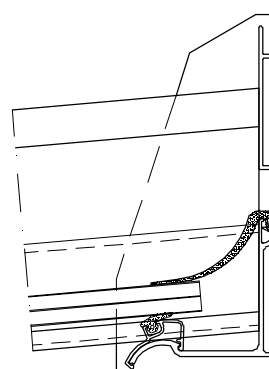


# aliver 100

5/2/2008

NIET THERMISCHE VERANDA  
VERANDA NON THERMIQUE  
NICHT THERMISCHE WINTERGARTEN  
NON THERMAL CONSERVATORY



<b>VR100a</b>	PROFIELEN _____ P. 11 PROFILS PROFILE PROFILES
<b>VR100b</b>	TOEBEHOREN _____ P. 25 ACCESSOIRES ZUBEHORTEILE ACCESSORIES
<b>VR100c</b>	STATICA _____ P. 35 STATIQUE STATIK STATICS
<b>VR100d</b>	DOORSNEDEN _____ P. 55 COUPES SCHNITT SECTIONS
<b>VR100e</b>	ZAAGTABELLEN _____ P. 75 TABLES DE SCIAGES ZUSCHNITT-TABELLEN SAWING TABLES
<b>VR100f</b>	WERKTEKENINGEN _____ P. 77 DESSINS DE CONSTRUCTION KONSTRUKTIONZEICHNUNGEN CONSTRUCTION DRAWINGS

## AFKORTINGEN / ABBREVIATIONS / ABKURZUNGEN / ABBREVIATIONS

BR = BRUT - BRUT - ROH - BRUT

AN = GEANODISEERD - ANODISE - ELOXIERT - ANODISED

AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M

KL = STANDAARDKLEUREN - COULEURS STANDARDS - BASIS FARBEN - BASIC COLORS

GS = SPECIAAL GEMOFFELD - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR

Z = ZWART - NOIR - SCHWARZ - BLACK

W = WIT - BLANC - WEISS - WHITE

De tekeningen die voorgesteld zijn op schaal 1:1, kunnen kleine maatafwijkingen vertonen, te wijten aan de reproductietechniek van deze catalogoog.

Les dessins représentés à l'échelle 1 peuvent avoir de légères variations dimensionnelles dues aux techniques de reproduction de ce catalogue.

Die Zeichnungen im Maßstab 1:1 können aus technischen Reproduktionsgründen leichte Messungsschwankungen darstellen.

The drawings represented on a scale 1 basis may have light dimensional variations due to the reproduction of the manual.

<b>LIGGERS</b>	P. 11
CHEVRONS TRAGERS ROOF BEAMS	
<b>ZIJLIGGERS</b>	P. 12
CHEVRONS LATERAL SEITENTRAGERS ROOFS BEAM SIDE	
<b>MUURPROFIELEN</b>	P. 14
PROFILS MURAL MAUERPROFIELEN WALL PROFILES	
<b>GOOTPROFIELEN</b>	P. 15
GOUTTIERE RINNE GUTTER	
<b>RINGBALKEN</b>	P. 17
POUTRE D'ANNEAU RINGBALKEN RINGBEAM	
<b>VERSTERKINGSPROFIELEN</b>	P. 18
PROFILS RENFORCEMENT VERSTEIFUNG PROFIELEN REINFORCEMENT PROFILES	
<b>POLYCARBONAATPROFIELEN</b>	P. 19
PROFILS POLYCARBONATE FALZLEISTENPROFIELEN POLYCARBONATE PROFILES	
<b>GORDIJNRAILS</b>	P. 20
GLISSIERES VORHANGSCHIENEN CURTAIN RAILS	
<b>DIVERSE PROFIELEN</b>	P. 21
PROFILS DIVERS DIVERS PROFIELEN VARIED PROFILES	

**POLYCARBONAAT** \_\_\_\_\_ P. 55  
POLYCARBONATES  
POLYCARBONAT  
POLYCARBONATE

**GLAS** \_\_\_\_\_ P. 67  
VERRE  
GLAS  
GLASS

**VERANDA MET LIGGER VR160** \_\_\_\_\_ **P. 75**  
VERANDA AVEC CHEVRON VR160  
WINTERGARTEN MIT TRAGER VR160  
CONSERVATORY WITH ROOF BEAM VR160

**VERANDA MET LIGGER VR161** \_\_\_\_\_ **P. 76**  
VERANDA AVEC CHEVRON VR161  
WINTERGARTEN MIT TRAGER VR161  
CONSERVATORY WITH ROOF BEAM VR161

**MAATBEPALING HOOGTE TRAPEZIUM VAN 5° TOT 15°** \_\_\_\_\_ **P. 77**  
DIMENSIONS HAUTEUR TRAPEZE DE 5° JUSQU'A 15°  
MASSABESTIMMUNG HOHE TRAPEZ VON 5° BIS 15°  
MEASURE TRAPEZIUM HEIGHT FROMM 5° UP TO 15°

**BEWERKING VR151 / VR155** \_\_\_\_\_ **P. 78**  
USINAGE VR151 / VR155  
BEARBEITUNG VR151 / 155  
MACHINING VR151 / VR155

**WATERAFVOER PVC** \_\_\_\_\_ **P. 79**  
CREPINE PVC  
REGENABFUR PVC  
LEAF TRAP PVC

**MONTAGE GOOT** \_\_\_\_\_ **P. 80**  
MONTAGE GOUTTIER  
MONTAGE DRACHRINNE  
MONTAGE GUTTER

**MONTAGE EINDSTUKKEN** \_\_\_\_\_ **P. 82**  
MONTAGE PIECES FINALEO  
MONTAGE ENDSTUCKEN  
MONTAGE ENDPieces

**MONTAGE VR151 EN VR171 MET ACVR171** \_\_\_\_\_ **P. 84**  
MONTAGE VR151 ET VR171 AVEC ACVR171  
MONTAGE VR151 UND VR171 MIT ACVR171  
MONTAGE VR151 AND VR1 WITH ACVR171





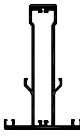

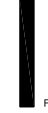

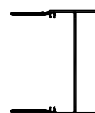



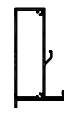




**MONTAGE VR2031** \_\_\_\_\_ **P. 85**  
MONTAGE VR2031  
MONTAGE VR2031  
MONTAGE VR2031

**UITZETTING POLYCARBONAATPLATEN** \_\_\_\_\_ **P. 86**  
EXPANSION DES PANNEAUX POLYCARBONATES  
AUSDEHNUNG POLYCARBONAT PLATTEN  
EXPANSION POLYCARBONATE PLATES

NUMMER NUMERO NUMBER	AFBEELDING IMAGE BILD PICTURE	BLAD PAGE SEITE PAGE	OMTREK PERIM. UMRIB PERIM. mm	MECH. MECH. MECH. mm	lx (cm4)		LENGTE LONG. LANGE LENGTH	VERP. PER EMB. PAR PACK PR.	BR	AN	KL	GS	M1
					Wx (cm3)	Wy (cm3)							
VR040		19	130.6	37.6	-	-	7	10	X	X	X	X	
VR041		19	162.6	53.6	-	-	7	6	X	X	X	X	
VR043		19	151.5	68.3	-	-	7	10	X	X	X	X	
VR044		19	159.5	76.4	-	-	7	6	X	X	X	X	
VR110		17	565.3	499.8	636.64 74.62	156.67 29.56	7	1	X	X	X	X	
VR122		18	576	-	162.47 19.78	273.55 44.94	7	-	X				
VR123		23	408	238	-	-	7	2	X	X	X	X	
VR124		23	273.8	213.6	-	-	7	2	X	X	X	X	
VR151		15	918	303.5	226.56 28.58	530.24 63.8	5 7	1	X	X	X	X	

BR = BRUT - BRUT - ROH - BRUT  
AN = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
M1 = BICOLOR - BICOLOR - BICOLOR - BICOLOR

A = BUITEN - EXTERIEUR - AUSSEN - OUTSIDE  
B = BINNEN - INTERIEUR - INNEN - INSIDE

NUMMER NUMERO NUMBER	AFBEELDING IMAGE BILD PICTURE	BLAD PAGE SEITE PAGE	OMTREK PERIM. UMRIB PERIM. mm	MECH. MEC. MECH. mm	Ix (cm4)	ly (cm4)	LENGTE LONG. LANGE LENGTH	VERP. PER EMB. PAR PACK PR.	BR	AN	KL	GS	M1
					Wx (cm3)	Wy (cm3)							
VR155	 	14	584	165	216.12 18.06	32.77 5.6	5 7	2	X	X	X	X	
VR160	 	11	524	242.6	156.89 20.52	9.35 3.11	7	2	X	X	X	X	
VR161	 	11	547	282.6	225.6 30.05	27.12 6.78	5 7	1	X	X	X	X	
VR162	 	22	250	-	166.37 30.25	3.09 4.12	6	-	X				
VR171	 	21	579	214	55.02 8.72	156.05 28.37	2.3 4.7	2	X	X	X	X	
VR180	 	12	395	147.8	51.36 8.28	9.09 2.09	7	2	X	X	X	X	
VR181	 	12	399	155	86.18 14.75	21.18 5.53	7	2	X	X	X	X	
VR182	 	13	439.6	307.4	200.12 27.66	15.76 4.36	5 7	2	X	X	X	X	
VR190		23	150.4	84	-	-	7	6	X	X	X	X	

BR = BRUT - BRUT - ROH - BRUT



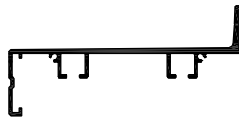

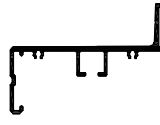


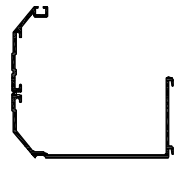



AN = ANODISATIE - ANODISE - ELOXIERT - ANODISED

KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS

GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR

M1 = BICOLOR - BICOLOR - BICOLOR - BICOLOR

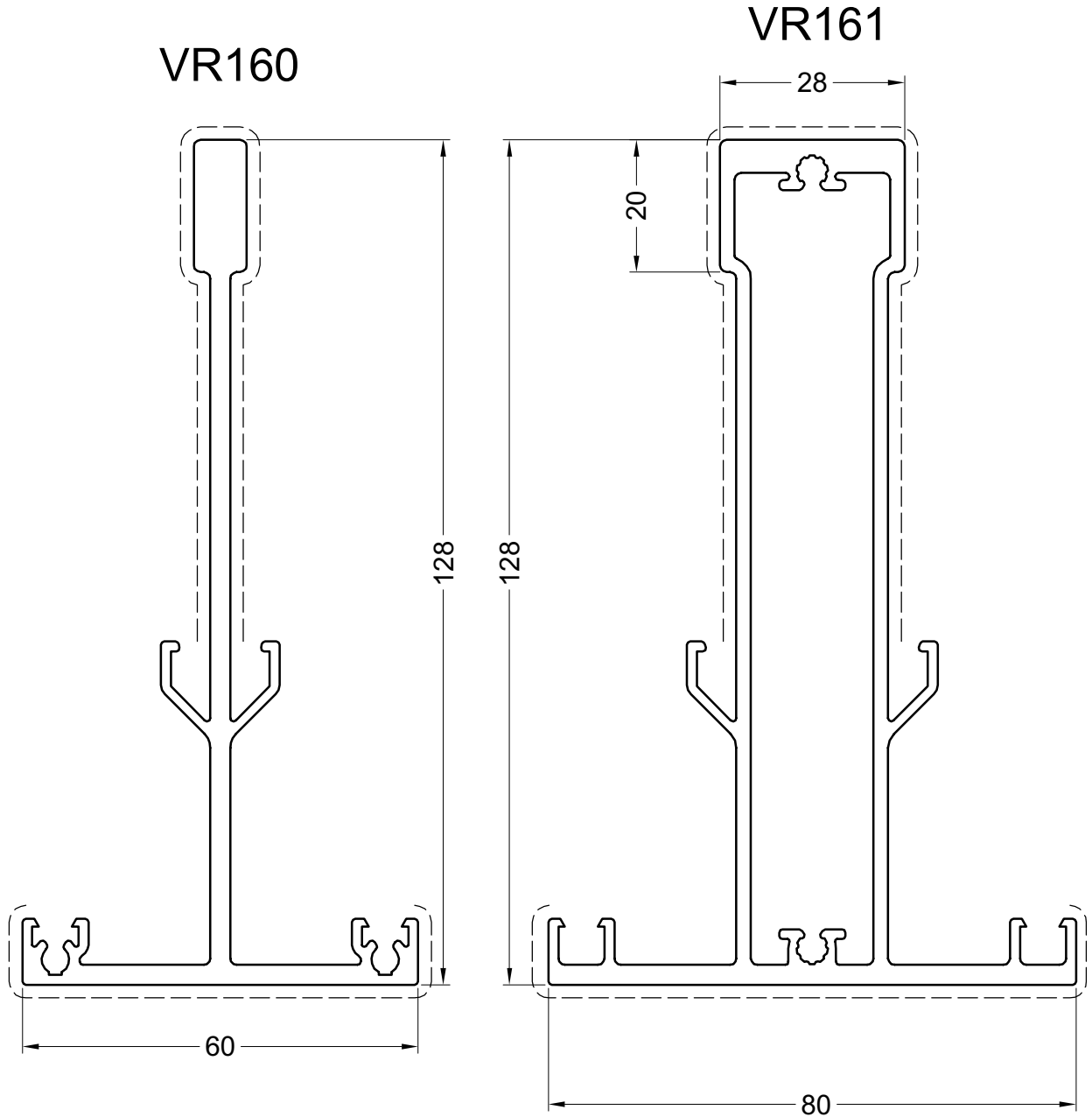


NUMMER NUMERO NUMBER	AFBEELDING IMAGE BILD PICTURE	BLAD PAGE SEITE PAGE	OMTREK PERIM. UMRIB PERIM. mm	MECH. MEC. MECH. MEC. mm	lx (cm4)		ly (cm4)		LENGTE LONG. LANGE LENGTH	VERP. PER EMB. PAR PACK PR.	BR	AN	KL	GS	M1
					Wx (cm3)	Wy (cm3)	Wx (cm3)	Wy (cm3)							
VR572	 	21	533	244.7	25.11 4.78	98 17.82	4.7 5.5	2	X	X	X	X			
VR910	 	20	521	494	5.19 1.66	96.15 15.47	7	2	X	X	X	X			
VR912		20	386.5	361.1	-	-	7	2	X	X	X	X			
VR2031	 	24	260	75	0.94 0.61	7.02 2.55	7		X	X	X	X			
VR5121	 	16	766.6	292.8	154.86 18.07	256.24 31.39	7	1	X	X	X	X			
MC055		24	129.1	59	-	-	2.3 3.5 7	2	X	X	X	X			
VT062		23	76.8	21	-	-	6.5	10	X	X	X	X			



LIGGERS  
CHEVRONS  
TRAGERS  
ROOF BEAMS

PROFIELEN - PROFILS- PROFILE - PROFILES

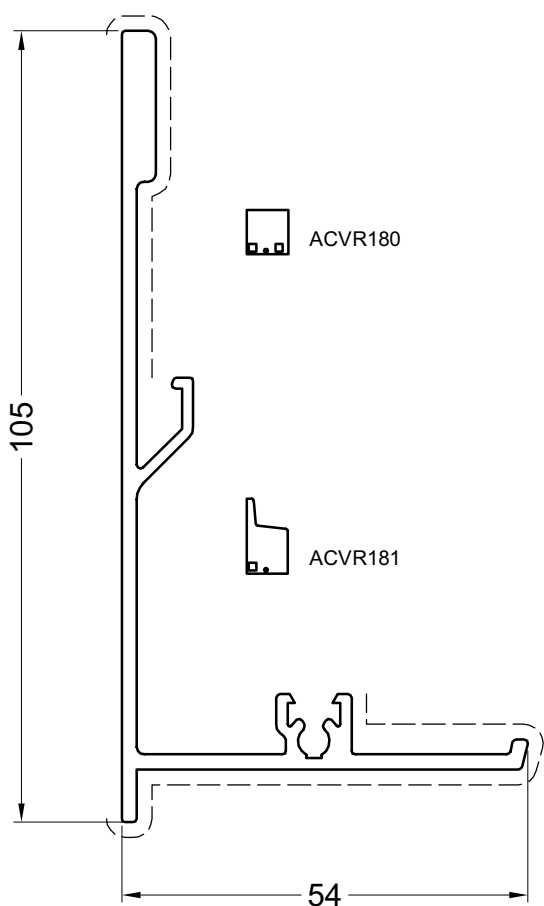


prof03

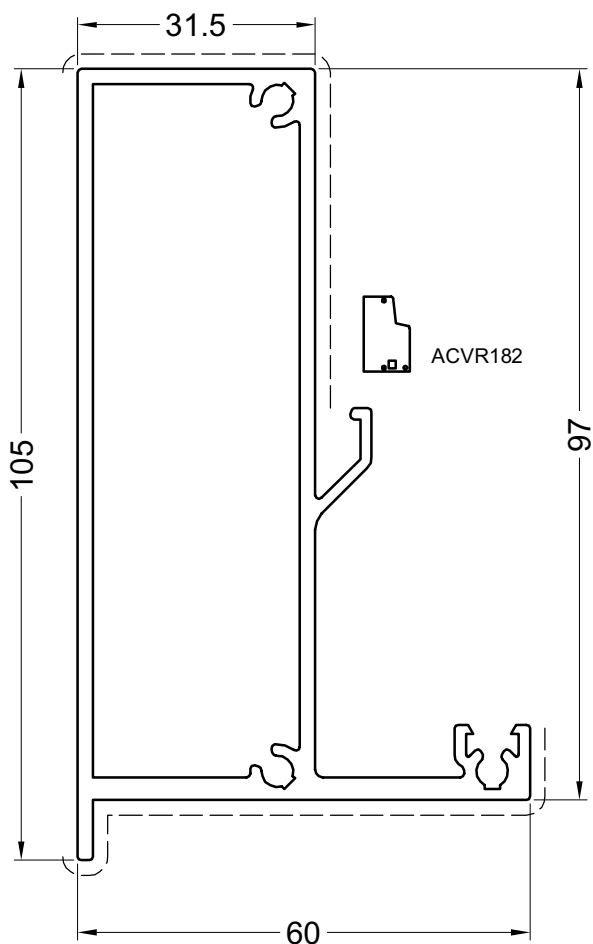
Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

VR180



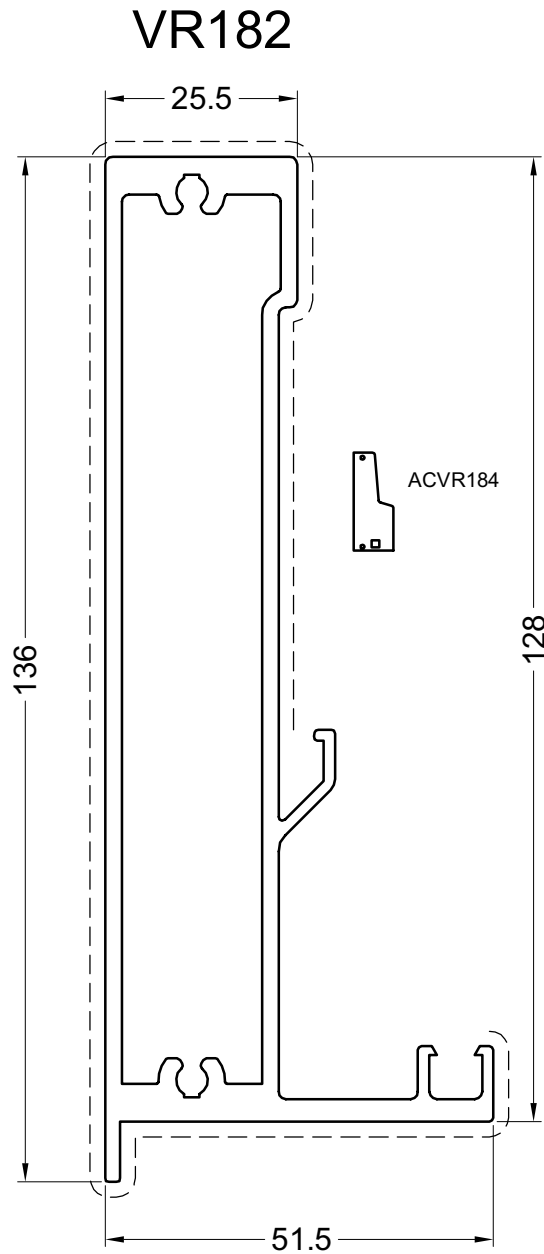
VR181



prof04

ZIJLIGGERS  
CHEVRONS LATERAL  
SEITENTRAGERS  
ROOFS BEAM SIDE

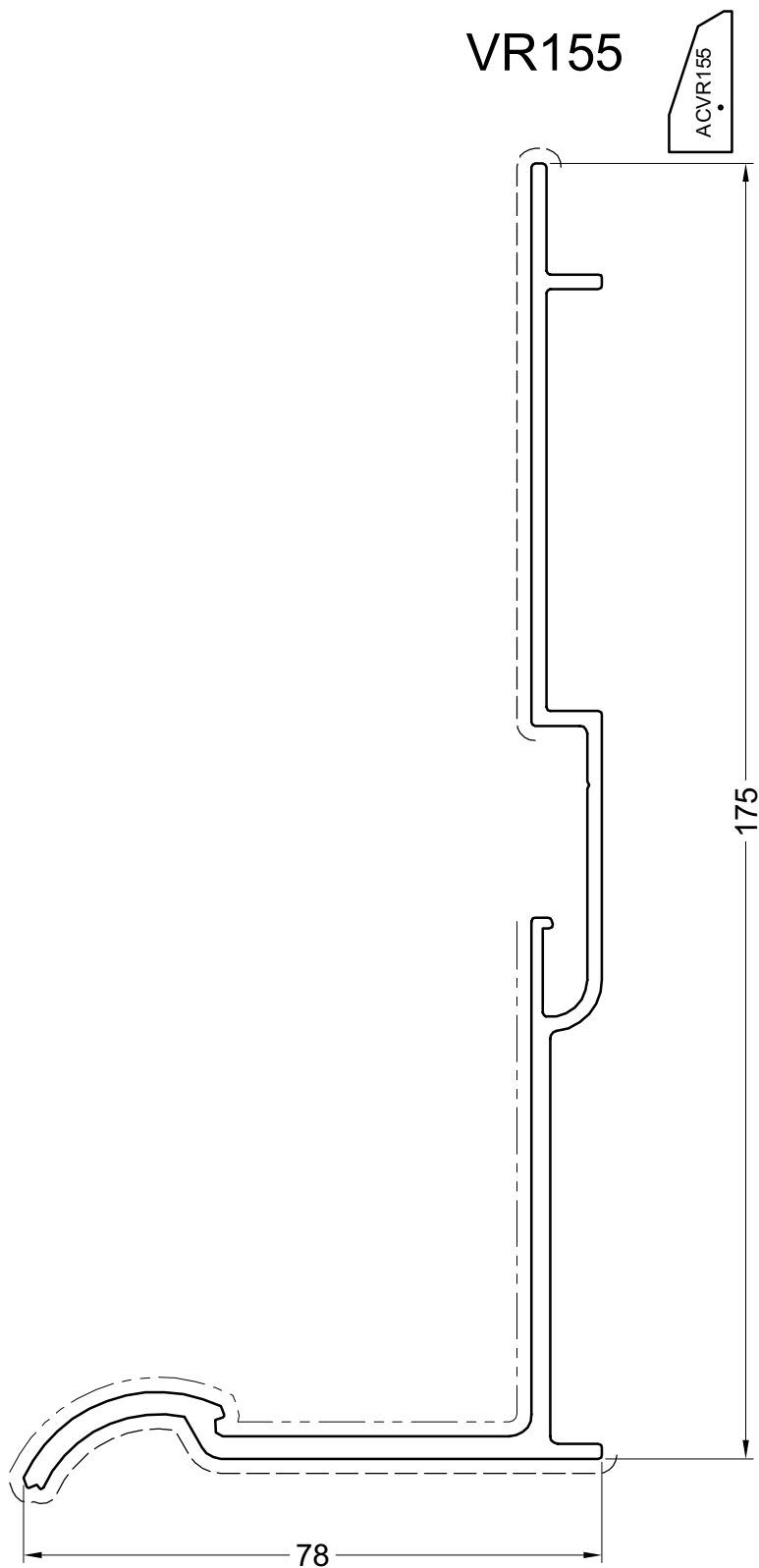
PROFIELEN - PROFILS- PROFILE - PROFILES



prof12

Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

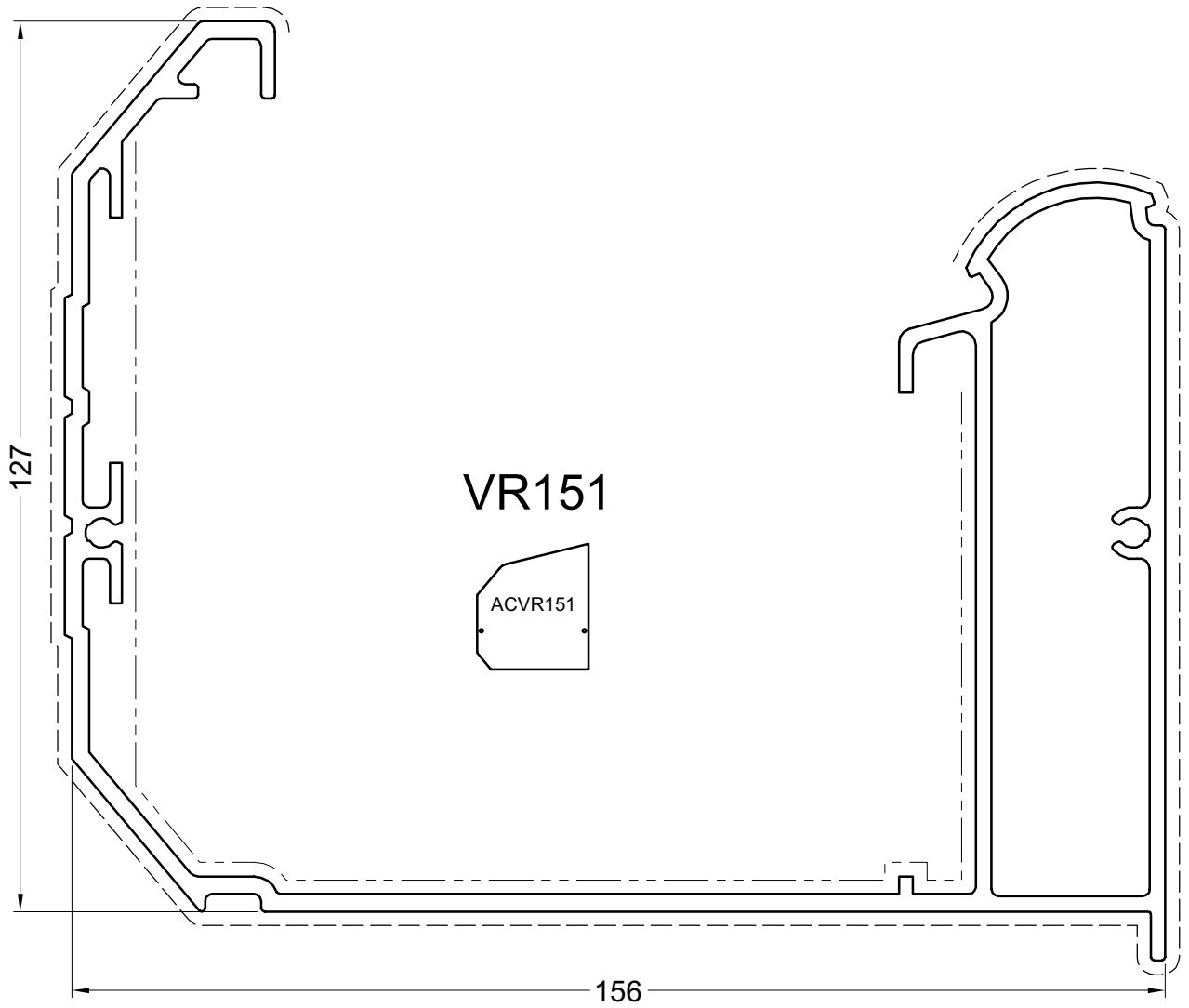
Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side



prof02

GOOT  
GOUTTIERE  
RINNE  
GUTTER

PROFIELEN - PROFILS- PROFILE - PROFILES

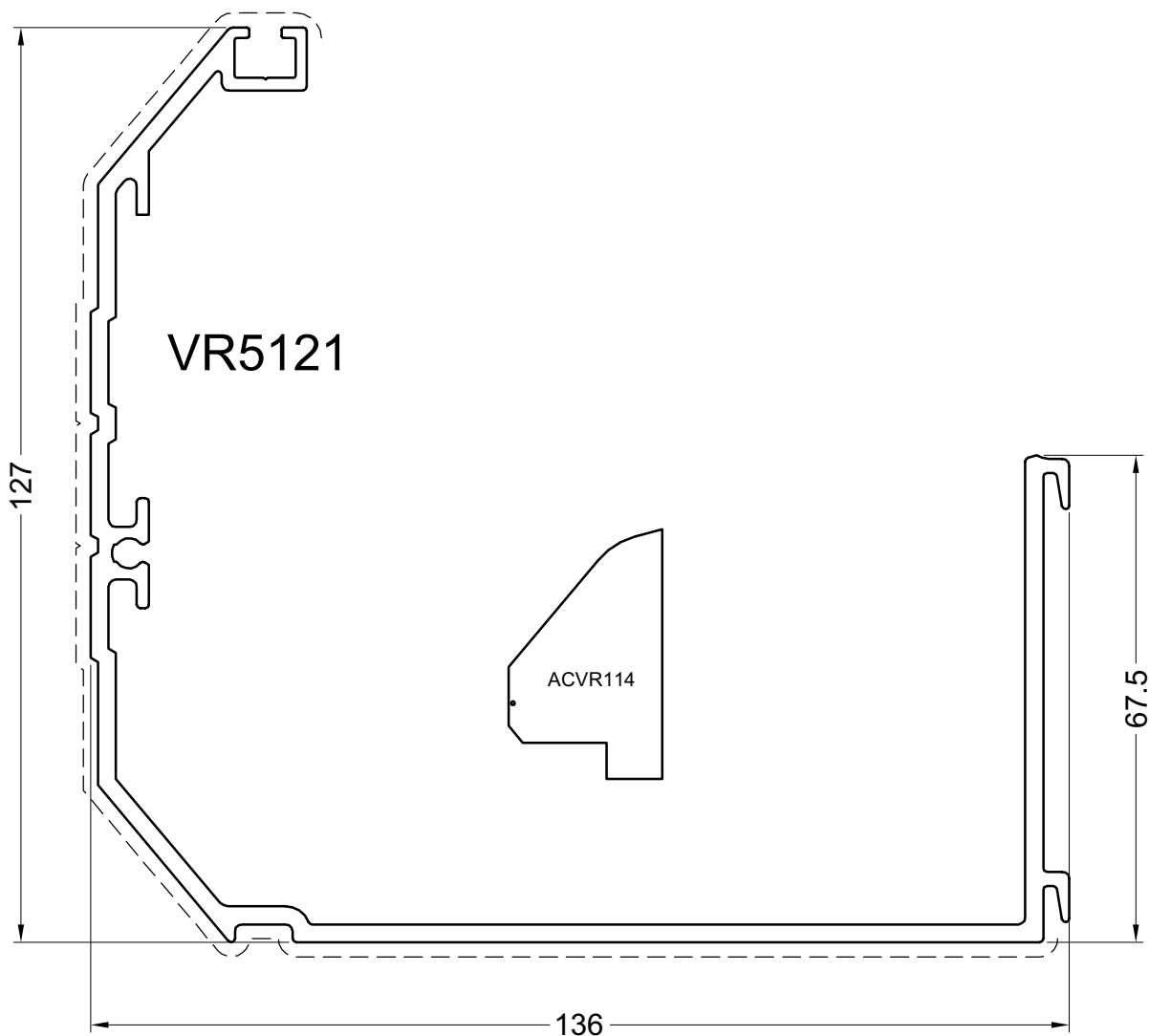


prof01

Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

17/8/07



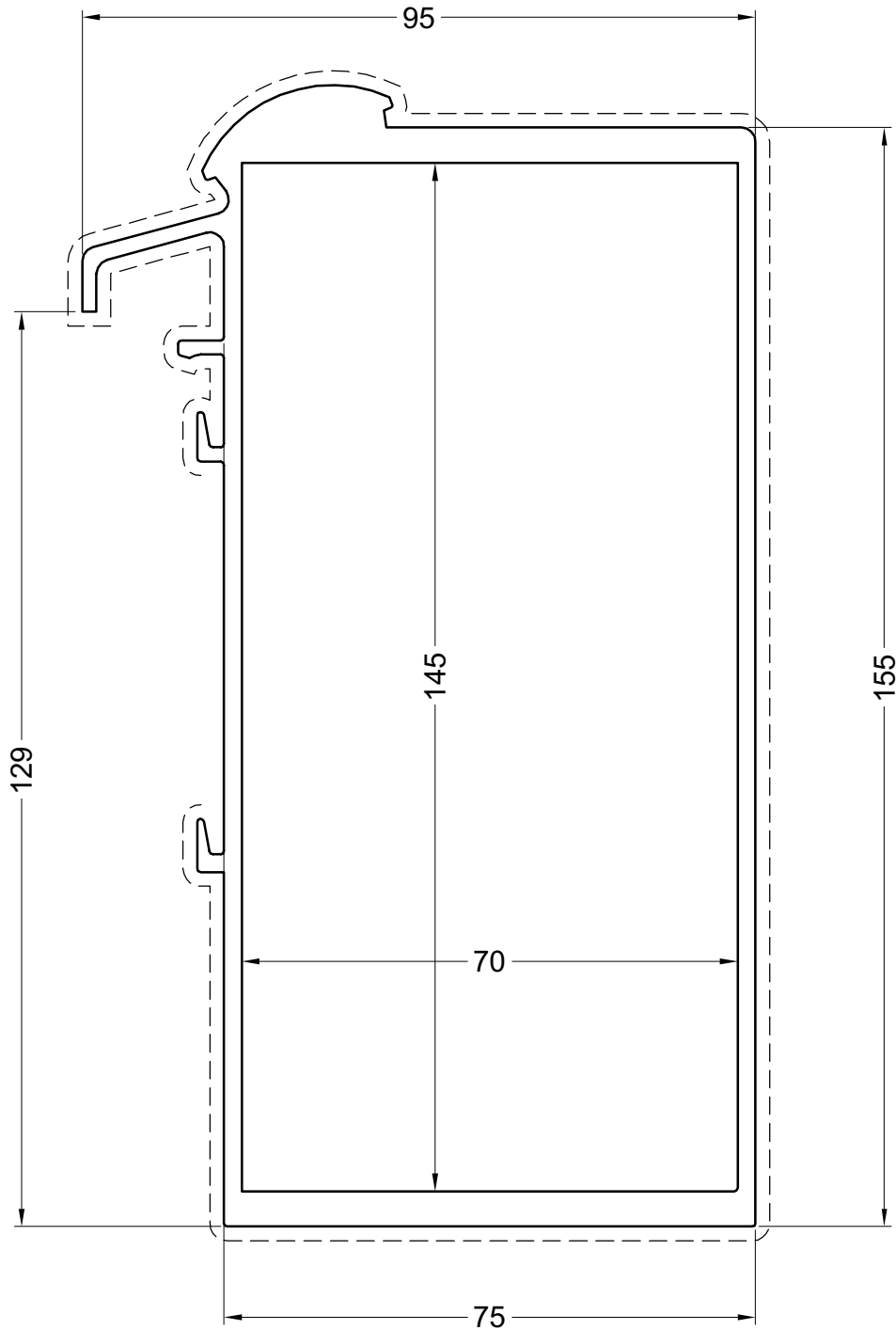
prof14



RINGBALK  
POUTRE D'ANNEAU  
RINGBALKEN  
RINGBEAM

PROFIELEN - PROFILS- PROFILE - PROFILES

VR110

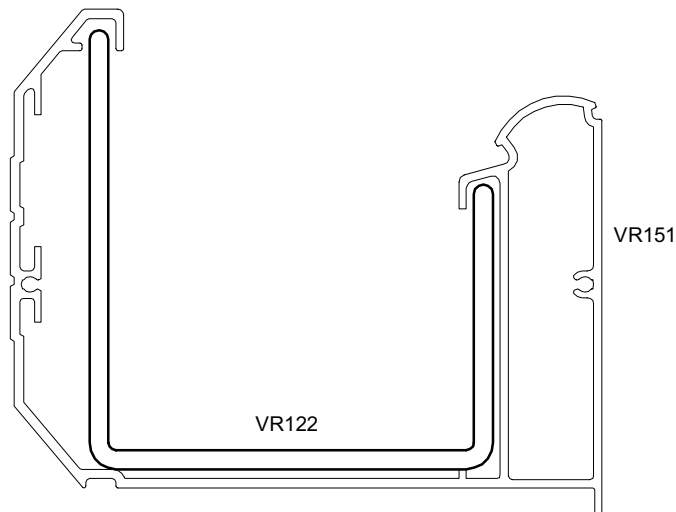
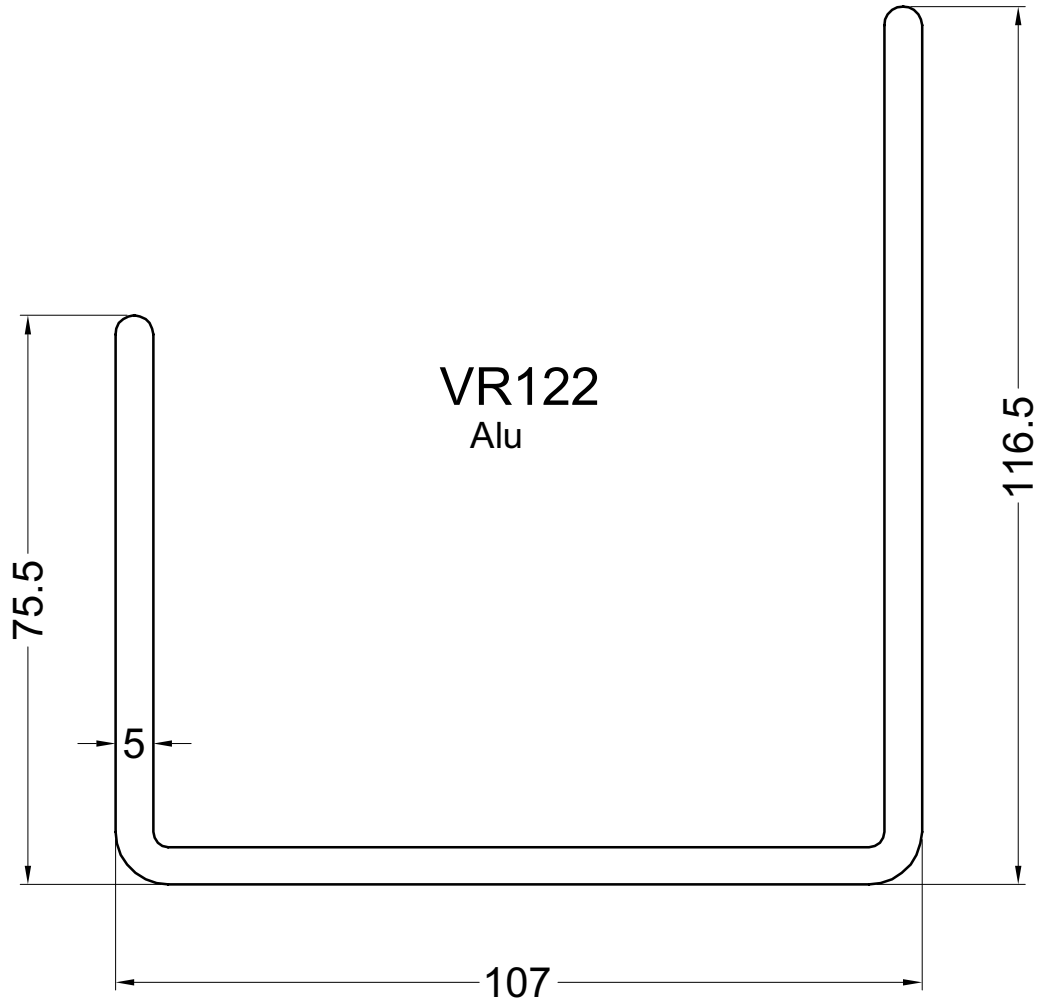


prof13

Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

17/8/07

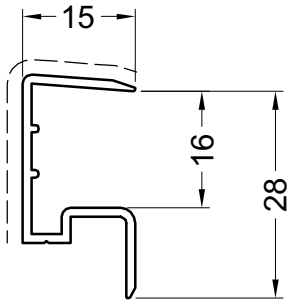


prof06

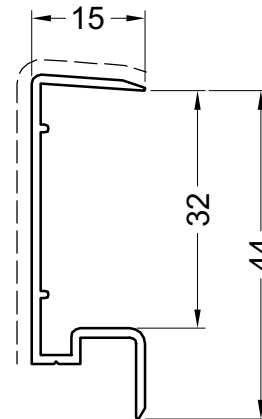
POLYCARBONAATPROFIELEN  
PROFILS POLYCARBONATE  
FALZLEISTENPROFIELEN  
POLYCARBONATE PROFILES

PROFIELEN - PROFILS- PROFILE - PROFILES

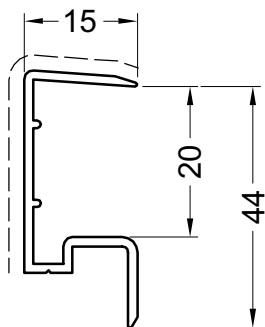
**VR040**



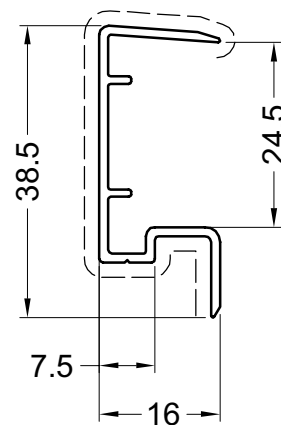
**VR041**



**VR043**



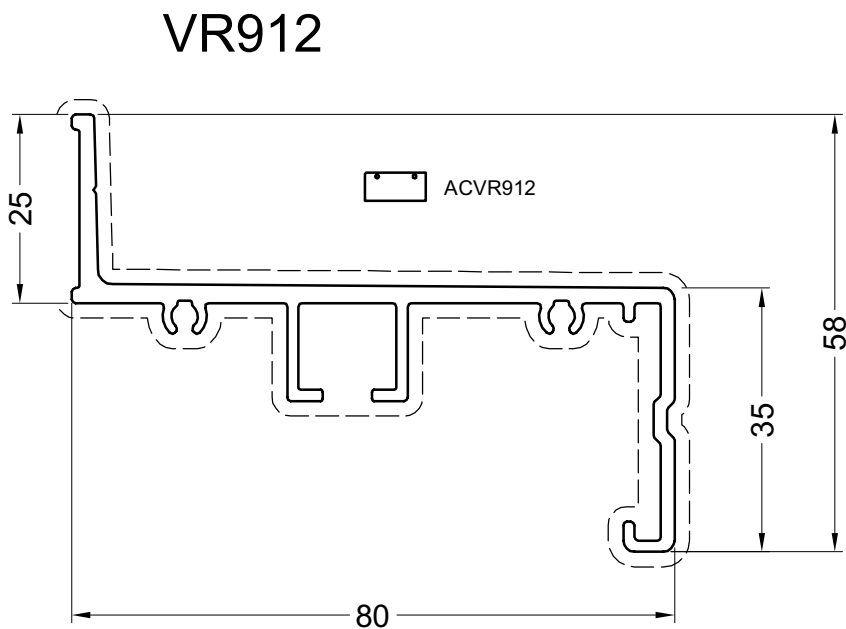
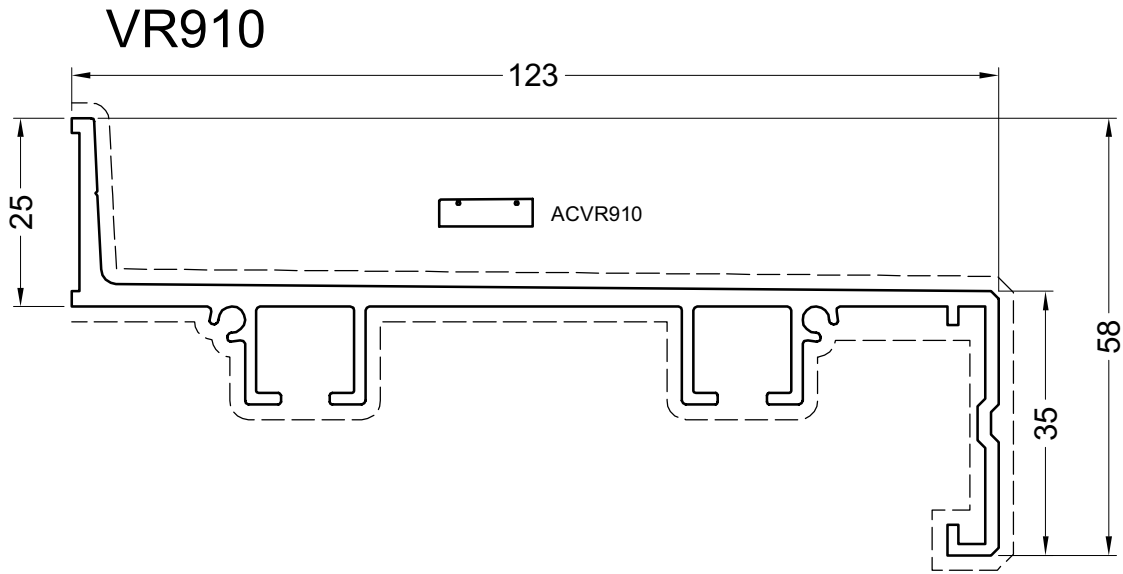
**VR044**



prof05

Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

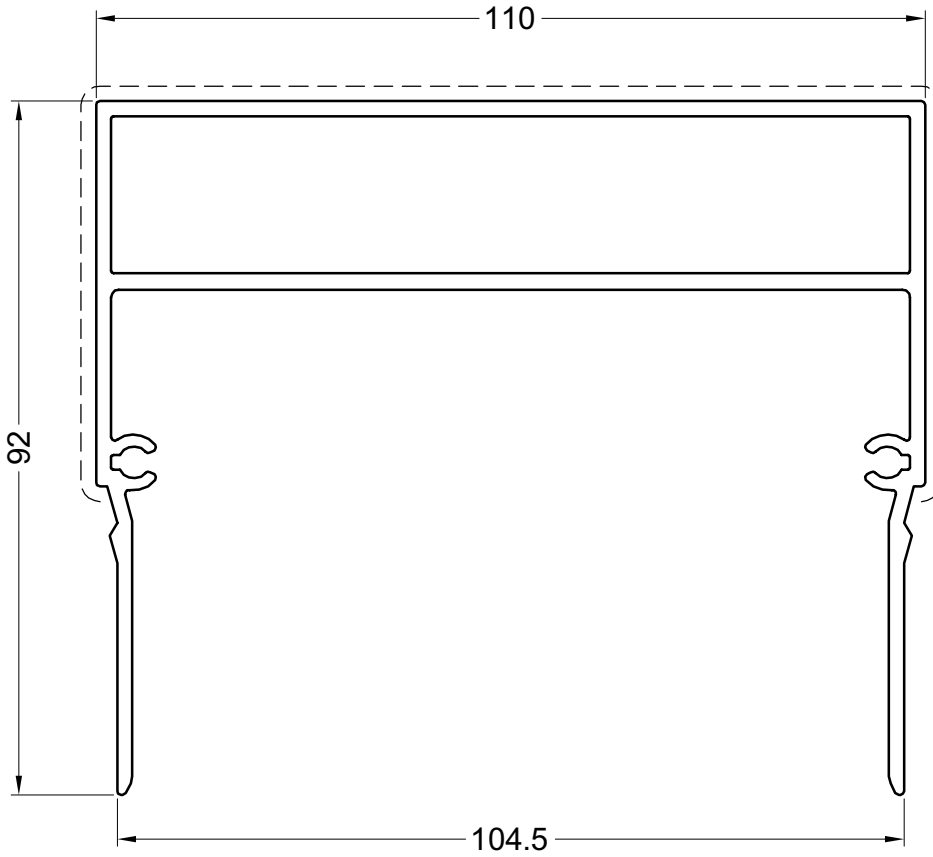


prof08

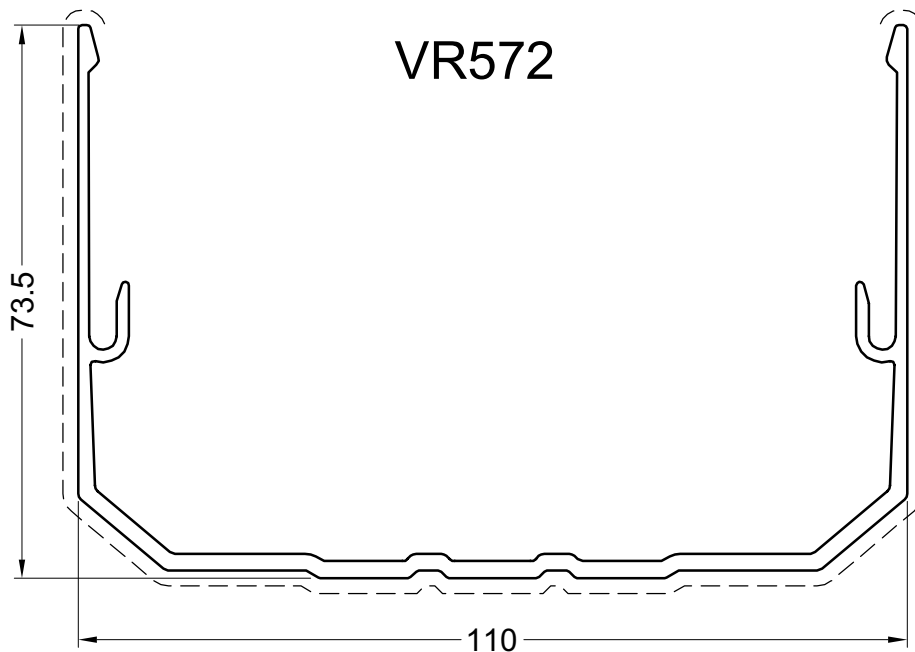
DIVERSE PROFIELEN  
PROFILS DIVERS  
DIVERS PROFILS  
VARIED PROFILES

PROFIELEN - PROFILS - PROFILE - PROFILES

**VR171**



**VR572**

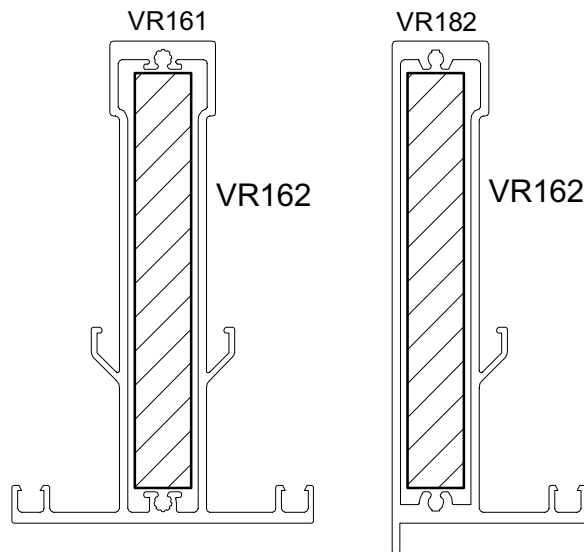
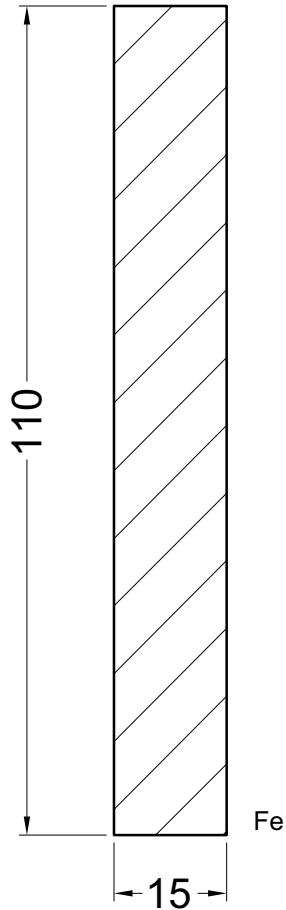


prof07

Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

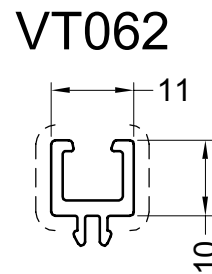
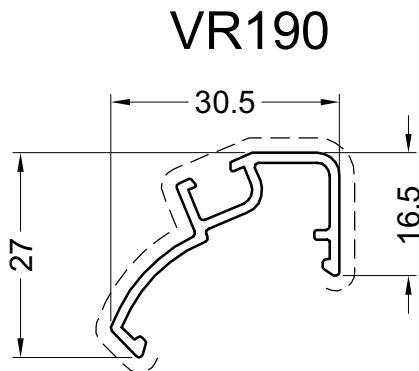
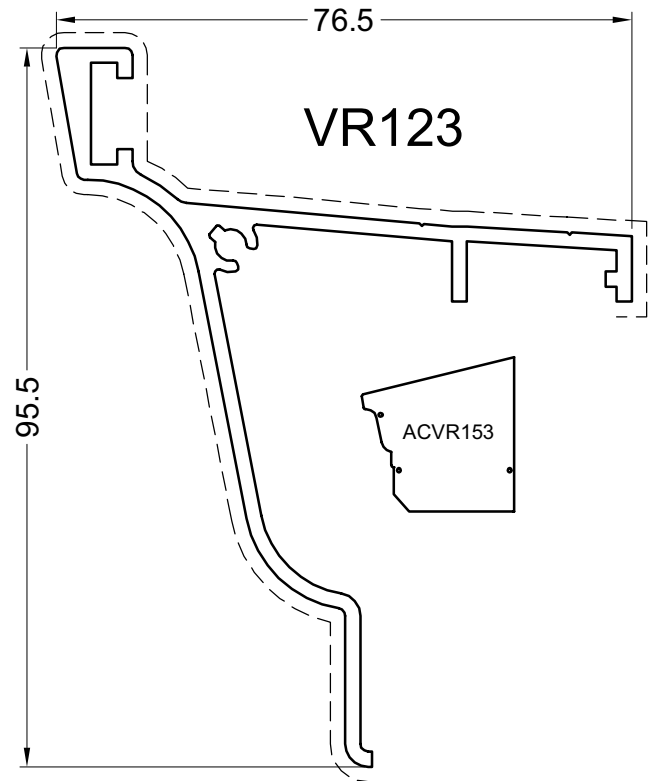
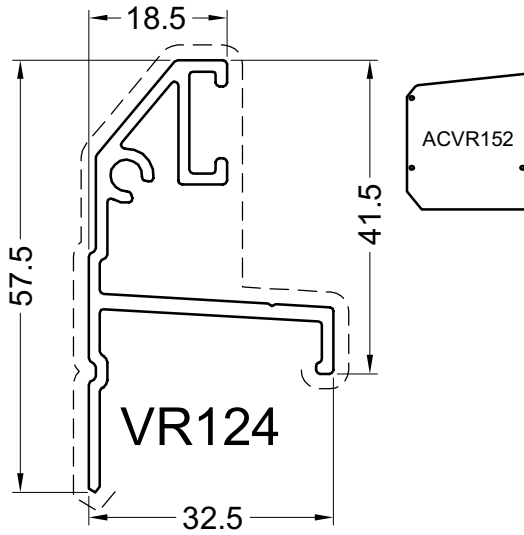
## VR162



prof09

DIVERSE PROFIELEN  
PROFILS DIVERS  
DIVERS PROFILN  
VARIED PROFILES

PROFIELEN - PROFILS- PROFILE - PROFILES

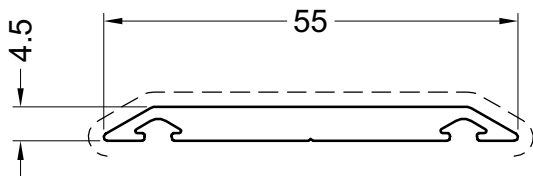


prof11

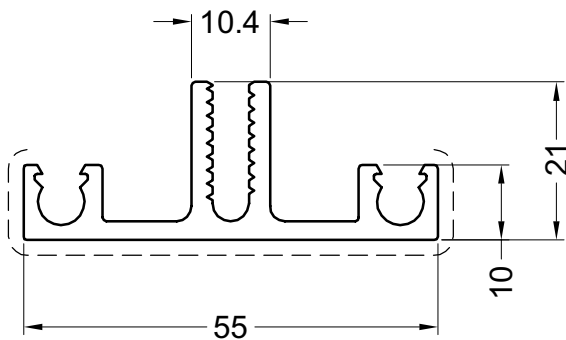
Primaire zichtbare zijde  
Face visible primaire  
Primär sichtbare Seite  
Primary visible side

Secundaire zichtbare zijde  
Face visible secondaire  
Secondär sichtbare Seite  
Secondary visible side

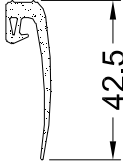
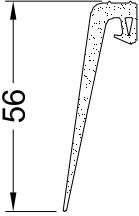
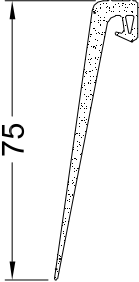
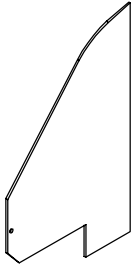
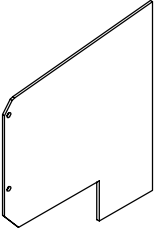
MC055

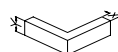


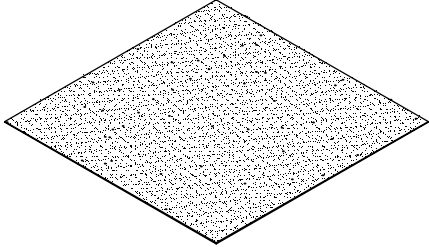
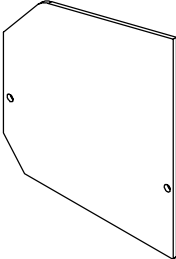
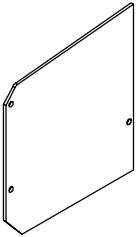
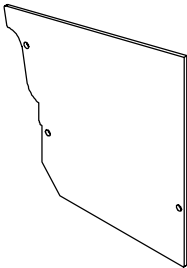
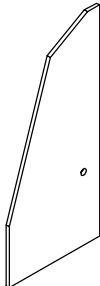
VR2031







	Verp. per Emb. par Pack pr.	Einheid Unité Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
 <p><b>ACVR108</b> -Beglazingsrubber voor ligger -Joint de vitrage pour chevron -Glashaltegummi für sparre -Glazing gasket for bracket</p>	50	m	VR160 VR180	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																
AN																
KL																
GS																
Z																
W																
 <p><b>ACVR109</b> -Dichting muurprofiel -Joint d'étanchéité murale -Abdichtungsgummi mauer -Ridge sealstrip wall</p>	50	m	VR155	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																
AN																
KL																
GS																
Z																
W																
 <p><b>ACVR110</b> -Dichting muurprofiel -Joint d'étanchéité murale -Abdichtungsgummi mauer -Ridge sealstrip wall</p>	50	m	VR155	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																
AN																
KL																
GS																
Z																
W																
 <p><b>ACVR114</b> -Eindplaat -Plaque -Endstück -End plate</p>	1	Stuk Pièce Stück Piece	VR110 VR5121	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X															
AN	X															
KL	X															
GS	X															
Z	X															
W	X															
 <p><b>ACVR115</b> -Eindplaat -Plaque -Endstück -End plate</p>	1	Stuk Pièce Stück Piece	VR110 VR5121 VR124	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X															
AN	X															
KL	X															
GS	X															
Z	X															
W	X															

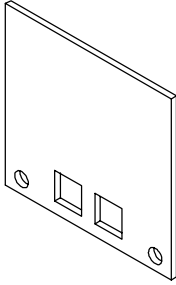
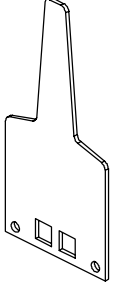
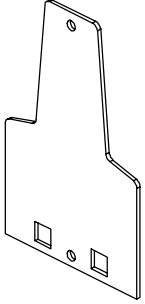
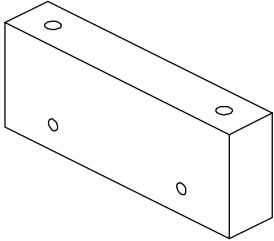
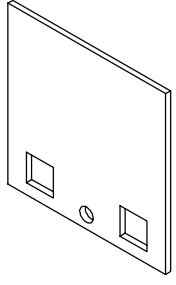


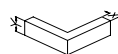
		Verp. per Emb. par Pack pr. Pack pr.	Eenheid Unité Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
	<b>ACVR140</b> -Zelfklevende EPDM 500/500/2.5mm -EPDM autocollant 500/500/2.5mm -Selbstklebend EPDM 500/500/2.5mm -Self-adhesive EPDM 500/500/2.5mm	1	Stuk Pièce Stück Pièce	ACVR151 ACVR152 ACVR153 ACVR155	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																	
AN																	
KL																	
GS																	
Z																	
W																	
	<b>ACVR151</b> -Eindplaat -Plaque -Endstück -End plate	1	Stuk Pièce Stück Pièce	VR151	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR152</b> -Eindplaat -Plaque -Endstück -End plate	1	Stuk Pièce Stück Pièce	VR151 VR124	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR153</b> -Eindplaat -Plaque -Endstück -End plate	1	Stuk Pièce Stück Pièce	VR151 VR123	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR155</b> -Eindplaat -Plaque -Endstück -End plate	1	Stuk Pièce Stück Pièce	VR155	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																

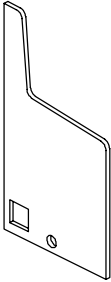

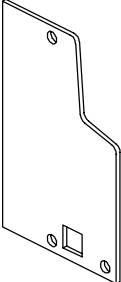

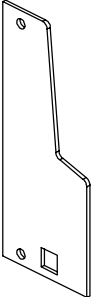




BR = BRUT - BRUT - ROH - BRUT  
 AN (X) = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
 AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M  
 KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
 GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
 Z = ZWART - NOIR - SCHWARZ - BLACK  
 W = WIT - BLANC - WEISS - WHITE

 GEREEDSCHAP - OUTILLAGE  
 WERKZEUG - TOOL  
 BEVESTIGING - FIXATION  
 BEFESTIGUNG - FIXATION





		Verp. per Emb. par Pack pr.	Einheid Unité Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
	<b>ACVR160</b> -Eindstuk voor ligger -Pièce finale pour chevron -Endstück für sparre -Endpiece for bracket  ➤ DIN7981 4.8x19	1	Stuk Pièce Stück Piece	VR160	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR161</b> -Eindstuk voor ligger -Pièce finale pour chevron -Endstück für sparre -Endpiece for bracket  ➤ DIN7981 4.8x19	1	Stuk Pièce Stück Piece	VR160	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR164</b> -Eindstuk voor ligger -Pièce finale pour chevron -Endstück für sparre -Endpiece for bracket  ➤ DIN7981 4.8x19	1	Stuk Pièce Stück Piece	VR161	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<b>ACVR171</b> -Verbindingsstuk travers -Pièce de jonction -Verbindung traverse -Binding joint  ➤ ACVR216, ACSL027	1	Stuk Pièce Stück Piece	VR151 + VR171	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X																
AN																	
KL																	
GS																	
Z																	
W																	
	<b>ACVR180</b> -Eindstuk voor zijligger -Pièce finale pour chevron latéral -Endstück für seitenträger -Endpiece for side beam  ➤ DIN7981 4.8x19	1	Stuk Pièce Stück Piece	VR180	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																

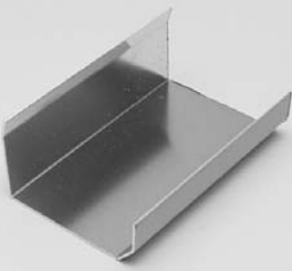
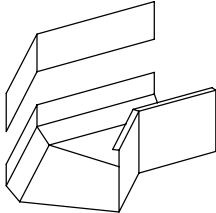

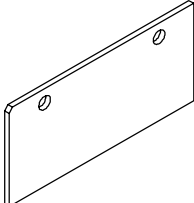



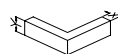
		Verp. per Emb. par Pack pr. Pack pr.	Eenheid Unité Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
	<p><b>ACVR181</b></p> <p>-Eindstuk voor zijligger -Pièce finale pour chevron latéral -Endstück für seitenträger -Endpiece for side beam</p> <p> <b>DIN7981 4.8x19</b></p>	1	Stuk Pièce Stück Piece	VR180	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<p><b>ACVR182</b></p> <p>-Eindstuk voor zijligger -Pièce finale pour chevron latéral -Endstück für seitenträger -Endpiece for side beam</p> <p> <b>DIN7981 4.8x19</b></p>	1	Stuk Pièce Stück Piece	VR181	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<p><b>ACVR184</b></p> <p>-Eindstuk voor zijligger -Pièce finale pour chevron latéral -Endstück für seitenträger -Endpiece for side beam</p> <p> <b>DIN7981 4.8x19</b></p>	1	Stuk Pièce Stück Piece	VR182	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<p><b>ACVR190</b></p> <p>-Bevestiging voor ligger -Fixation pour chevron -Fixierung für sparre -Fixing for bracket</p>	10	Stuk Pièce Stück Piece	VR160 VR180 VR155	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z	X	W	X
BR	X																
AN	X																
KL	X																
GS	X																
Z	X																
W	X																
	<p><b>ACVR216</b></p> <p>-Schroef met afdekkap -Vis avec capuchon -Schraube mit endkappe -Screw with sideplate</p> <p> <b>DIN7981 4.8x19</b></p>	100	Stuk Pièce Stück Piece	ACVR160 ACVR161 ACVR171 ACVR180 ACVR181 ACVR182	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR		AN		KL		GS		Z		W	X
BR																	
AN																	
KL																	
GS																	
Z																	
W	X																



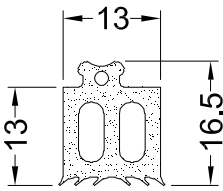
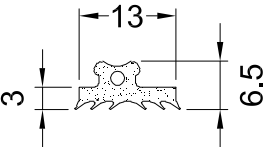

BR = BRUT - BRUT - ROH - BRUT  
 AN (X) = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
 AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M  
 KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
 GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
 Z = ZWART - NOIR - SCHWARZ - BLACK  
 W = WIT - BLANC - WEISS - WHITE

 GEREEDSCHAP - OUTILLAGE  
 WERKZEUG - TOOL  
 BEVESTIGING - FIXATION  
 BEFESTIGUNG - FIXATION



		Verp. per Emb. par Pack pr.	Einheid Unité Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
	<b>ACVR224N</b> -Dilatatiestuk goot -Pièce de dilatation gouttière -Dilatation für Dachrinne -Dilatation strip for gutter	1	Stuk Pièce Stück Pièce	VR151	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X																
AN																	
KL																	
GS																	
Z																	
W																	
  VOORBEELD, EXEMPLE, BEISPIEL, EXAMPLE	<b>ACVR305</b> -Gelast stuk -Pièce soudé -Geschweisst stück -Welded piece  op bestelling, sur commande auf Bestellung, on demand	1	Stuk Pièce Stück Pièce	VR151	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X																
AN																	
KL																	
GS																	
Z																	
W																	
	<b>ACVR910</b> -Eindplaat gordijnrail -Embout pour rail cache rideau -Endplatte für Vorhang Profil -End plate for curtain rail  ➤ DIN7981 4.2x16	1	Stuk Pièce Stück Pièce	VR910	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z		W	
BR	X																
AN	X																
KL	X																
GS	X																
Z																	
W																	
	<b>ACVR912</b> -Eindplaat voor enkele gordijnrail -Plaque pour glissière simple -Endplatte für Vorhangschiene einzeln -End plate for curtain rail single  ➤ DIN7981 4.2x16	1	Stuk Pièce Stück Pièce	VR912	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td>X</td></tr> <tr><td>KL</td><td>X</td></tr> <tr><td>GS</td><td>X</td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN	X	KL	X	GS	X	Z		W	
BR	X																
AN	X																
KL	X																
GS	X																
Z																	
W																	
	<b>ACVR916</b> -Nylon glijder -Glissière en nylon -Nylon gleiter -Nylon glider	1	Stuk Pièce Stück Pièce	VR910 VR912	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td>X</td></tr> </table>	BR		AN		KL		GS		Z		W	X
BR																	
AN																	
KL																	
GS																	
Z																	
W	X																

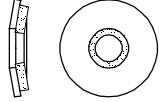
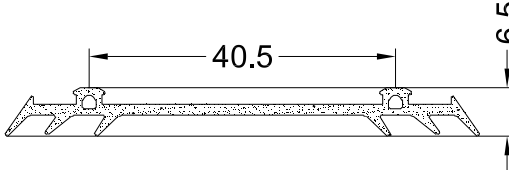

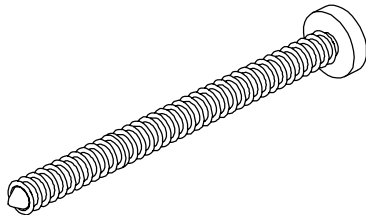

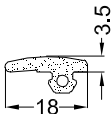


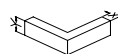
	Verp. per Emb. par Pack pr. Pack pr.	Eenheid Unit Einheit Unit	Toepassing Application Anwendung Application	Kleur Couleur Farbe Color												
	1	Stuk Pièce Stück Piece	VR151	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X															
AN																
KL																
GS																
Z																
W																
	200	Stuk Pièce Stück Piece	VR151 + VR171	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																
AN																
KL																
GS																
Z																
W																
	100	m	VR160 VR180	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z	X	W	
BR																
AN																
KL																
GS																
Z	X															
W																
	150	m	VR160 VR180	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z	X	W	
BR																
AN																
KL																
GS																
Z	X															
W																
	1	Stuk Pièce Stück Piece	VR2031	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X															
AN																
KL																
GS																
Z																
W																

BR = BRUT - BRUT - ROH - BRUT  
 AN (X) = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
 AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M  
 KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
 GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
 Z = ZWART - NOIR - SCHWARZ - BLACK  
 W = WIT - BLANC - WEISS - WHITE

GEREEDSCHAP - OUTILLAGE  
 WERKZEUG - TOOL  
 BEVESTIGING - FIXATION  
 BEFESTIGUNG - FIXATION



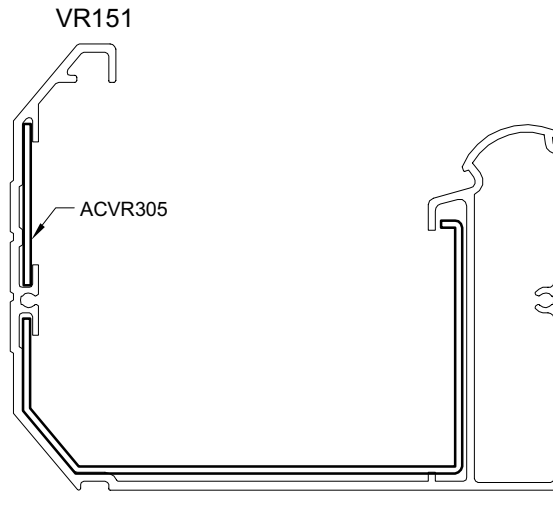
	Verp. per Emb. par Pack pr.	Einheid Unit	Toepassing Application	Kleur Couleur Farbe Color												
	100	Stuk Pièce Stück Piece	MC055	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X															
AN																
KL																
GS																
Z																
W																
	50	m	MC055	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z	X	W	
BR																
AN																
KL																
GS																
Z	X															
W																
	20	m	VR2031	<table border="1"> <tr><td>BR</td><td>X</td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR	X	AN		KL		GS		Z		W	
BR	X															
AN																
KL																
GS																
Z																
W																
 <p> <b>DIN7981 4.8x60</b></p>	200	Stuk Pièce Stück Piece	ACVR171	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z		W	
BR																
AN																
KL																
GS																
Z																
W																
	100	m	VR151 VR155	<table border="1"> <tr><td>BR</td><td></td></tr> <tr><td>AN</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>GS</td><td></td></tr> <tr><td>Z</td><td>X</td></tr> <tr><td>W</td><td></td></tr> </table>	BR		AN		KL		GS		Z	X	W	
BR																
AN																
KL																
GS																
Z	X															
W																



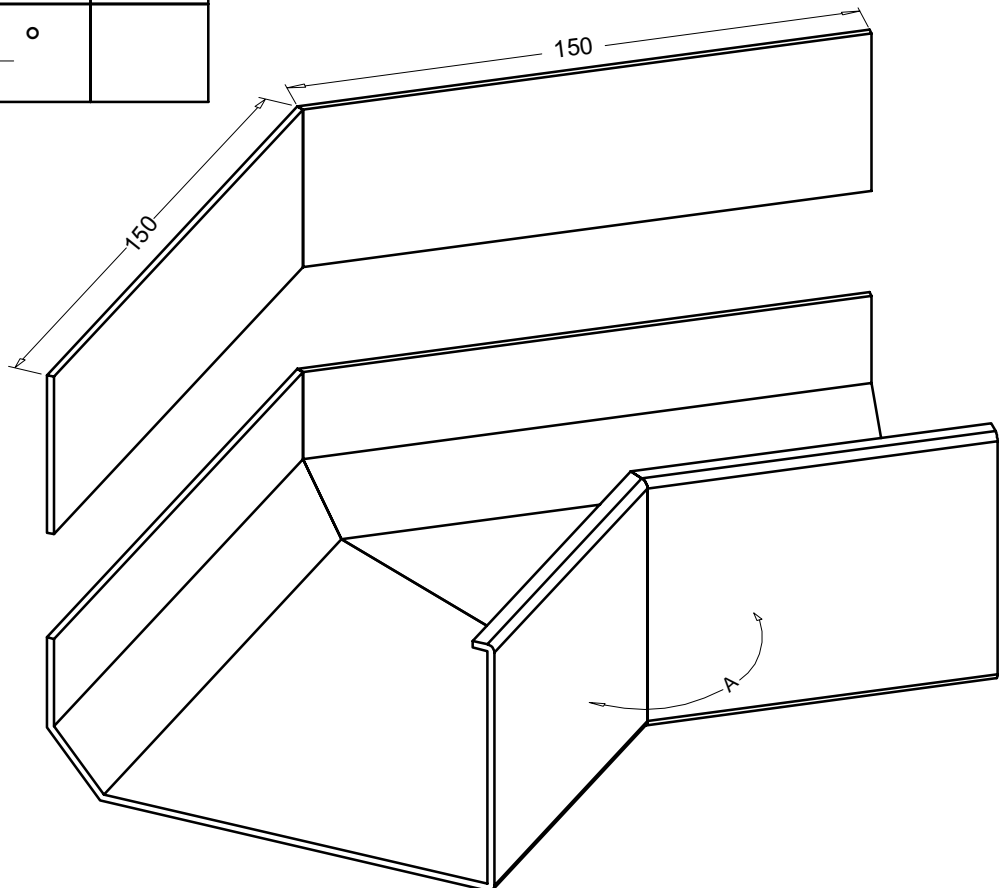




Aliplast intern
P.O.: _____
Ordernr.: _____
Leveran.: _____
Dat. Lev.: _____



<b>ACVR305A</b>	AANTAL NOMBRE ANZALH NUMBER
A = _____ °	



Info1

BR = BRUT - BRUT - ROH - BRUT  
 AN (X) = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
 AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M  
 KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
 GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
 Z = ZWART - NOIR - SCHWARZ - BLACK  
 W = WIT - BLANC - WEISS - WHITE



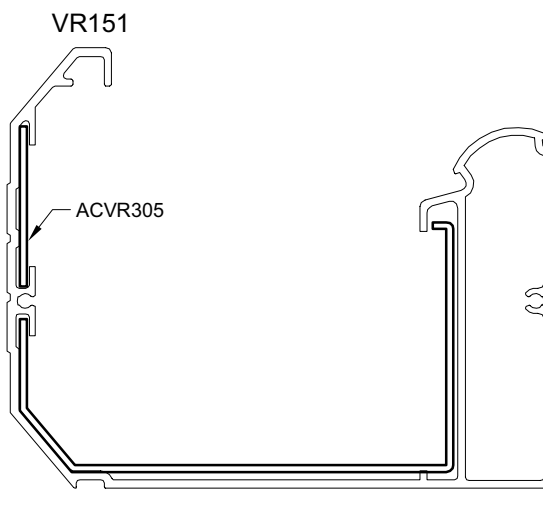
GEREEDSCHAP - OUTILLAGE  
WERKZEUG - TOOL

BEVESTIGING - FIXATION  
BEFESTIGUNG - FIXATION

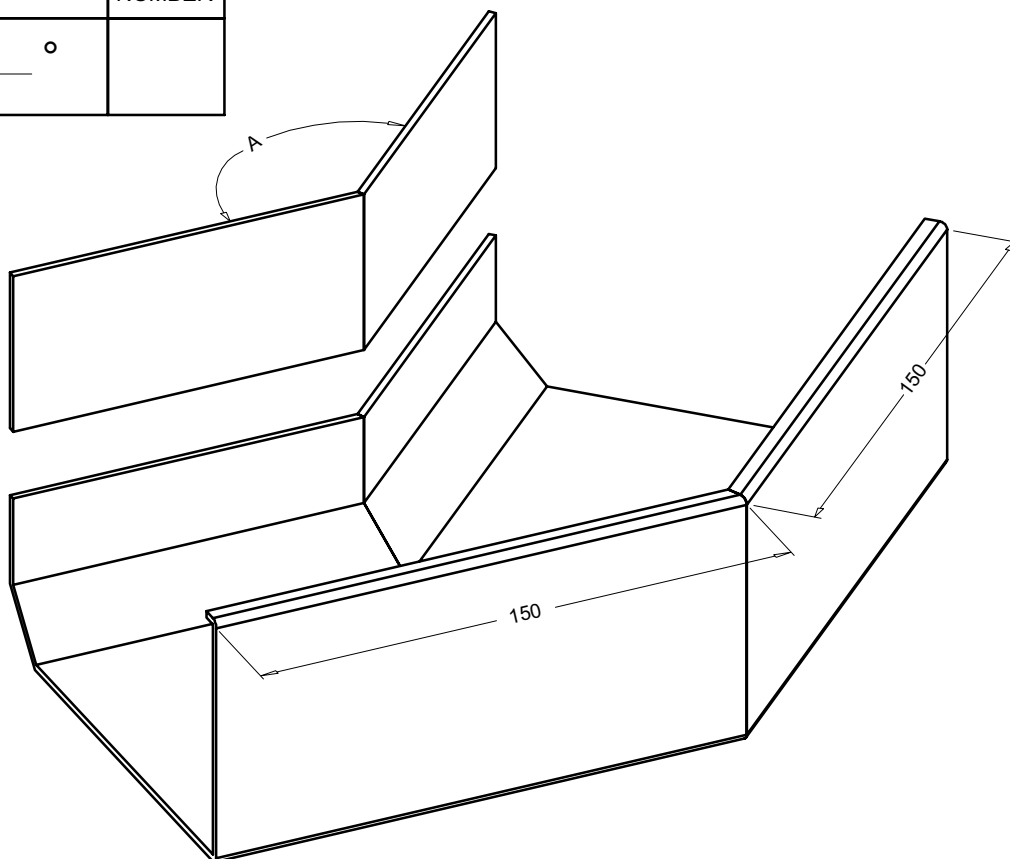


1/3/07

Aliplast intern	
P.O.:	_____
Ordernr.:	_____
Leveran.:	_____
Dat. Lev.:	_____





<b>ACVR305B</b>	AANTAL NOMBRE ANZALH NUMBER
A = _____ °	



Info2

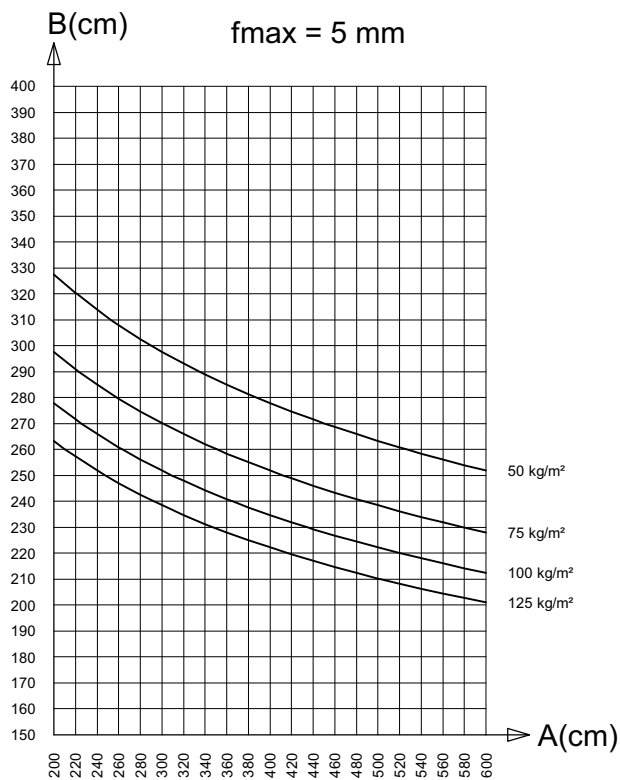
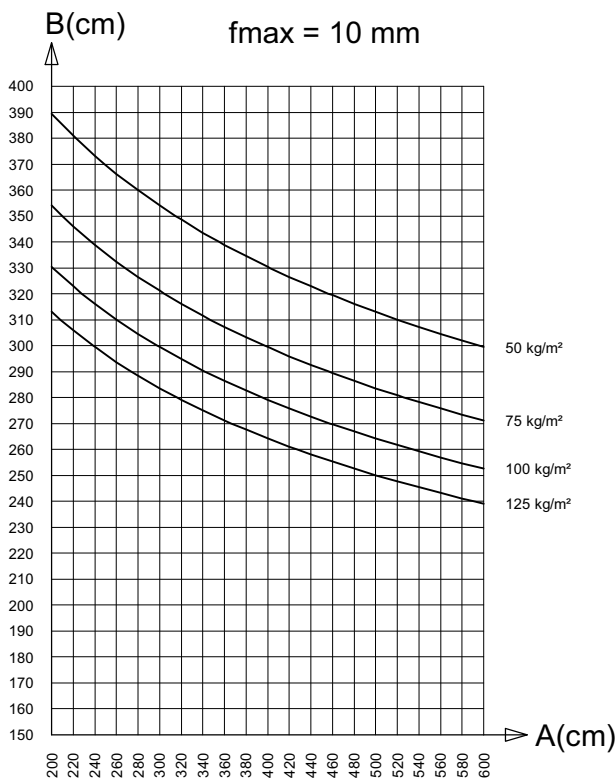
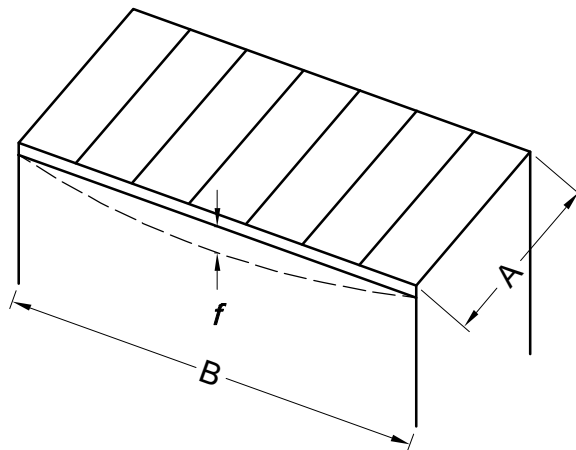
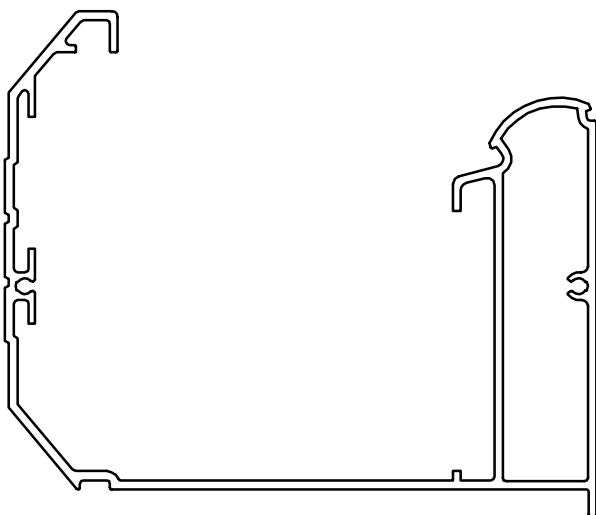
BR = BRUT - BRUT - ROH - BRUT  
 AN (X) = ANODISATIE - ANODISE - ELOXIERT - ANODISED  
 AN (■) = GELAKT - LAQUE - LACKIERT - LACQUERED -- RAL9006M  
 KL = STANDAARDKLEUREN - COULEUR STANDARD - BASIS FARBEN - BASIC COLORS  
 GS = GEMOFFELD SPECIAAL - LAQUE SPECIAL - SPECIALFARBE - SPECIAL COLOR  
 Z = ZWART - NOIR - SCHWARZ - BLACK  
 W = WIT - BLANC - WEISS - WHITE

 GEREEDSCHAP - OUTILLAGE  
 WERKZEUG - TOOL  
 BEVESTIGING - FIXATION  
 BEFESTIGUNG - FIXATION



VR151  
I<sub>xx</sub> = 226.6 cm<sup>4</sup>

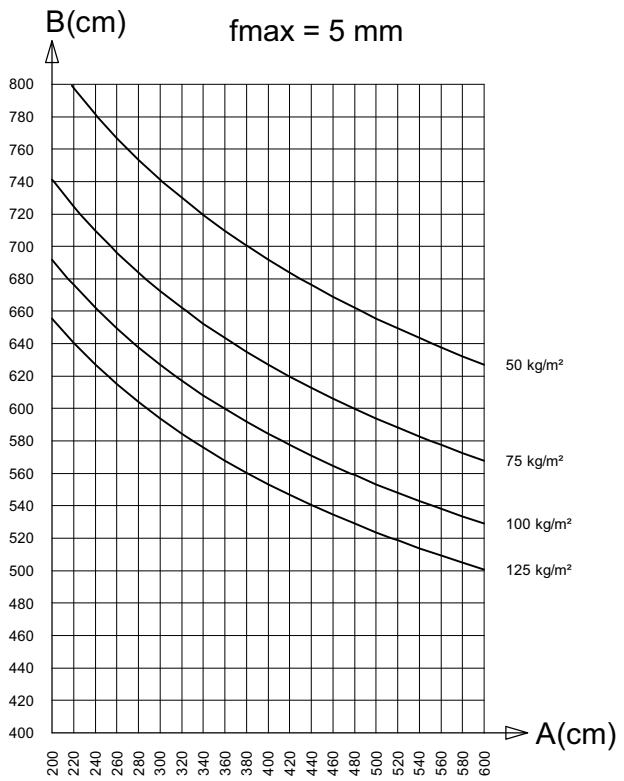
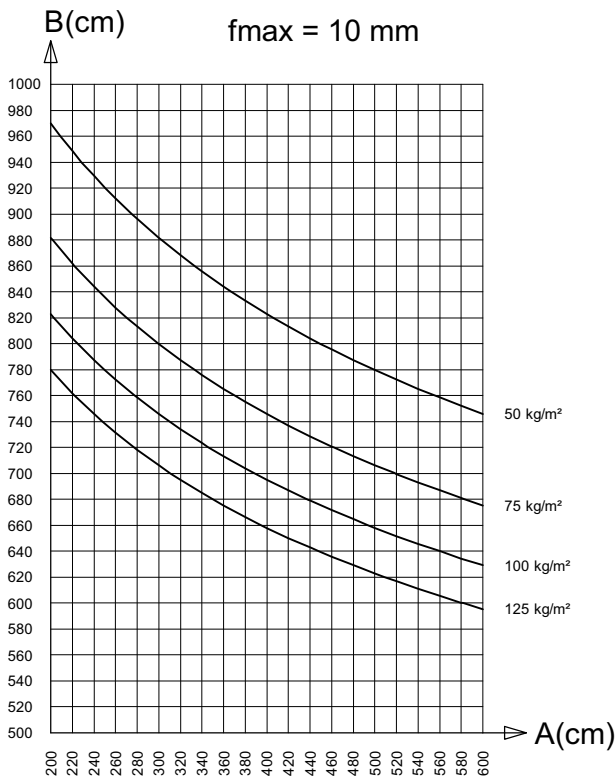
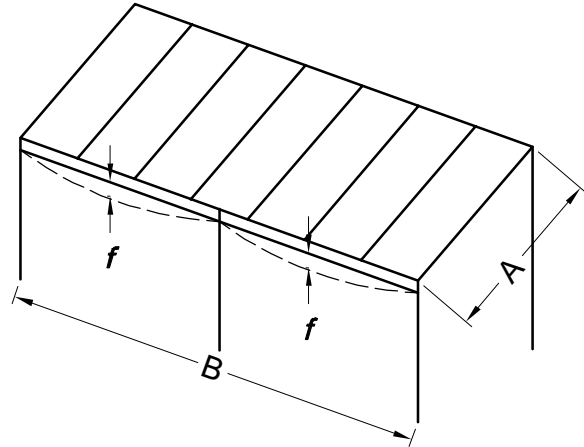
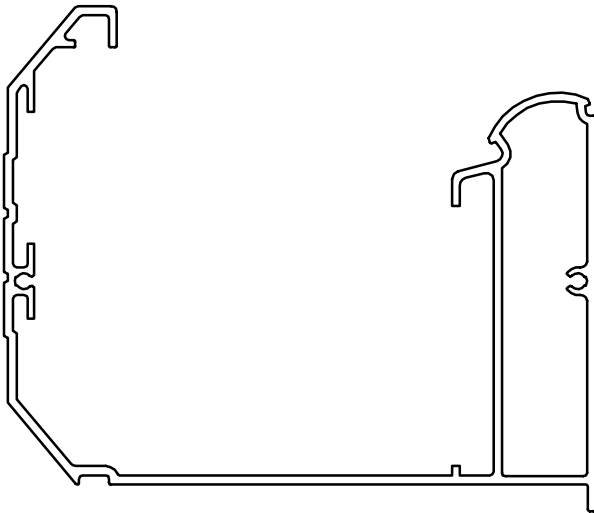
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica01

VR151  
I<sub>xx</sub> = 226.6 cm<sup>4</sup>

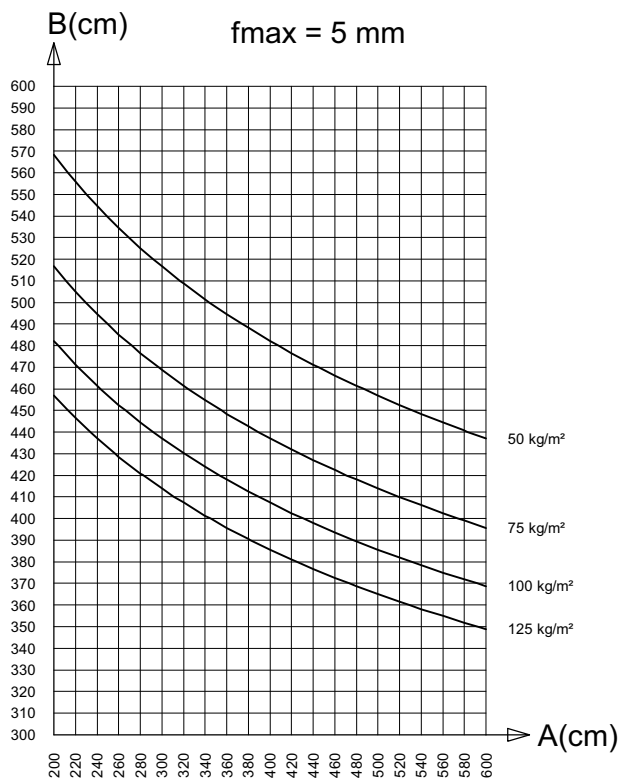
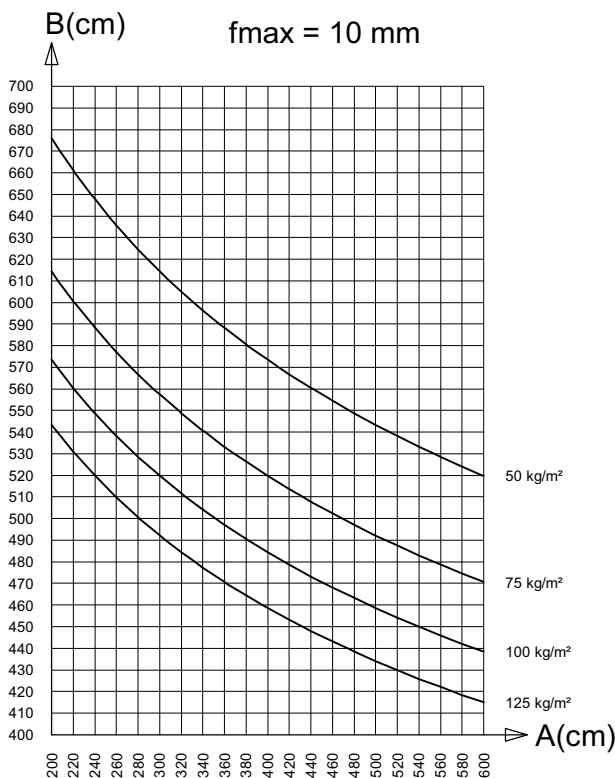
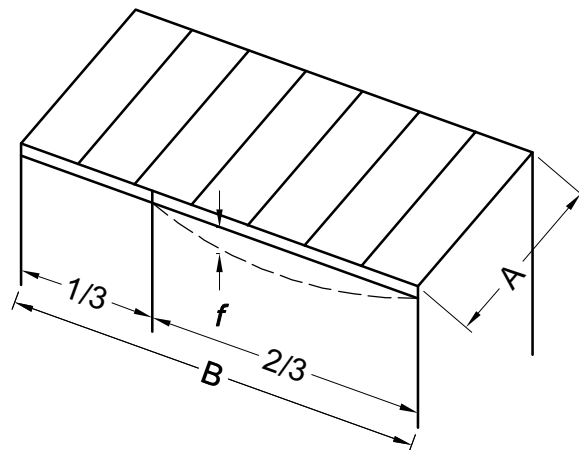
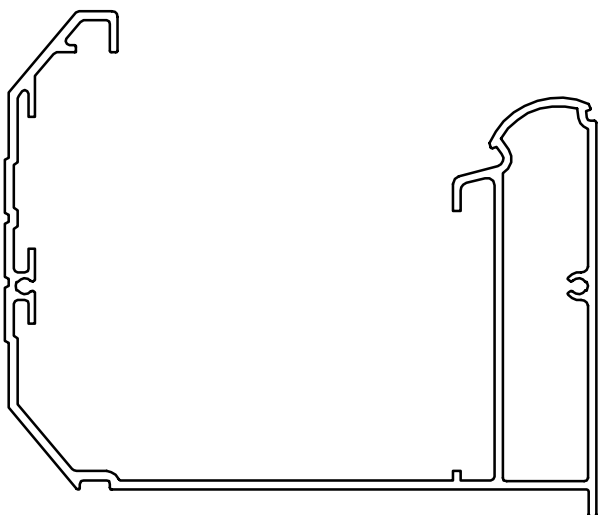
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica02

VR151  
I<sub>xx</sub> = 226.6 cm<sup>4</sup>

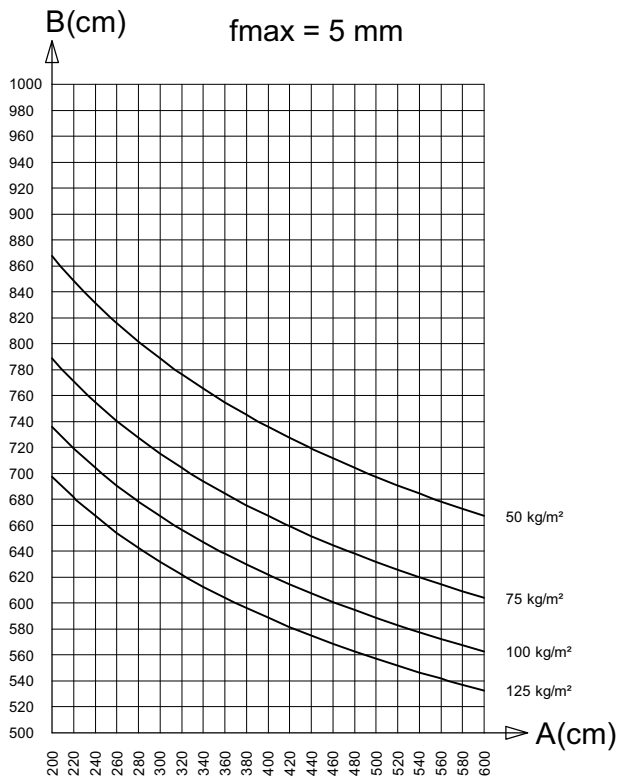
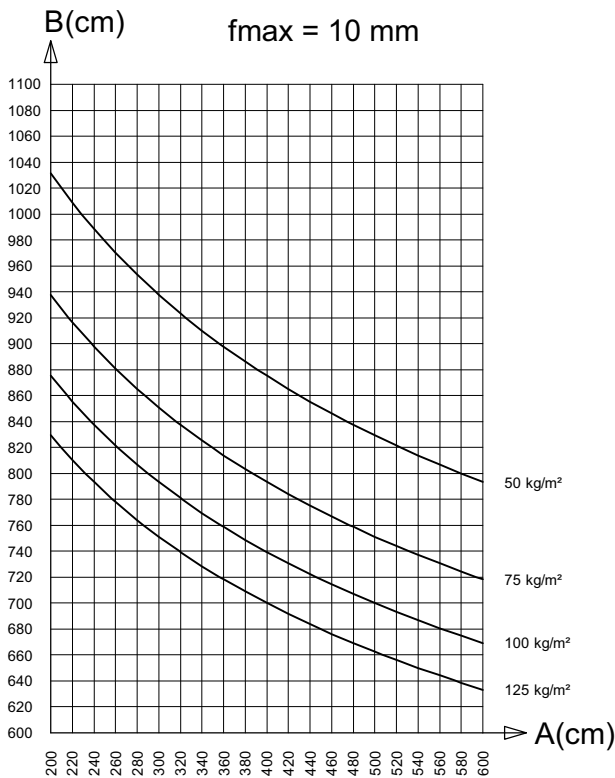
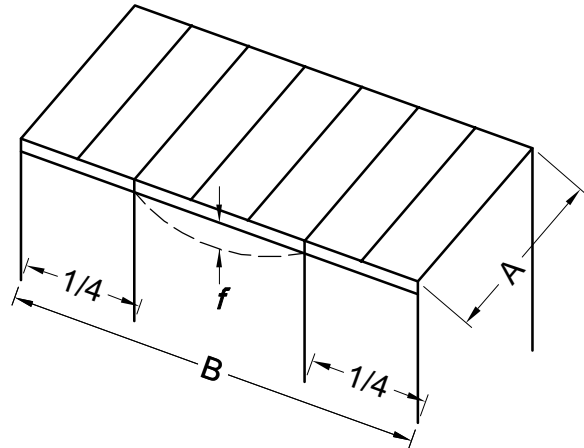
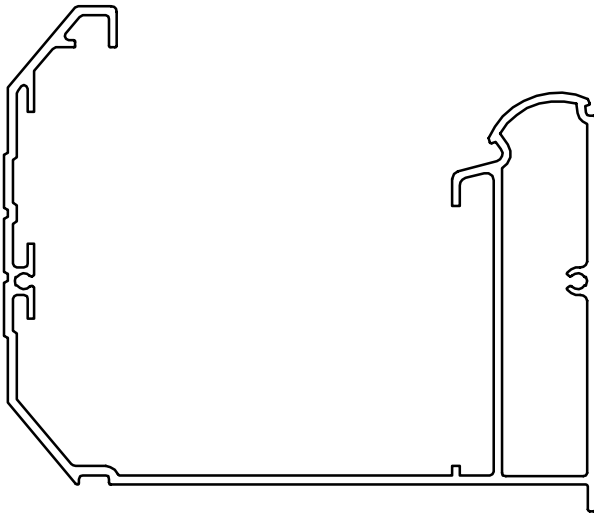
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica03

VR151  
l<sub>xx</sub> = 226.6 cm<sup>4</sup>

Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung

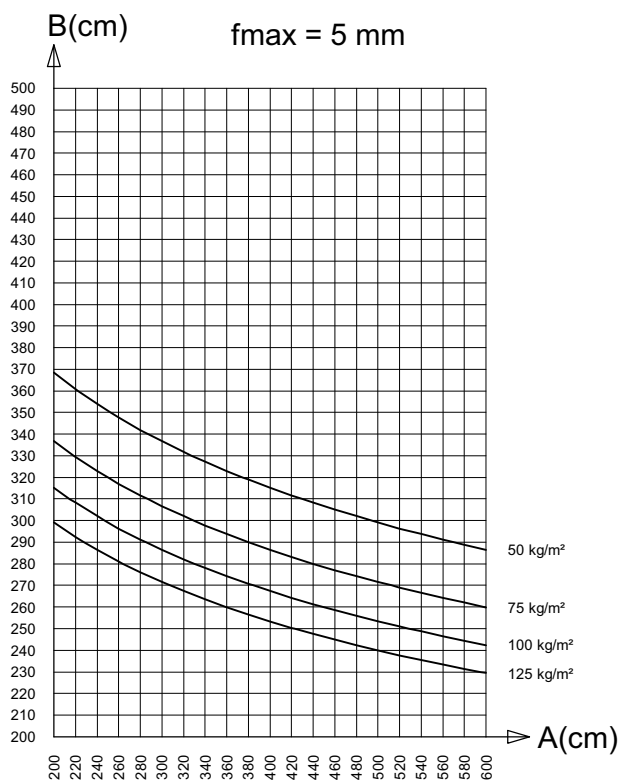
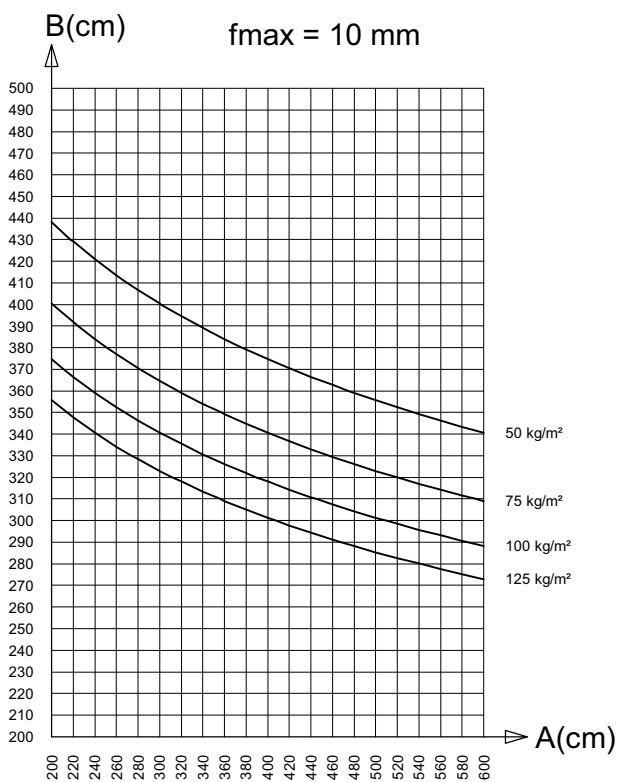
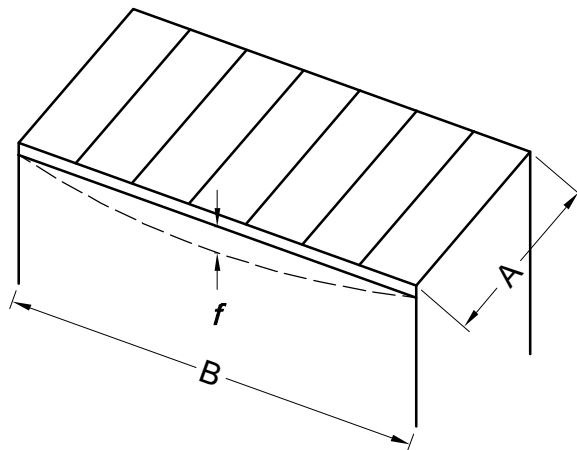
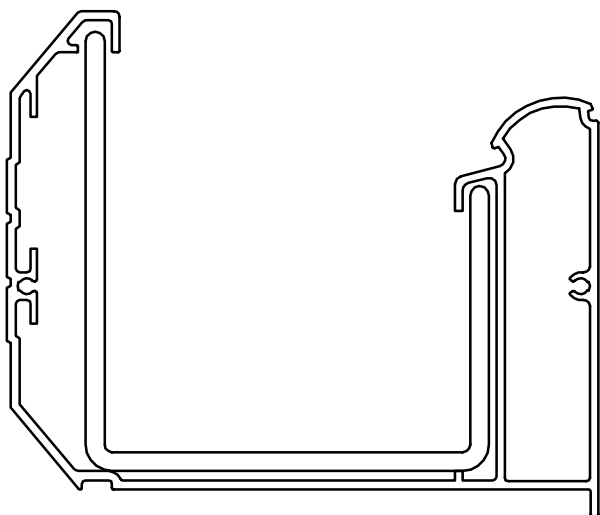


statica04

VR151 + VR122

$l_{xx} = 389 \text{ cm}$

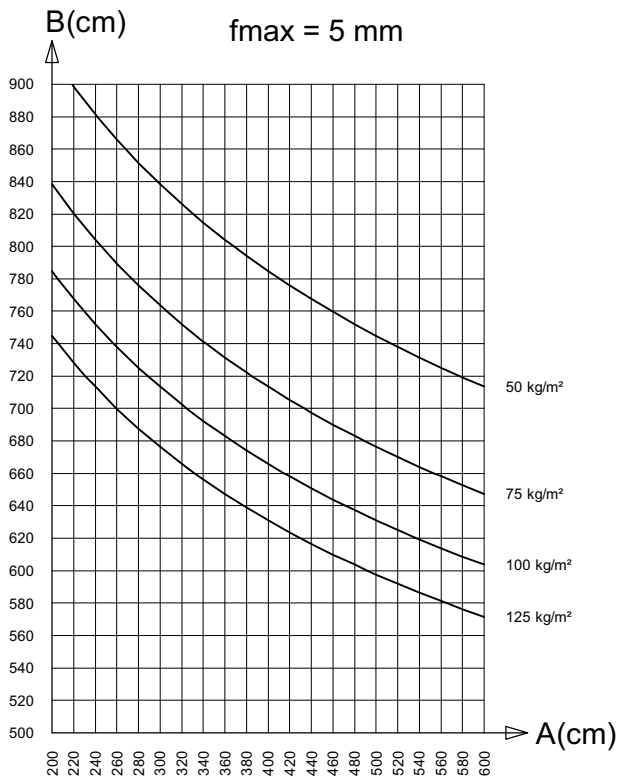
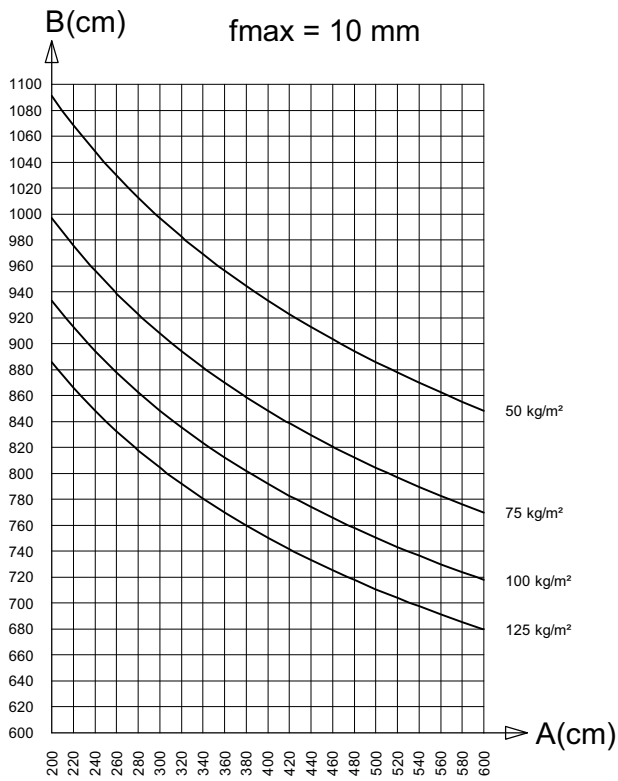
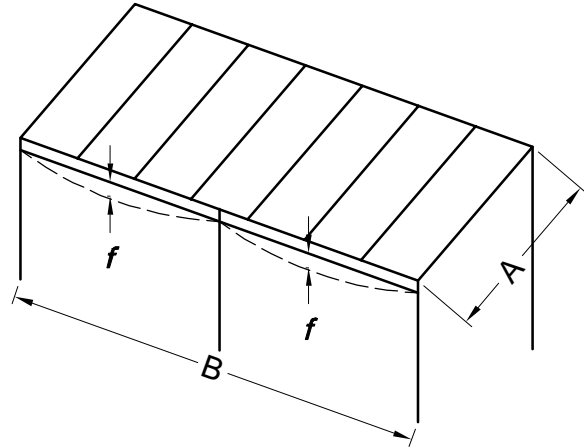
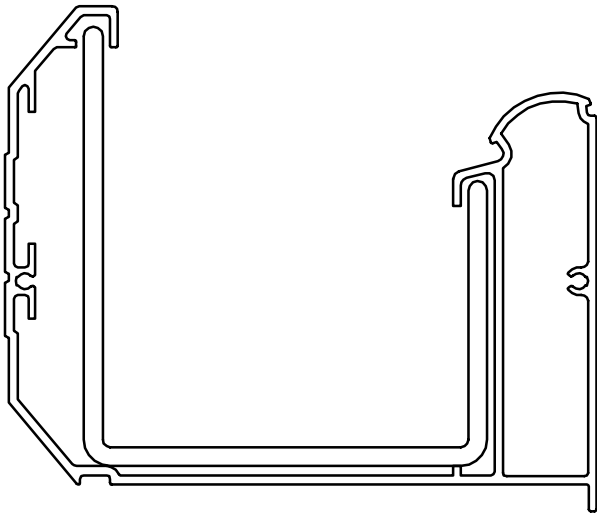
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica06

VR151 + VR122  
l<sub>xx</sub> = 389 cm<sup>4</sup>

Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



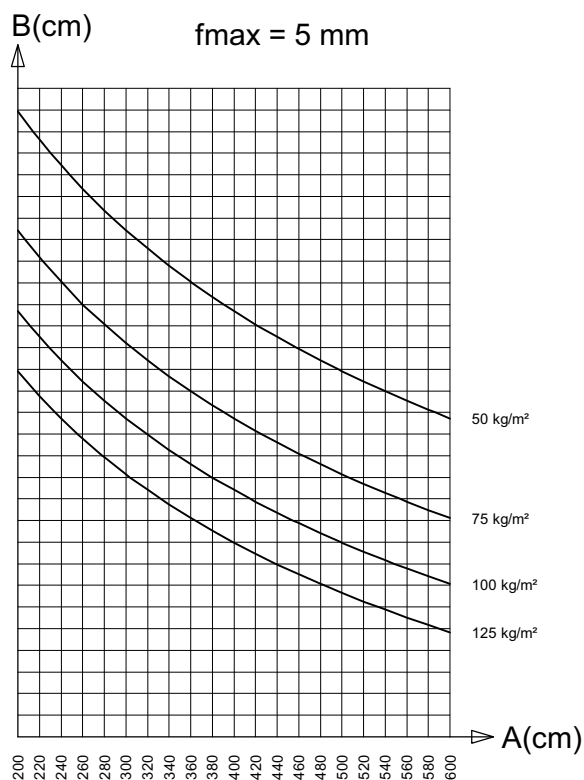
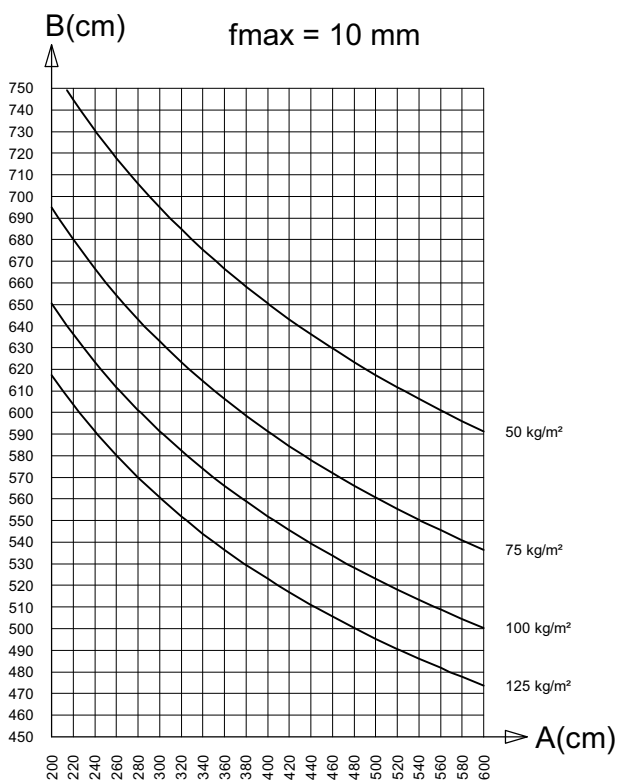
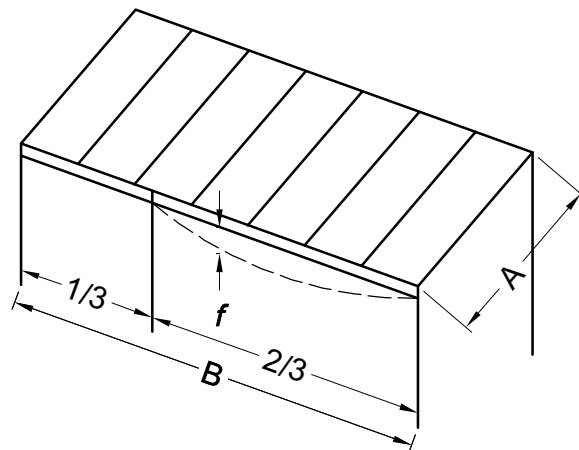
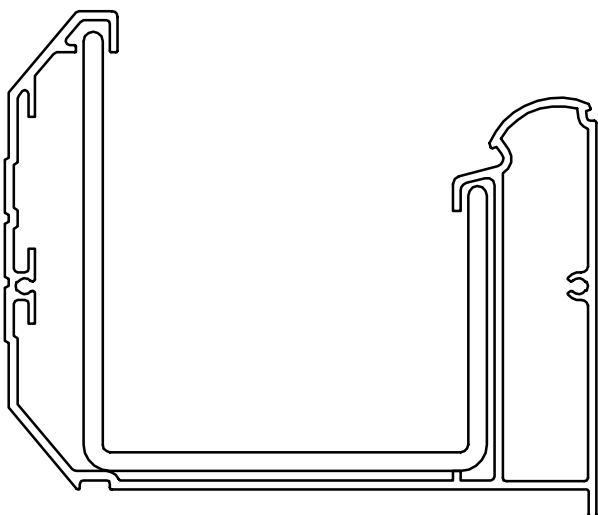
statica07



VR151 + VR122

$l_{xx} = 389 \text{ cm}^4$

Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung

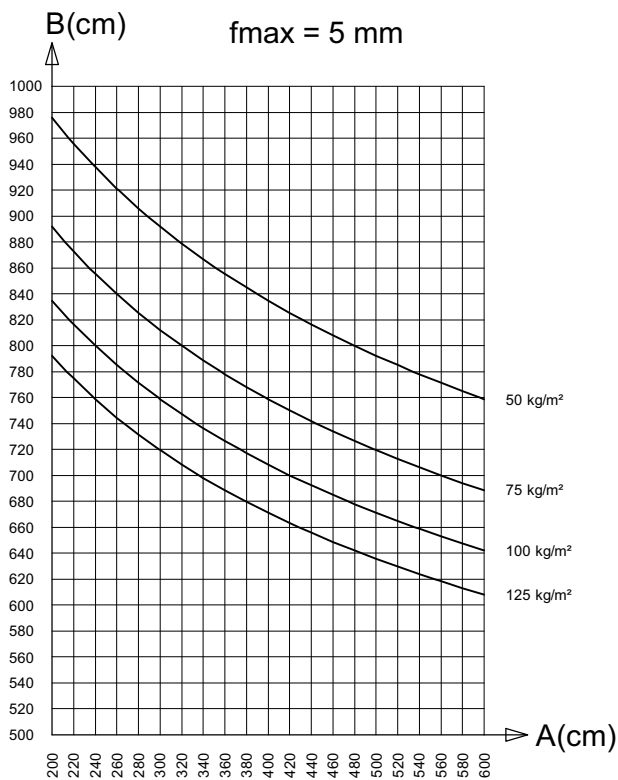
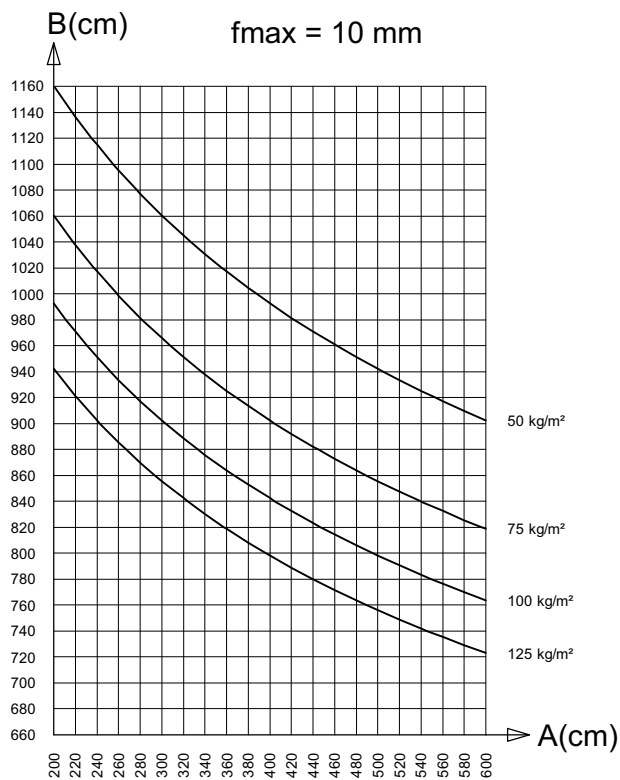
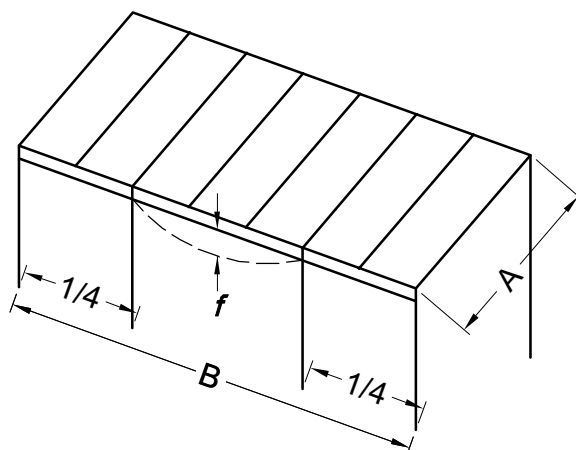
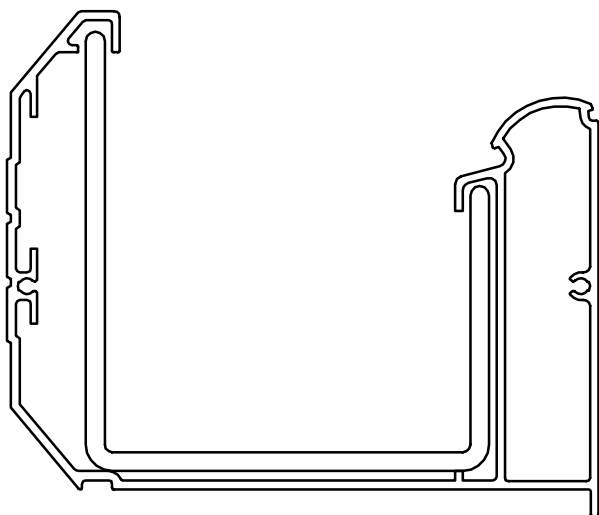


statica08

VR151 + VR122

$I_{xx} = 389 \text{ cm}^4$

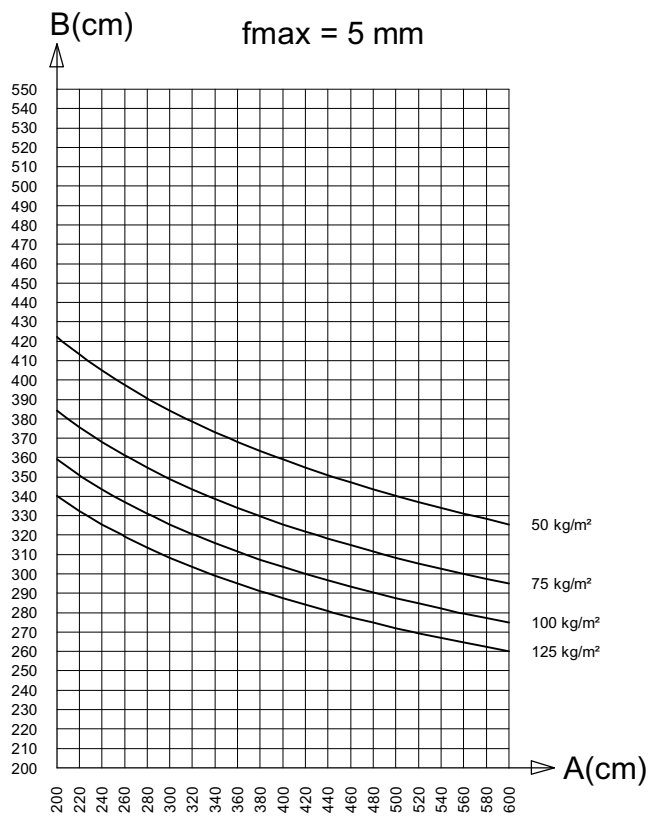
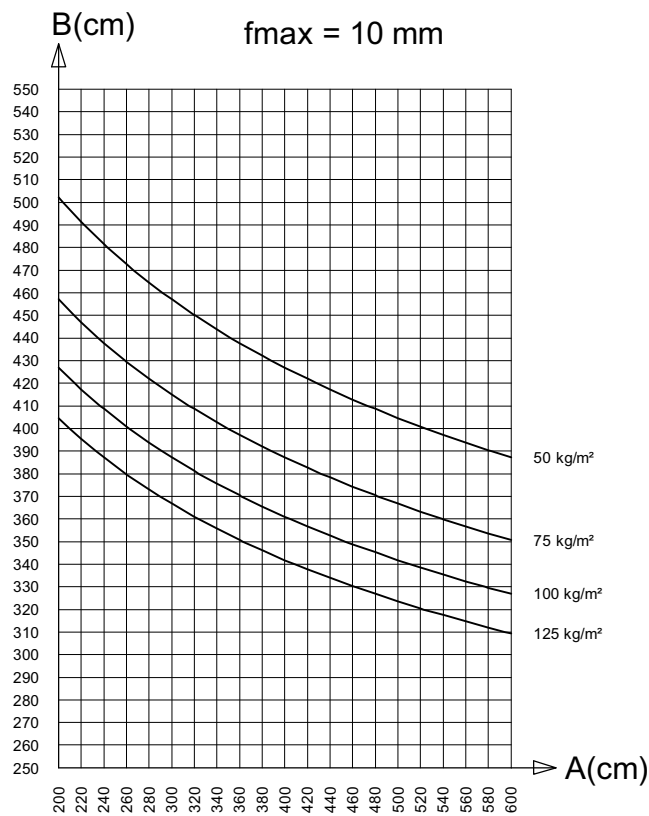
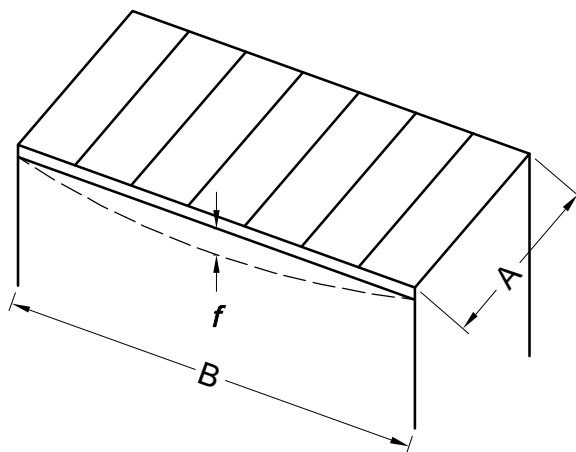
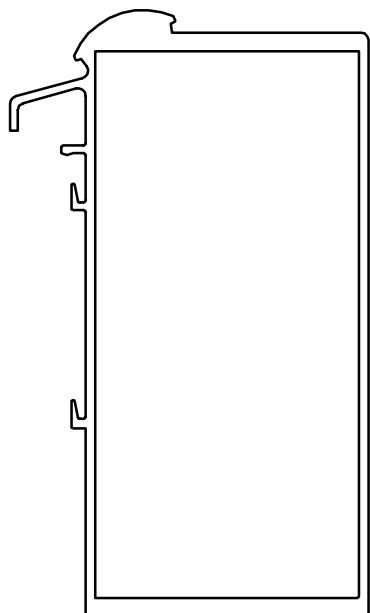
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica09

VR110  
I<sub>xx</sub> = 636.6 cm<sup>4</sup>

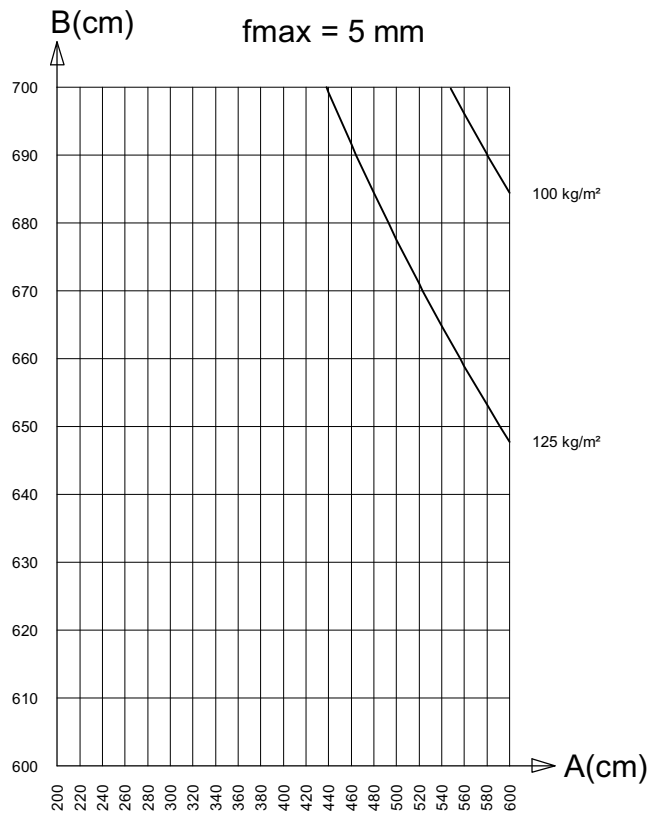
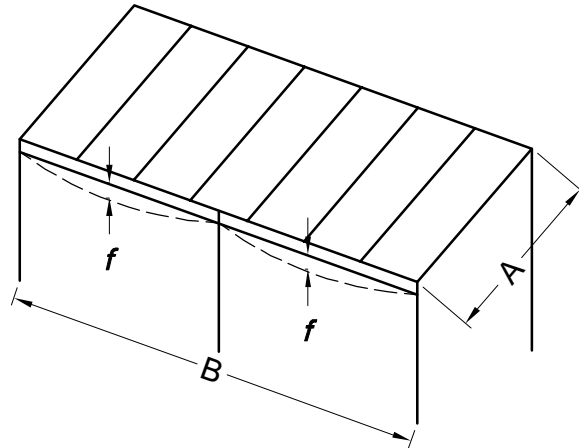
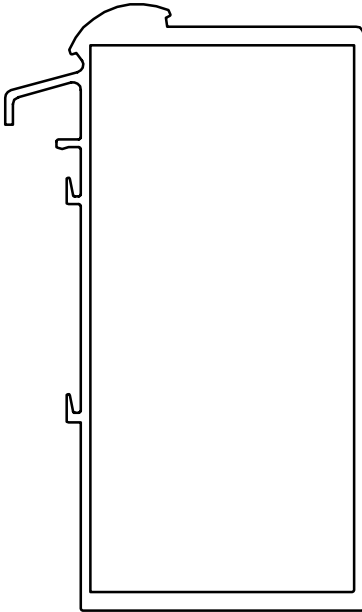
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica16

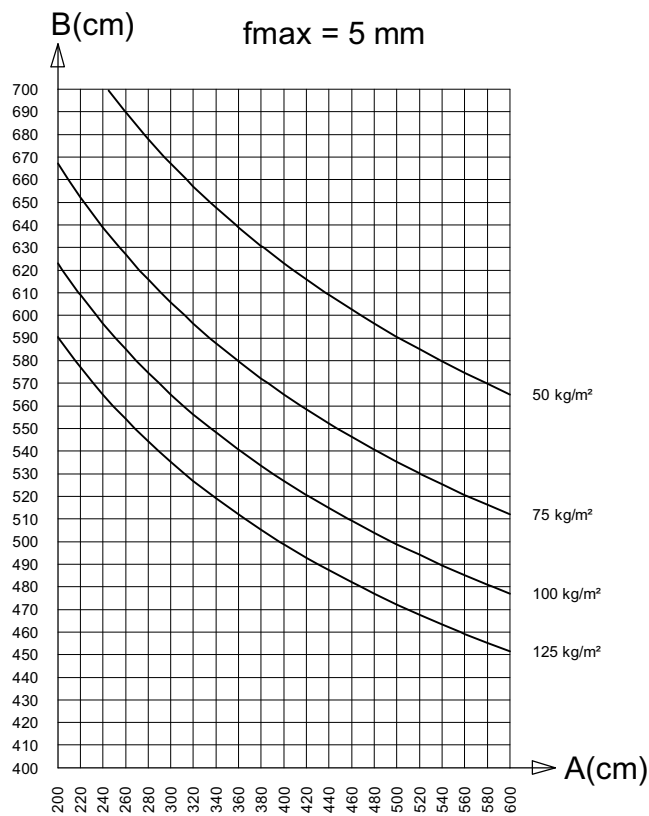
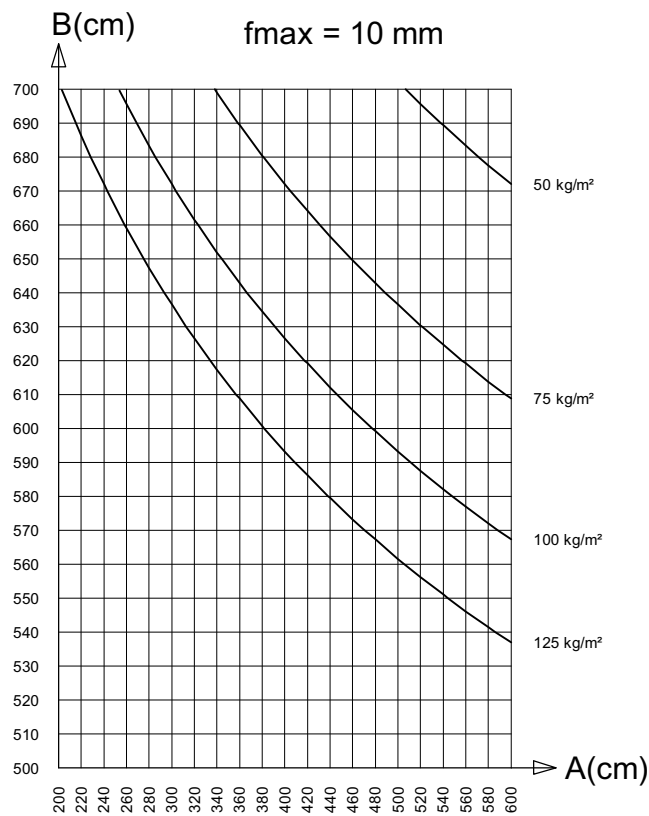
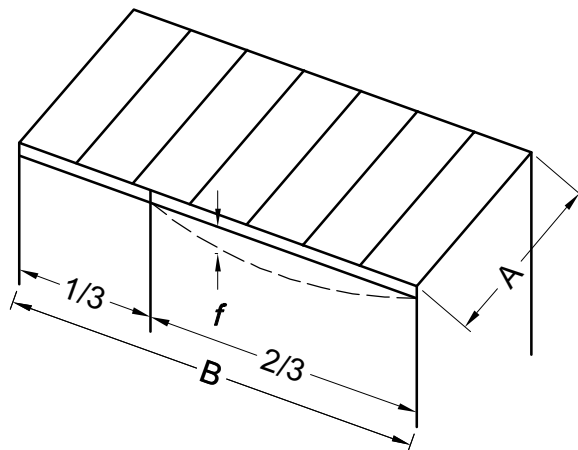
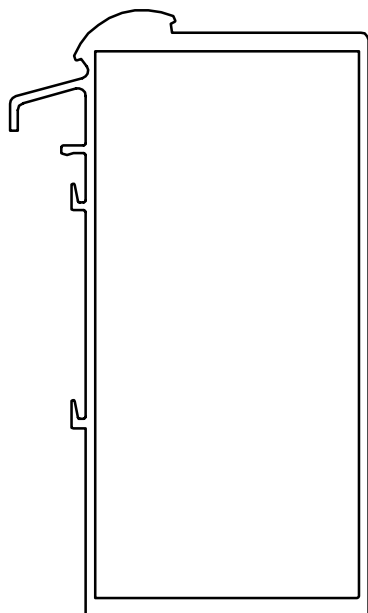
VR110  
I<sub>xx</sub> = 636.6 cm<sup>4</sup>

Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



VR110  
I<sub>xx</sub> = 636.6 cm<sup>4</sup>

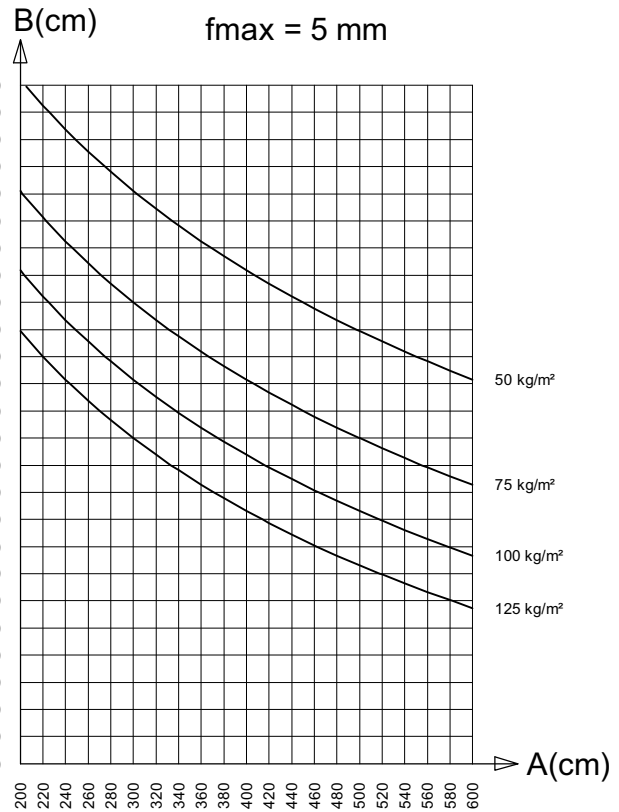
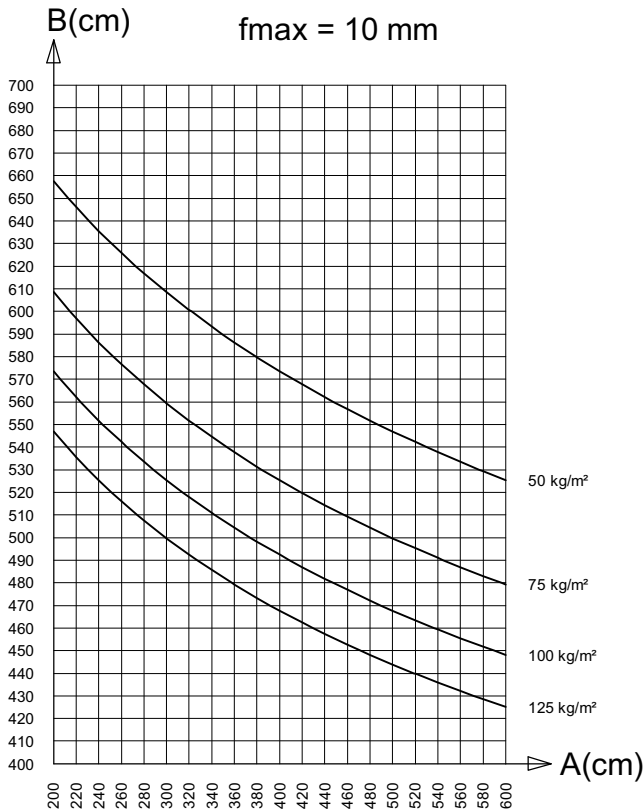
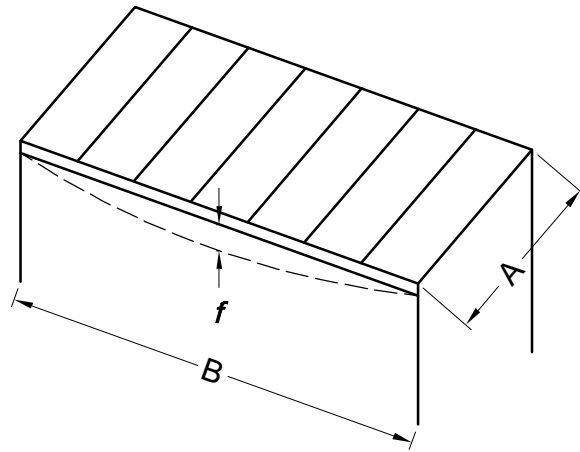
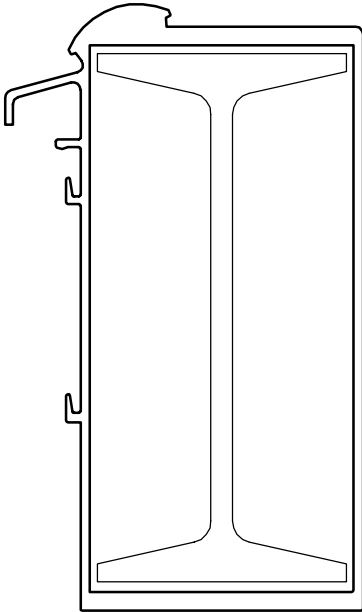
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



statica17

VR110 + IPN140  
I<sub>xx</sub> = 2355.6 cm<sup>4</sup>

Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung

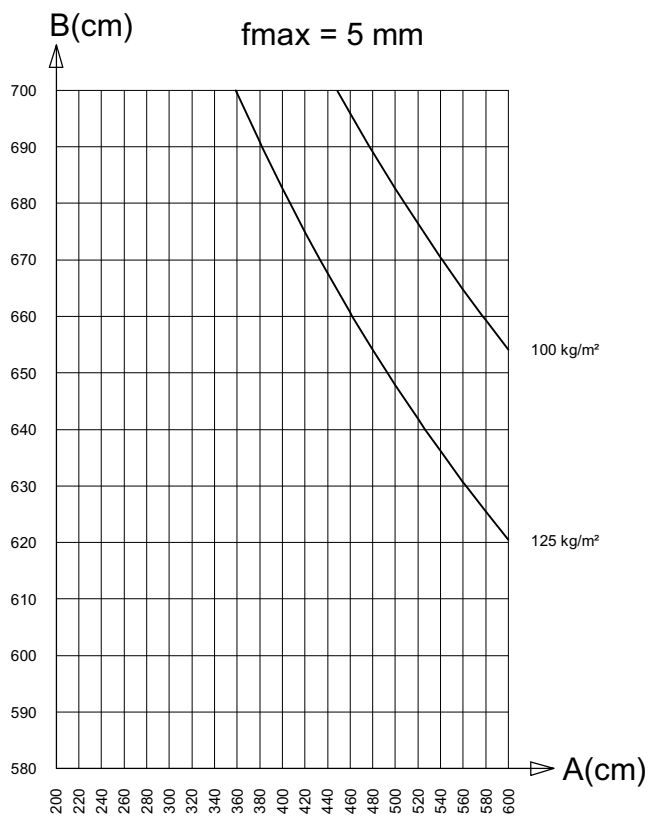
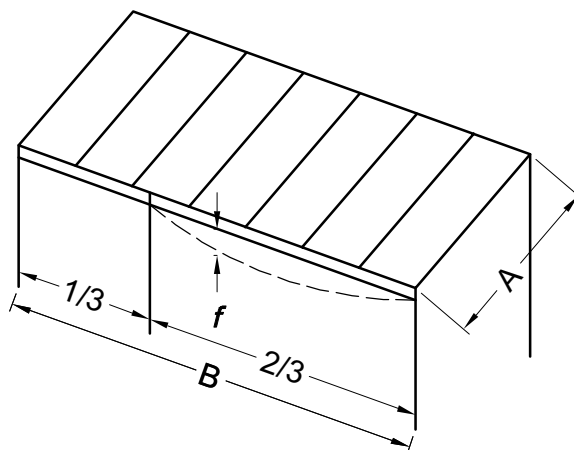
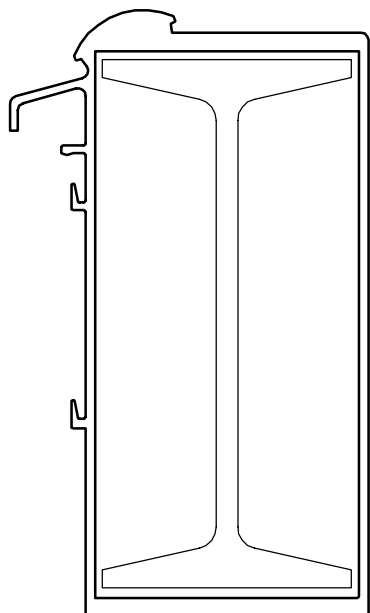


statica18

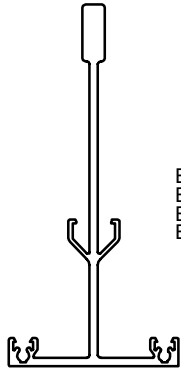
VR110 + IPN140

$I_{xx} = 2355.6 \text{ cm}^4$

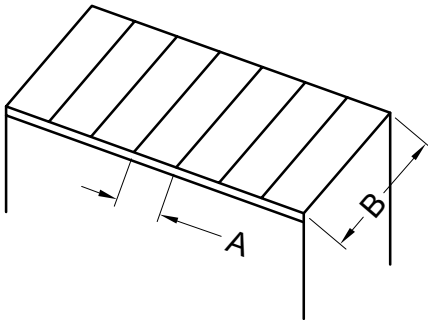
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



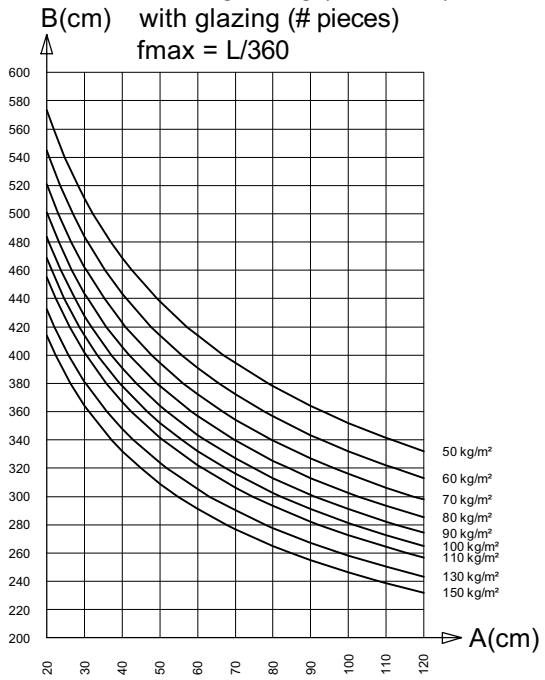
VR160  
 $I_{xx} = 156.9 \text{ cm}^4$



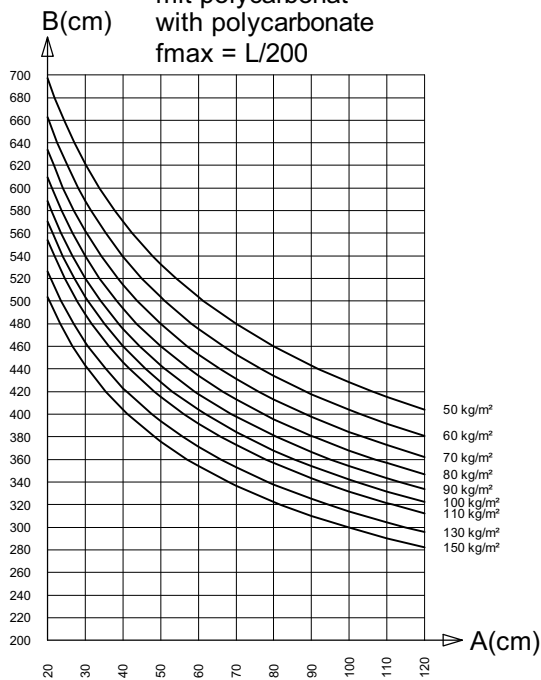
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



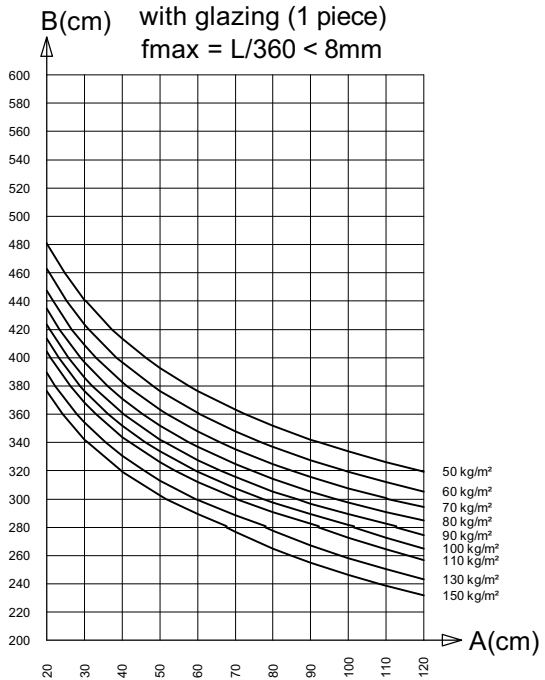
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
 $f_{max} = L/360$



met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
 $f_{max} = L/200$

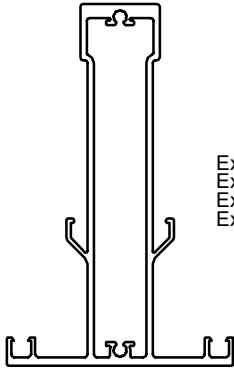


met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
 $f_{max} = L/360 < 8\text{mm}$

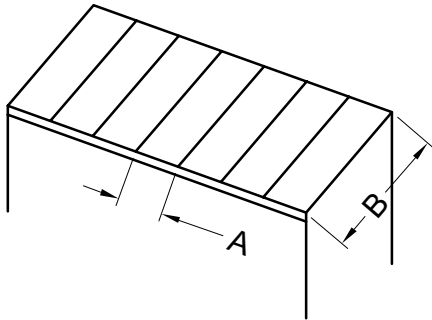




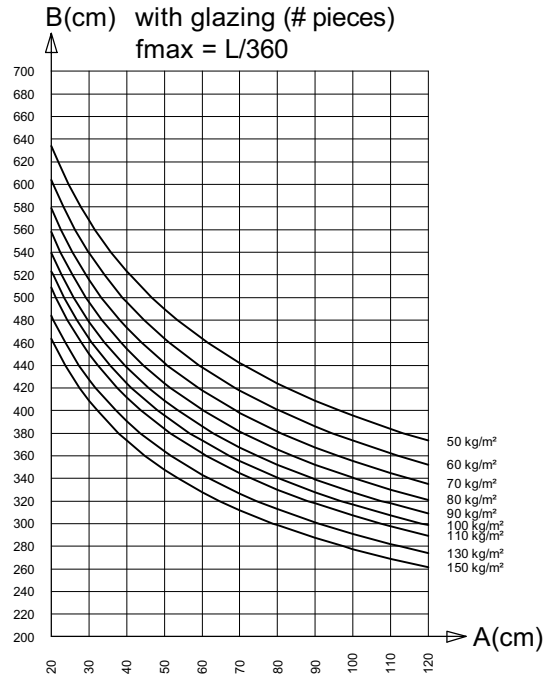
VR161  
I<sub>xx</sub> = 225.6 cm<sup>4</sup>



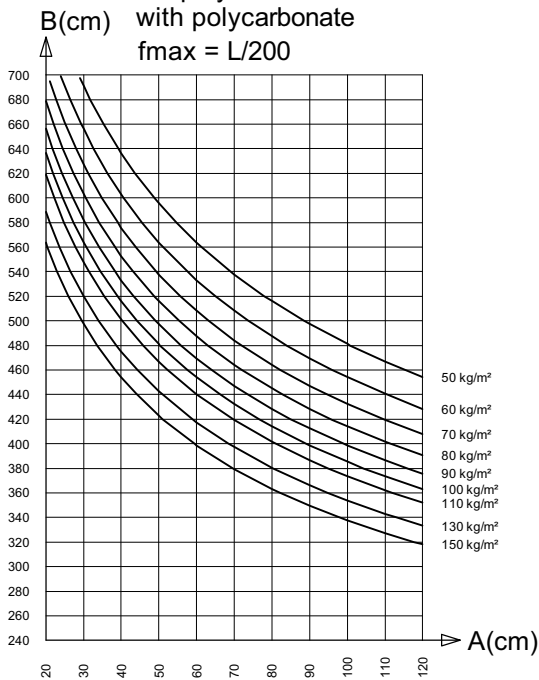
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



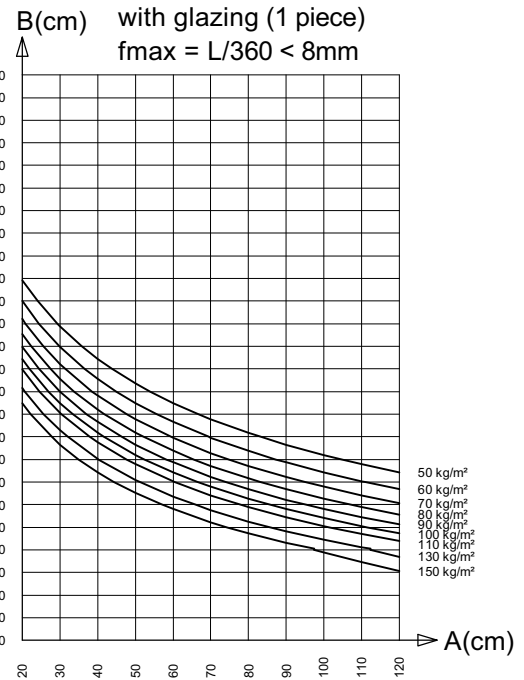
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



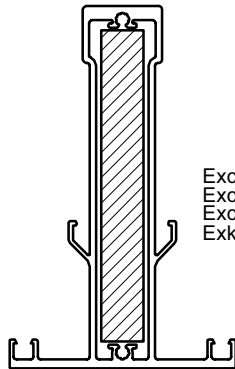
met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200



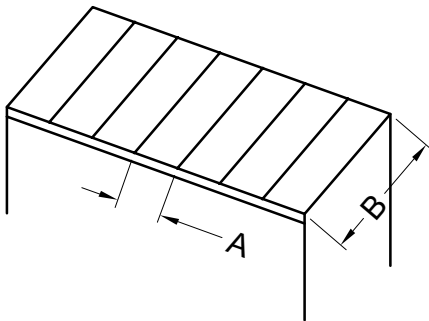
met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm



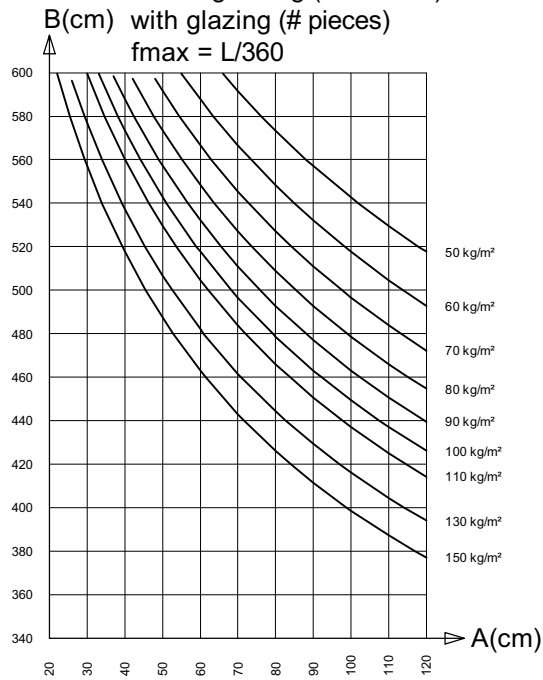
VR161 + VR162  
l<sub>xx</sub> = 724.7 cm<sup>4</sup>



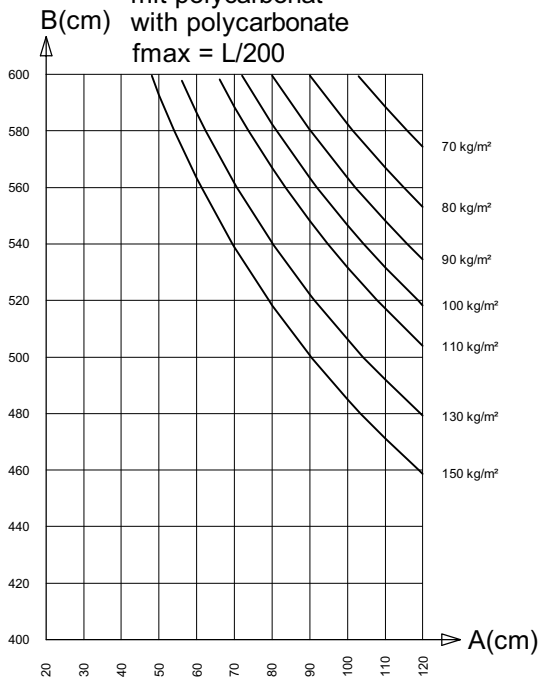
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



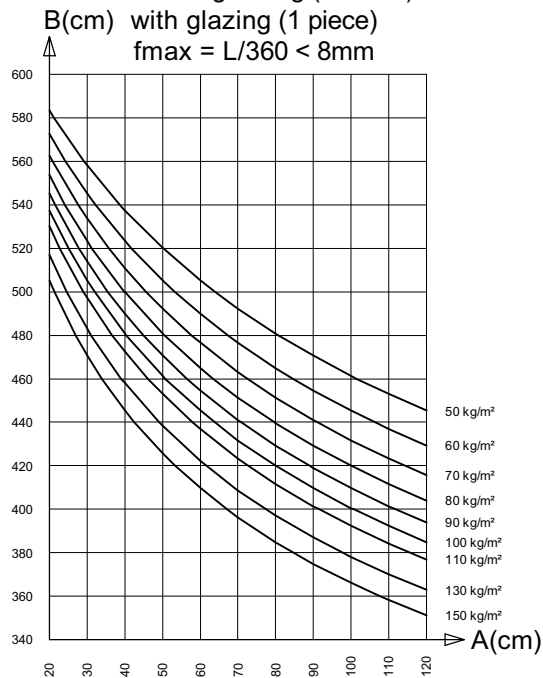
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



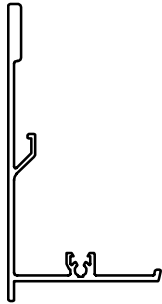
met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200



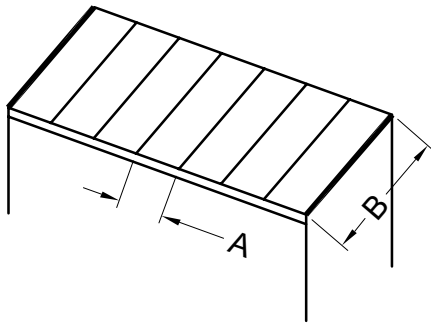
met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm



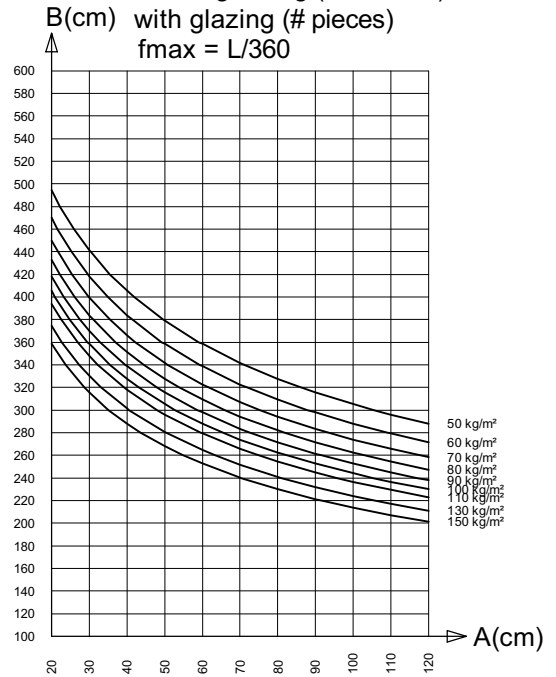
VR180  
I<sub>xx</sub> = 51.4 cm<sup>4</sup>



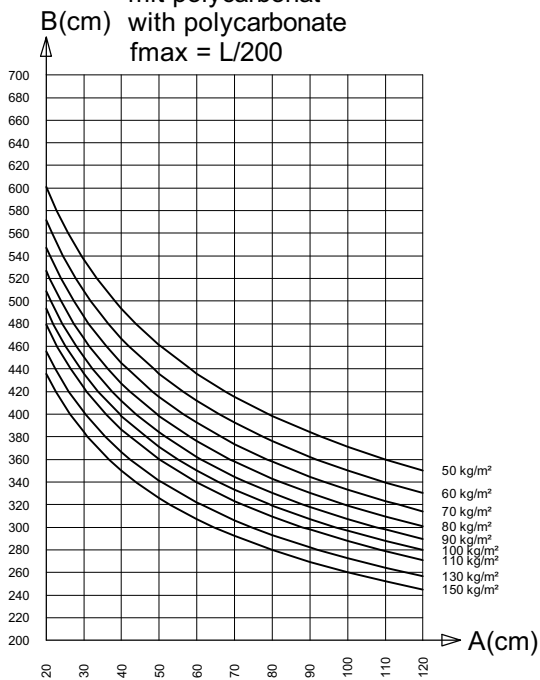
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



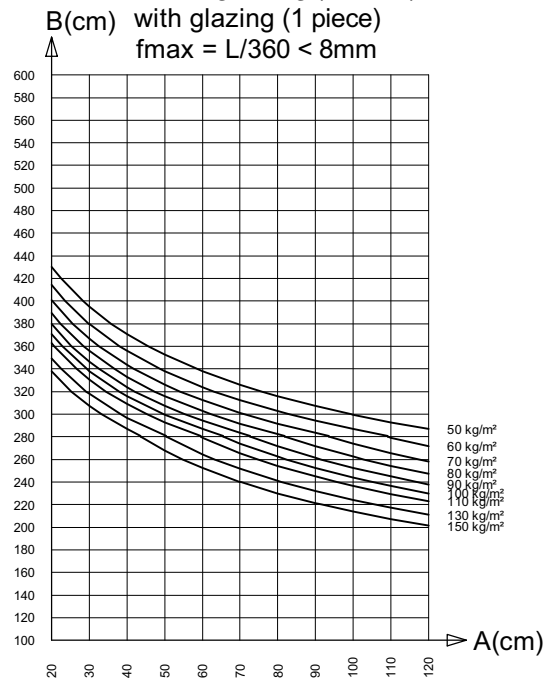
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



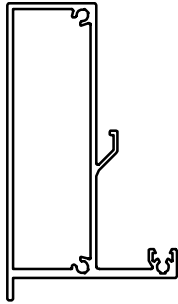
met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200



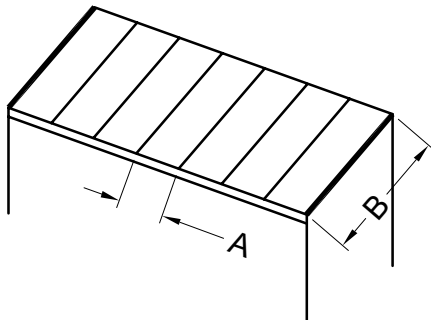
met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm



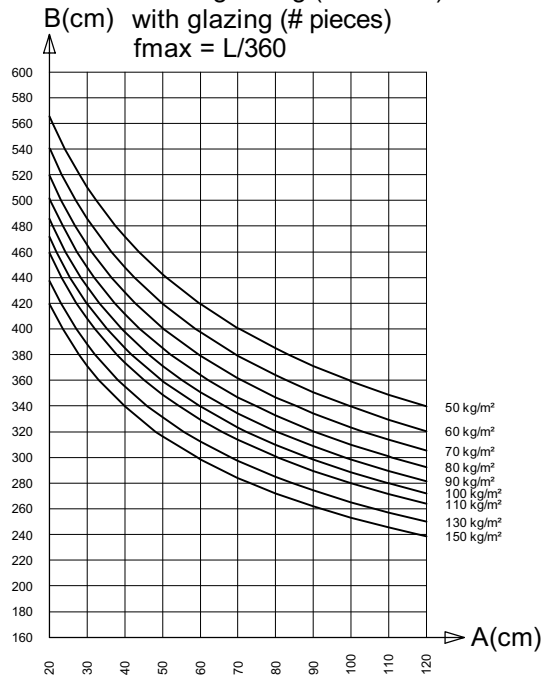
VR181  
I<sub>xx</sub> = 86.2 cm<sup>4</sup>



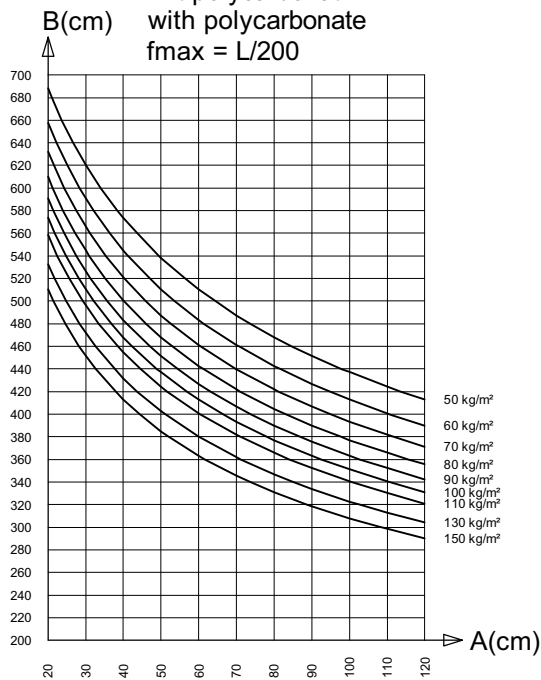
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



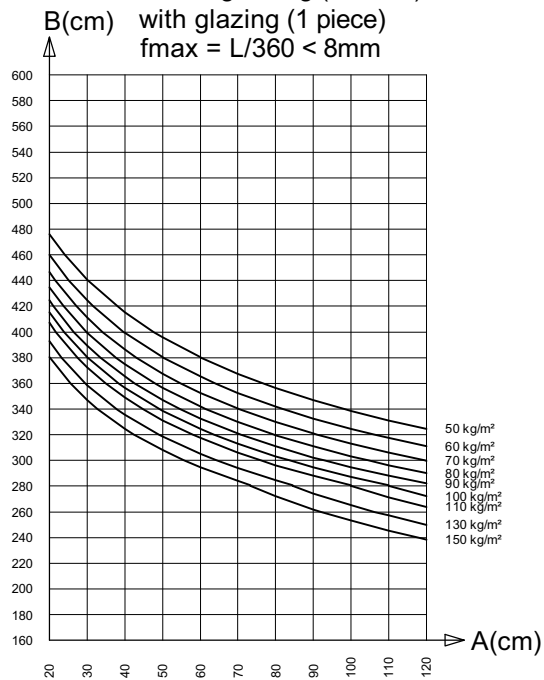
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200

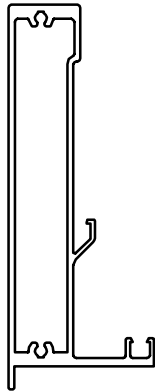


met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm

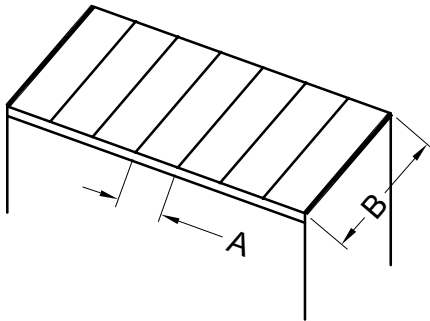


statica13

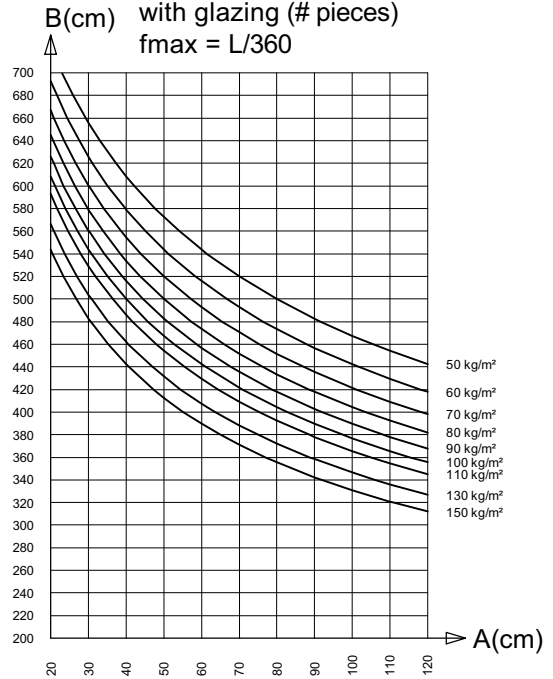
VR182  
I<sub>xx</sub> = 200 cm<sup>4</sup>



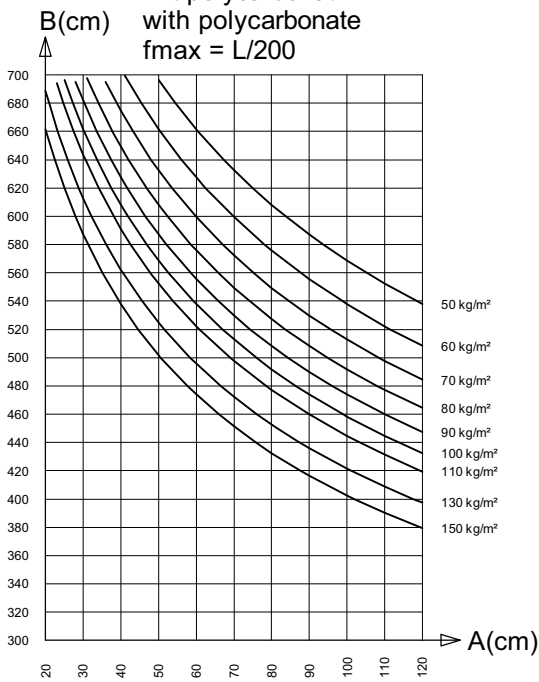
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



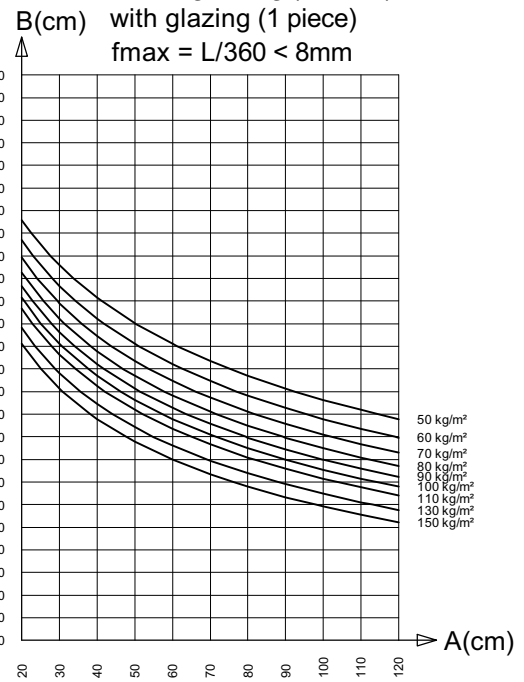
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



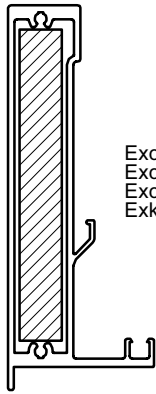
met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200



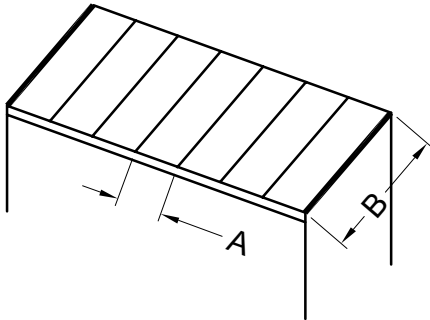
met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm



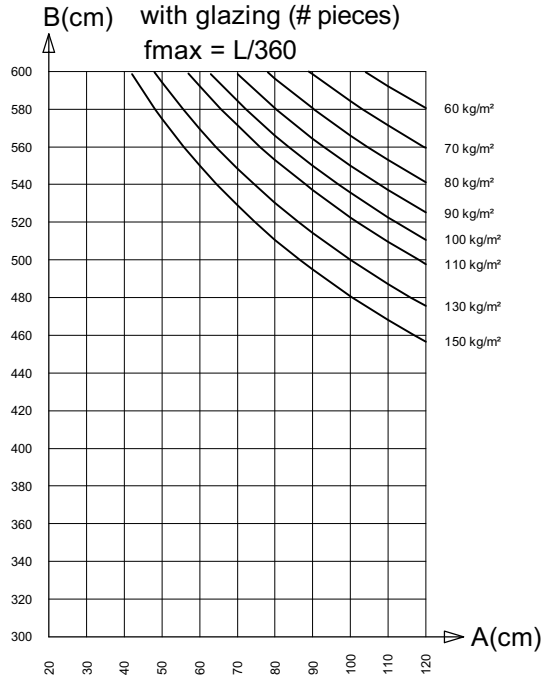
VR182 + VR162  
l<sub>xx</sub> = 699.2 cm<sup>4</sup>



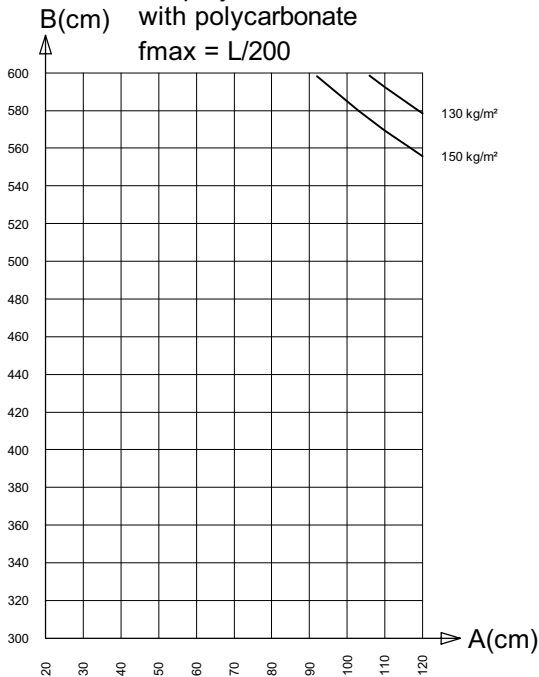
Exclusief Dakbedekking  
Exclusive Roofing  
Exclusif Couverture  
Exklusiv Dakbedeckung



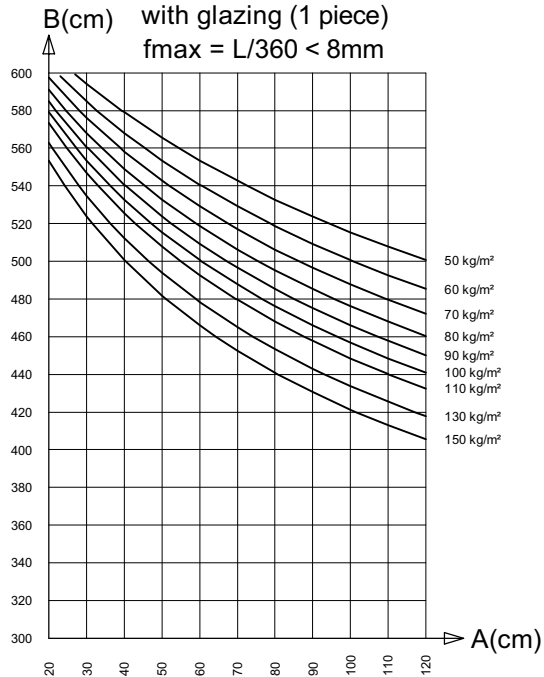
met glas (# stukken)  
avec vitrage (# pièces)  
mit verglasung (# Stücken)  
with glazing (# pieces)  
f<sub>max</sub> = L/360



met polycarbonaat  
avec polycarbonate  
mit polycarbonat  
with polycarbonate  
f<sub>max</sub> = L/200




met glas (1 stuk)  
avec vitrage (1 pièce)  
mit verglasung (1 Stück)  
with glazing (1 piece)  
f<sub>max</sub> = L/360 < 8mm

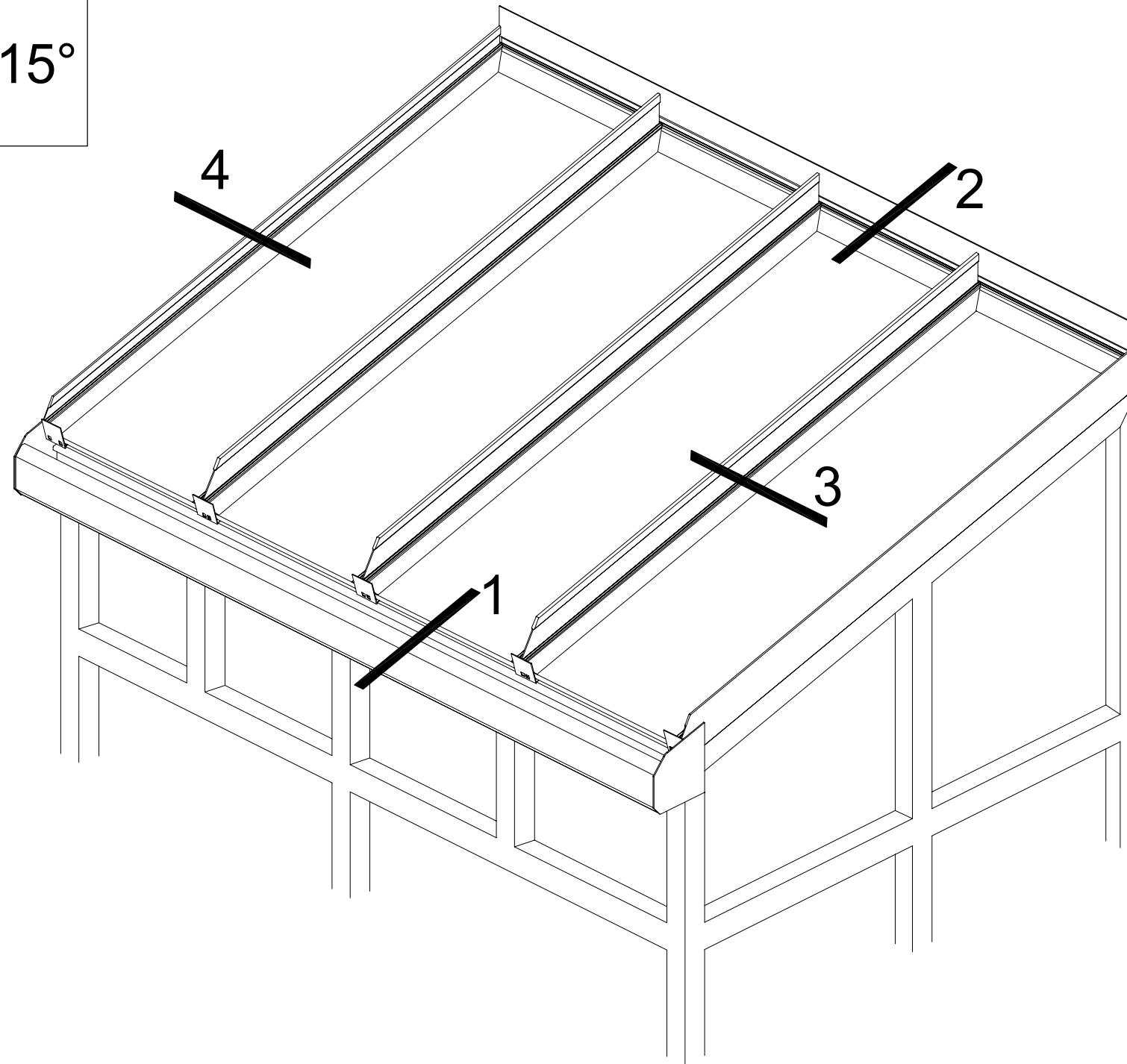


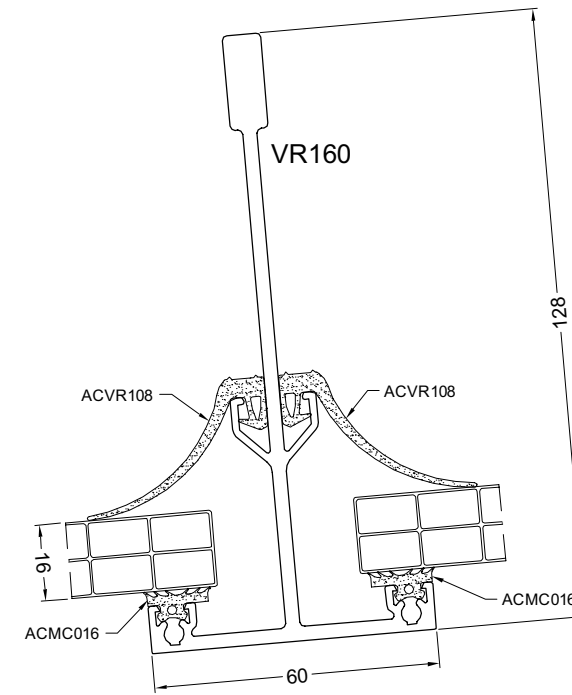
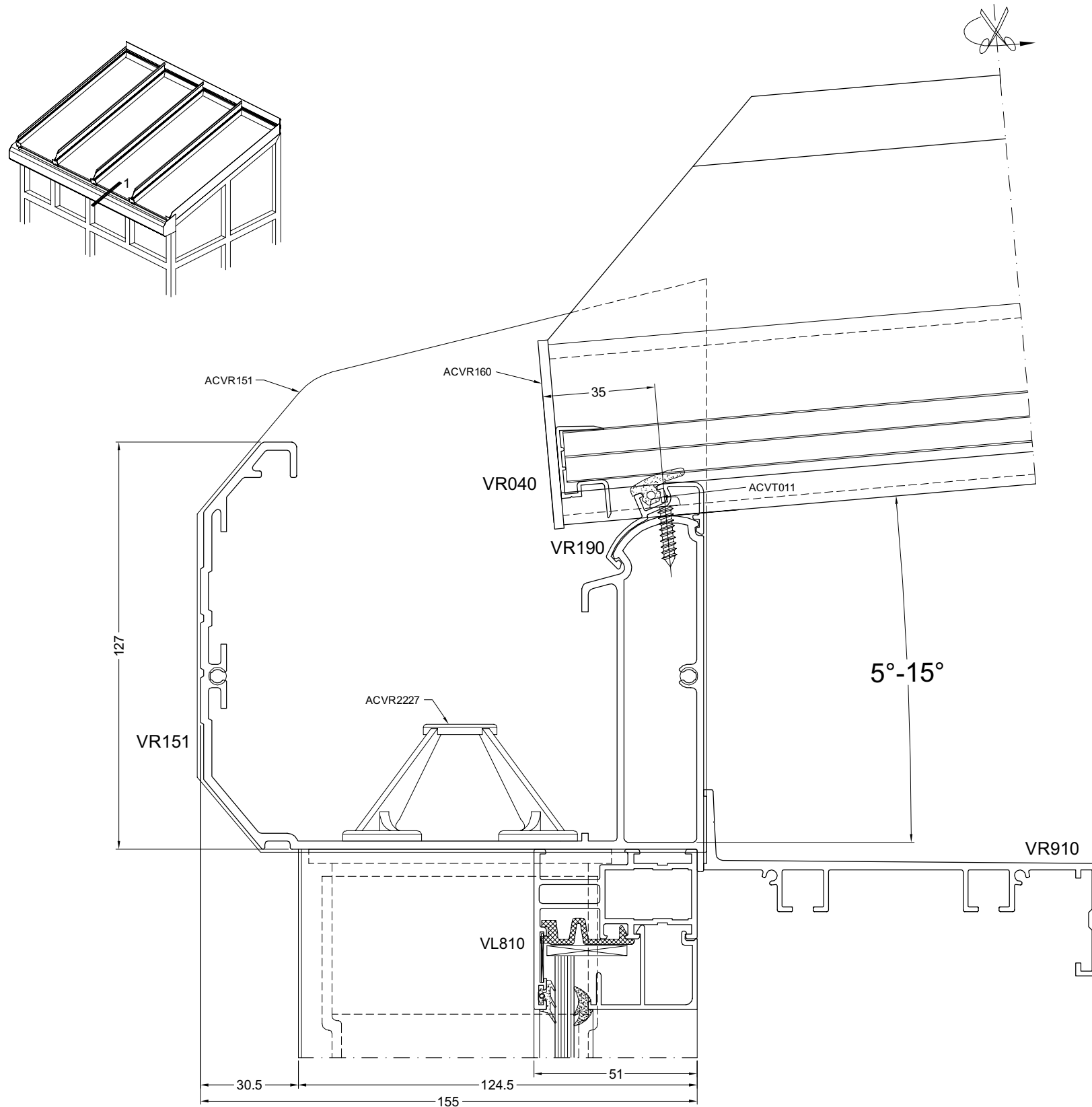
statica15

POLYCARBONAAT  
POLYCARBONATE  
POLYCARBONAT  
POLYCARBONATE

DOORSNEDE - COUPE - SCHNITT - SECTION

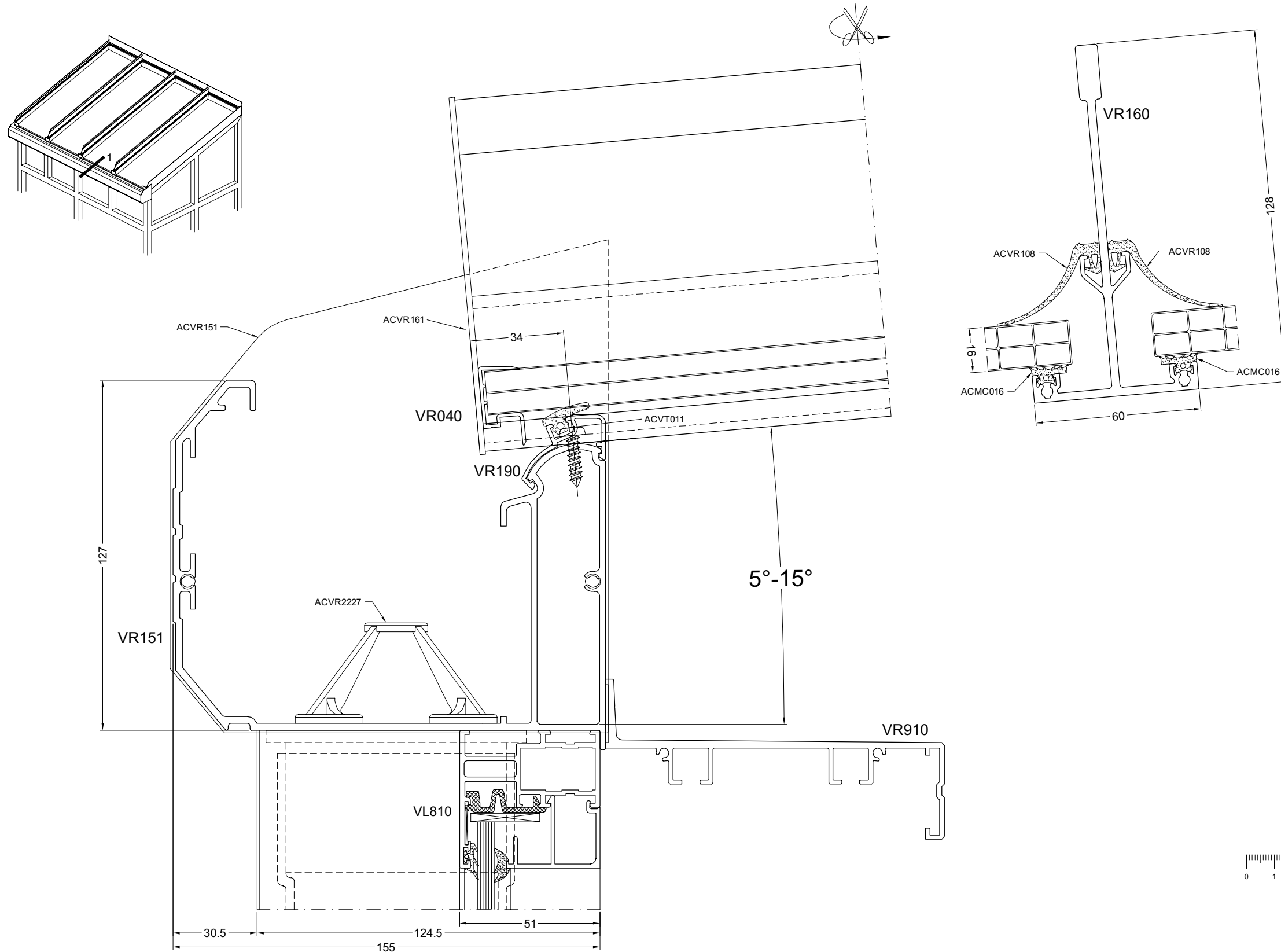
 Min. 5° < Max. 15°



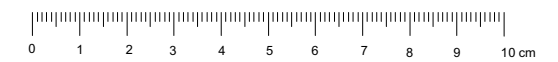
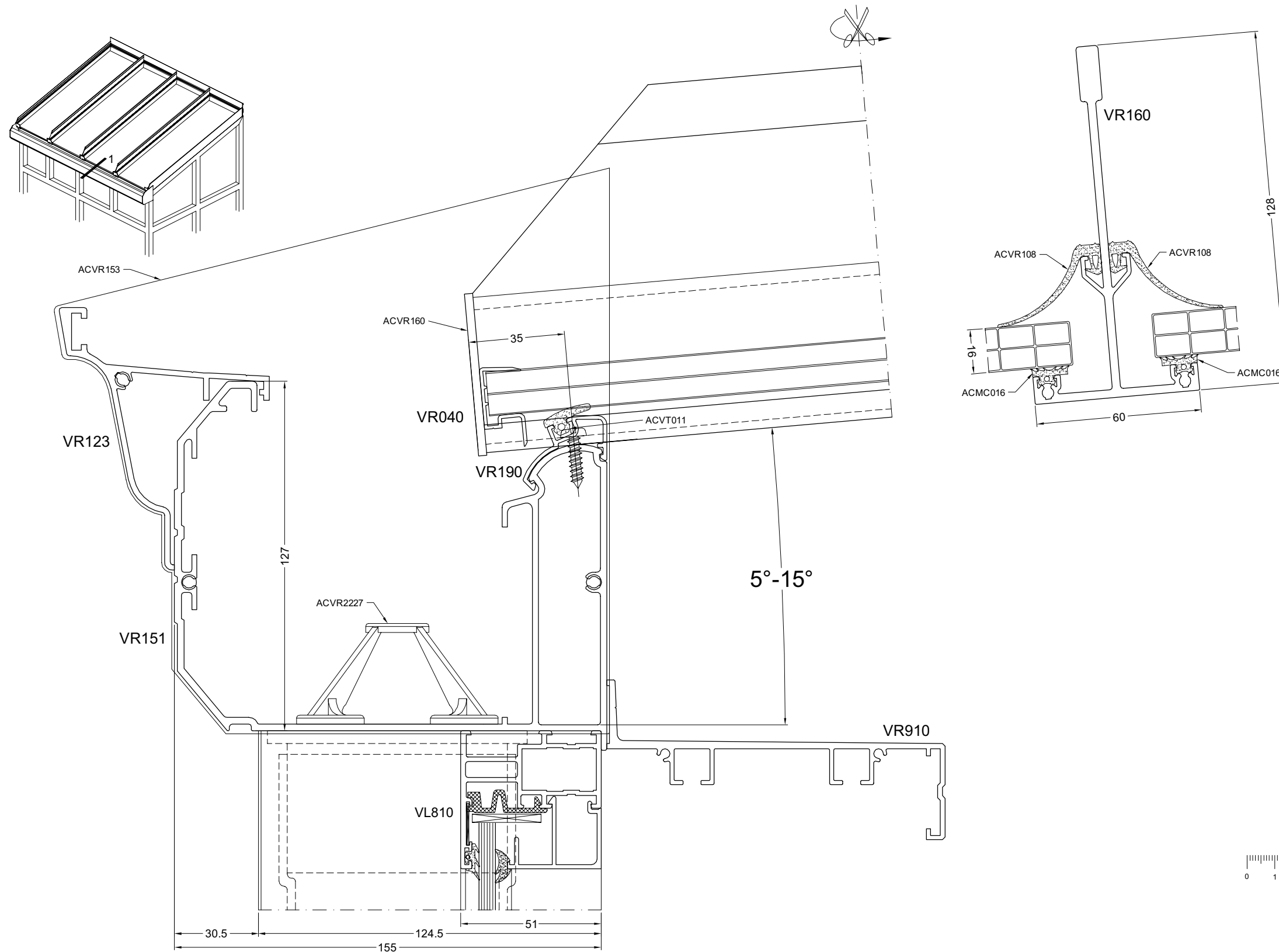


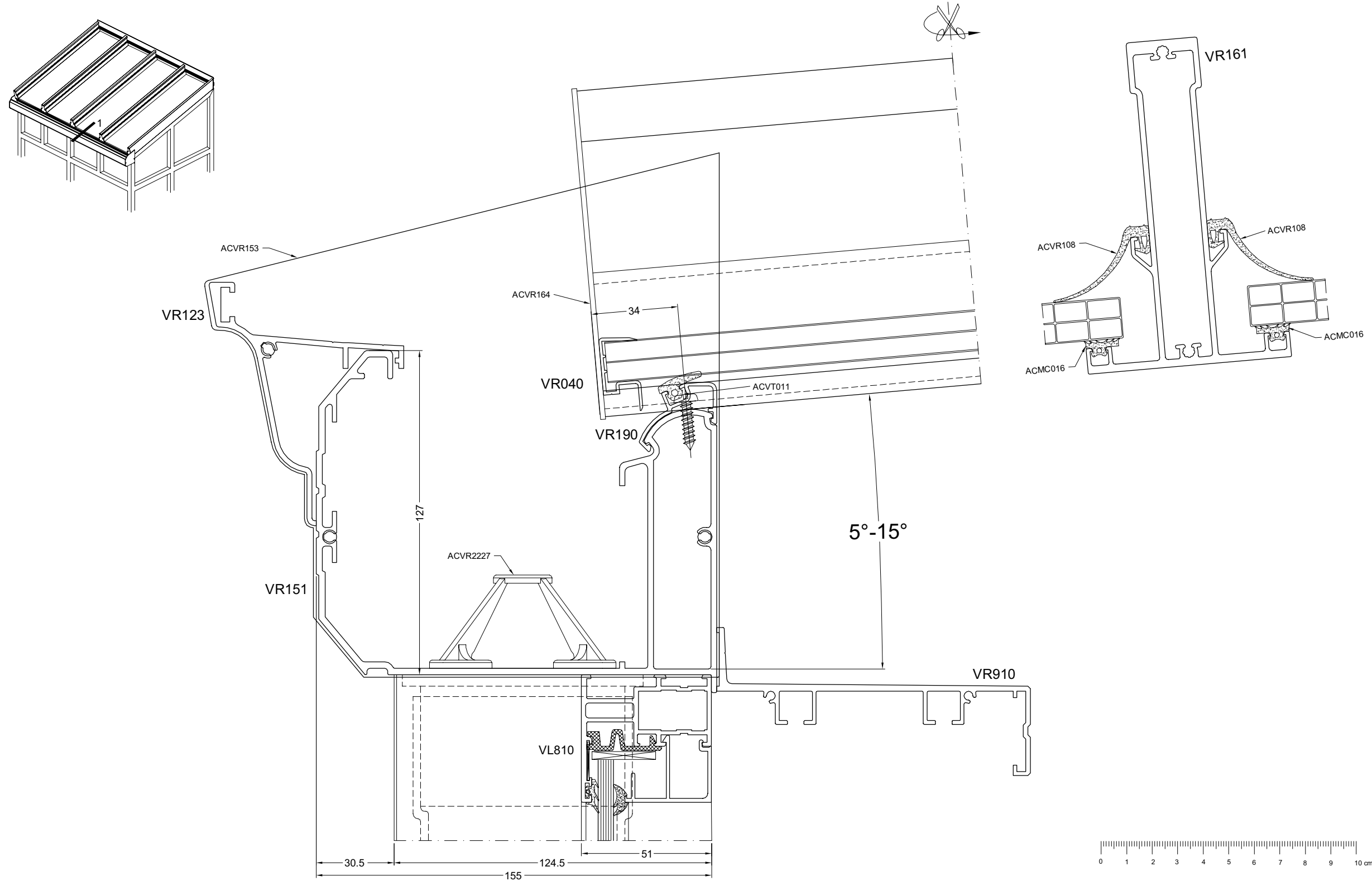
door1



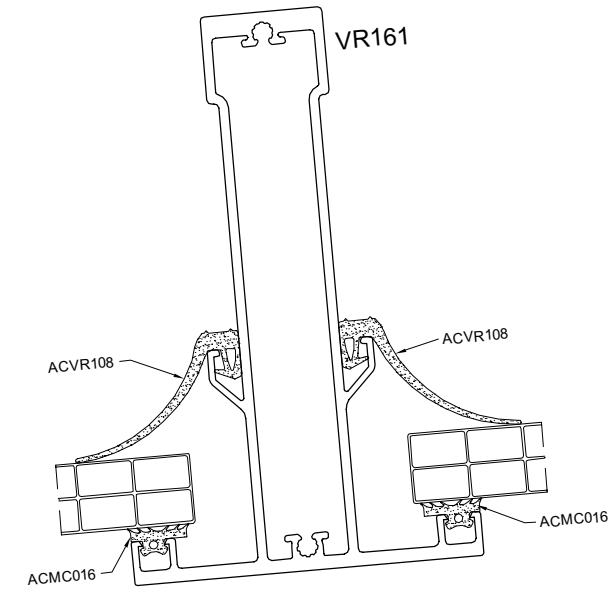
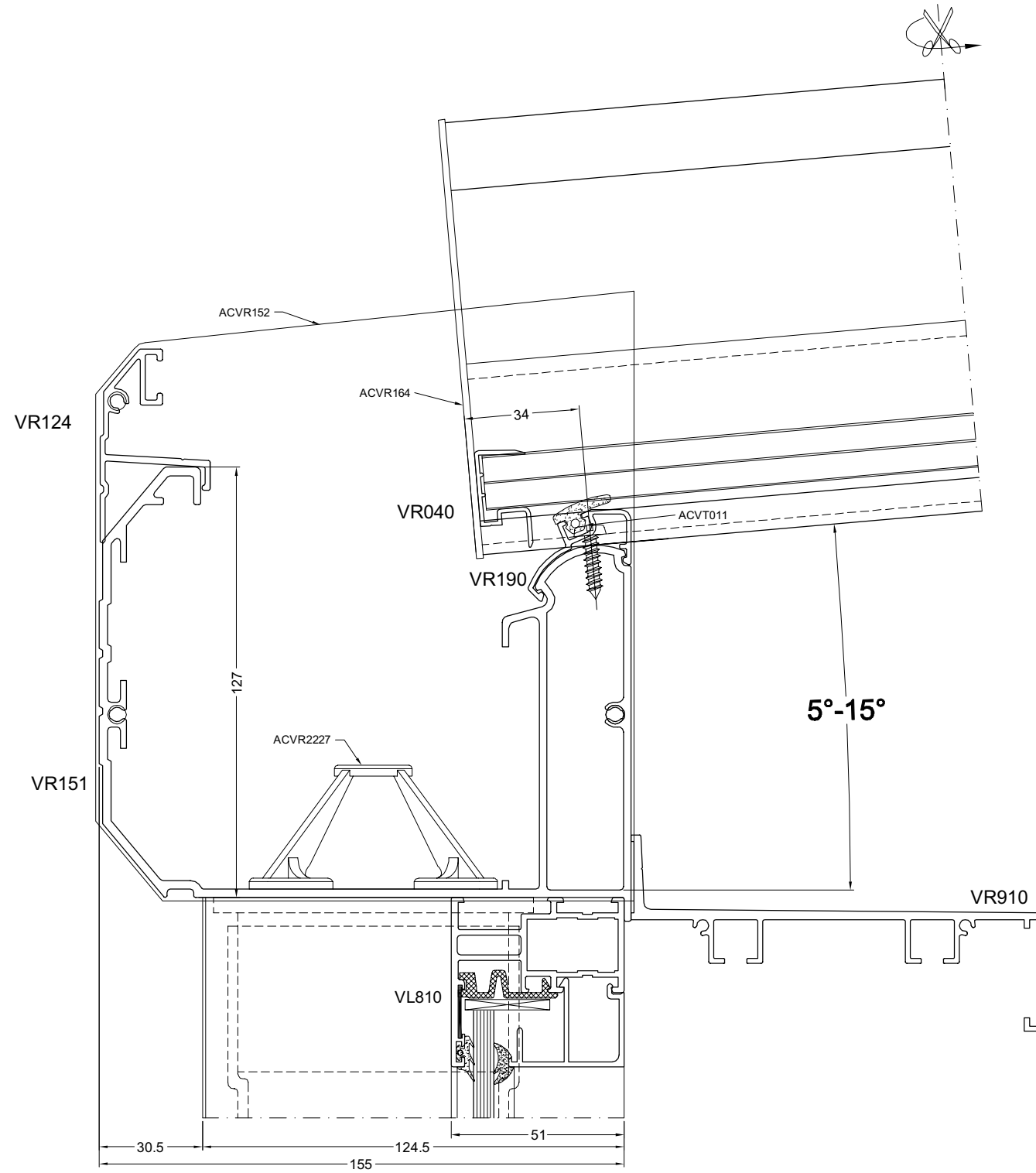
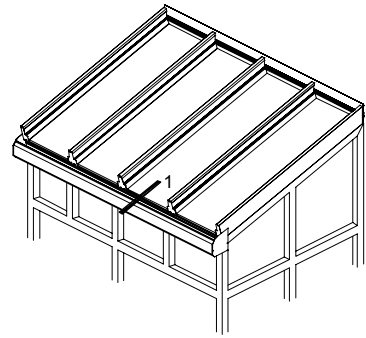


door1b

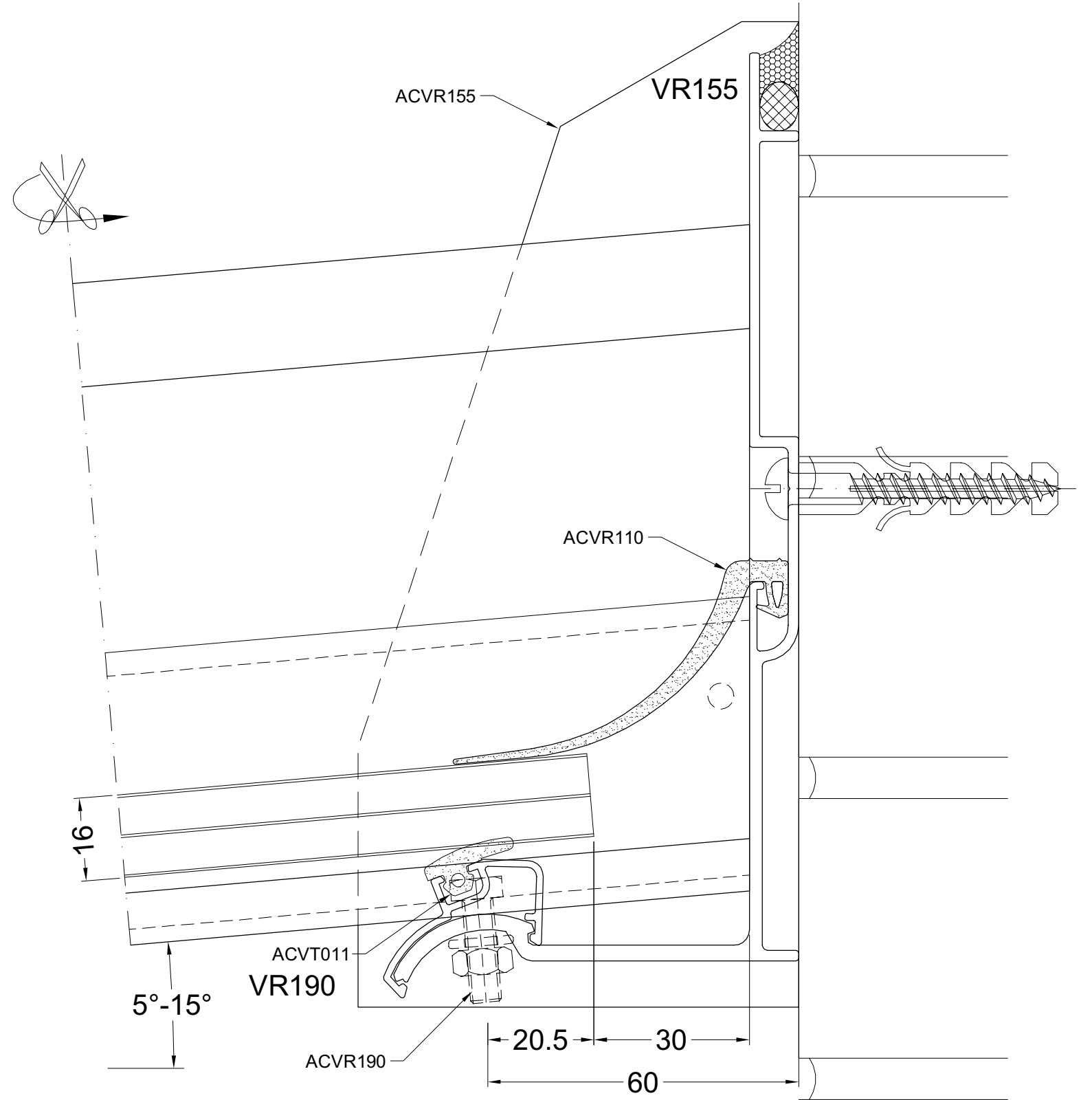
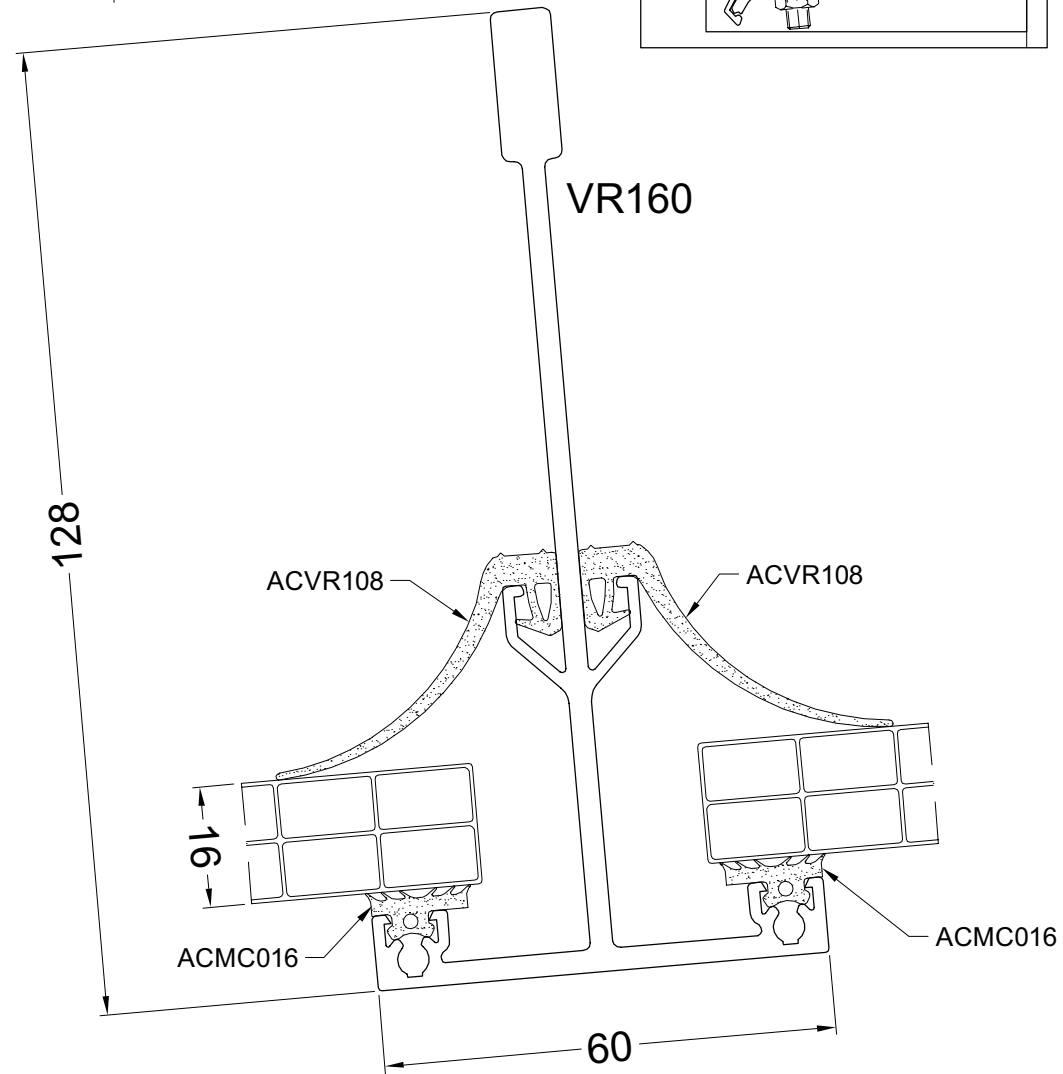
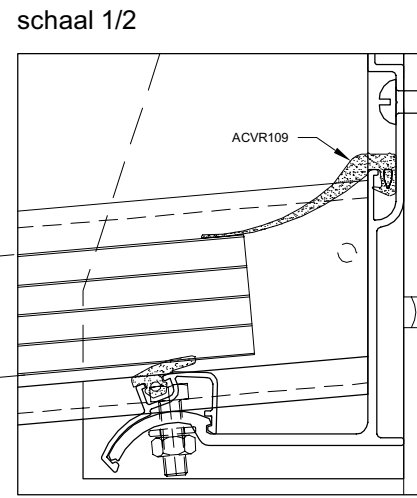
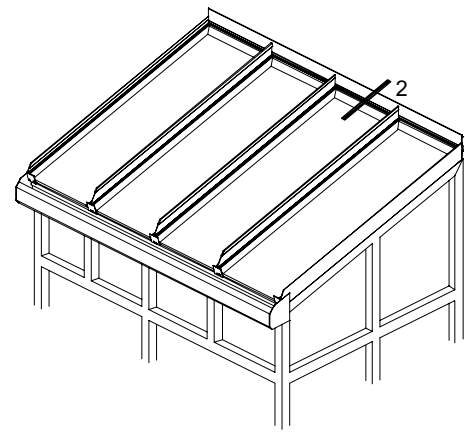




door1d

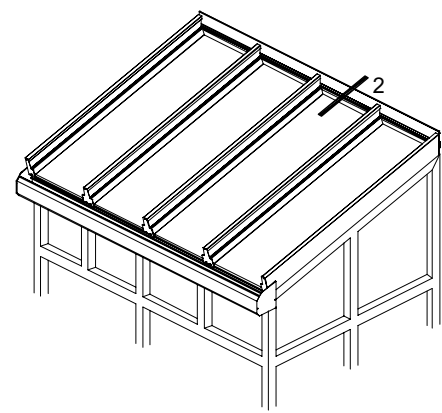




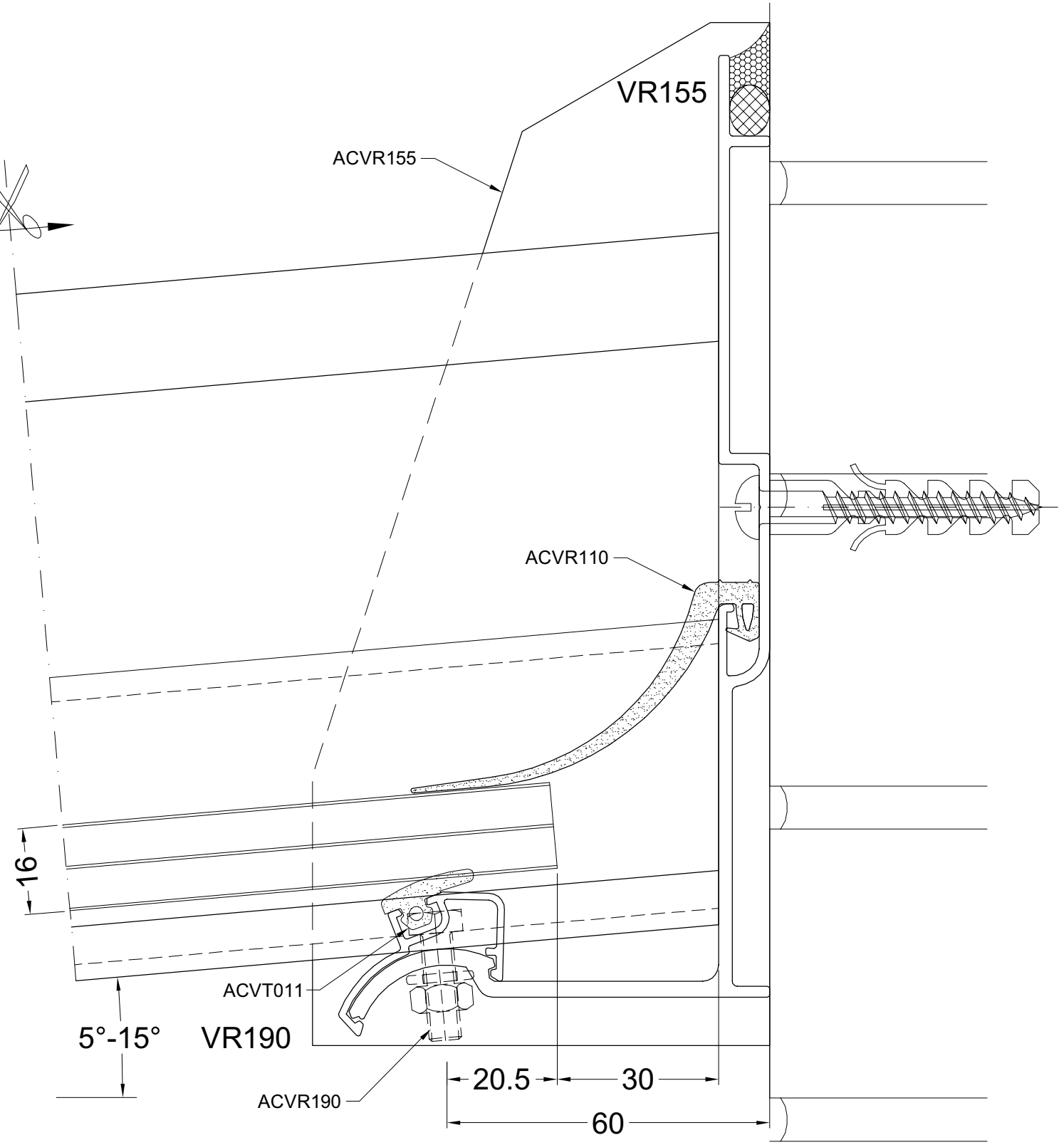
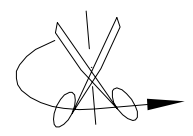
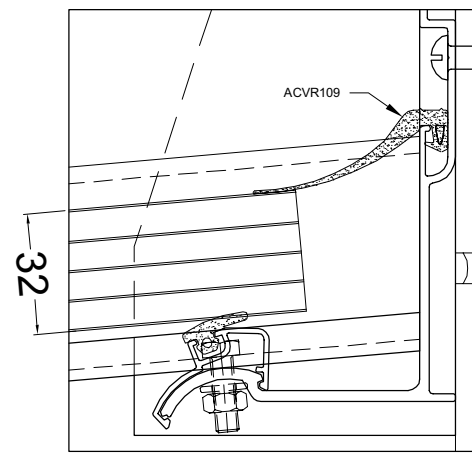


2B

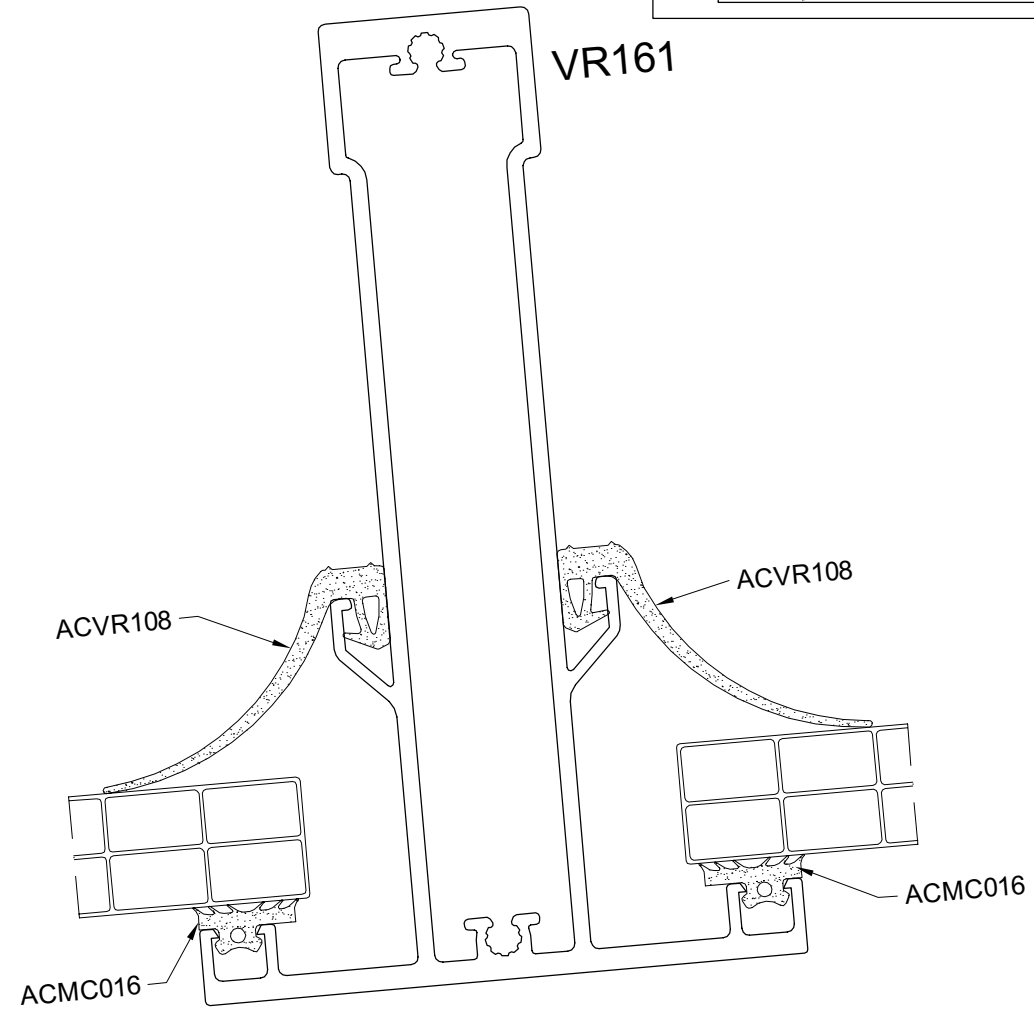
DOORSNEDE - COUPE - SCHNITT - SECTION

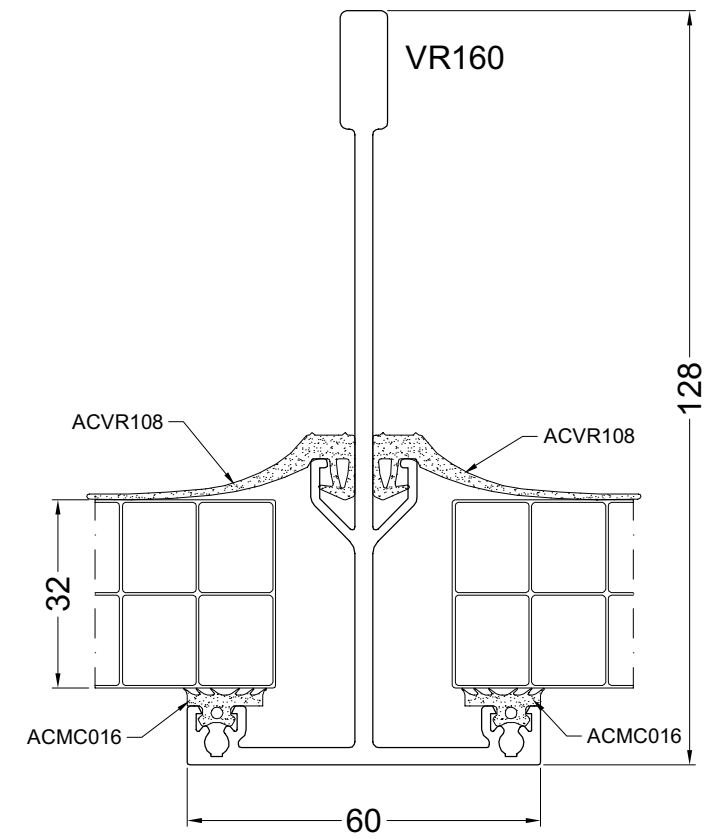
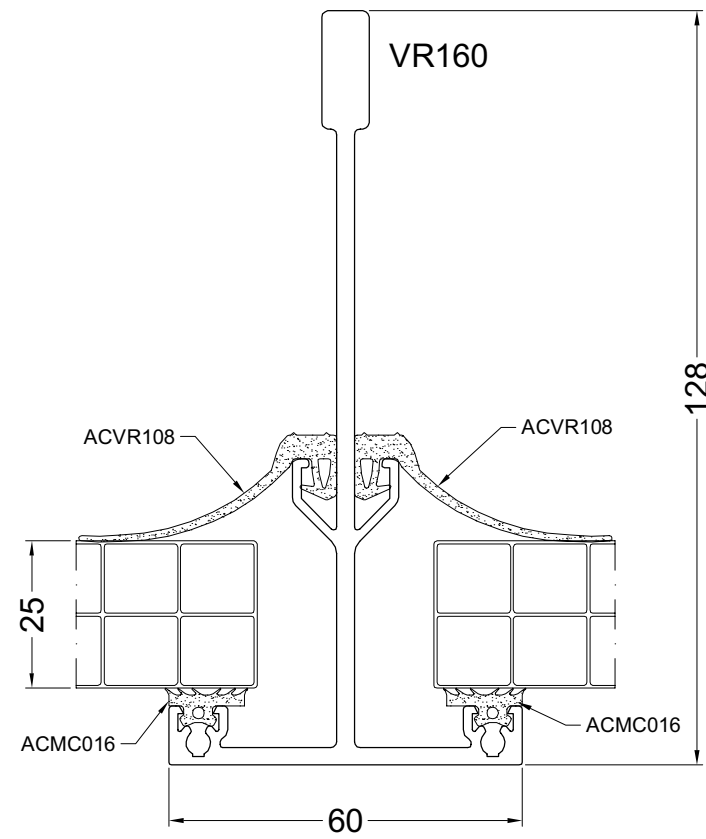
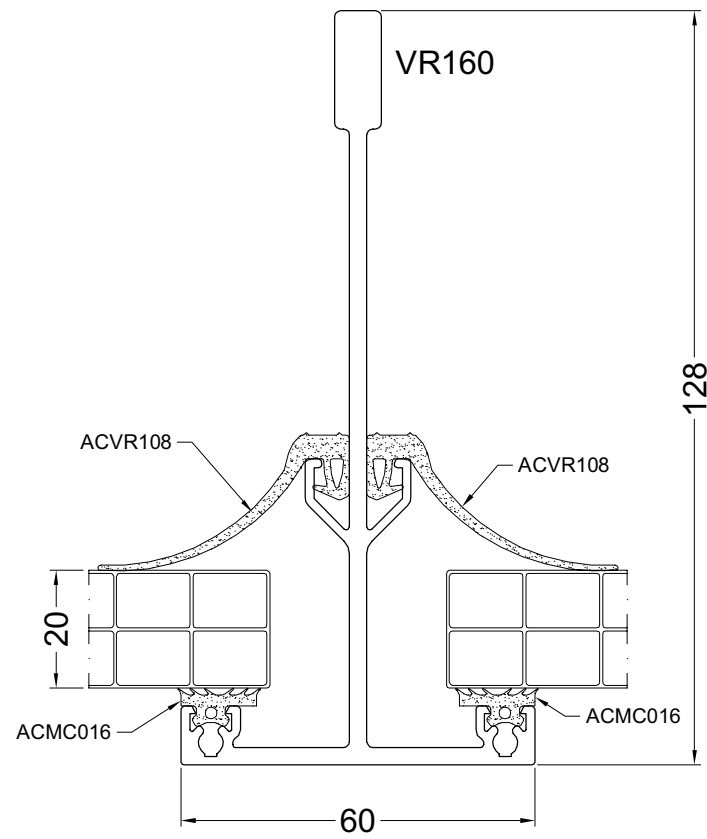
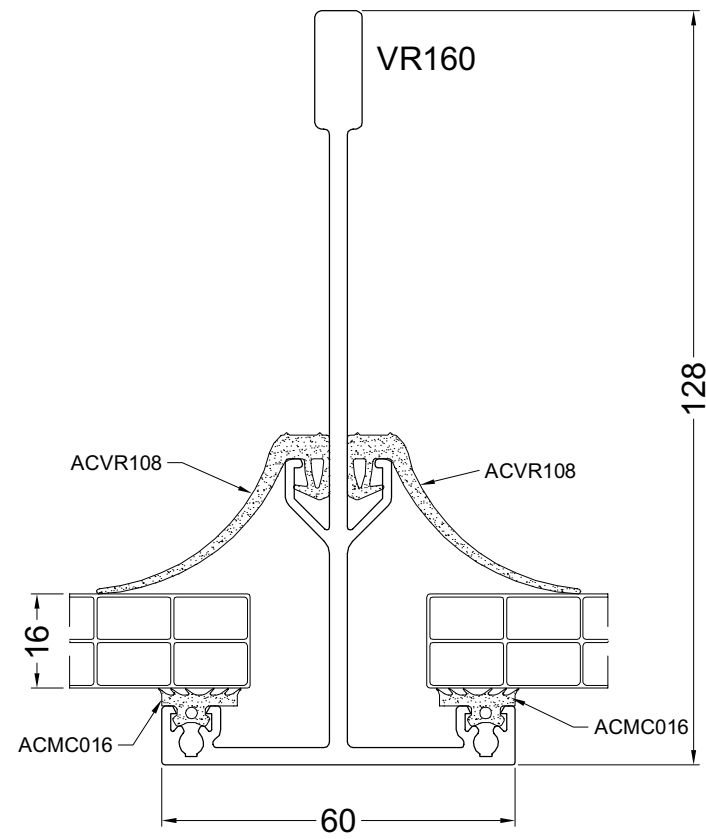
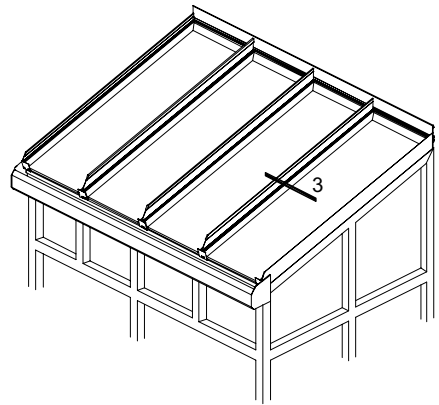


schaal 1/2



door2b

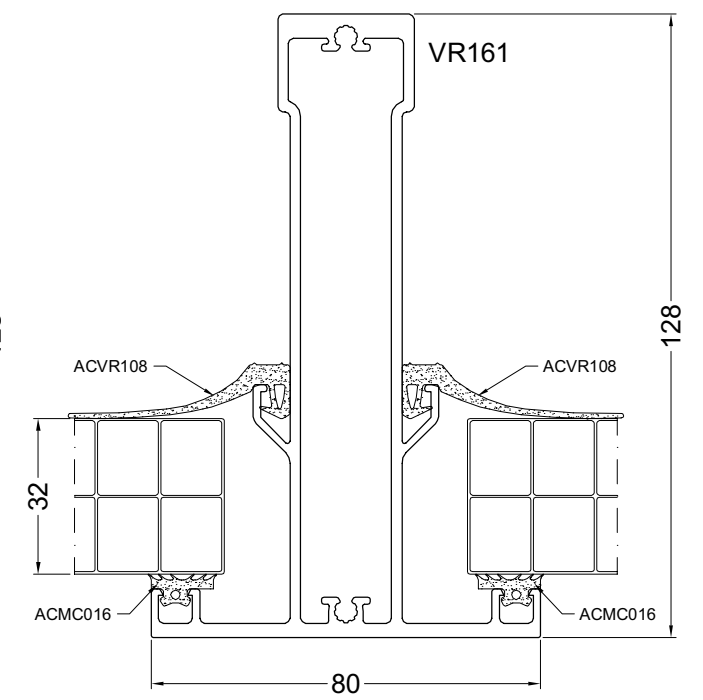
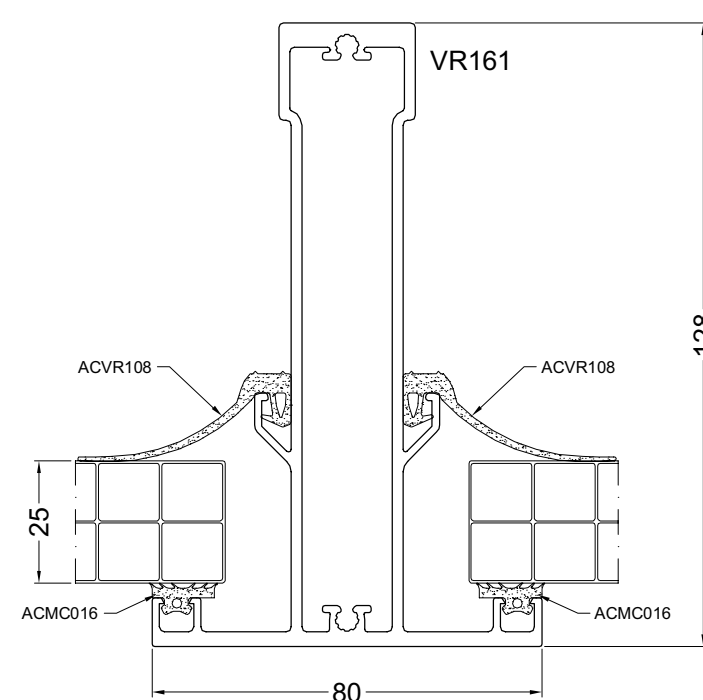
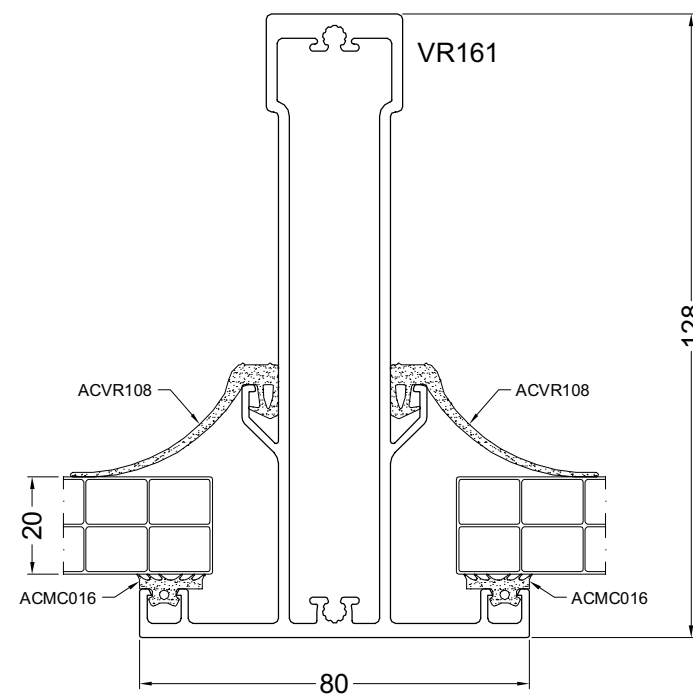
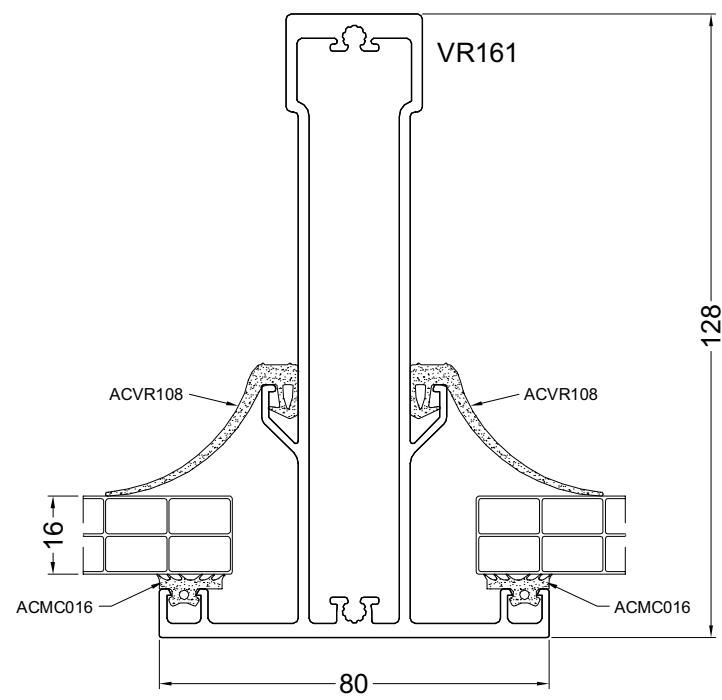
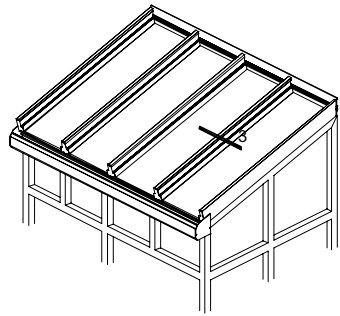




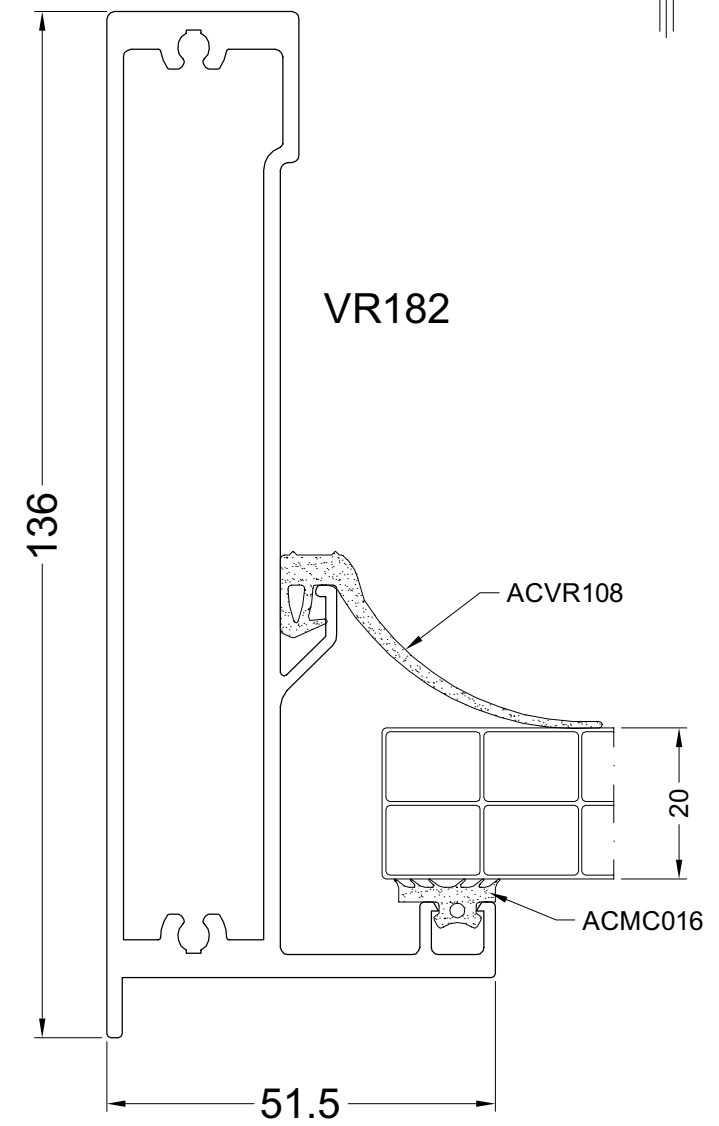
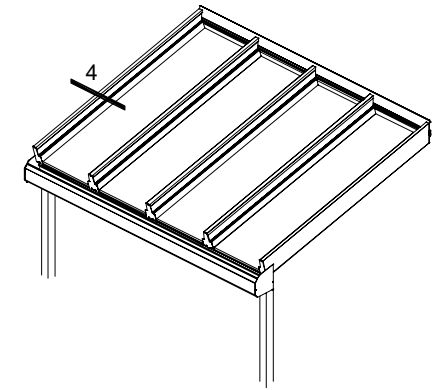
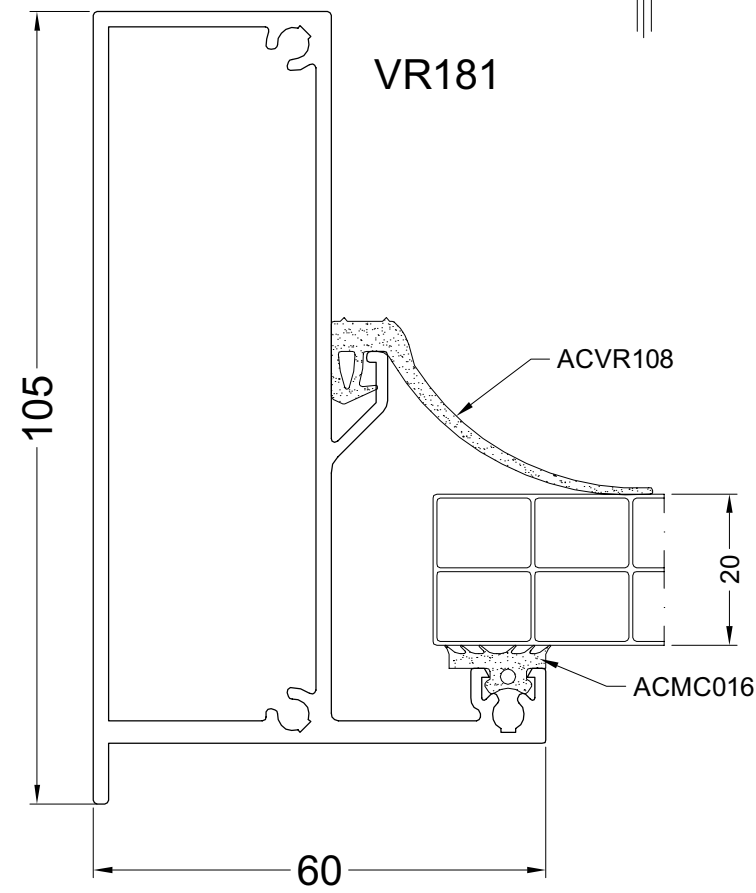
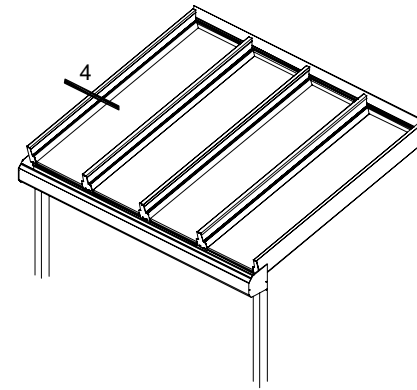
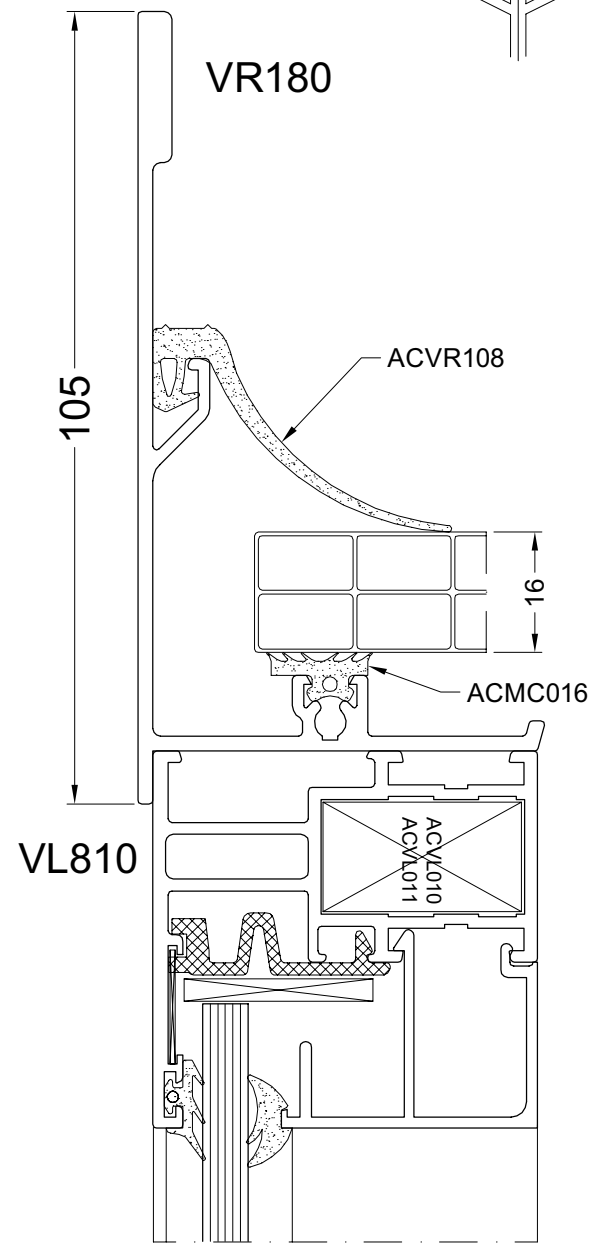
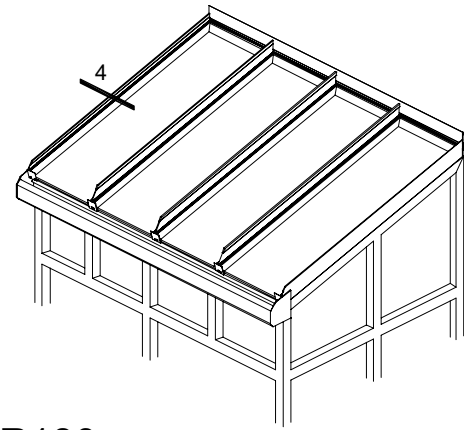


3B

DOORSNEDE - COUPE - SCHNITT - SECTION



door3a



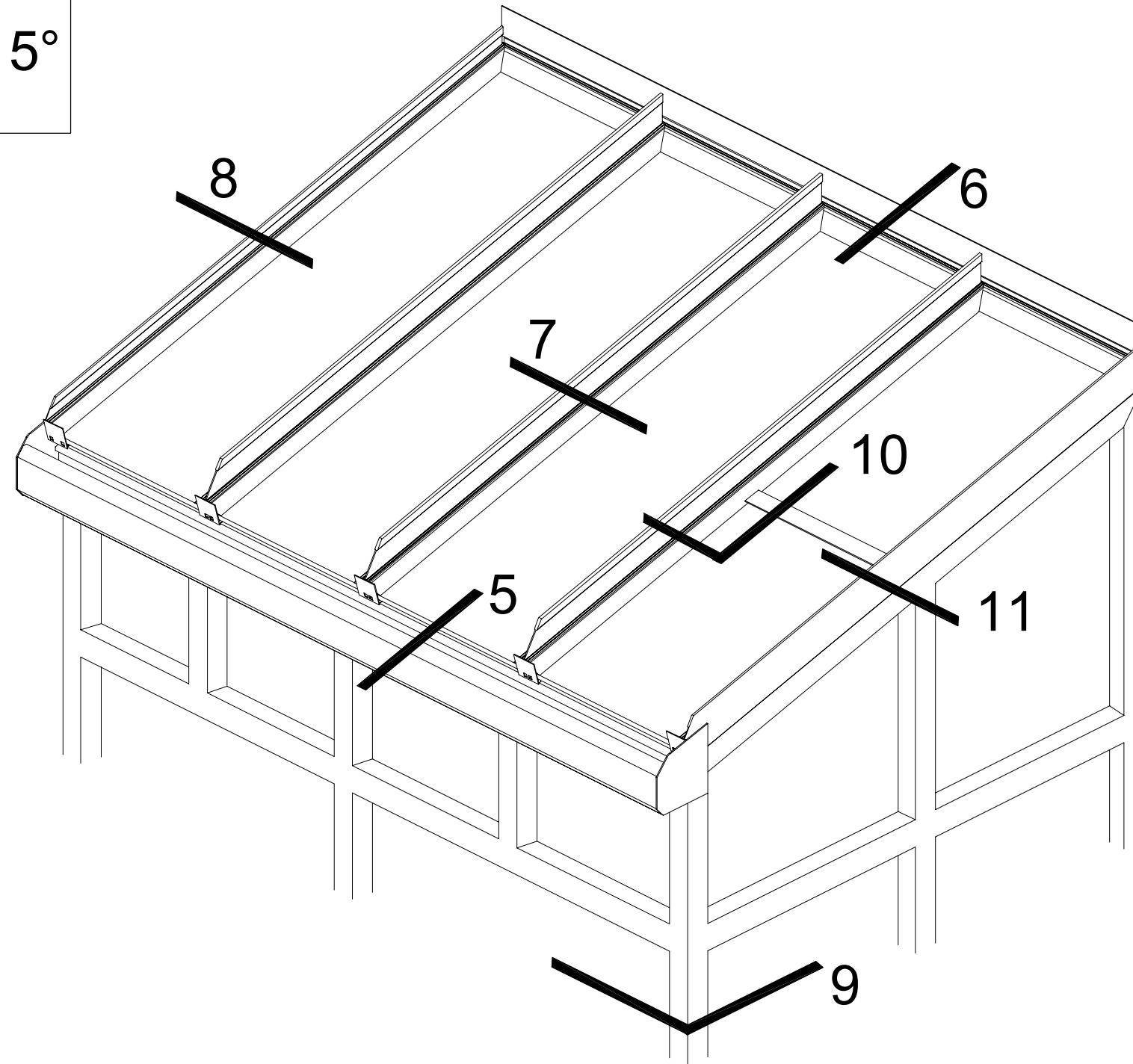
door4

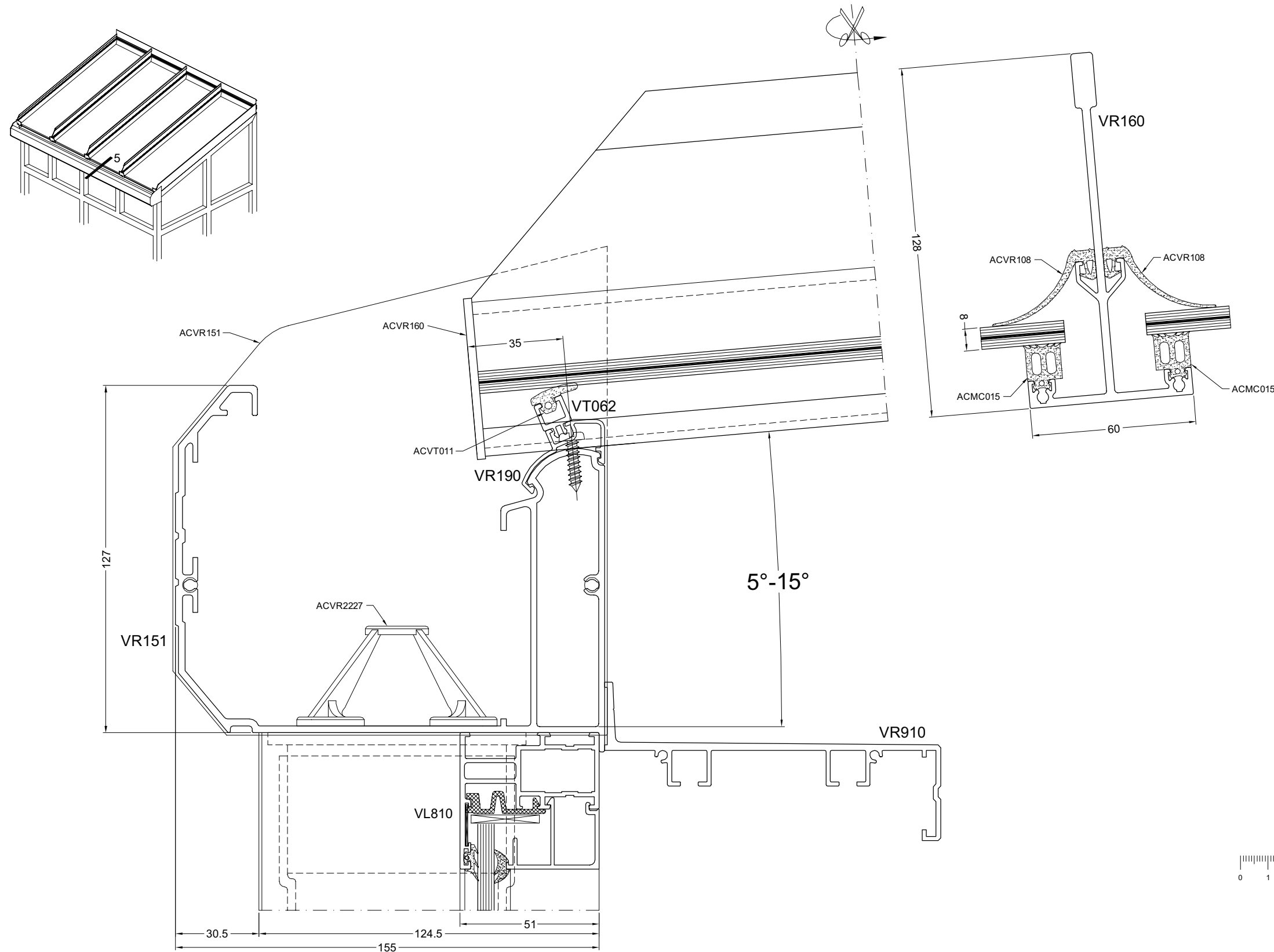
GLAS  
VERRE  
GLAS  
GLASS

DOORSNEDE - COUPE - SCHNITT - SECTION

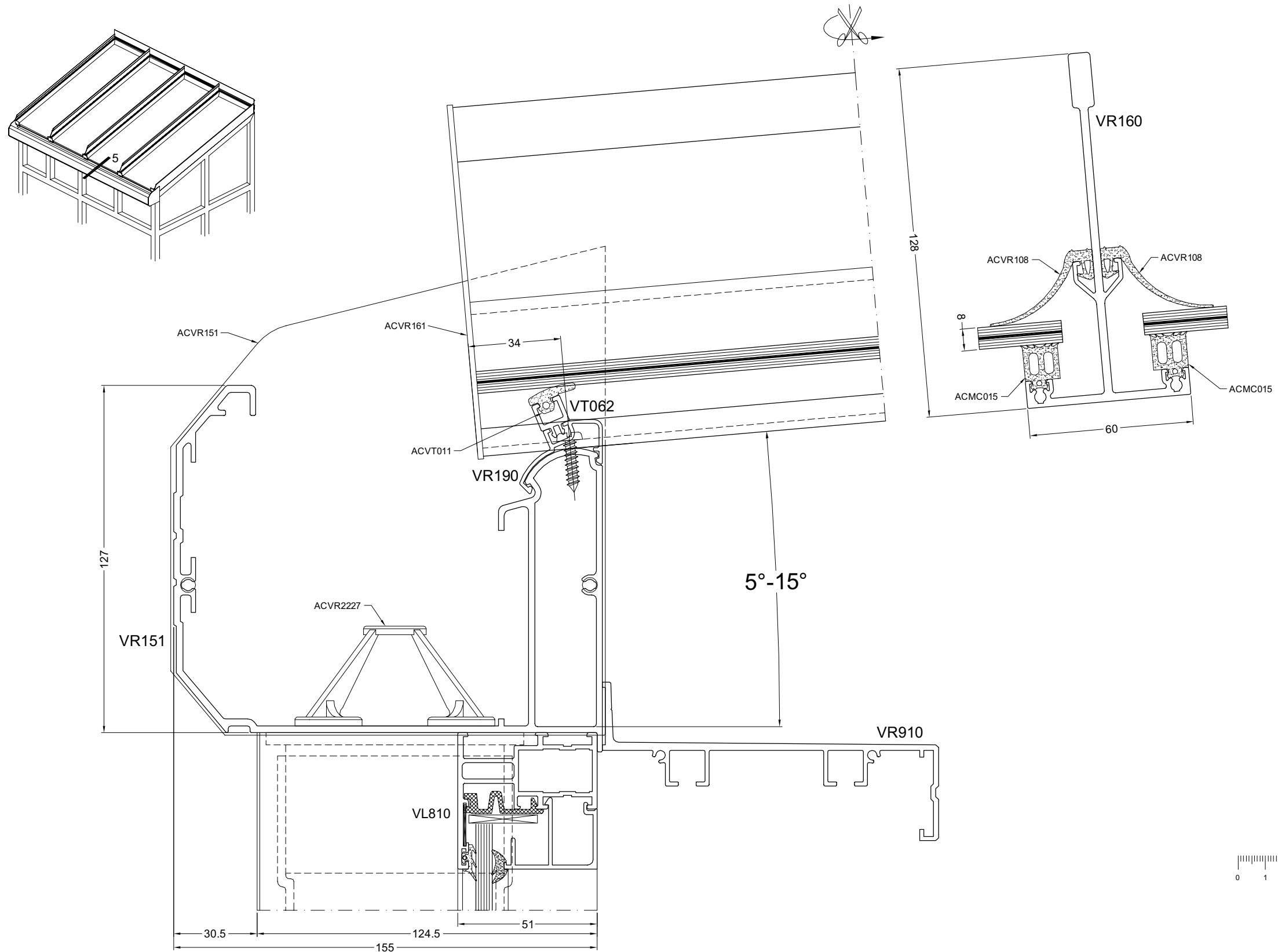


Min. 5° < Max. 15°

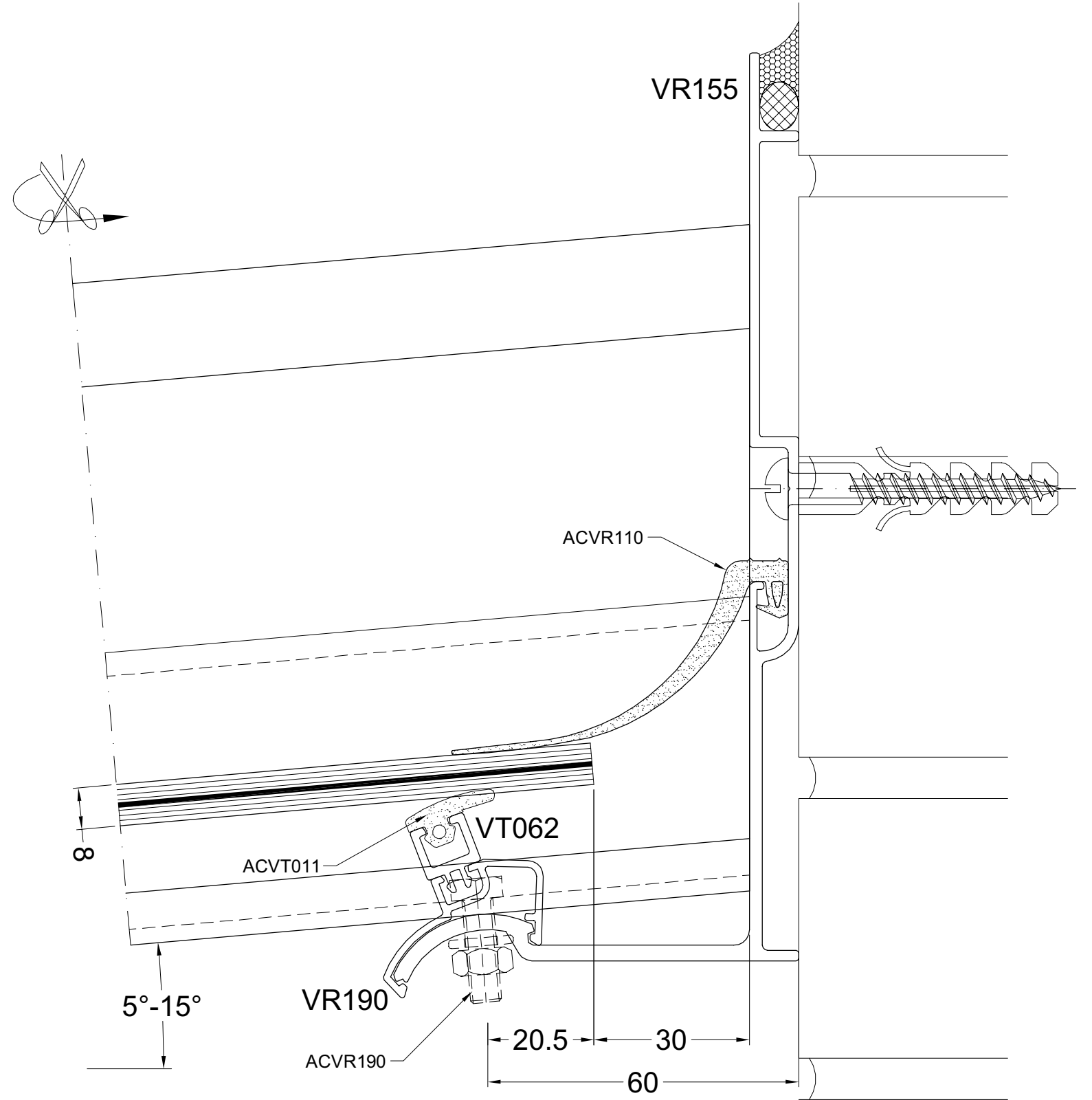
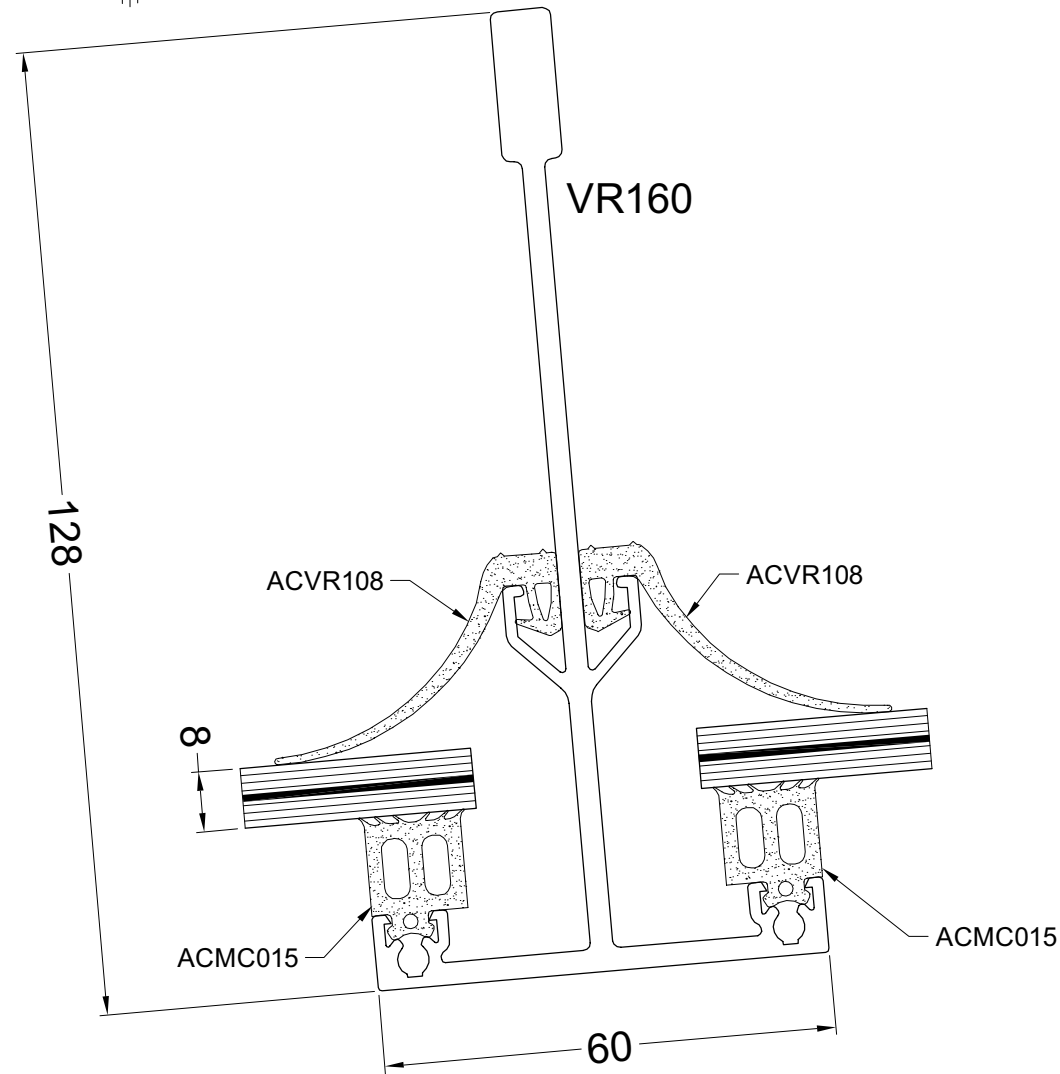
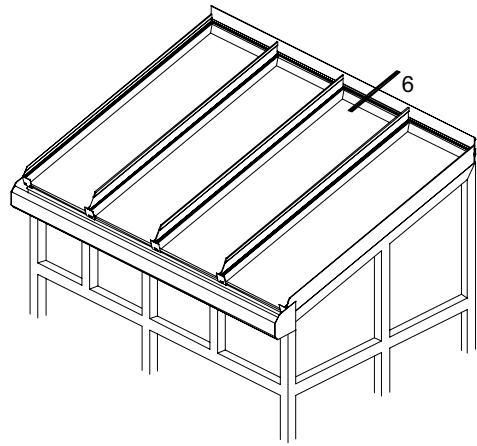




door5



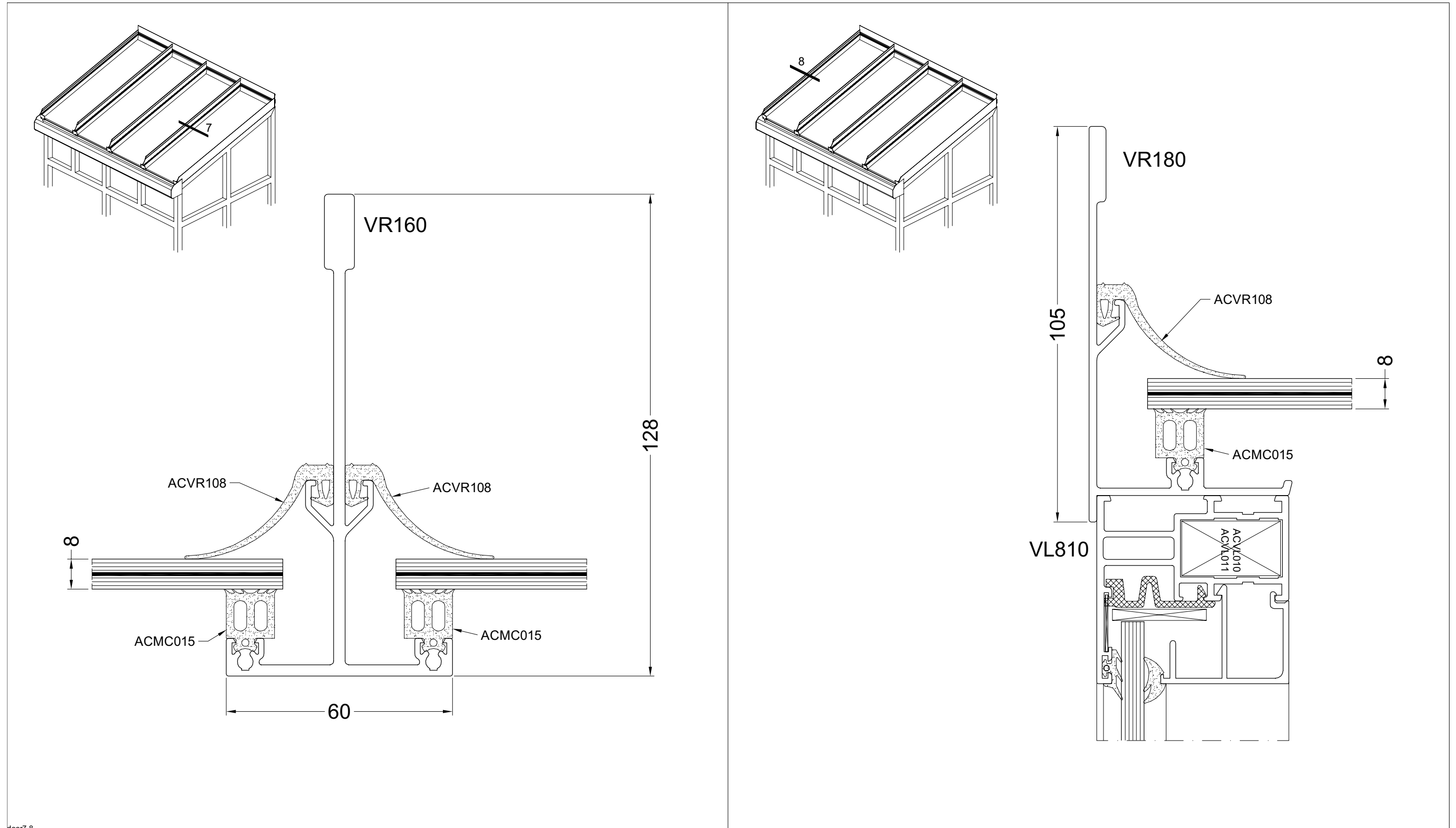
door5b



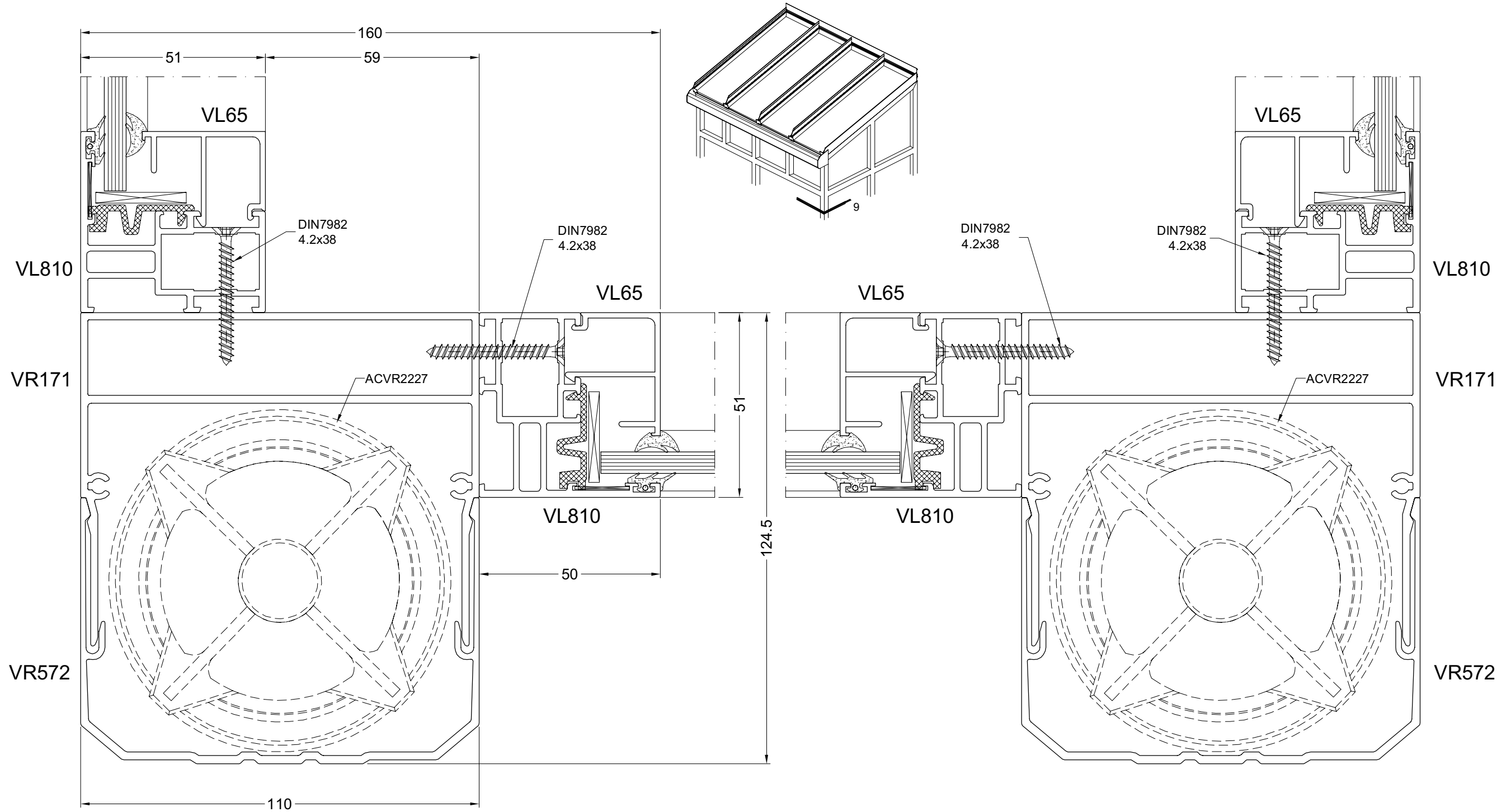
7

8

DOORSNEDE - COUPE - SCHNITT - SECTION

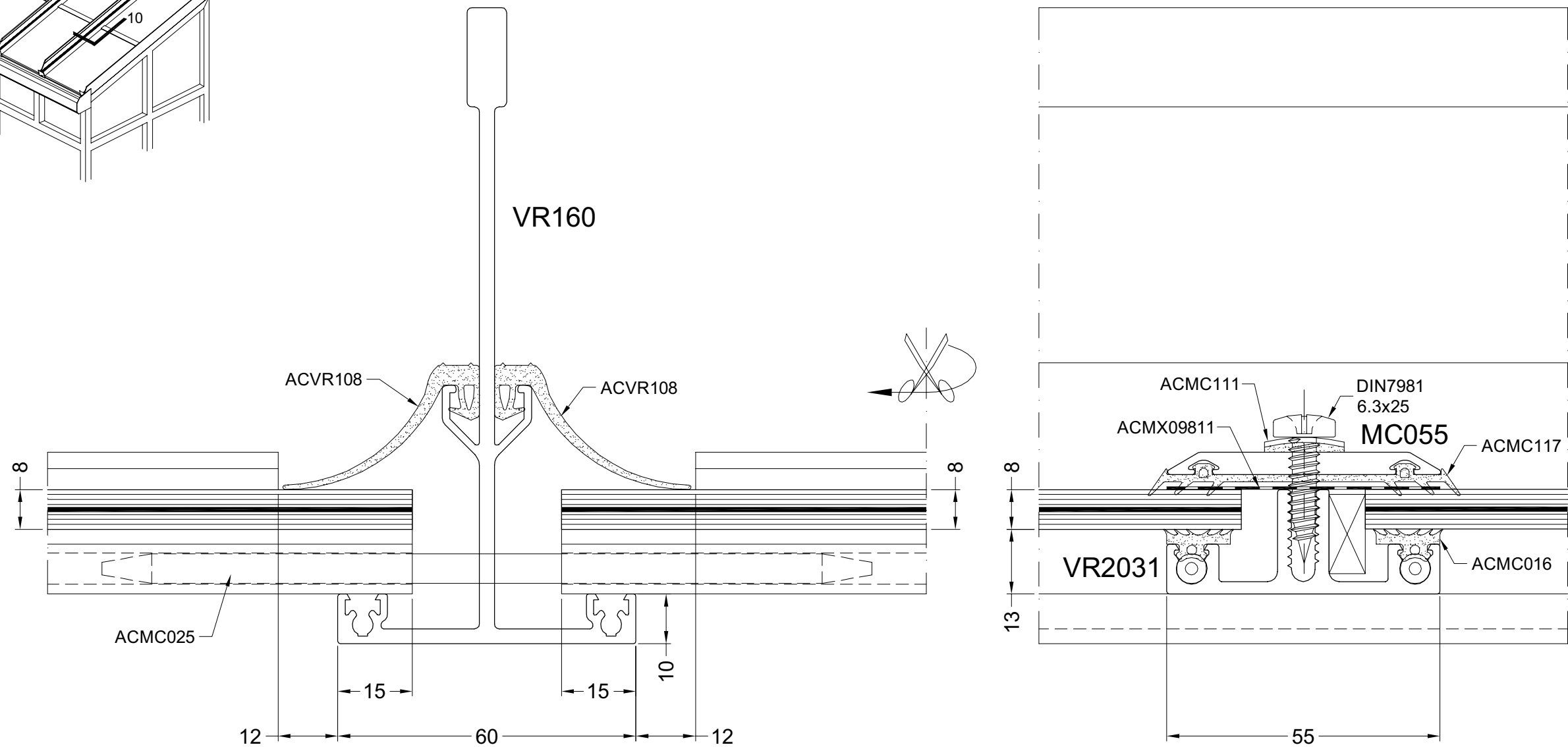
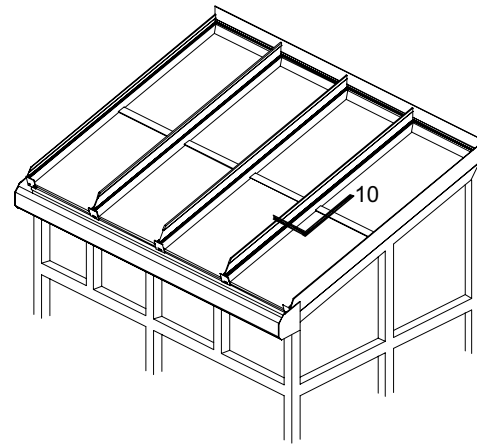


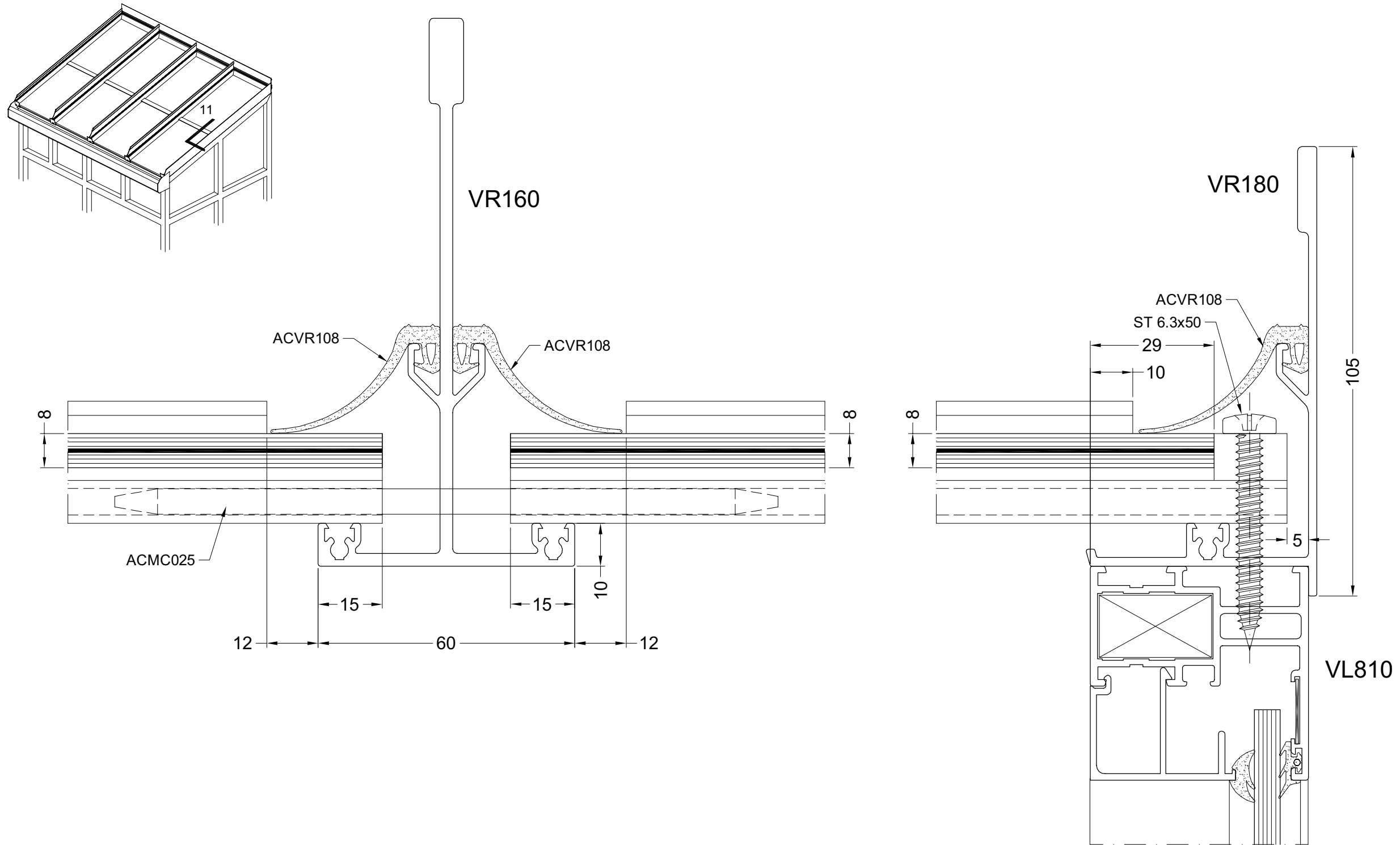
door7-8



door9

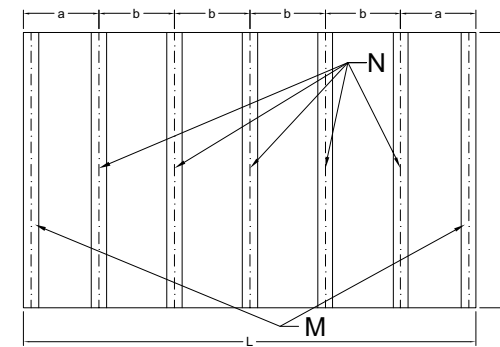
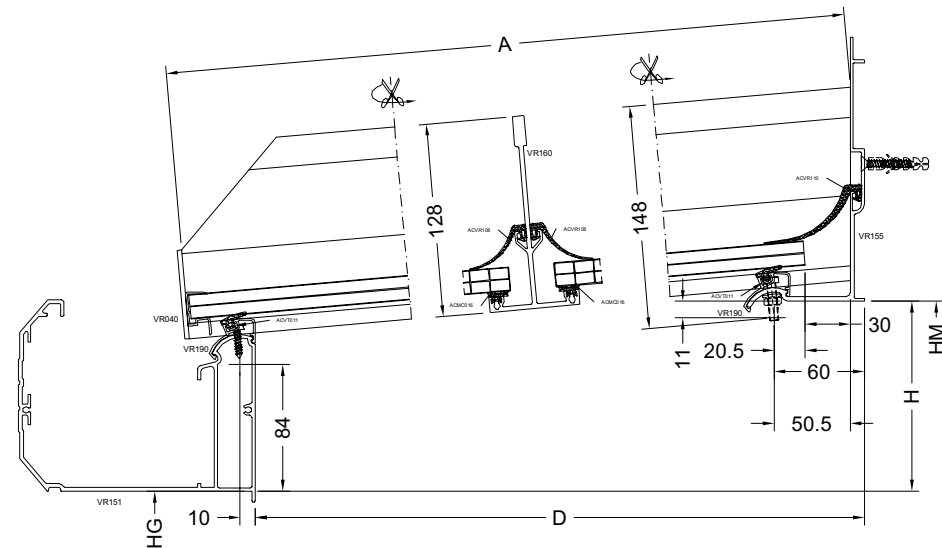






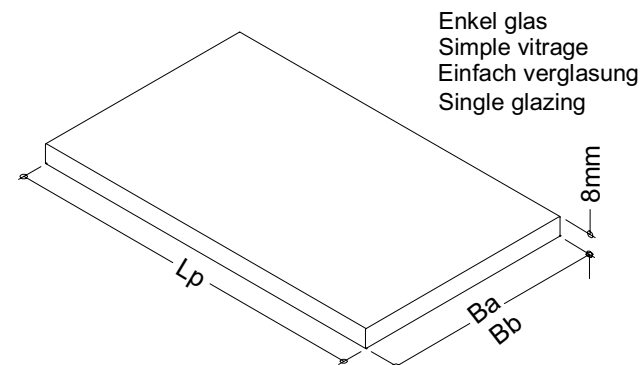
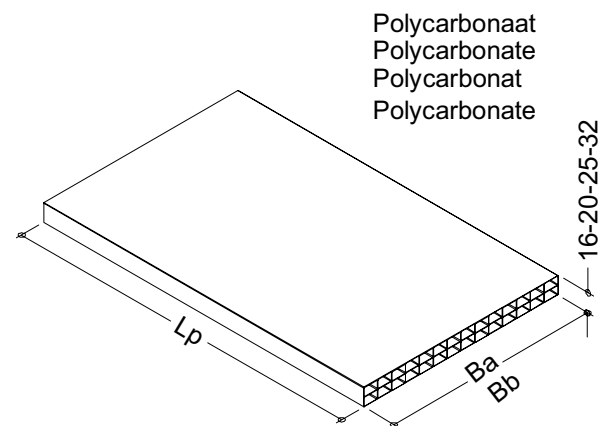
VERANDA VAN 5° TOT 15°  
VERANDA DE 5° JUSQU'À 15°  
WINTERGARTEN VON 5° BIS 15°  
CONSERVATORY FROM 5° UP TO 15°

ZAAGTABELLEN - TABLES DE SCIAGES - ZUSCHNITT-TABELLEN - SAWING TABLES



N = Aantal Dakliggers  
Nombre de montants  
Anzahl Balken  
Number of Beams  
  
M = Aantal Zijliggers  
Montants de cote  
Anzahl Seitenbalken  
Number of Sidebeams

L
D
HM
HG
H=HM-HG
N
M
$A = \sqrt{(D-50)^2 + (H-95)^2} + 120$
$\alpha = \text{ARCTAN} \left[ \frac{H-95}{D-50} \right]$



Polycarbonaat  
Polycarbonate  
Polycarbonat  
Polycarbonate

Enkel glas  
Simple vitrage  
Einfach verglasung  
Single glazing

	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
Lp		A-30
Ba	2	a-30
Bb	N-1	b-30

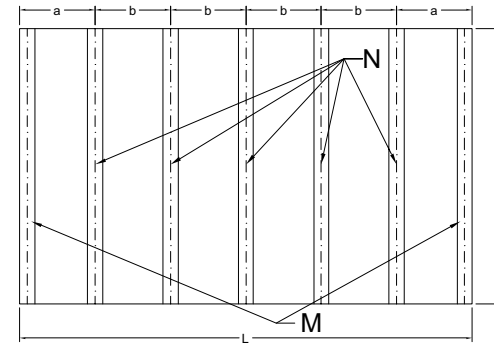
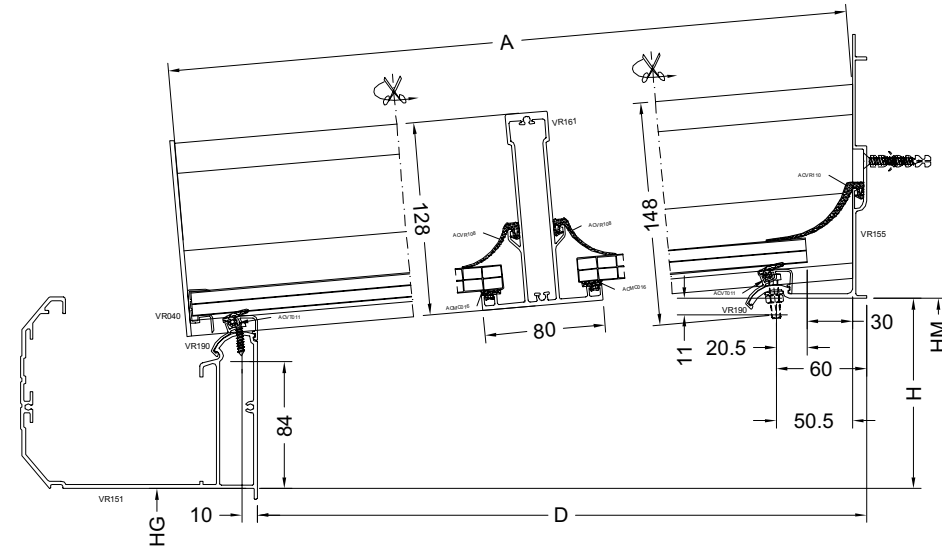
TOEBEHOREN ACCESSOIRES ZUBEHÖRTEILE ACCESSORIES	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
ACVT011	4	a-30
ACVT011	2*(N-1)	b-30
ACMC016 (015)	(2*N)+M	Lp
ACVR108	(2*N)+M	Lp
ACVR109	1	L
ACVR140	1	
ACVR151	2	
ACVR160	N+M	
ACVR180	N+M	
ACVR190	2*(N+1)	

PROFIELN PROFILS PROFILE PROFILES	AFBEELDING IMAGE BILD PICTURE	SNEDE COUPE SCHNITT PROFILES	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
VR151			1	L
VR155			1	L
VR160			N	A
VR180			M	A
VR190 (+VT062)			4	a-60.5
VR190 (+VT062)			2*(N-1)	b-60

Polycarbonaat Polycarbonate Polycarbonat Polycarbonate	16mm	20mm	25mm	32mm				
	VR040	VR043	VR044	VR041		2	a-30.5	
	VR040	VR043	VR044	VR041		N-1	b-30	

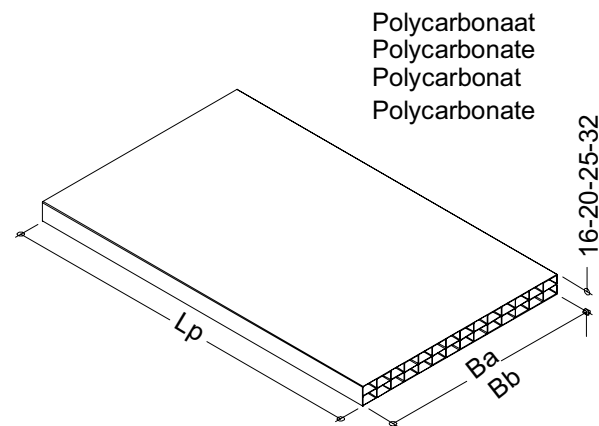
VERANDA VAN 5° TOT 15°  
VERANDA DE 5° JUSQU'À 15°  
WINTERGARTEN VON 5° BIS 15°  
CONSERVATORY FROM 5° UP TO 15°

ZAAGTABELLEN - TABLES DE SCIAGES - ZUSCHNITT-TABELLEN - SAWING TABLES

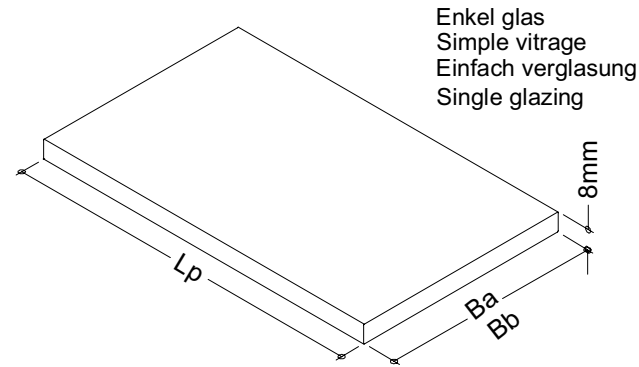


N = Aantal Dakliggers  
Nombre de montants  
Anzahl Balken  
Number of Beams  
M = Aantal Zijliggers  
Montants de cote  
Anzahl Seitenbalken  
Number of Sidebeams

L
D
HM
HG
H=HM-HG
N
M
$A = \sqrt{(D-50)^2 + (H-95)^2} + 120$
$\alpha = \text{ARCTAN} \left[ \frac{H-95}{D-50} \right]$



Polycarbonaat  
Polycarbonate  
Polycarbonat  
Polycarbonate



Enkel glas  
Simple vitrage  
Einfach verglasung  
Single glazing

	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
Lp		A-30
Ba	2	a-70
Bb	N-1	b-50

TOEBEHOREN ACCESSOIRES ZUBEHÖRTEIL ACCESSORIES	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
ACVT011	4	a-35
ACVT011	2*(N-1)	b-35
ACMC016 (015)	(2*N)+M	Lp
ACVR108	(2*N)+M	Lp
ACVR109	1	L
ACVR140	1	
ACVR151	2	
ACVR161	N+M	
ACVR181	N+M	
ACVR190	2*(N+1)	

PROFIELEN PROFILS PROFILE PROFILES	AFBEELDING IMAGE BILD PICTURE	SNEDE COUPE SCHNITT PROFILES	AANTAL QUANTITE ANZAHL NUMBER	FORMULE FORMULE FORMEL FORMULA
VR151			1	L
VR155			1	L
VR161			N	A
VR181			M	A
VR190 (+VT062)			4	a-70.5
VR190 (+VT062)			2*(N-1)	b-80

Polycarbonaat Polycarbonate Polycarbonat Polycarbonate	16mm	20mm	25mm	32mm				
	VR040	VR043	VR044	VR041		2	a-70	
	VR040	VR043	VR044	VR041		N-1	b-50	

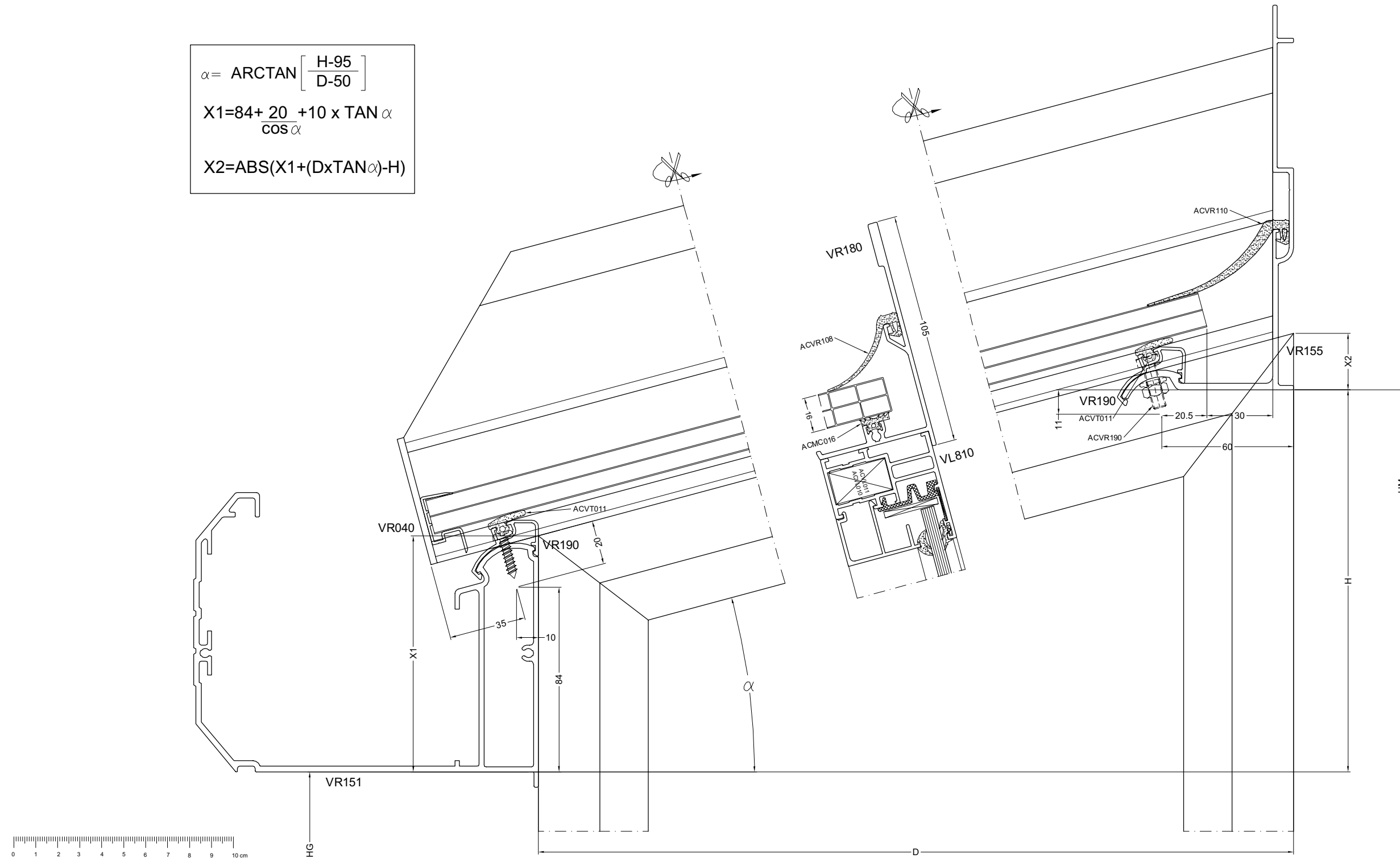
MAATBEPALING HOOGTE TRAPEZIUM VAN 5° TOT 15°  
DIMENSIONS HAUTEUR TRAPEZE DE 5° JUSQU'A 15°  
MASSBESTIMMUNG HOHE TRAPEZ VON 5° BIS 15°  
MEASURE TRAPEZIUM HEIGHT FROM 5° UP TO 15°

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

$$\alpha = \text{ARCTAN} \left[ \frac{H-95}{D-50} \right]$$

$$X1 = 84 + \frac{20}{\cos \alpha} + 10 \times \text{TAN} \alpha$$

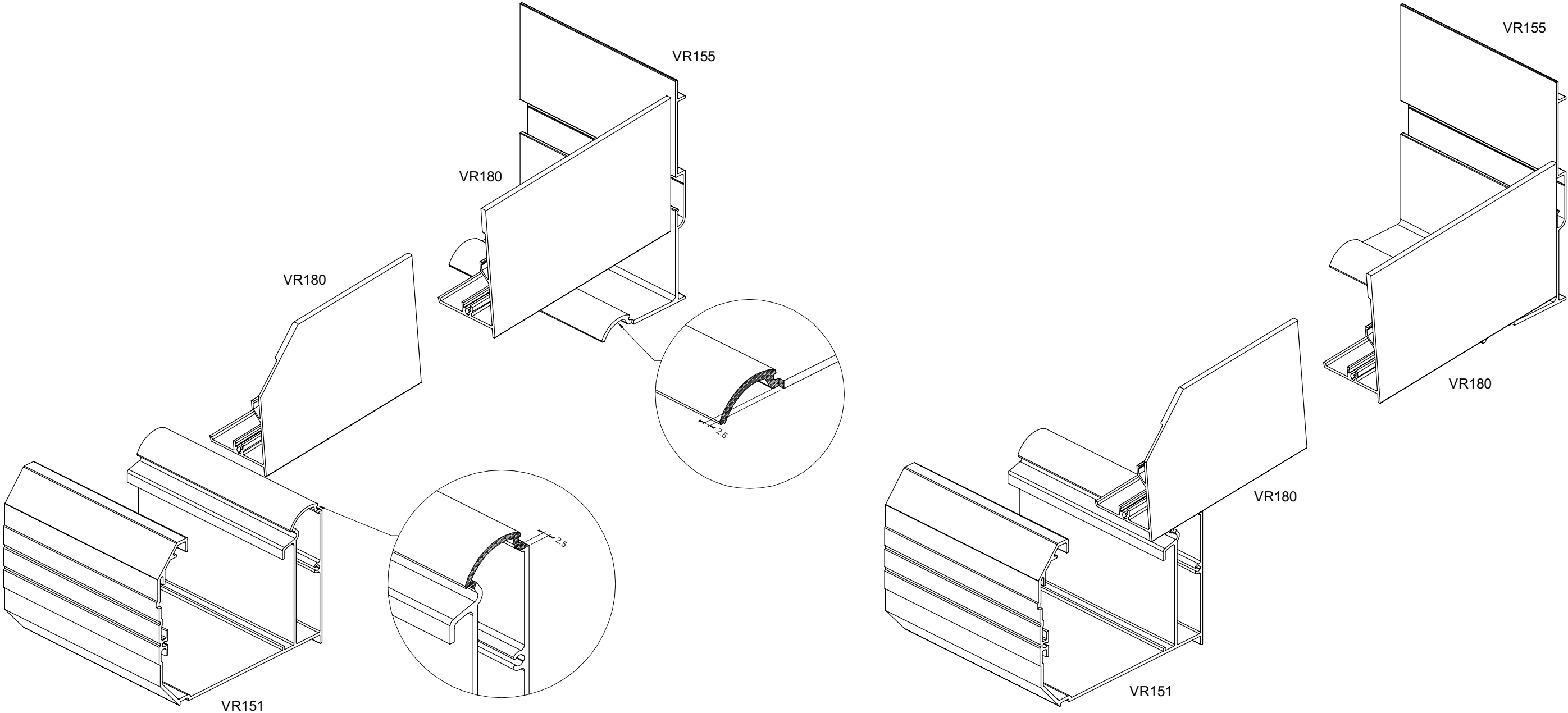
$$X2 = \text{ABS}(X1 + (D \times \text{TAN} \alpha) - H)$$



trapez

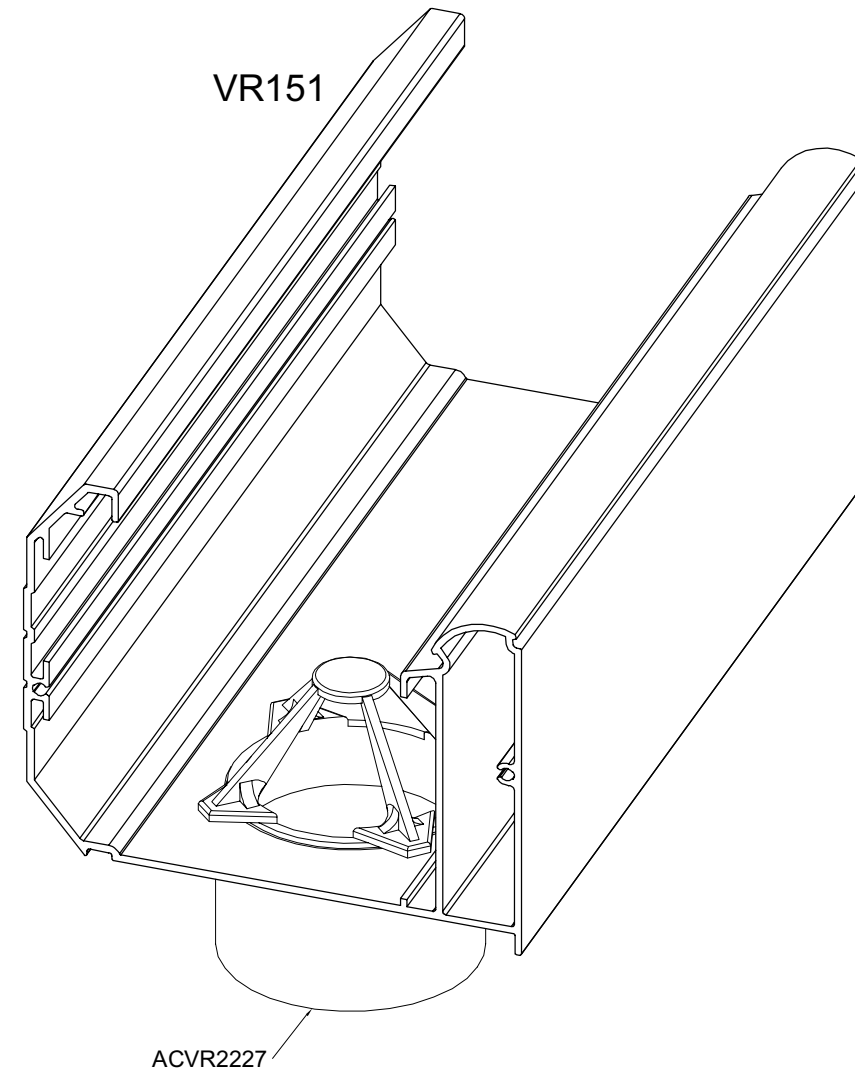
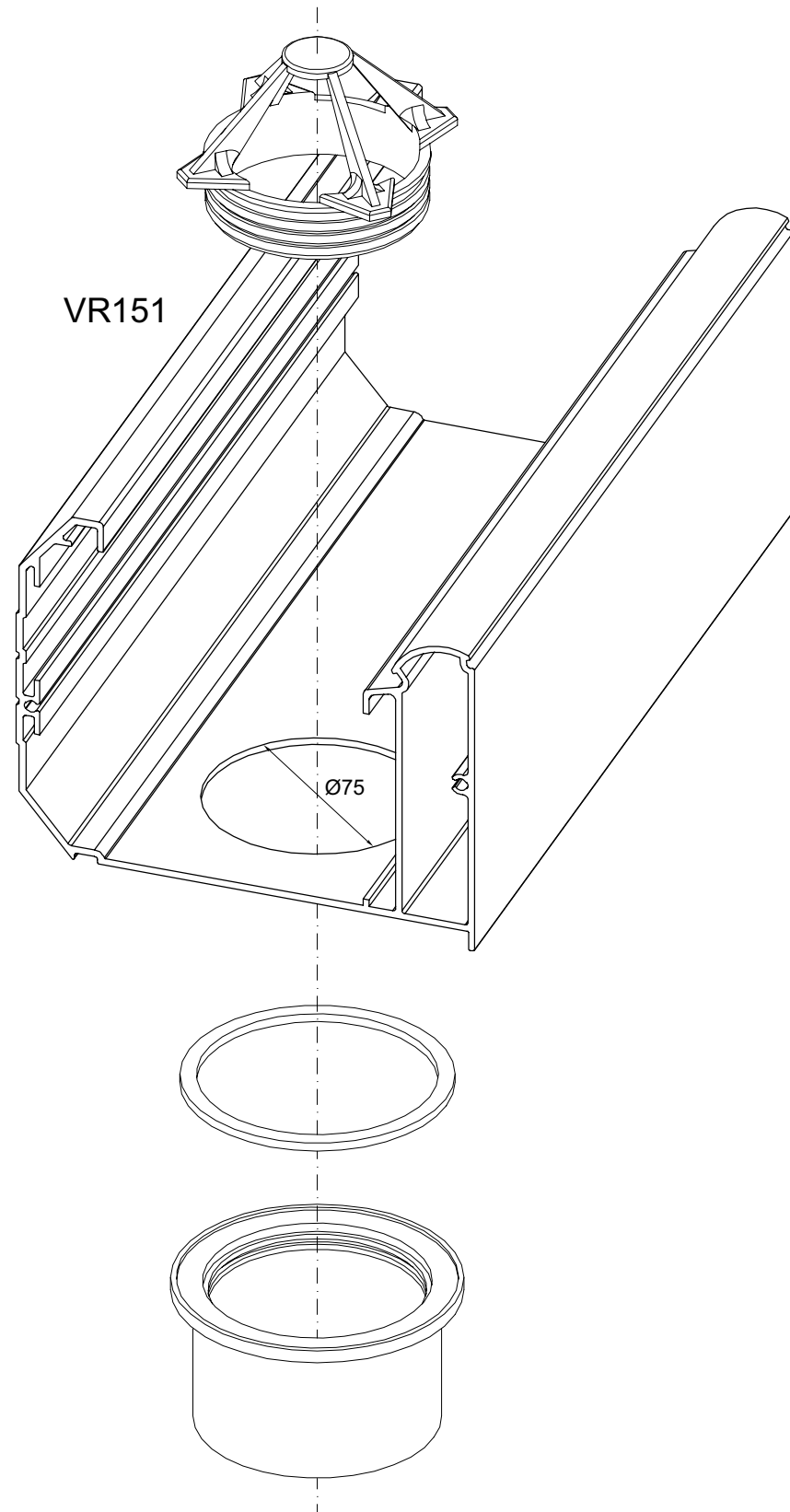
BEWERKING VR151 / VR155  
USINAGE VR151 / VR155  
BEARBEITUNG VR151 / VR155  
MACHINING VR151 / VR155

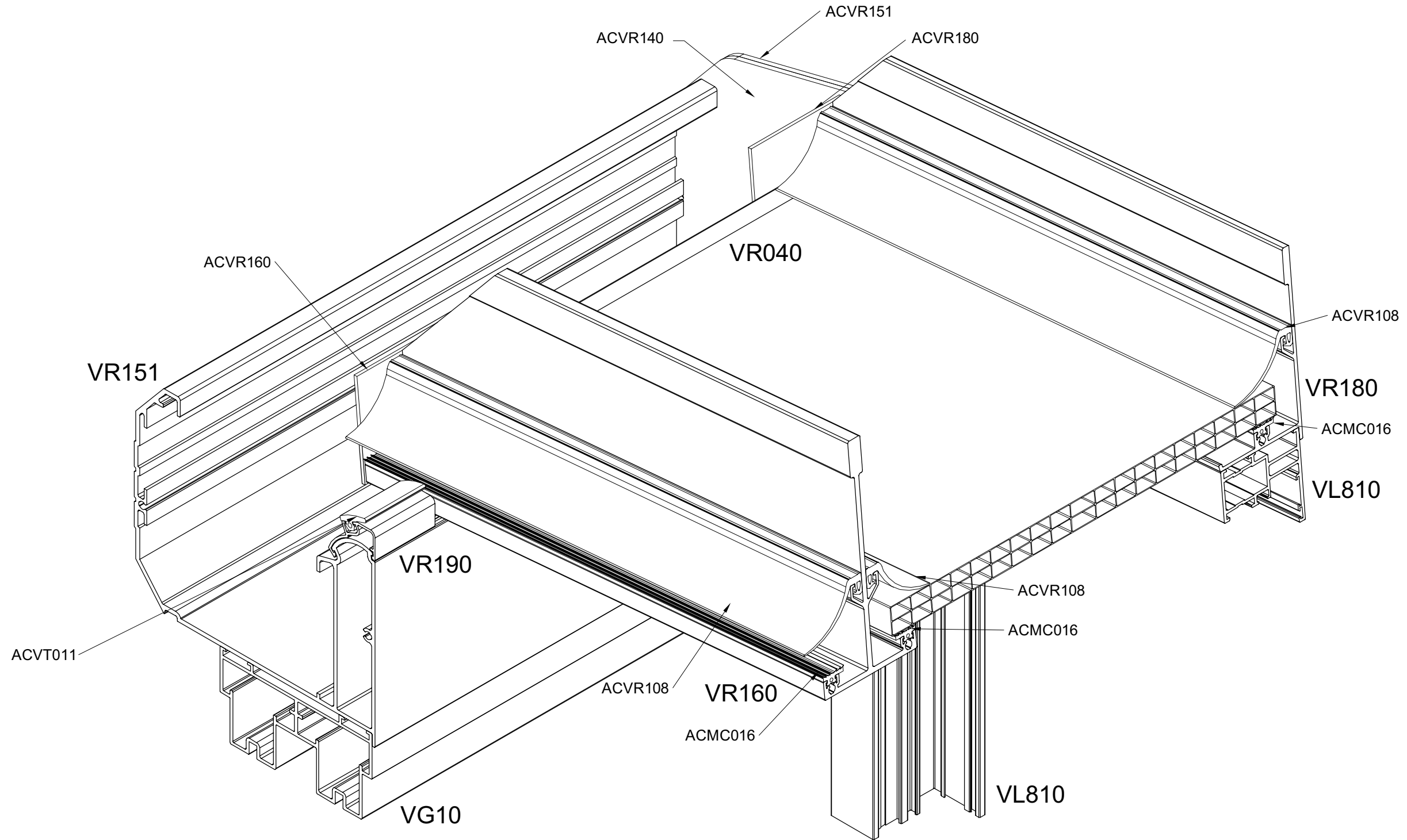
WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS



WATERAFVOER PVC  
CREPINE PVC  
REGENABFUR PVC  
LEAF TRAP PVC

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

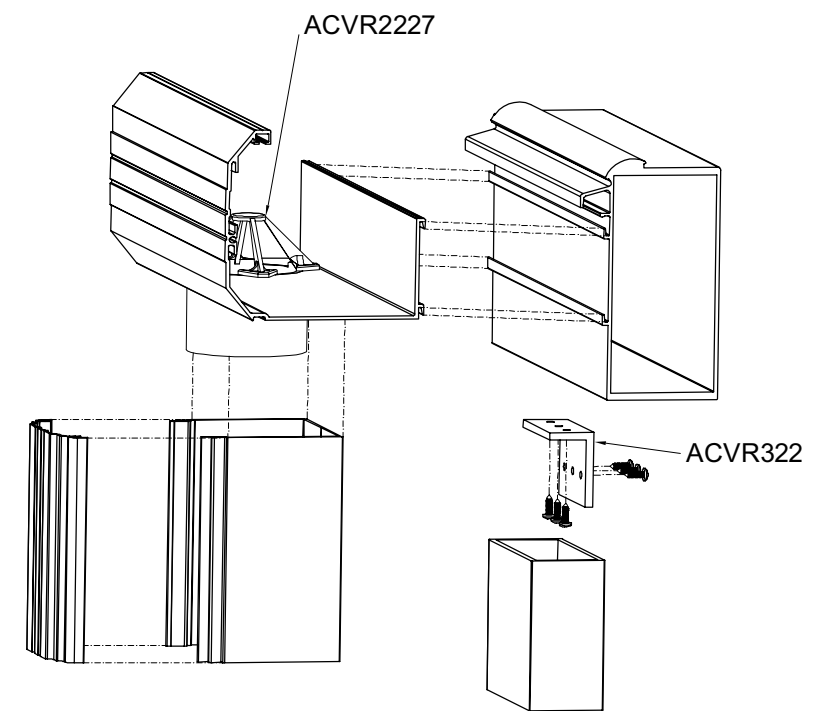
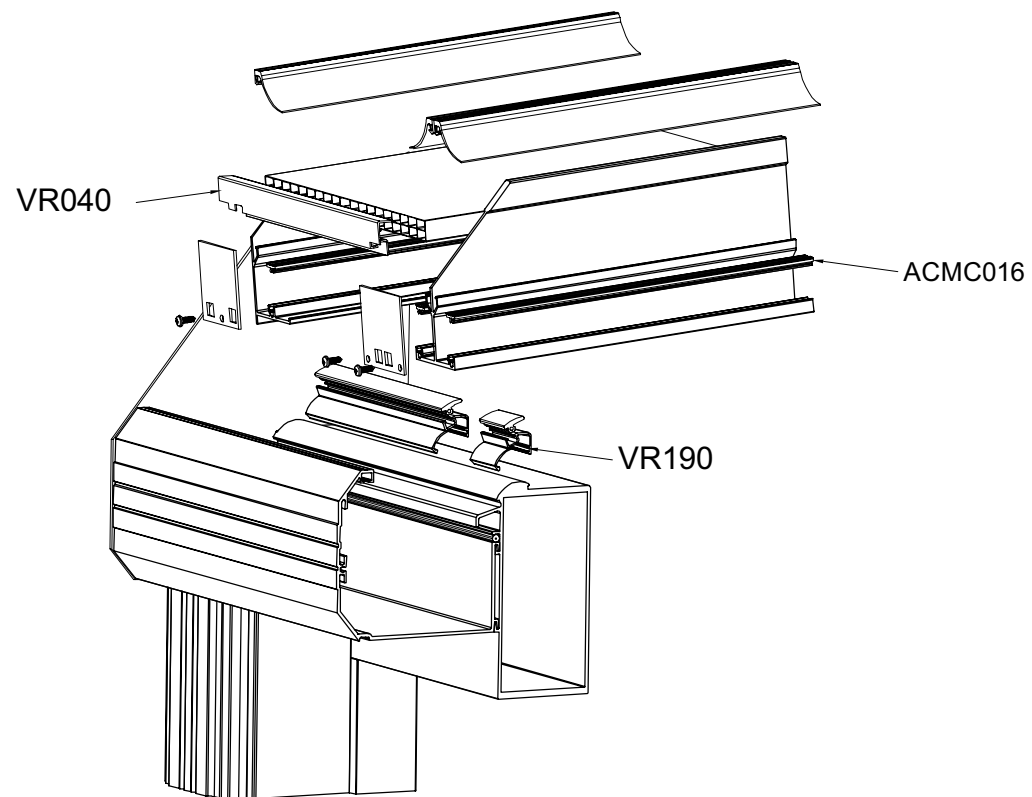
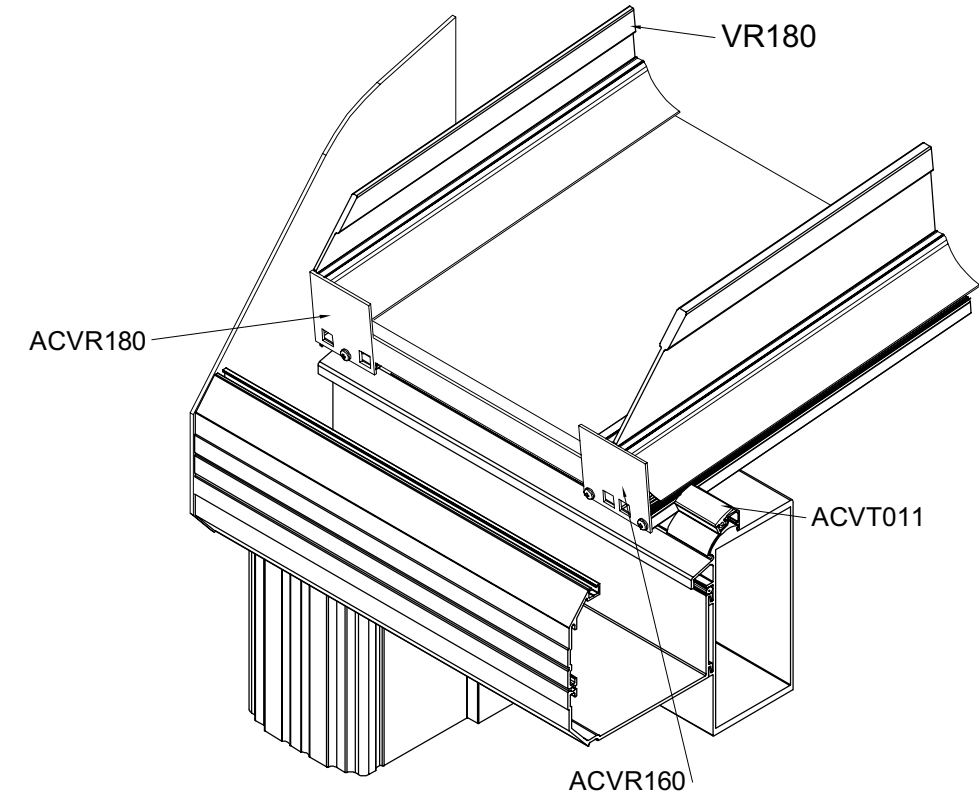
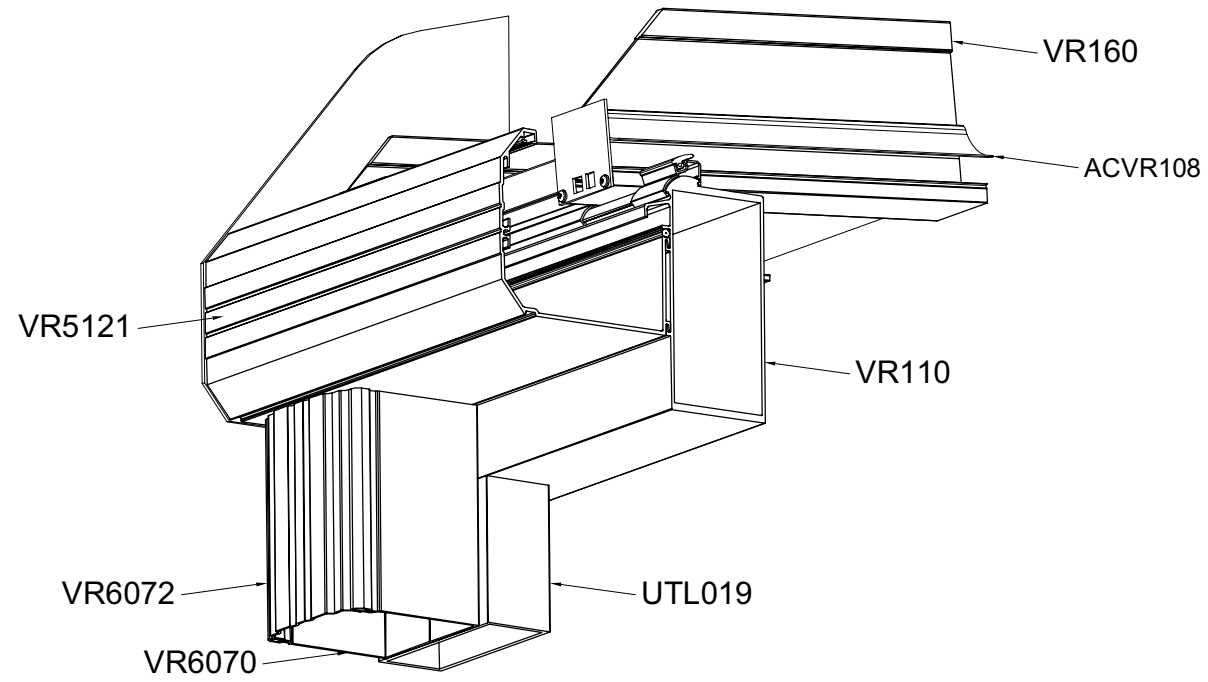






MONTAGE VR110  
MONTAGE VR110  
MONTAGE VR110  
MONTAGE VR110

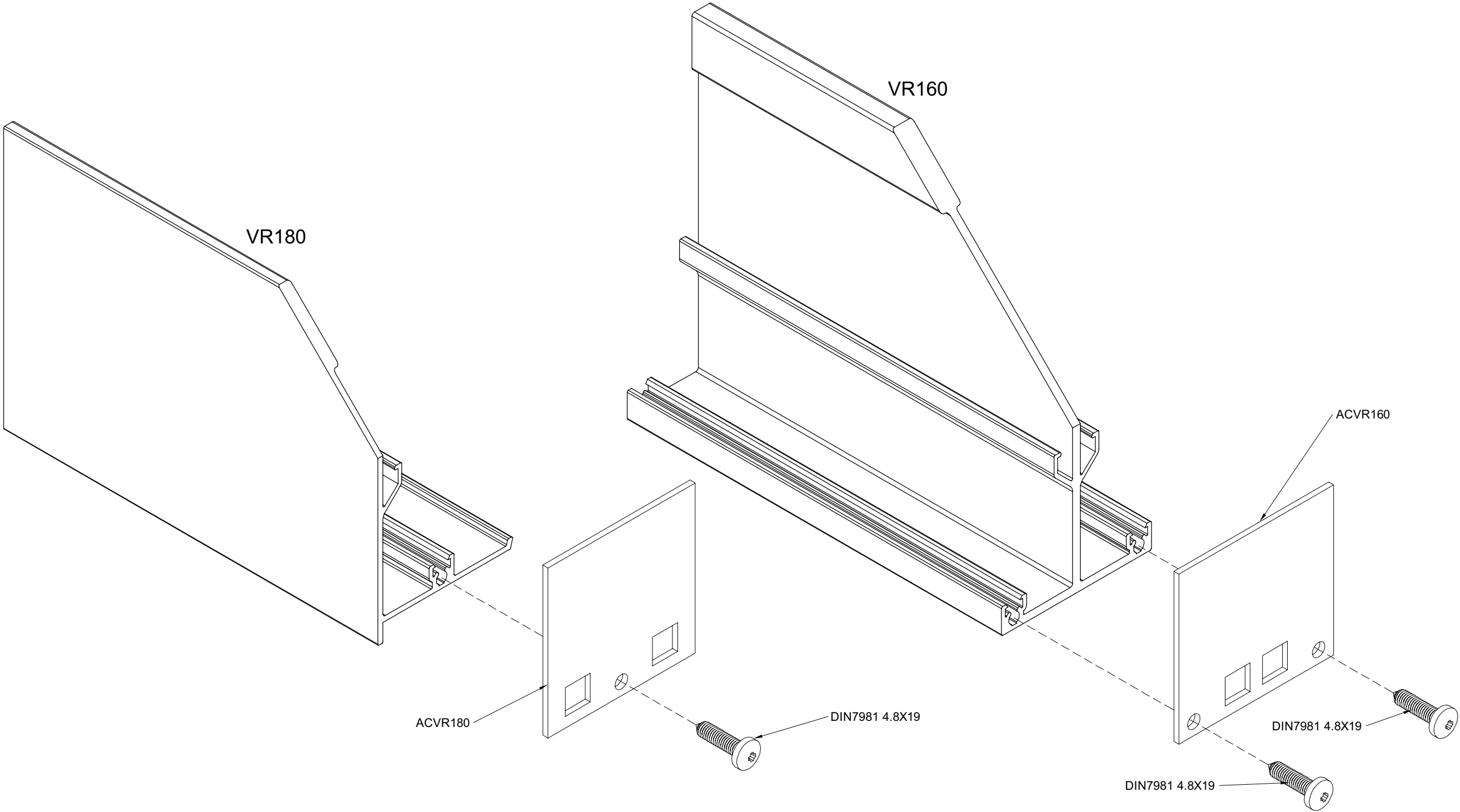
WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS



Verstevigbaregootvr110

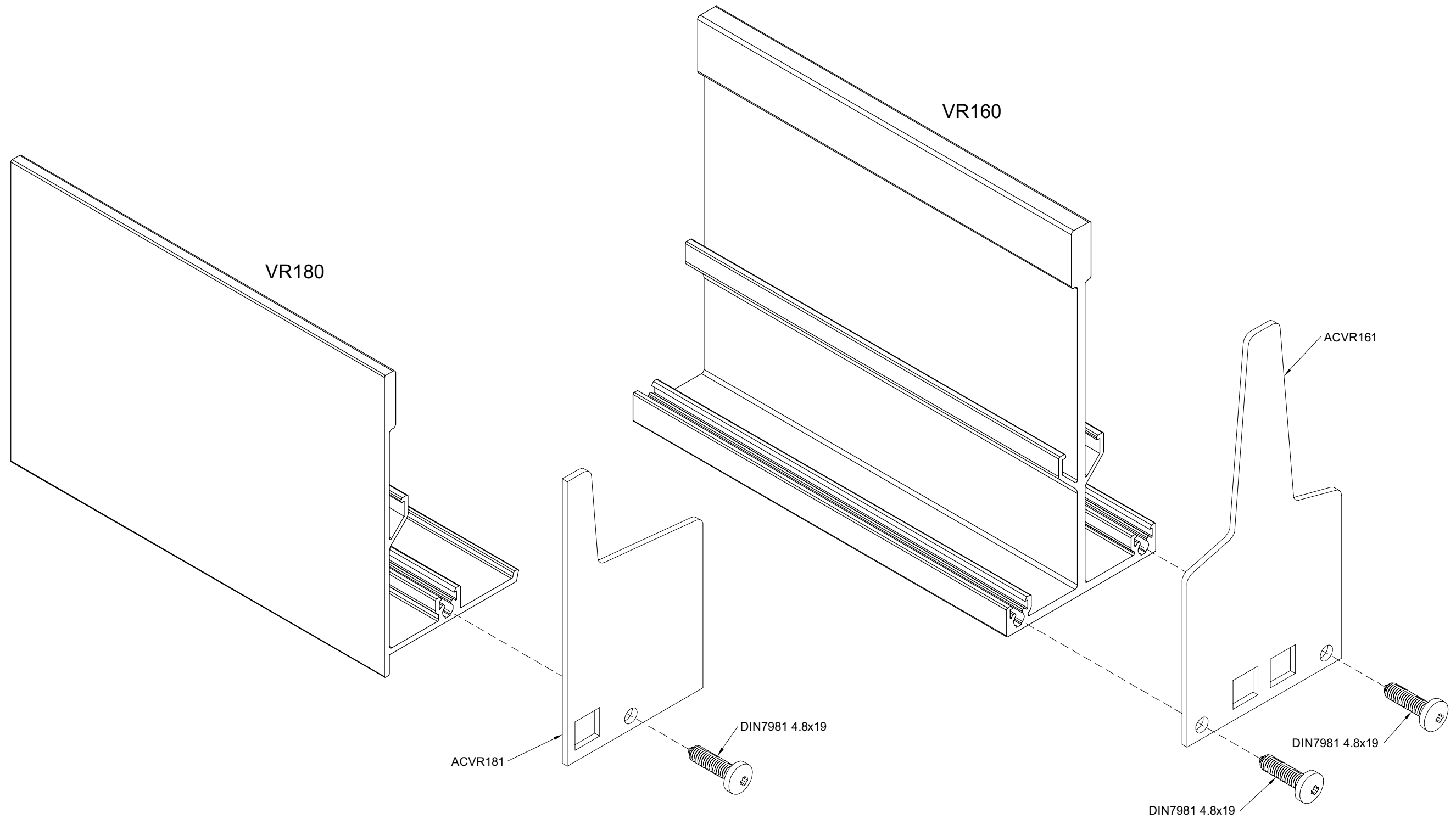
MONTAGE EINSTUK ACVR160 EN ACVR180 OP VR160 EN VR180  
MONTAGE PIECE FINALE ACVR160 ET ACVR180 SUR VR160 ET VR180  
MONTAGE ENDSTUCK ACVR160 UND ACVR180 AUF VR160 UND VR180  
MONTAGE ENDPIECE ACVR160 AND ACVR180 ON VR160 AND VR180

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS



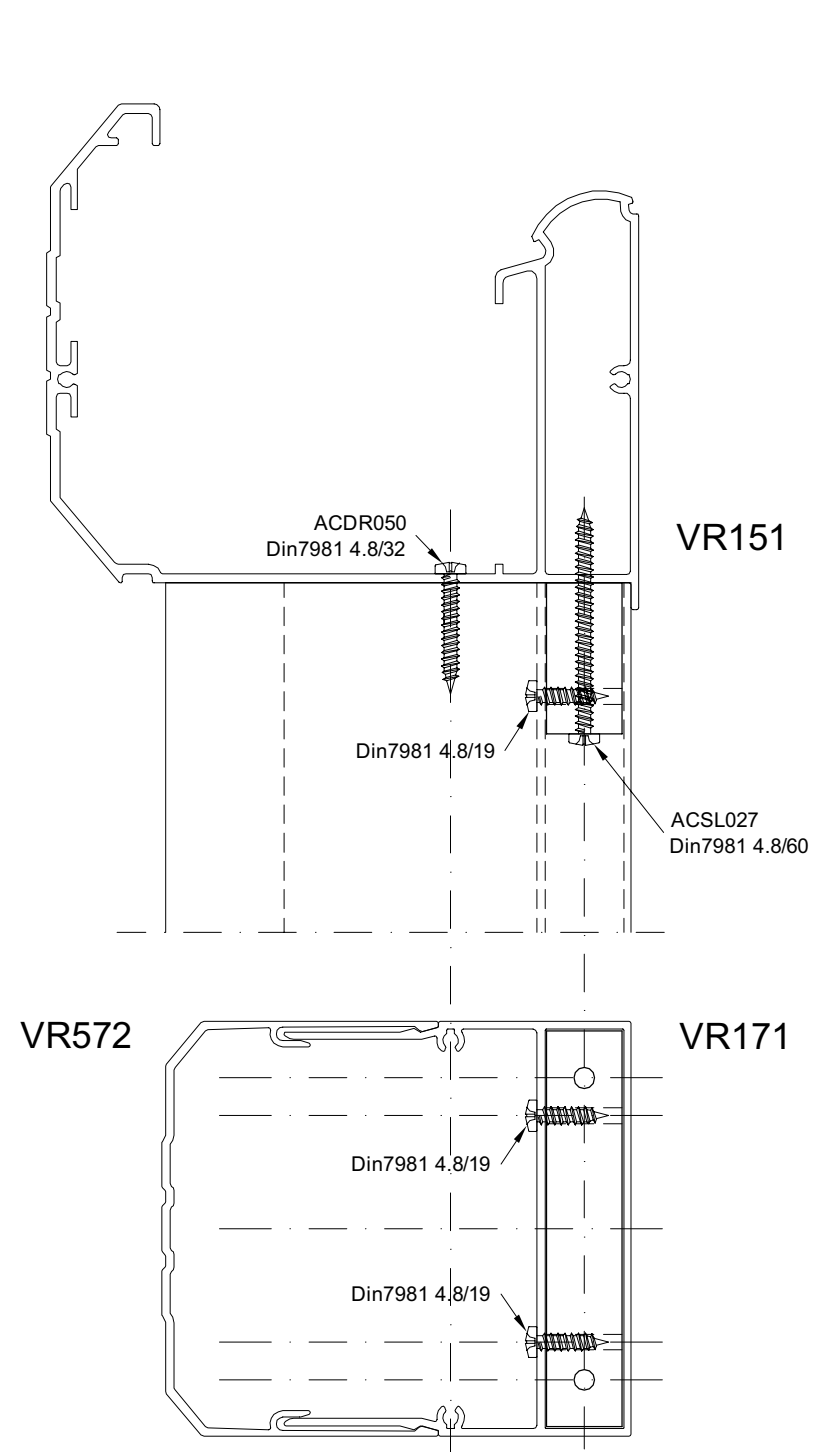
MONTAGE EINSTUK ACVR161 EN ACVR181 OP VR160 EN VR180  
MONTAGE PIECE FINALE ACVR161 ET ACVR181 SUR VR160 ET VR180  
MONTAGE ENDSTÜCK ACVR161 UND ACVR181 AUF VR160 UND VR180  
MONTAGE ENDPIECE ACVR161 AND ACVR181 ON VR160 AND VR180

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

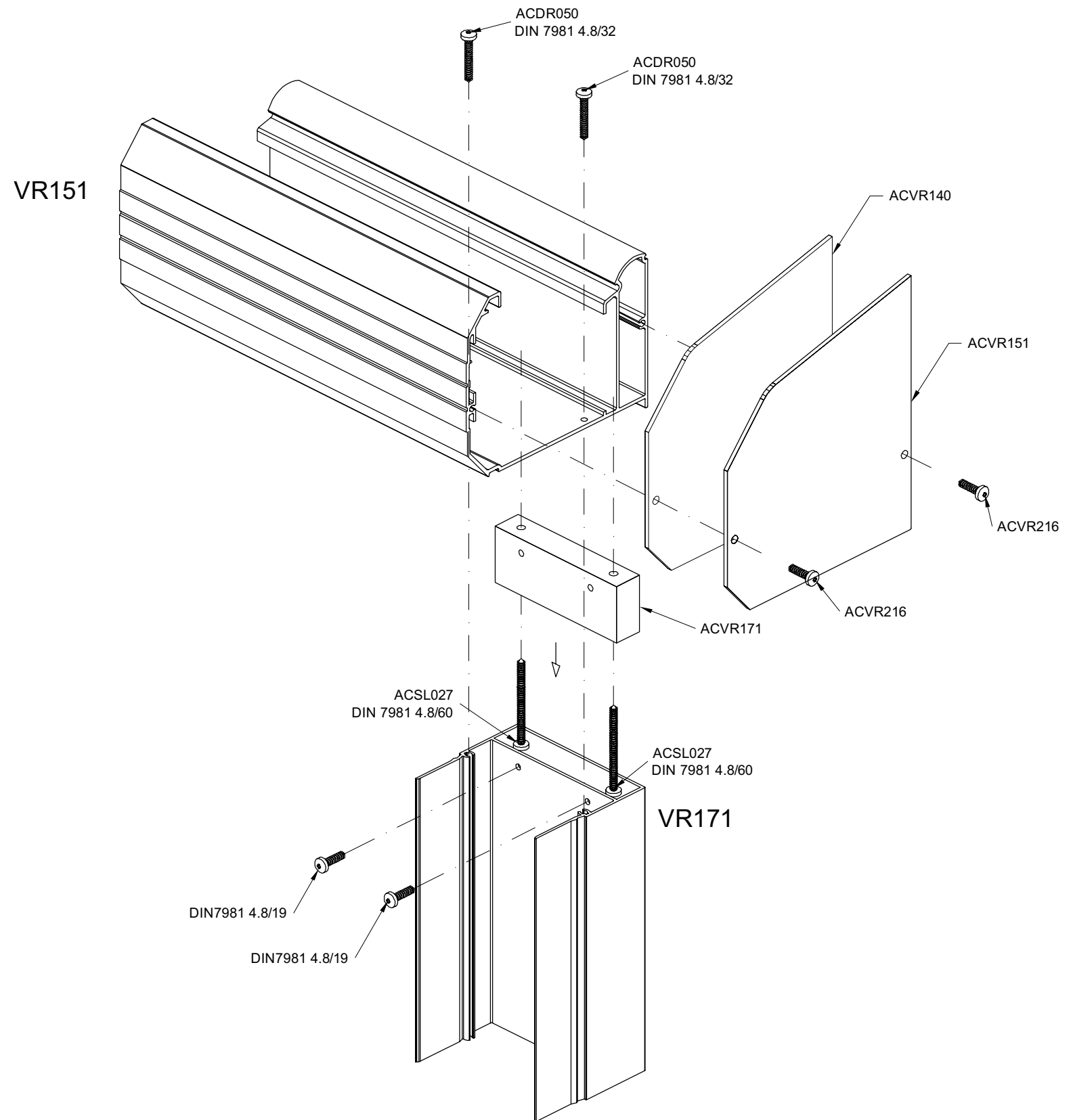


MONTAGE VR151 EN VR171 MET ACVR171  
MONTAGE VR151 ET VR171 AVEC ACVR171  
MONTAGE VR151 UND VR171 MIT ACVR171  
MONTAGE VR151 AND VR171 WITH ACVR171

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

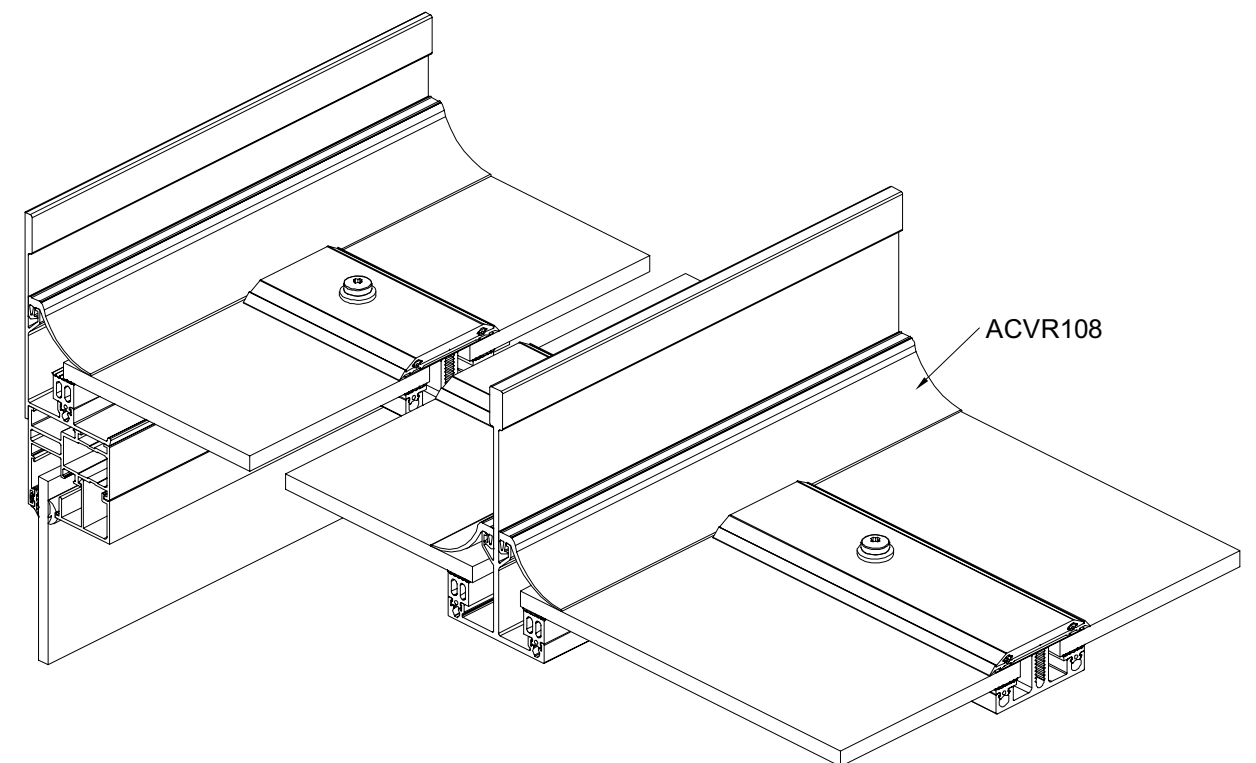
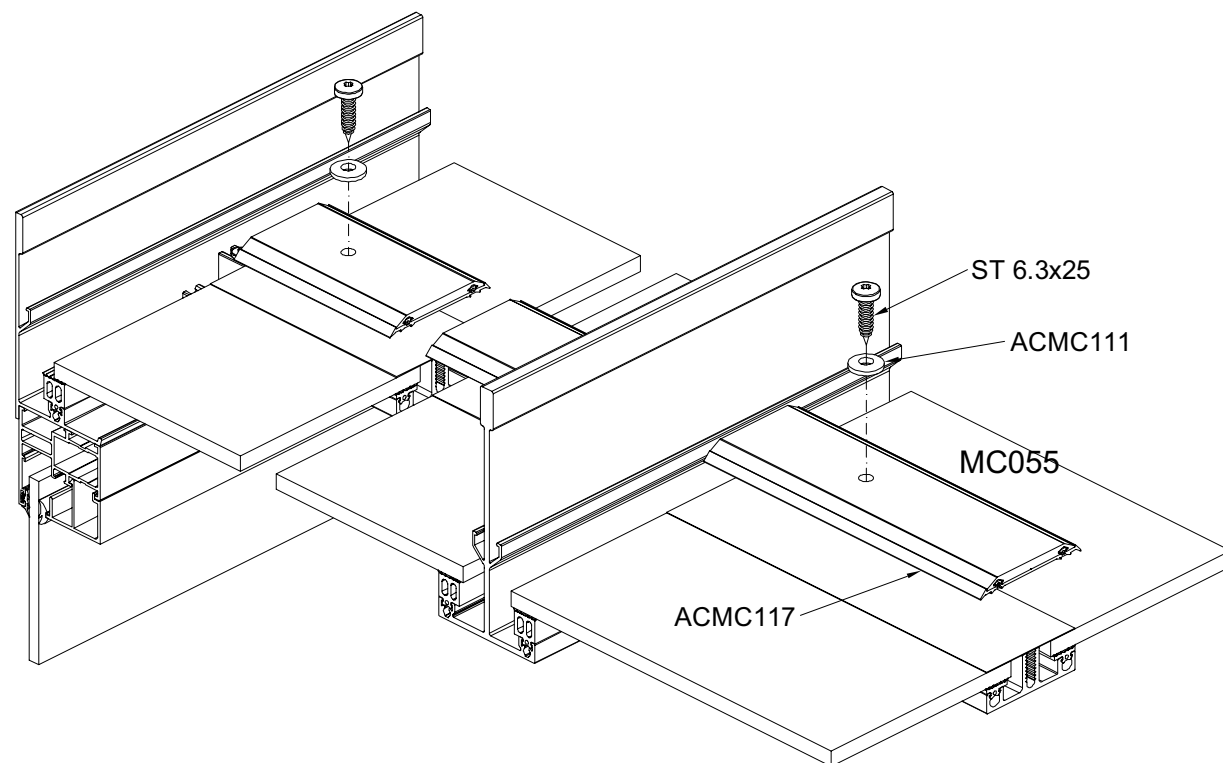
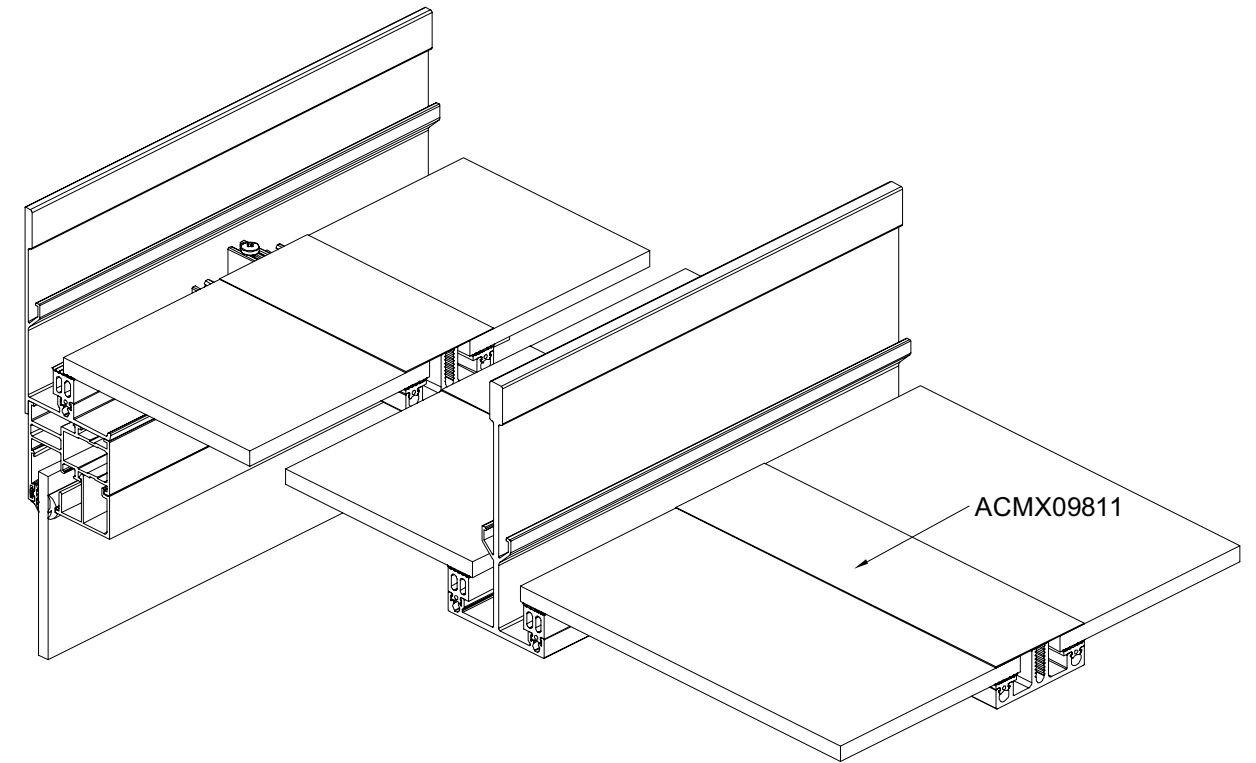
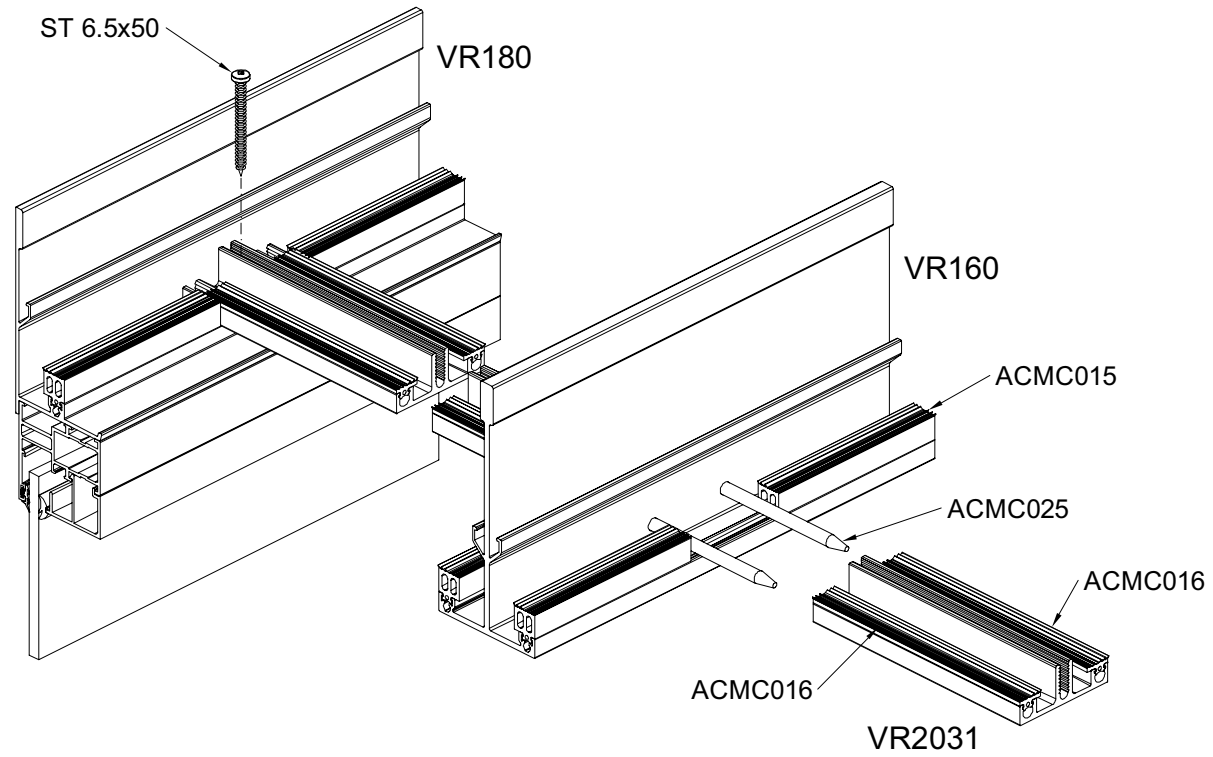


Schaal : 1/2



MONTAGE VR2031  
MONTAGE VR2031  
MONTAGE VR2031  
MONTAGE VR2031

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

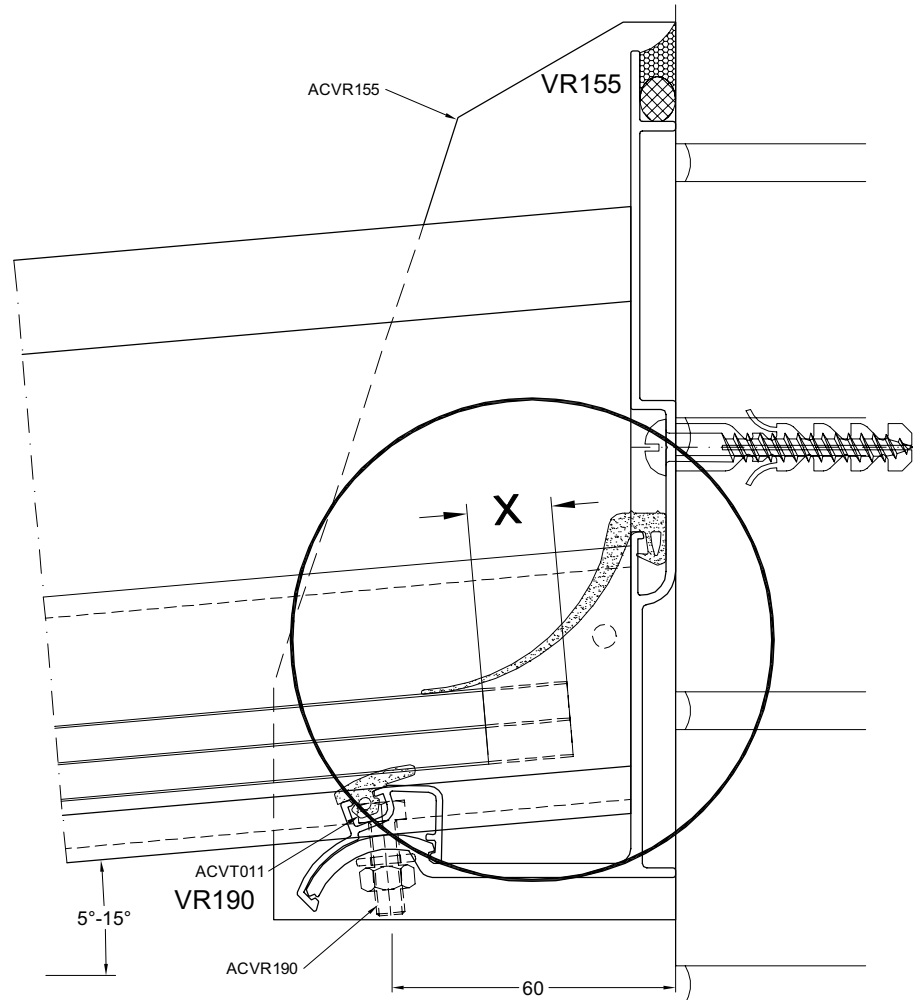
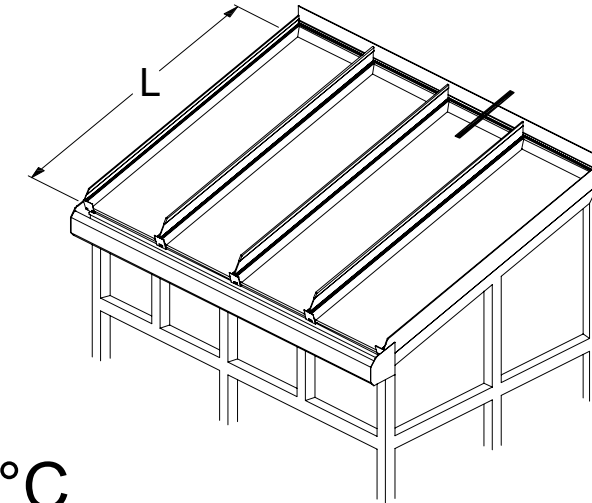


vr2031

UITZETTING POLYCARBONAATPLATEN  
EXPANSION DES PANNEAUX POLYCARBONATES  
AUSDEHNUNG POLYCARBONAT PLATTEN  
EXPANSION POLYCARBONATE PLATES

WERKTEKENINGEN - DESSINS DE CONSTRUCTION - KONSTRUKTIONZEICHNUNGEN - CONSTRUCTION DRAWINGS

Uitzetting polycarbonaatplaten  
Expansion des panneaux polycarbonates  
Ausdehnung Polycarbonat Platten  
Expansion polycarbonate plates



0.065mm/°C

lengte (mm) longueur (mm) Länge (mm) length (mm)	temperatuursverschil (°C) différence de température (°C) Temperatur Differenz (°C) temperature difference (°C)																
	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C	75°C	80°C
1000	0.00	0.33	0.65	0.98	1.30	1.63	1.95	2.28	2.60	2.93	3.25	3.58	3.90	4.23	4.55	4.88	5.20
1200	0.00	0.39	0.78	1.17	1.56	1.95	2.34	2.73	3.12	3.51	3.90	4.29	4.68	5.07	5.46	5.85	6.24
1400	0.00	0.46	0.91	1.37	1.82	2.28	2.73	3.19	3.64	4.10	4.55	5.01	5.46	5.92	6.37	6.83	7.28
1600	0.00	0.52	1.04	1.56	2.08	2.60	3.12	3.64	4.16	4.68	5.20	5.72	6.24	6.76	7.28	7.80	8.32
1800	0.00	0.59	1.17	1.76	2.34	2.93	3.51	4.10	4.68	5.27	5.85	6.44	7.02	7.61	8.19	8.78	9.36
2000	0.00	0.65	1.30	1.95	2.60	3.25	3.90	4.55	5.20	5.85	6.50	7.15	7.80	8.45	9.10	9.75	10.40
2200	0.00	0.72	1.43	2.15	2.86	3.58	4.29	5.01	5.72	6.44	7.15	7.87	8.58	9.30	10.01	10.73	11.44
2400	0.00	0.78	1.56	2.34	3.12	3.90	4.68	5.46	6.24	7.02	7.80	8.58	9.36	10.14	10.92	11.70	12.48
2600	0.00	0.85	1.69	2.54	3.38	4.23	5.07	5.92	6.76	7.61	8.45	9.30	10.14	10.99	11.83	12.68	13.52
2800	0.00	0.91	1.82	2.73	3.64	4.55	5.46	6.37	7.28	8.19	9.10	10.01	10.92	11.83	12.74	13.65	14.56
3000	0.00	0.98	1.95	2.93	3.90	4.88	5.85	6.83	7.80	8.78	9.75	10.73	11.70	12.68	13.65	14.63	15.60
3200	0.00	1.04	2.08	3.12	4.16	5.20	6.24	7.28	8.32	9.36	10.40	11.44	12.48	13.52	14.56	15.60	16.64
3400	0.00	1.11	2.21	3.32	4.42	5.53	6.63	7.74	8.84	9.95	11.05	12.16	13.26	14.37	15.47	16.58	17.68
3600	0.00	1.17	2.34	3.51	4.68	5.85	7.02	8.19	9.36	10.53	11.70	12.87	14.04	15.21	16.38	17.55	18.72
3800	0.00	1.24	2.47	3.71	4.94	6.18	7.41	8.65	9.88	11.12	12.35	13.59	14.82	16.06	17.29	18.53	19.76
4000	0.00	1.30	2.60	3.90	5.20	6.50	7.80	9.10	10.40	11.70	13.00	14.30	15.60	16.90	18.20	19.50	20.80
4200	0.00	1.37	2.73	4.10	5.46	6.83	8.19	9.56	10.92	12.29	13.65	15.02	16.38	17.75	19.11	20.48	21.84
4400	0.00	1.43	2.86	4.29	5.72	7.15	8.58	10.01	11.44	12.87	14.30	15.73	17.16	18.59	20.02	21.45	22.88
4600	0.00	1.50	2.99	4.49	5.98	7.48	8.97	10.47	11.96	13.46	14.95	16.45	17.94	19.44	20.93	22.43	23.92
4800	0.00	1.56	3.12	4.68	6.24	7.80	9.36	10.92	12.48	14.04	15.60	17.16	18.72	20.28	21.84	23.40	24.96
5000	0.00	1.63	3.25	4.88	6.50	8.13	9.75	11.38	13.00	14.63	16.25	17.88	19.50	21.13	22.75	24.38	26.00
5200	0.00	1.69	3.38	5.07	6.76	8.45	10.14	11.83	13.52	15.21	16.90	18.59	20.28	21.97	23.66	25.35	27.04
5400	0.00	1.76	3.51	5.27	7.02	8.78	10.53	12.29	14.04	15.80	17.55	19.31	21.06	22.82	24.57	26.33	28.08
5600	0.00	1.82	3.64	5.46	7.28	9.10	10.92	12.74	14.56	16.38	18.20	20.02	21.84	23.66	25.48	27.30	29.12
5800	0.00	1.89	3.77	5.66	7.54	9.43	11.31	13.20	15.08	16.97	18.85	20.74	22.62	24.51	26.39	28.28	30.16
6000	0.00	1.95	3.90	5.85	7.80	9.75	11.70	13.65	15.60	17.55	19.50	21.45	23.40	25.35	27.30	29.25	31.20
6200	0.00	2.02	4.03	6.05	8.06	10.08	12.09	14.11	16.12	18.14	20.15	22.17	24.18	26.20	28.21	30.23	32.24
6400	0.00	2.08	4.16	6.24	8.32	10.40	12.48	14.56	16.64	18.72	20.80	22.88	24.96	27.04	29.12	31.20	33.28
6600	0.00	2.15	4.29	6.44	8.58	10.73	12.87	15.02	17.16	19.31	21.45	23.60	25.74	27.89	30.03	32.18	34.32
6800	0.00	2.21	4.42	6.63	8.84	11.05	13.26	15.47	17.68	19.89	22.10	24.31	26.52	28.73	30.94	33.15	35.36
7000	0.00	2.28	4.55	6.83	9.10	11.38	13.65	15.93	18.20	20.48	22.75	25.03	27.30	29.58	31.85	34.13	36.40