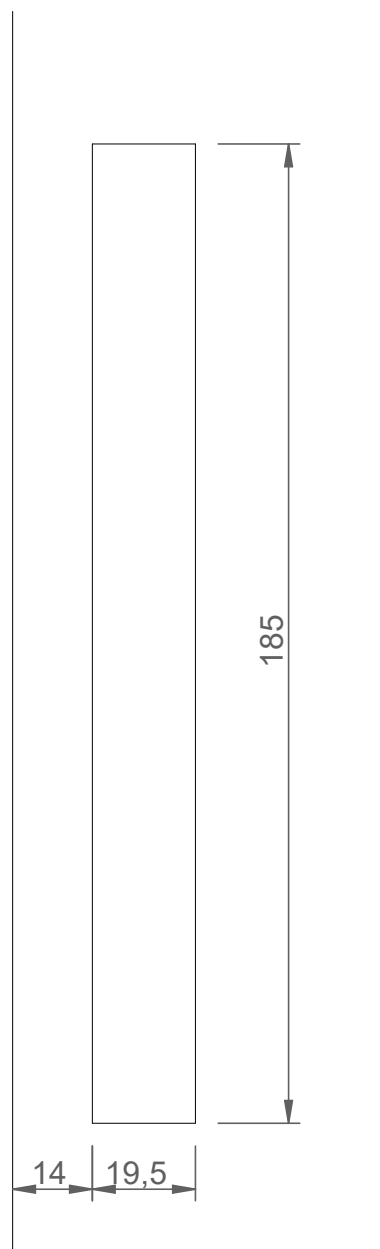
mecanizado cierre
A0003732



CR31 4210

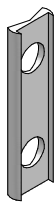
CR31 4211

mecanizado cierre
A0003734



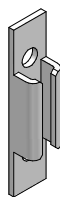
CR31 4210

CR31 4211



A000 3741

apoyo pieza 3742

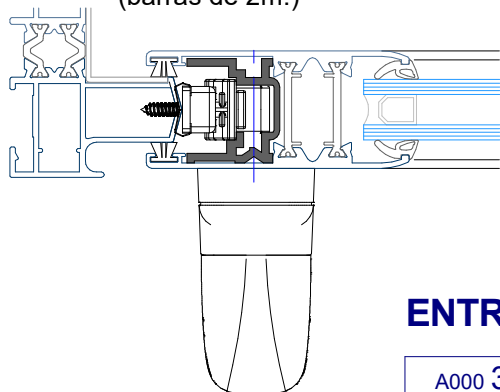


A000 3742

cerradero multipunto

A000 3749

perfil apoyo multipunto
(barras de 2m.)



ENTRADA 7,5mm

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

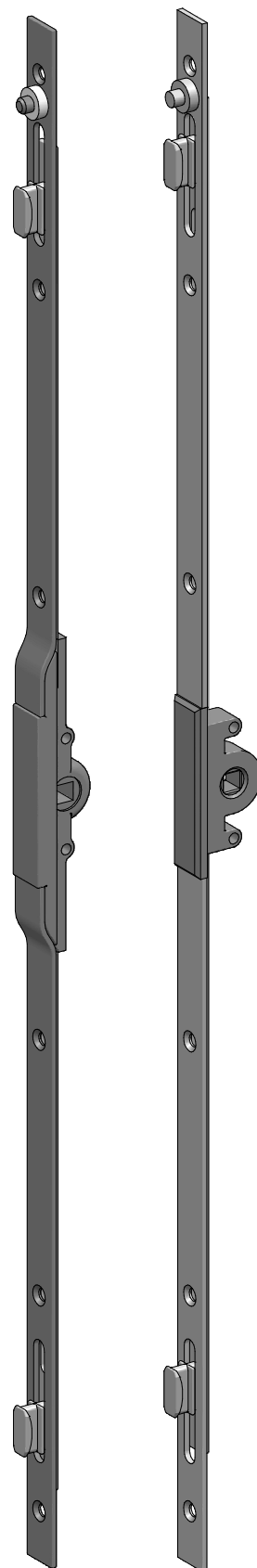
A000 37481

mult (3 pto) long 1800

ENTRADA 15mm

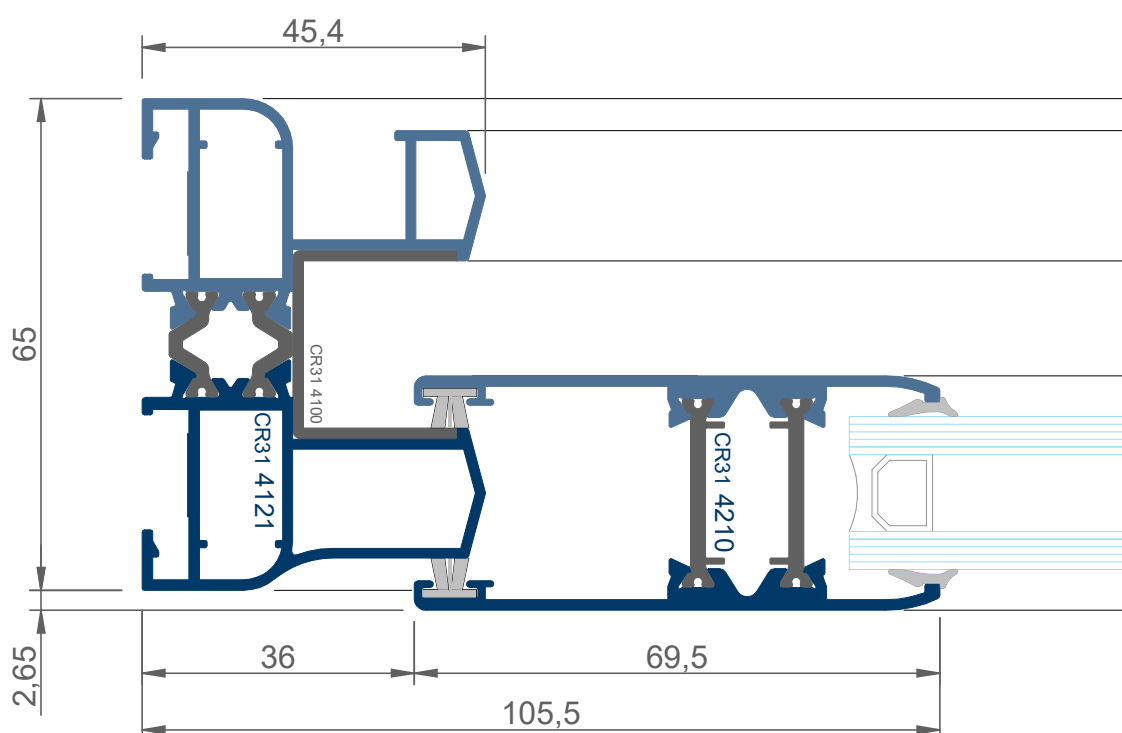
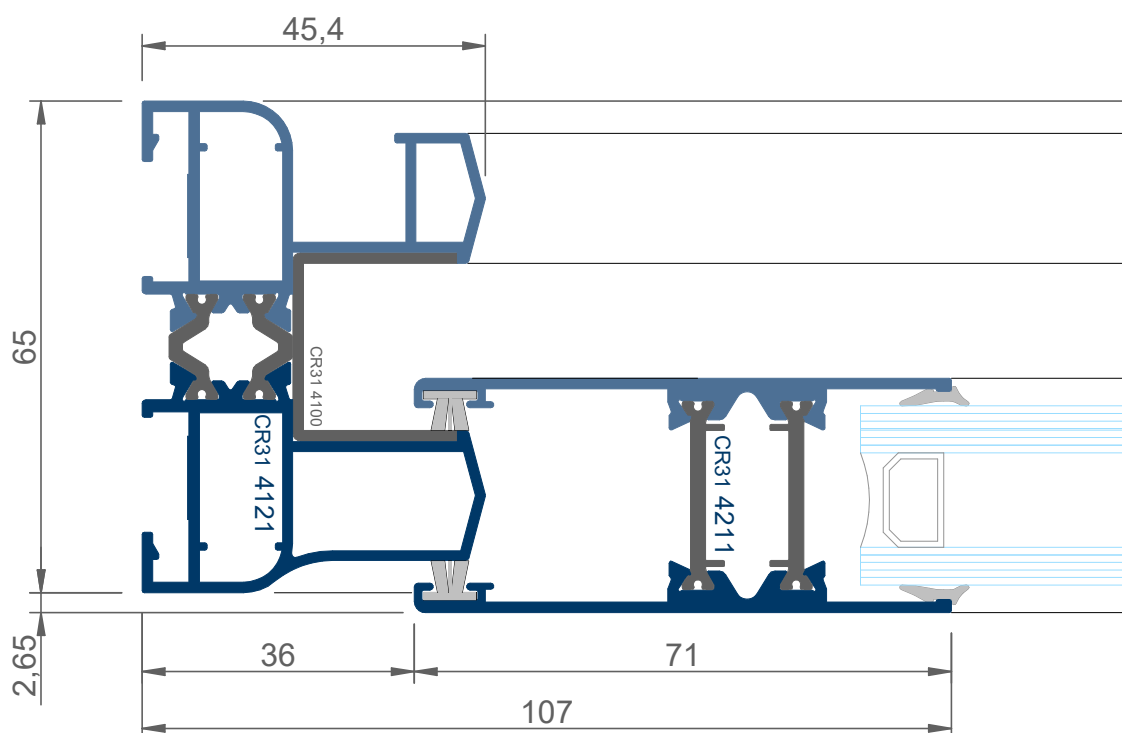
A000 37473

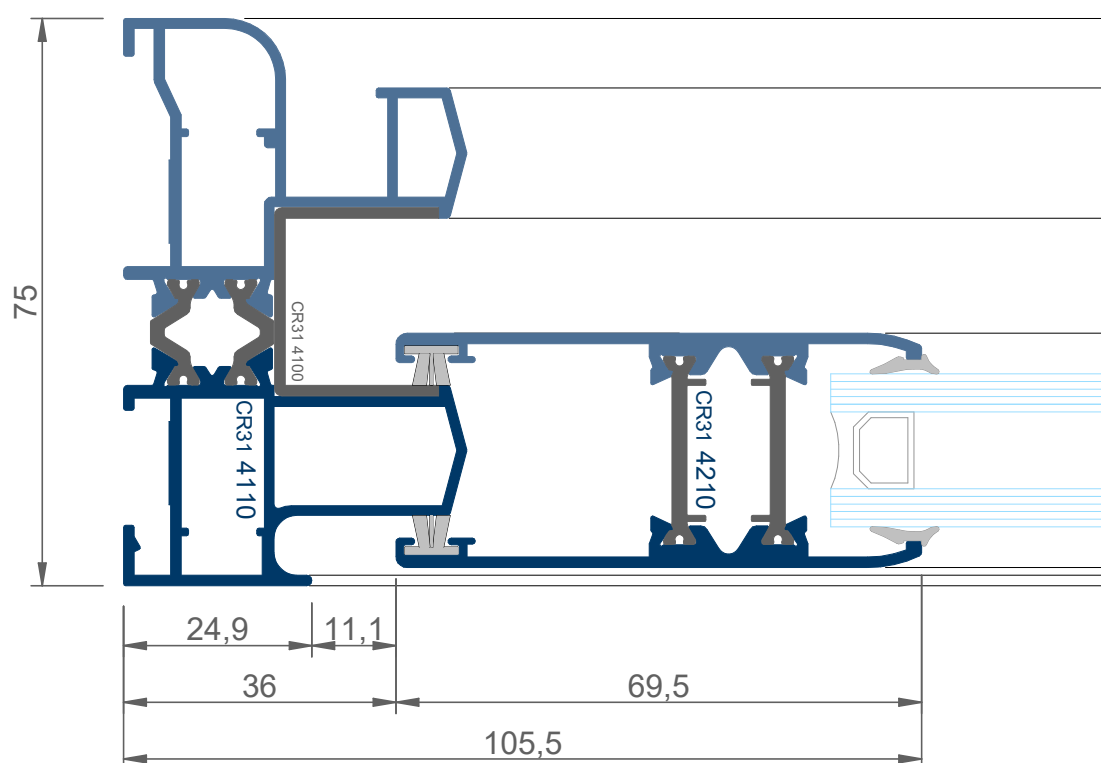
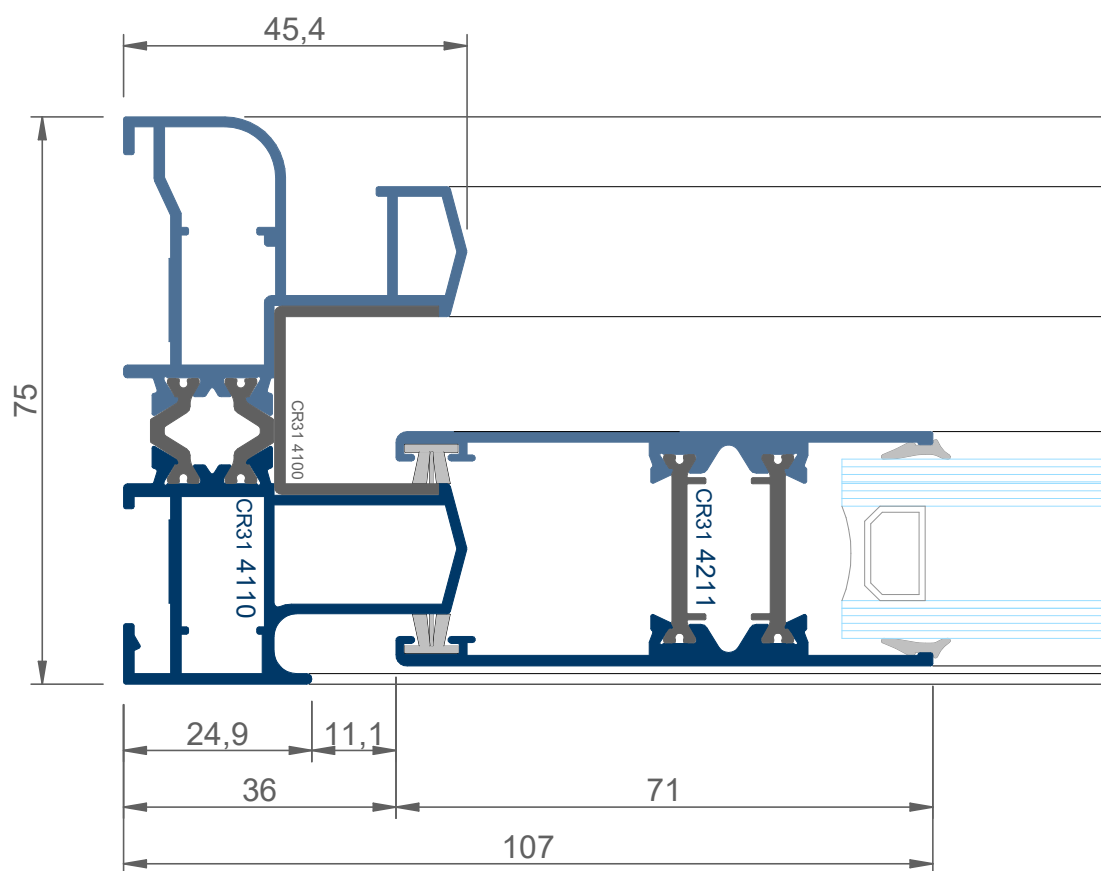
mult (3 pto) con llave
long 1800

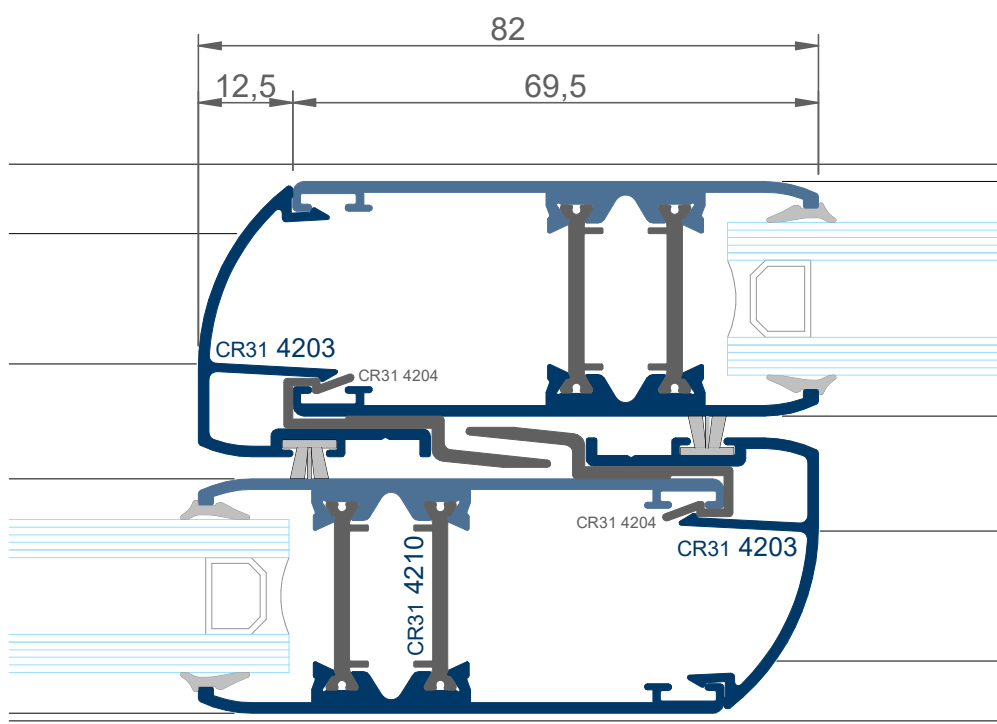
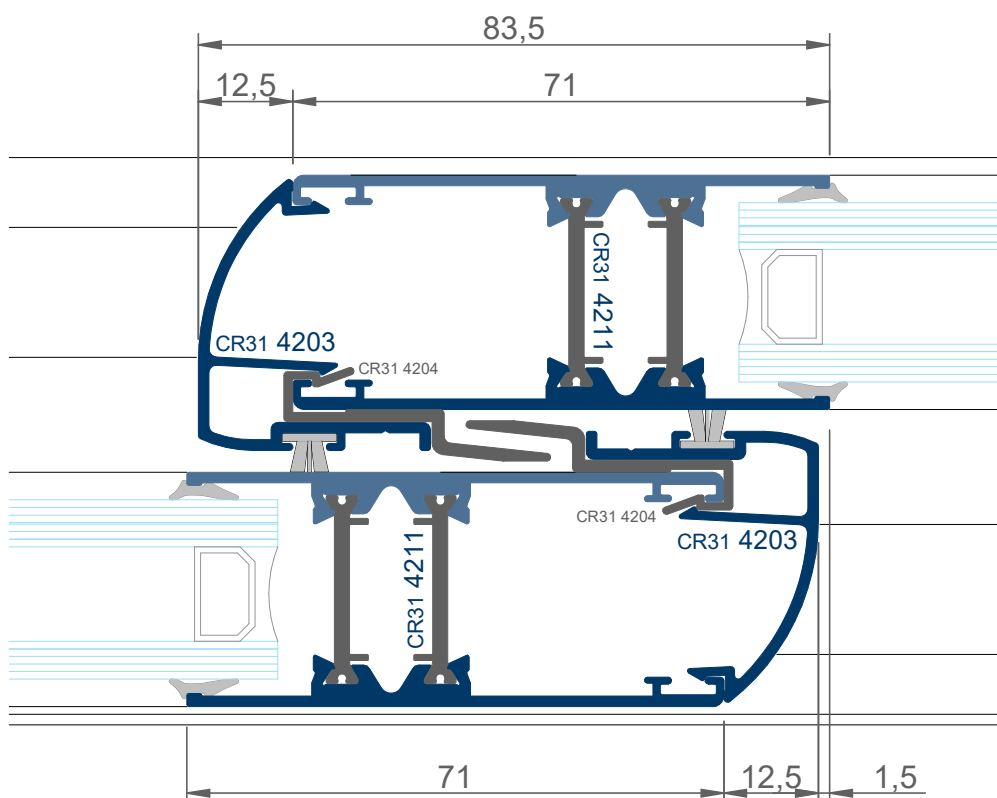


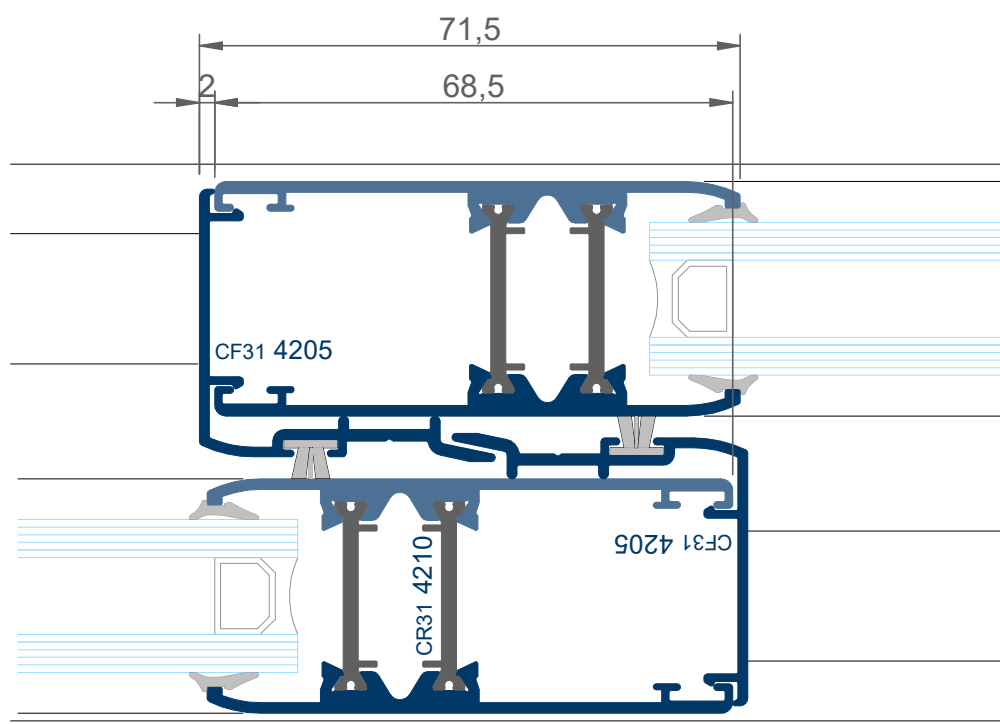
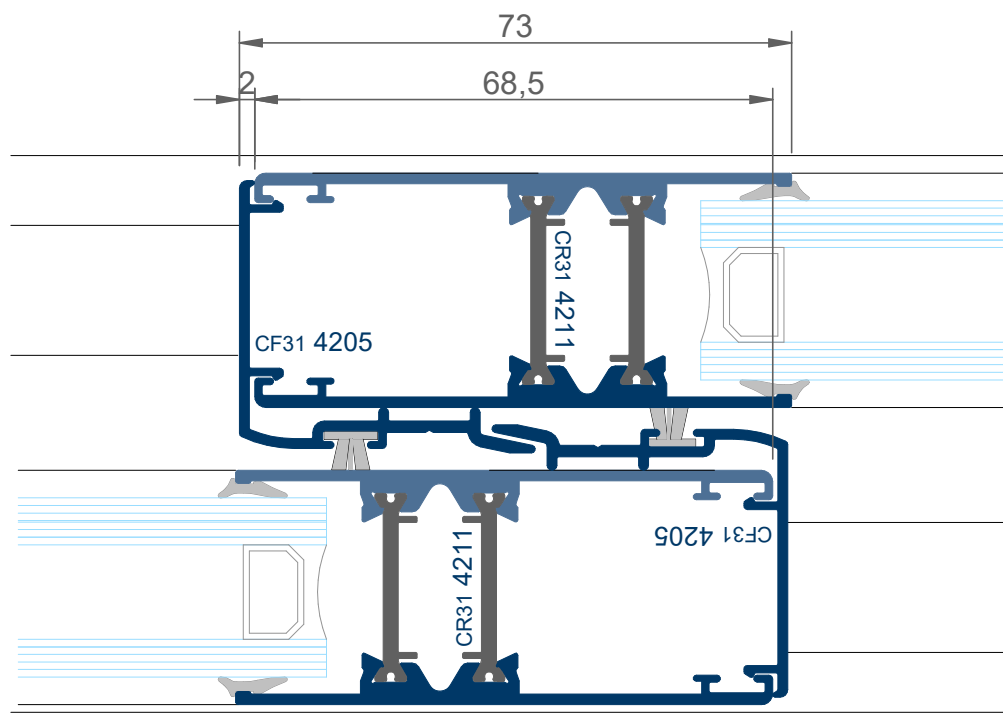
alt minima corred	1000	1400	2200
herraje entrada 7,5	A000 3746	A000 3747	A000 3748
herraje entrada 15			A000 37373
puntos de cierre	2	2	3
cerradero	A000 3742 (2uds)	A000 3742 (2uds)	A000 3742 (3uds)
calce cerradero	A000 3741 (2uds)	A000 3741 (2uds)	A000 3741 (3uds)
cremona	A000 3xxx (1 ud)	A000 3xxx (1 ud)	A000 3xxx (1 ud)
perfil apoyo herraje	A000 3749	A000 3749	A000 3749

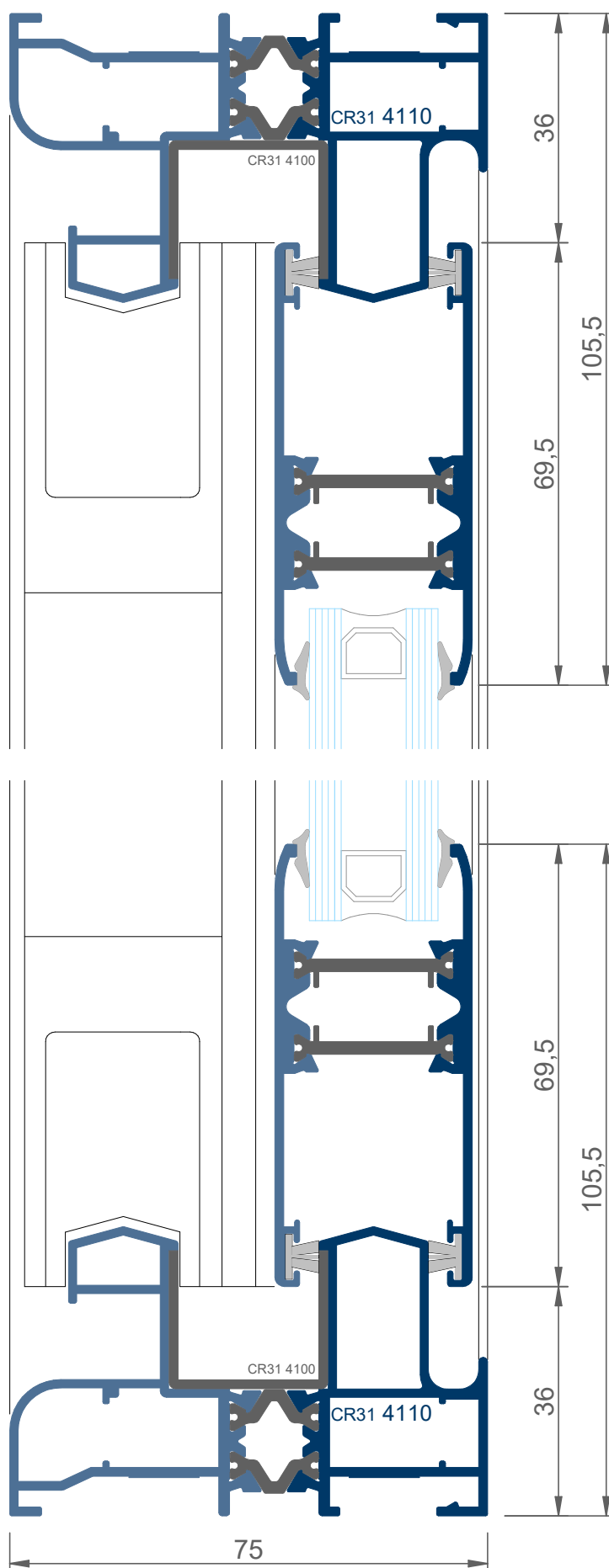
Diseño
Confort
Silencio

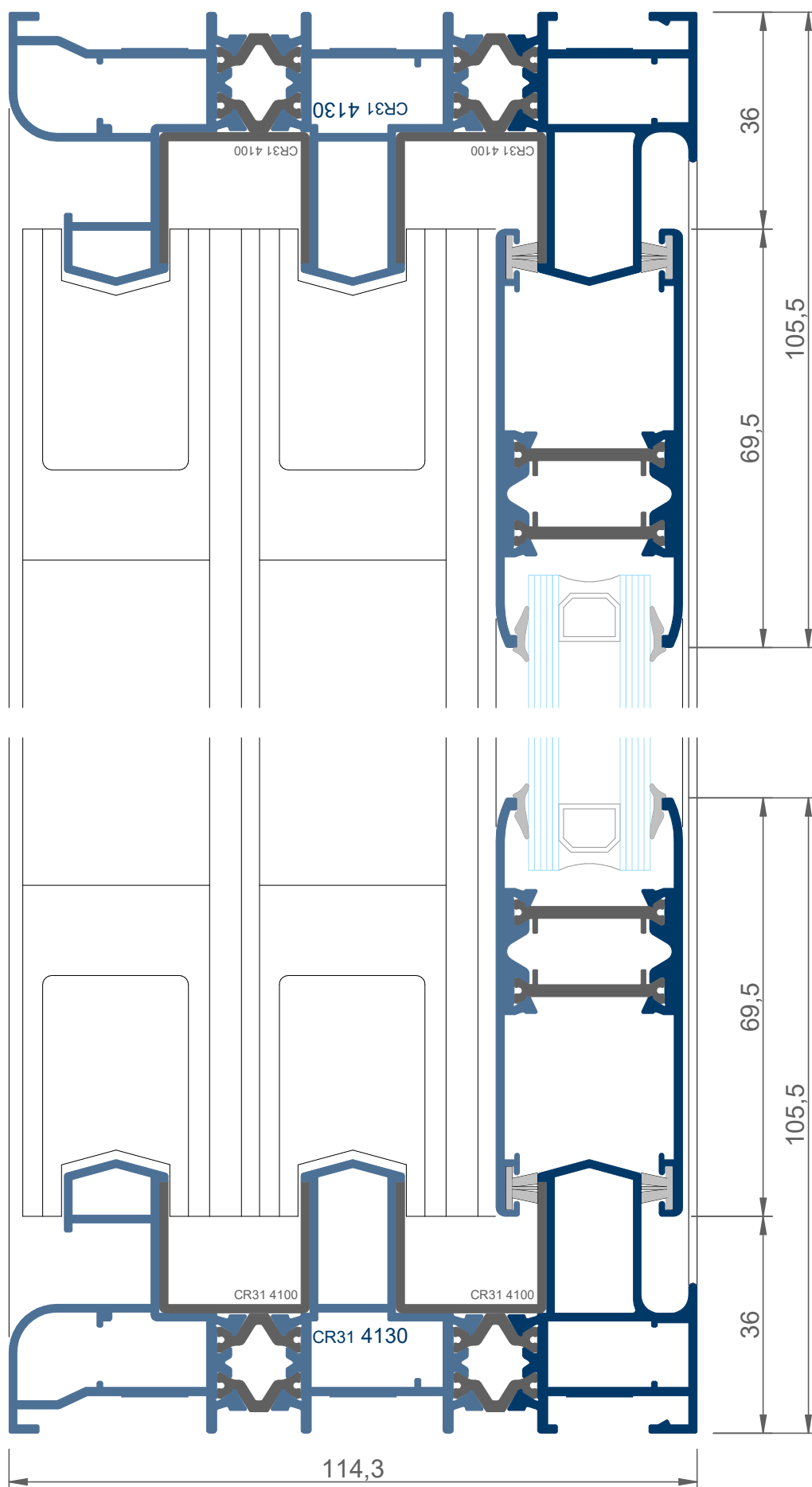


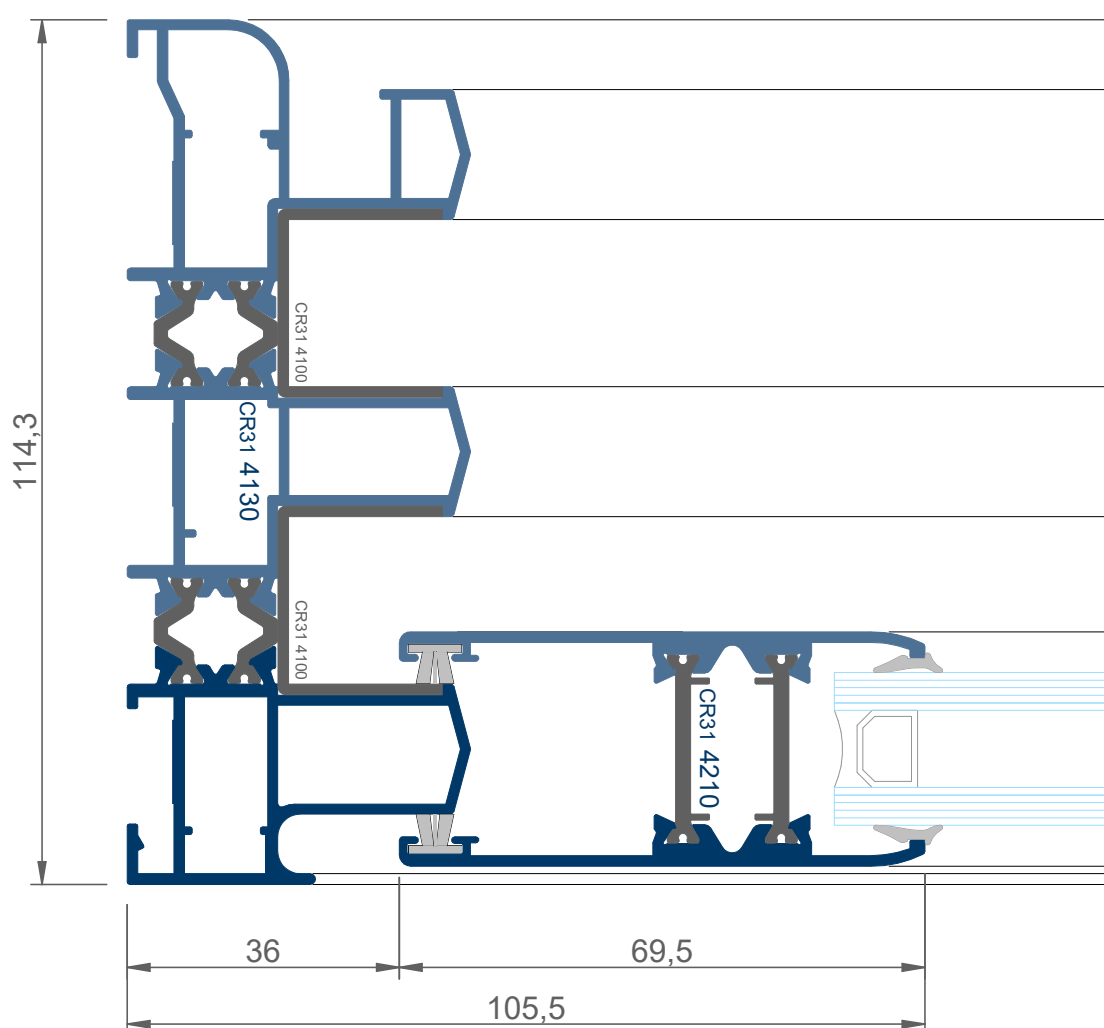


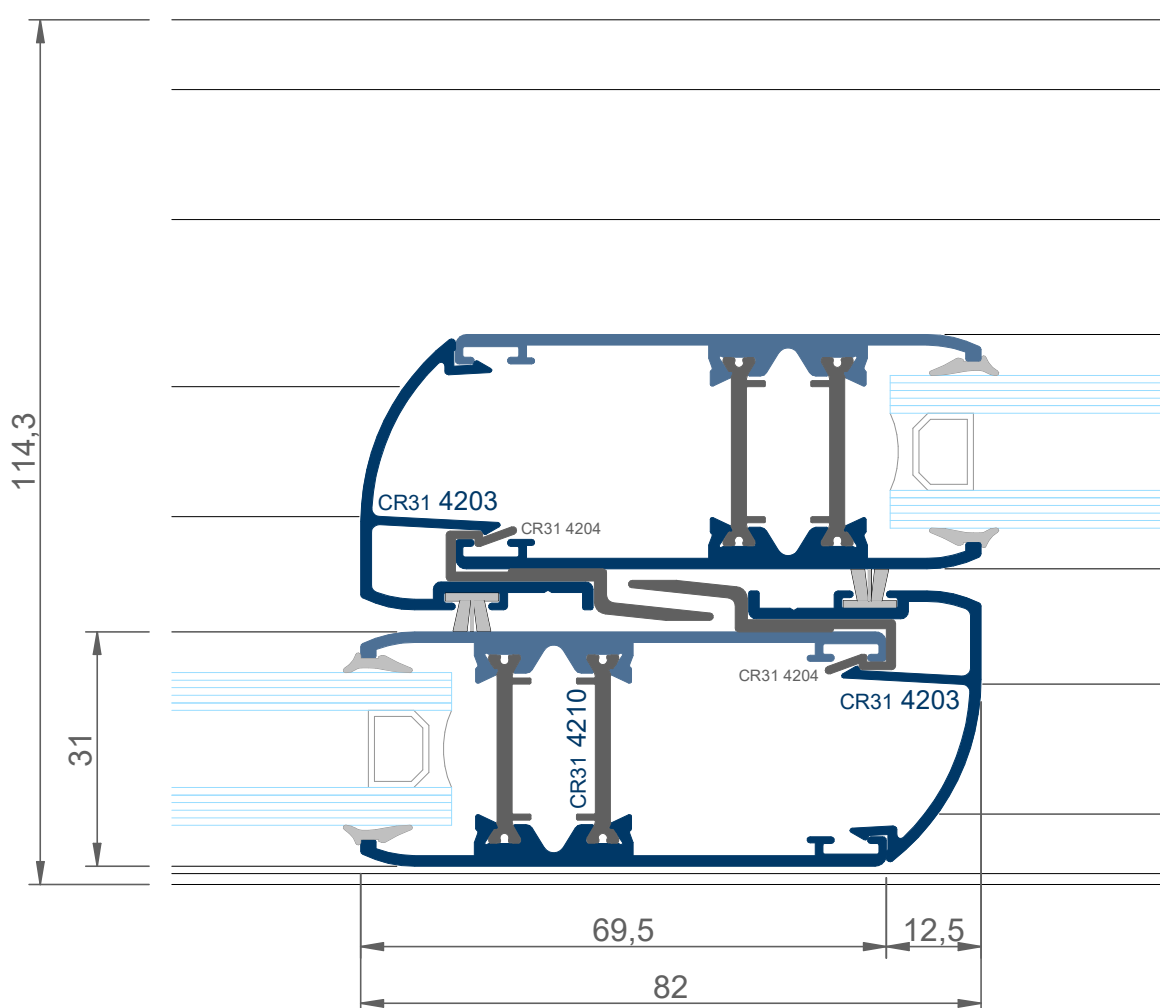


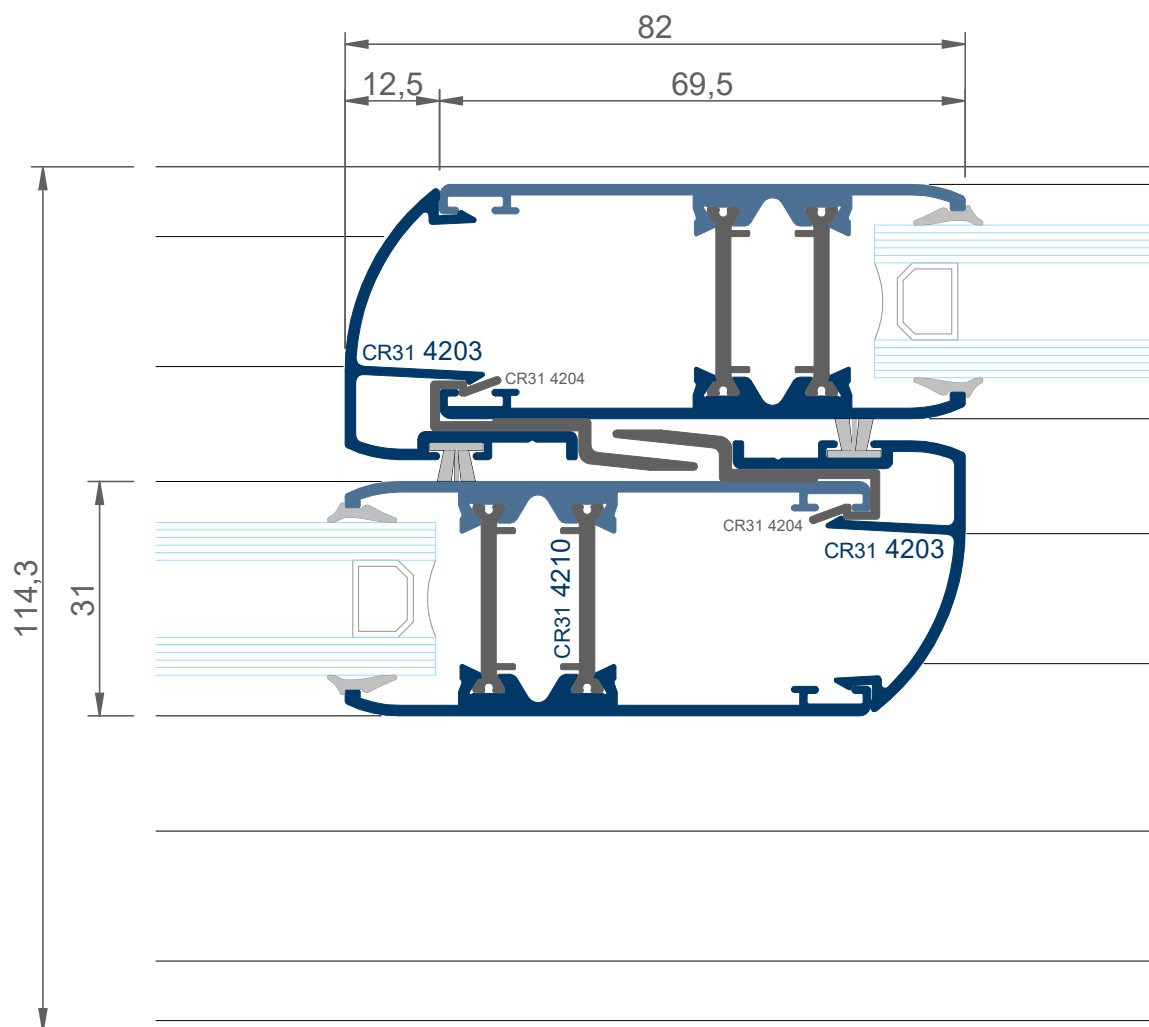


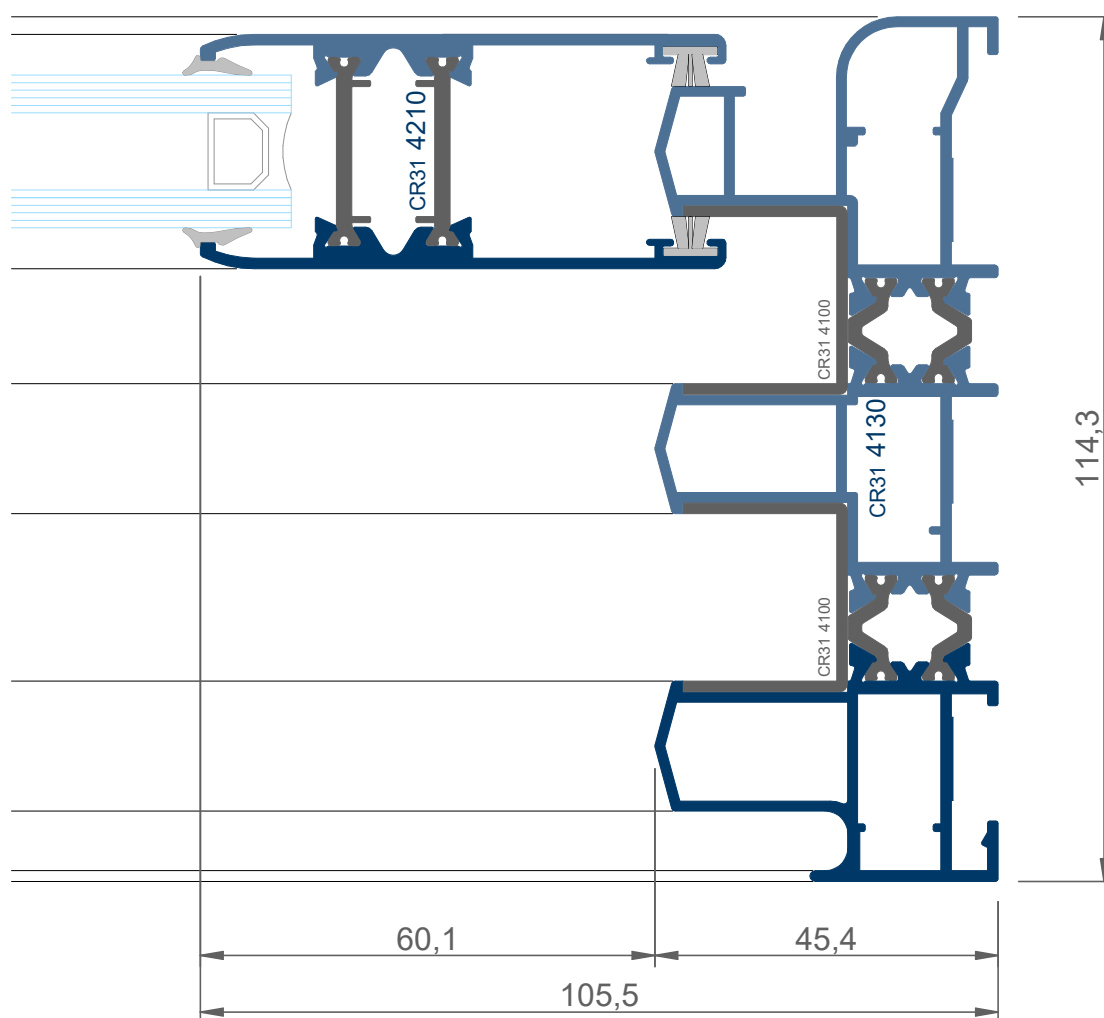


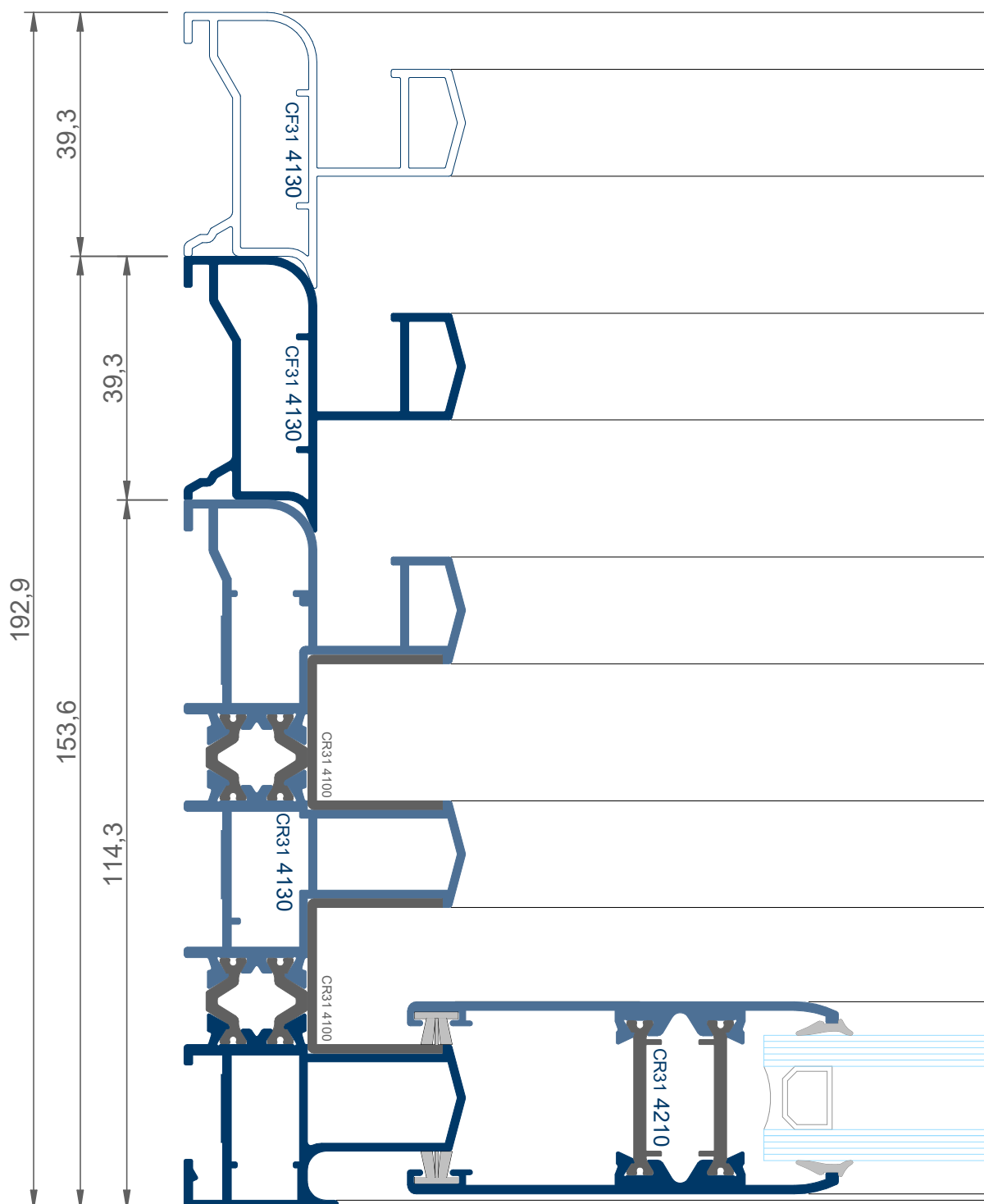


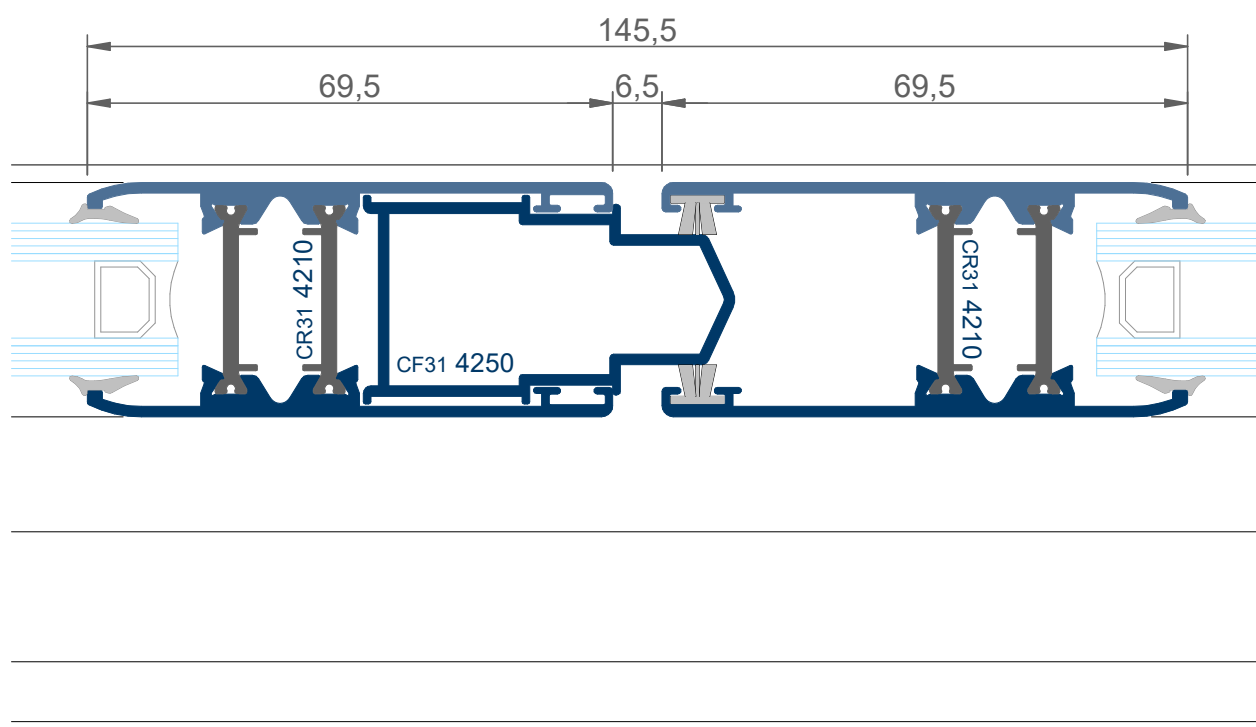


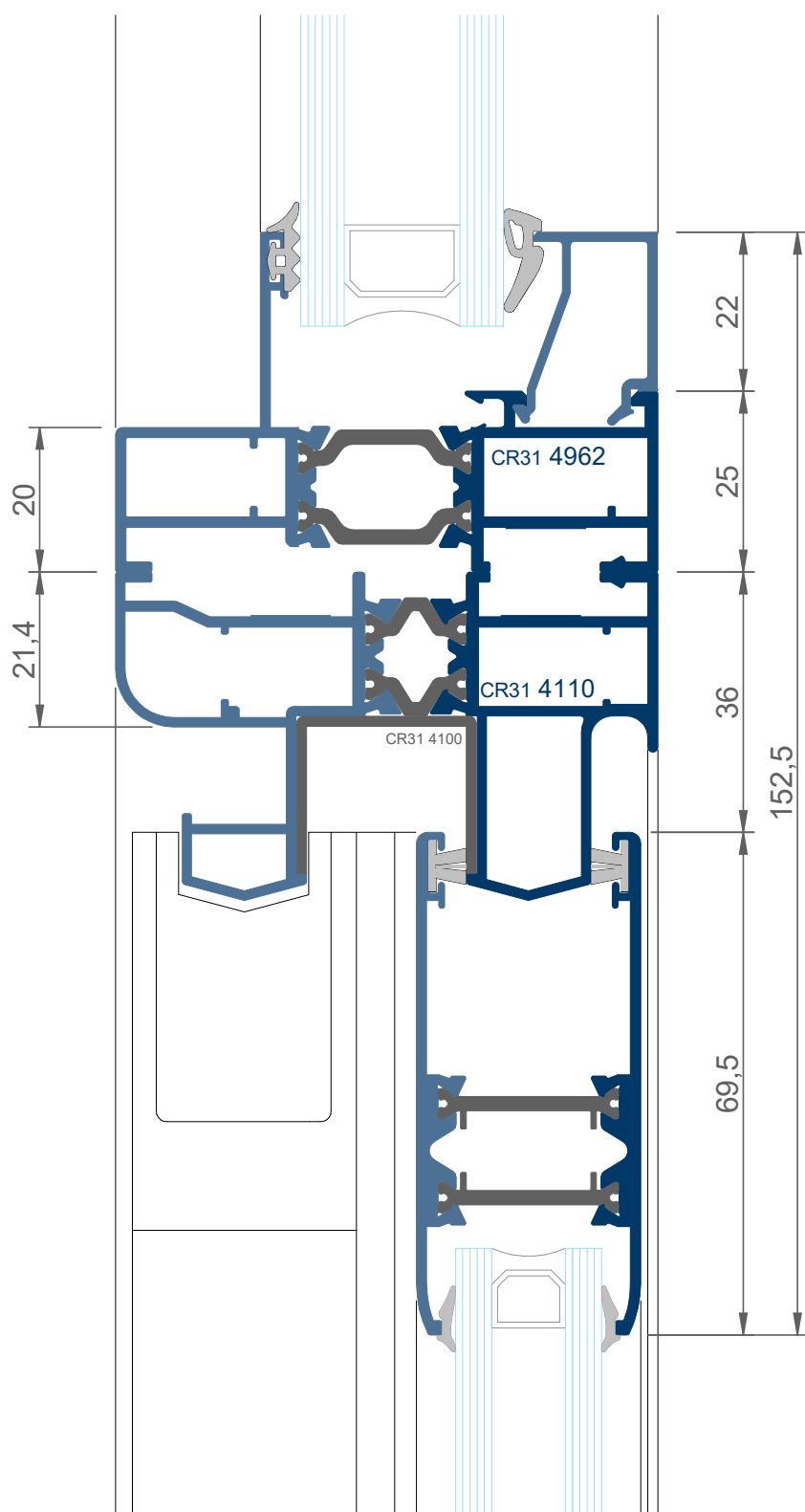




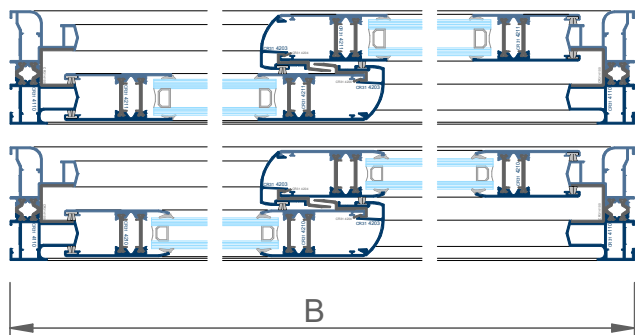
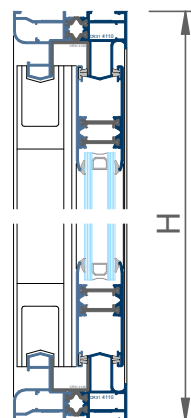
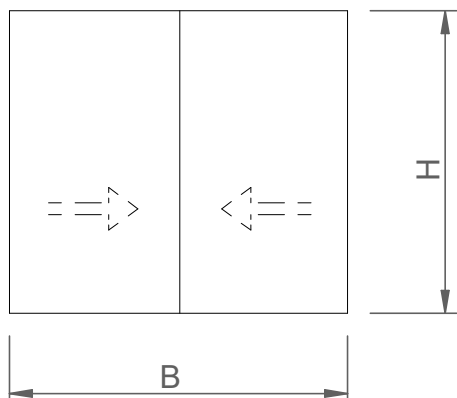






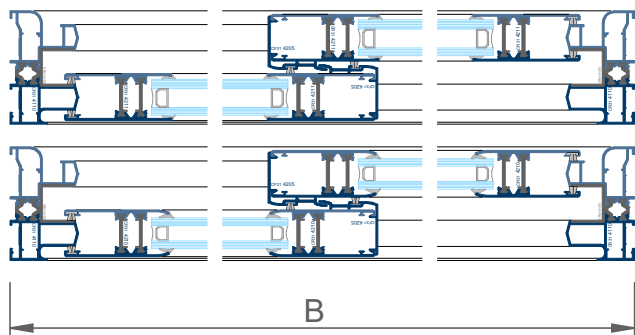
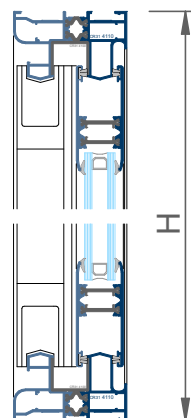
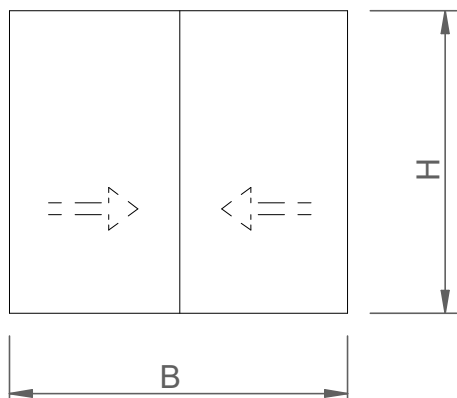


Diseño
Confort
Silencio



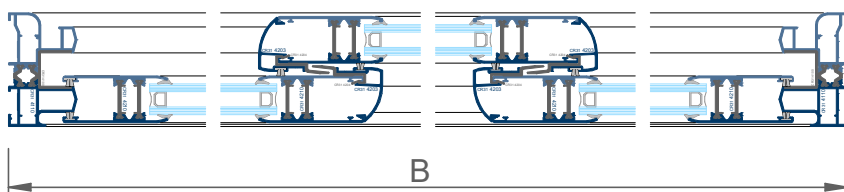
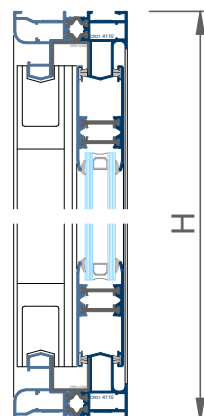
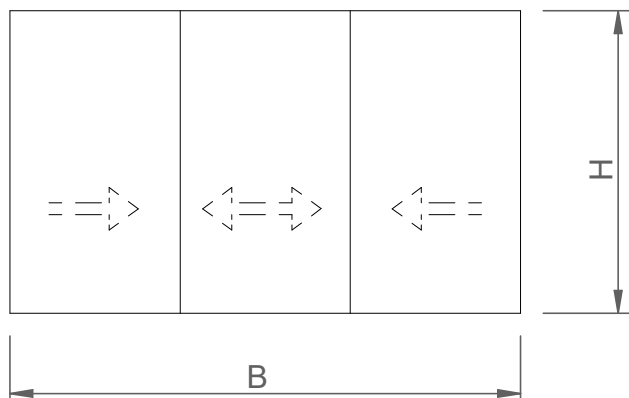
FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210/11	4	(B-15)/2	\ --- /
hoja vertical	CR31.4210/11	4	H-71	\ --- /
complemento cruce	CR31.4204	2	H-181	---
perfil cruce central	CR31.4203	2	H-181	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio	2	(B-245)/2 x H-187		

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		16
deflector con lamina	A000.2300		2
cortavientos superior	A000.2346		1
cortavientos inferior	A000.2347		1
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	A000.2344		2
ruedas	A000.37XX		4
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+6H



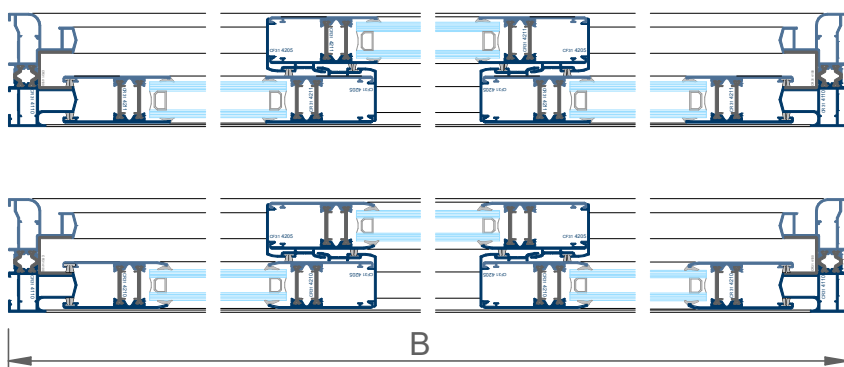
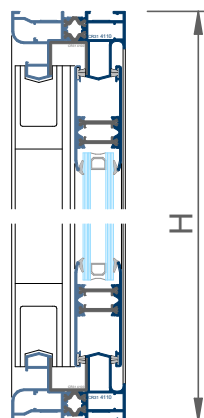
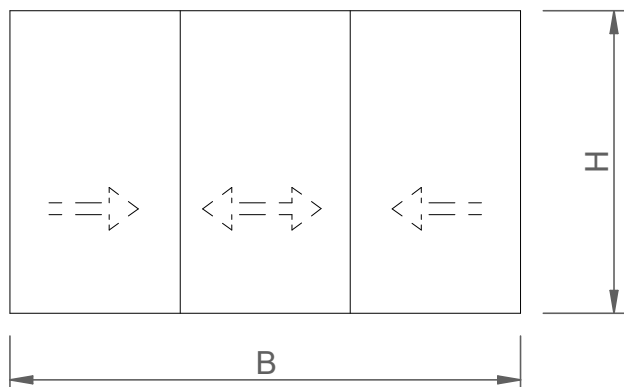
FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210/11	4	(B-3)/2	\ --- /
hoja vertical	CR31.4210/11	4	H-71	\ --- /
perfil cruce central	CR31.4203	2	H-181	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio		2	(B-233)/2 x H-187	

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		16
deflector con lamina	A000.2300		2
cortavientos superior	A000.2346		1
cortavientos inferior	A000.2347		1
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	CF31.2344		2
ruedas	A000.37XX		4
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+6H



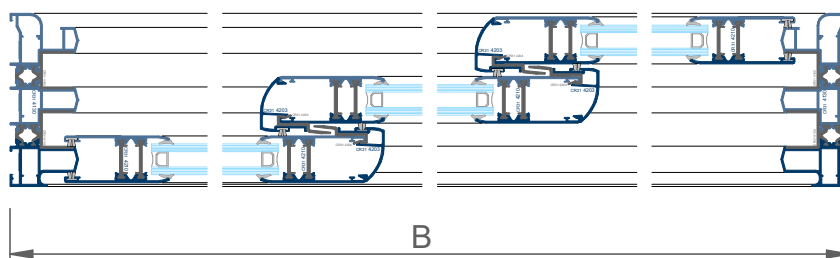
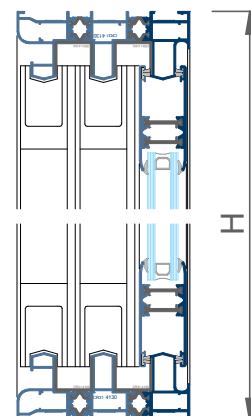
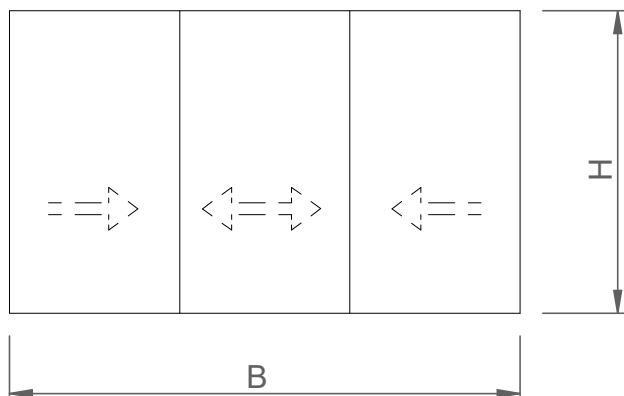
FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210	6	(B+42)/3	\ --- /
hoja vertical	CR31.4210	6	H-71	\ --- /
complemento cruce	CR31.4204	4	H-181	---
perfil cruce central	CR31.4203	4	H-181	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio	3		(B-303)/3 x H-187	

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		20
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		2
cortavientos inferior	A000.2347		2
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	A000.2344		4
ruedas	A000.37XX		6
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+8H



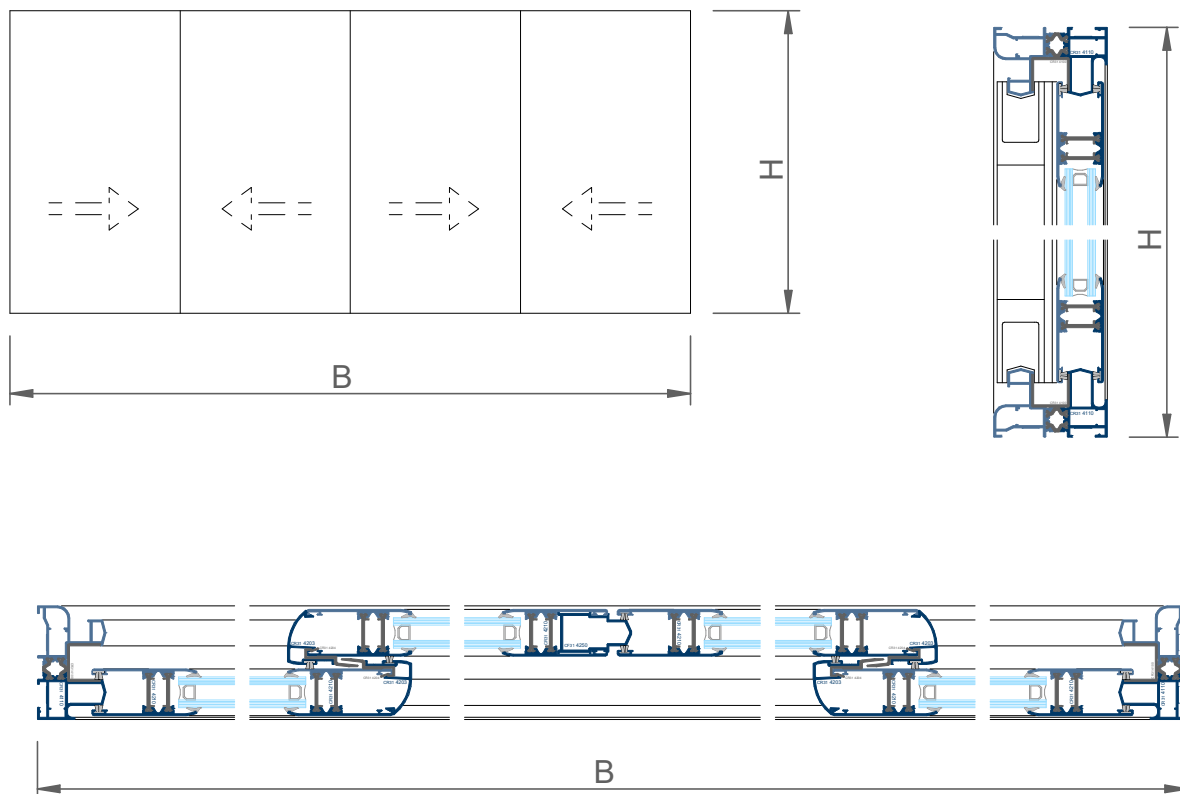
Fórmulas de corte				
		UDS	Fórmula	Forma
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210/11	6	(B+65)/3	\ --- /
hoja vertical	CR31.4210/11	6	H-71	\ --- /
perfil cruce central	CR31.4205	4	H-181	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio	3		(B-280)/3 x H-187	

Accesorios			UDS
escuadra marco y hoja	A000.2110		20
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		2
cortavientos inferior	A000.2347		2
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	CF31.2344		4
ruedas	A000.37XX		6
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+8H



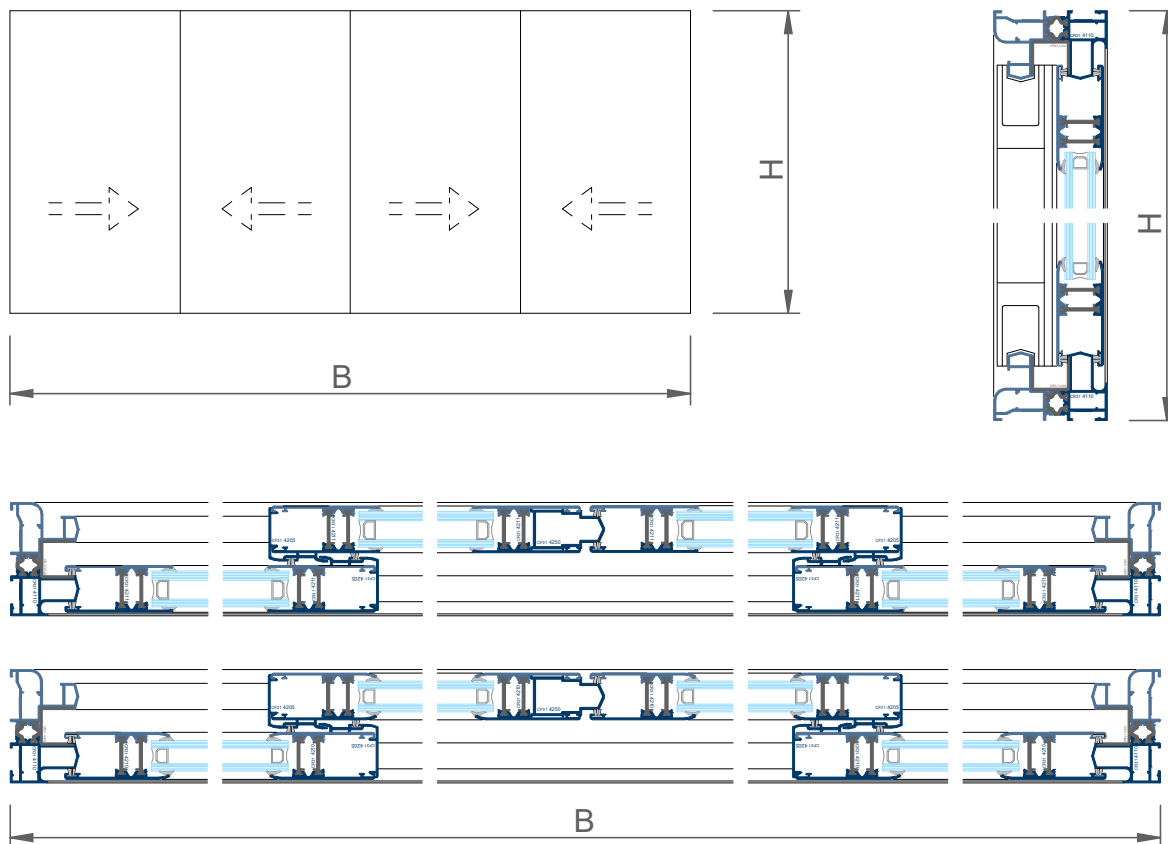
FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4130	2	B	\ --- /
marco vertical	CR31.4130	2	H	\ --- /
hoja horizontal	CR31.4210	6	(B+42)/3	\ --- /
hoja vertical	CR31.4210	6	H-71	\ --- /
complemento cruce	CR31.4204	4	H-181	---
perfil cruce central	CR31.4203	4	H-181	---
U cubre carriles horizontal	CR31.4100	4	B-40	\ --- /
U cubre carriles vertical	CR31.4100	4	H-40	\ --- /
vidrio 3 (B-303)/3 x H-187				

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		24
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		2
cortavientos inferior	A000.2347		2
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	A000.2344		4
ruedas	A000.37XX		6
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+8H



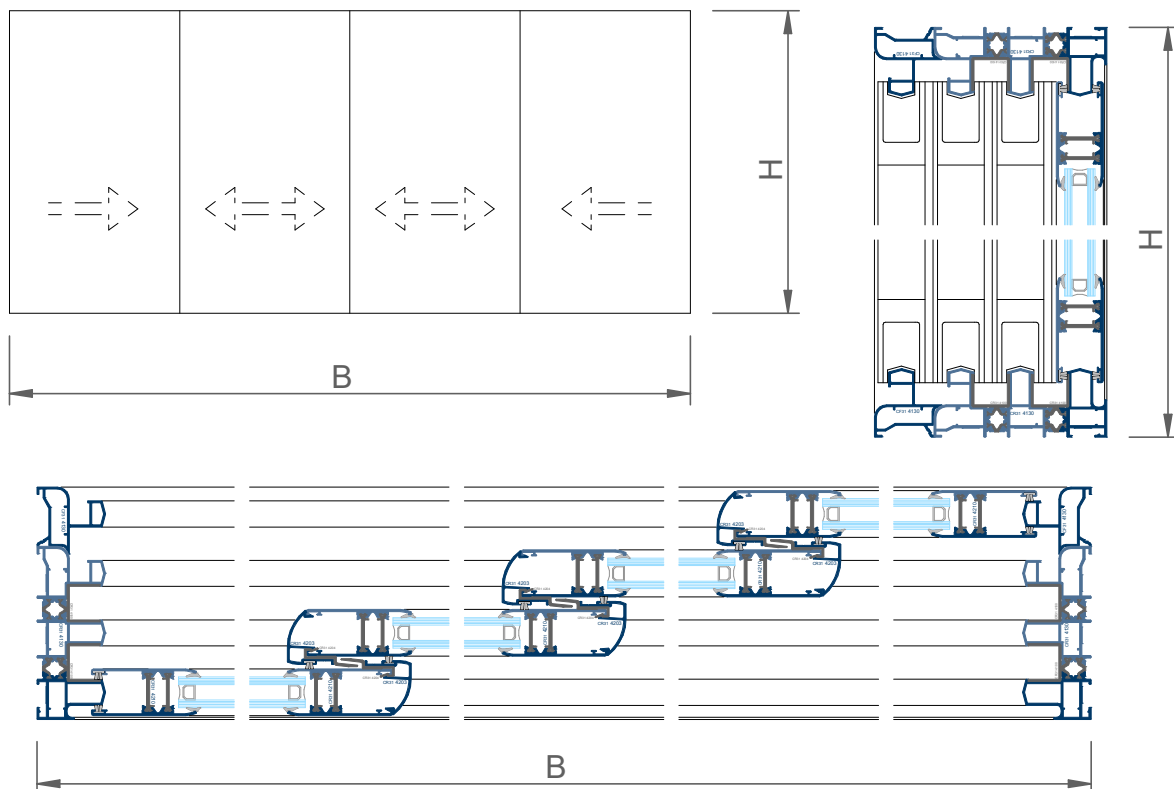
Fórmulas de corte				
		UDS	Fórmula	Forma
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210	8	$(B+35)/4$	\ --- /
hoja vertical	CR31.4210	8	H-71	\ --- /
complemento cruce	CR31.4204	4	H-181	---
perfil cruce central	CR31.4203	4	H-181	---
perfil encuentro central	CF31.4250	1	H-151	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio	4		$(B-424)/4 \times H-187$	

Accesorios			UDS
escuadra marco y hoja	A000.2110		24
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		2
cortavientos inferior	A000.2347		2
juego piezas int hoja	A000.2345		4
juego tapas centrales hoja	A000.2344		4
tapa terminal CF314250	CF31.2350		2
ruedas	A000.37XX		8
cierre (según modelo)	ver D01 a D04		3
cepillo estanquidad 7x6	A000.2376		4B+10H



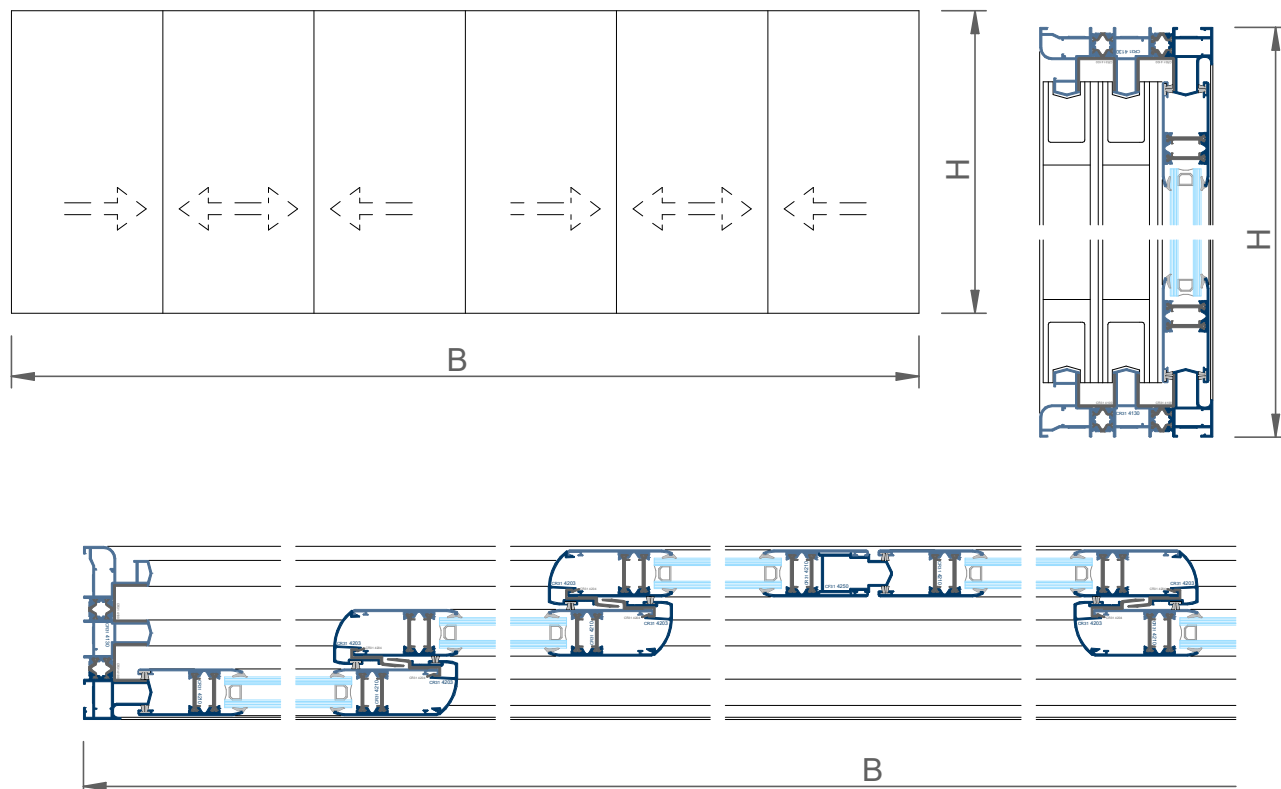
Fórmulas de corte				
		UDS	Fórmula	Forma
marco horizontal	CR31.4110	2	B	\ --- /
marco vertical	CR31.4110	2	H	\ --- /
hoja horizontal	CR31.4210/11	8	(B+59)/4	\ --- /
hoja vertical	CR31.4210/11	8	H-71	\ --- /
perfil cruce central	CF31.4205	4	H-181	---
perfil encuentro central	CF31.4250	1	H-151	---
U cubre carriles horizontal	CR31.4100	2	B-40	\ --- /
U cubre carriles vertical	CR31.4100	2	H-40	\ --- /
vidrio	4		(B-402)/4 x H-187	

Accesorios			UDS
escuadra marco y hoja	A000.2110		24
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		2
cortavientos inferior	A000.2347		2
juego piezas int hoja	A000.2345		4
juego tapas centrales hoja	CF31.2344		4
tapa terminal CF314250	CF31.2350		2
ruedas	A000.37XX		8
cierre (según modelo)	ver D01 a D04		3
cepillo estanquidad 7x6	A000.2376		4B+10H



FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4130	2	B	\ --- /
marco vertical	CR31.4130	2	H	\ --- /
marco adicional horizontal	CF31.4130	2	B	\ --- /
marco adicional vertical	CF31.4130	2	H	\ --- /
hoja horizontal	CR31.4210	8	$(B+104)/4$	\ --- /
hoja vertical	CR31.4210	8	H-71	\ --- /
complemento cruce	CR31.4204	6	H-181	---
perfil cruce central	CR31.4203	6	H-181	---
U cobre carriles horizontal	CR31.4100	4	B-40	\ --- /
U cobre carriles vertical	CR31.4100	4	H-40	\ --- /
vidrio 4 (B-360)/4 x H-187				

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		32
deflector con lamina	A000.2300		6
cortavientos superior	A000.2346		3
cortavientos inferior	A000.2347		3
juego piezas int hoja	A000.2345		2
juego tapas centrales hoja	A000.2344		6
ruedas	A000.37XX		8
cierre (según modelo)	ver D01 a D04		2
cepillo estanquidad 7x6	A000.2376		4B+10H



FORMULAS DE CORTE				
		UDS	FORMULA	FORMA
marco horizontal	CR31.4130	2	B	\ --- /
marco vertical	CR31.4130	2	H	\ --- /
hoja horizontal	CR31.4210	12	$(B+150)/6$	\ --- /
hoja vertical	CR31.4210	12	H-71	\ --- /
complemento cruce	CR31.4204	8	H-181	---
perfil cruce central	CR31.4203	8	H-181	---
perfil encuentro central	CF31.4250	1	H-151	---
U cubre carriles horizontal	CR31.4100	4	B-40	\ --- /
U cubre carriles vertical	CR31.4100	4	H-40	\ --- /
vidrio	6		$(B-540)/6 \times H-187$	

ACCESORIOS			UDS
escuadra marco y hoja	A000.2110		36
deflector con lamina	A000.2300		3
cortavientos superior	A000.2346		4
cortavientos inferior	A000.2347		4
juego piezas int hoja	A000.2345		4
juego tapas centrales hoja	A000.2344		8
tapa terminal CF314250	CF31.2350		2
ruedas	A000.37XX		12
cierre (según modelo)	ver D01 a D04		3
cepillo estanquidad 7x6	A000.2376		4B+14H

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