

PALLAZZO®

TECHNICAL MANUAL



MANUAL REVISION

REVISION	DESCRIPTION	PAGE
11/03/2025	P-00-951 + P-00-952 + A-GS-502 + A-98-W605 + A-98-W203 + A-95-150D + A-10-206 deleted	Several pages
03/03/2025	XLR added	Several pages
09/05/2023	P-98-3098B + A-98-3098KB + A-98-3098PLB + A-98-3098PRB added N98909 + N98910 added	Several pages
A	Pallazzo One deleted	Several pages
/	First Issue	Complete manual

» INDEX / INHOUD / TABLE DES MATIÈRES

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1 SPECIFICATIES

GENERAL REMARKS

Dimensions and thickness of aluminium profiles shown in this manual are theoretical and may vary according to tolerance provided for in EN 12020-2 standards.

Cutting lists shown in this manual do not take into account these possible variations. We therefore recommend carefully checking aluminum profile dimensions, as well as, the cutting accuracy of all machinery.

The system described in this manual has been designed and tested as a whole. The use of AluK brand is permitted only when original AluK components are used (sections, accessories and gaskets) and only when the technical specifications given in this manual are complied with.

In the event that any component of the system is not an original AluK component, the use of the AluK brand is not authorized.

The product shall be used in accordance with the specifications, regulations and laws in force in the country where the product itself is used. AluK waives all responsibility resulting from non-compliance with the above listed instructions.

Any details provided in this manual representing frames back to the structure are merely shown as an indication to assist designers and manufacturers.

» TECHNICAL DESCRIPTION

SECTIONS

The extruded aluminium profiles are made from homogenised billets, with limited composition tolerances, suitable for anodising or painting.

All extruded aluminium sections are supplied at physical state 6060 alloy T66.

Dimension tolerances are in compliance with EN 12020-2.

GASKETS

Gaskets are made of EPDM (ethylene + propylene elastomer).

ACCESSORIES

Patented AluK accessories of the highest quality are expressly designed by AluK to offer the utmost reliability and safety.

GLAZING

The choice of glazing is purely the responsibility of the fabricator/installer through compliance with legislation and glass manufactures recommendations.

SYSTEM DESIGN TOLERANCES

To ensure all products are manufactured in accordance with the fabrication manual, please follow guidelines laid out below:

- a. Manufacturing tolerances shall be within +/- 1.5 (cutting tolerance of +/- 0.5mm and assembly tolerance of +/-1.0mm).
- b. Installation Tolerance to be +/-2mm i.e. the difference between the diagonals of the assembled frame shall be not greater than above.

» SURFACE TREATMENTS

ANODISING

The anodising process is performed in compliance with Technical Directives of European quality mark QUALANOD.

The minimum compulsory oxide layer thickness is 15 microns for external architectural use, can be increased to major classes (20 or 25 microns), according to customer's requirements and/or national laws in the place of destination.

PAINTING

Painting is done with powders and colour can be chosen from the RAL range of colours, from our colour palette and/or based on customer's requirement.

The minimum compulsory paint layer thickness shall be at least 60 micron for external architectural use.

The whole sections painting cycle is carried in full compliance of quality standard QUALICOAT.

» WARRANTIES & LEGAL RESTRICTION

WARRANTIES

AluK S.A. (hereinafter "AluK") warrants that its systems meet the required technical characteristics.

Additional warranties may apply under certain conditions.

LEGAL RESTRICTION

All drawings and information in this technical manual are indicative and cannot engage our responsibility.

The AluK policy of continuous improvement determines the right to make the modifications without prior warning.

AluK cannot be held responsible for possible misprints or other technical errors in this manual. This technical manual cannot lead to any legal action whatsoever.

All mentioned model, profiles, accessories and related items (including its intellectual property rights) designed and or conceived by AluK are the exclusive intellectual property of AluK.

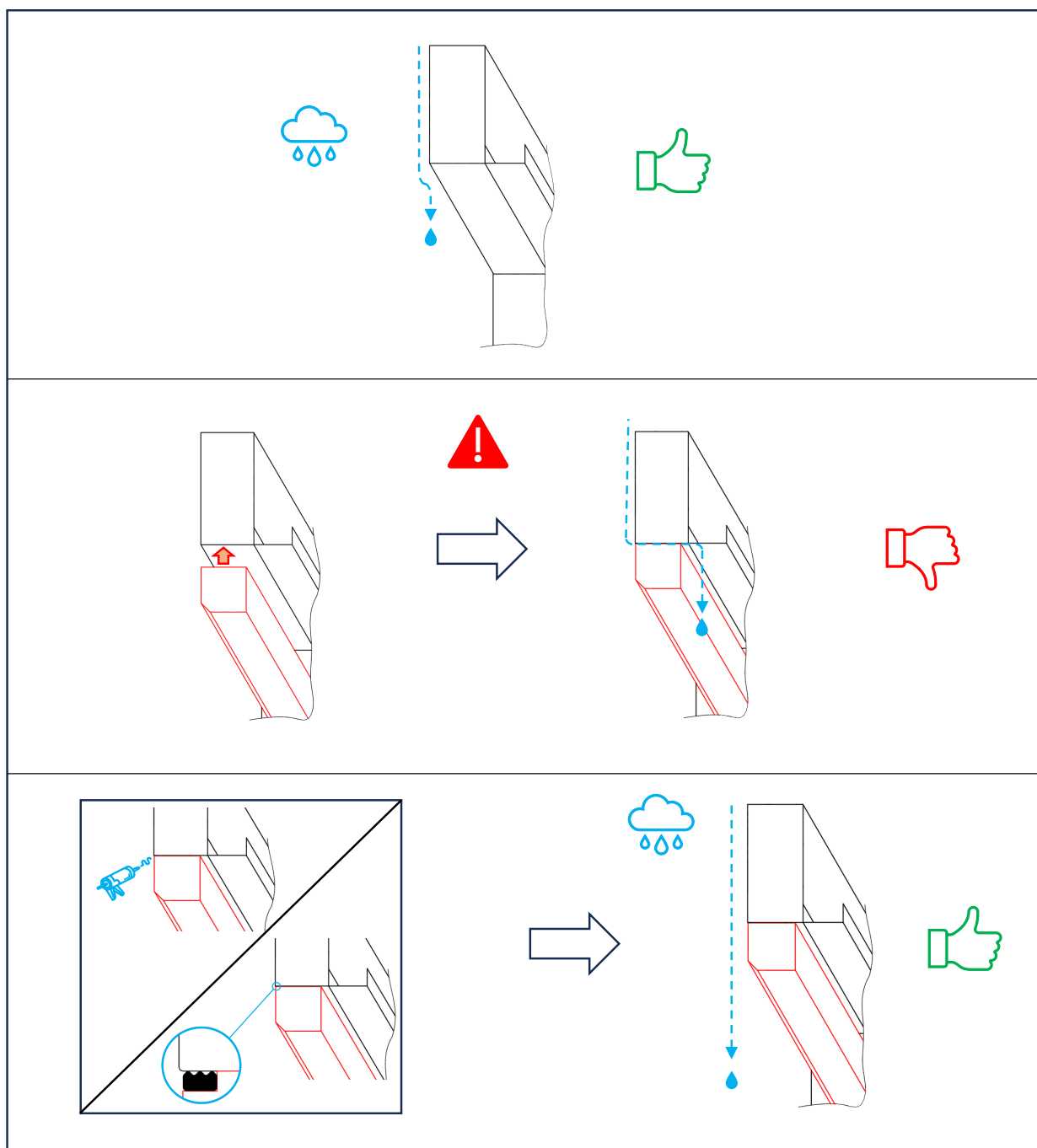
They may only be used for the purpose to which have been supplied and must not be reproduced, stored or disseminated to third parties in any way or form without the prior written permission of AluK.

WARRANTIES & LEGAL RESTRICTION

PALLAZZO®
AN ALUK BRAND

Warning

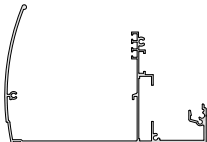
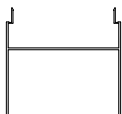
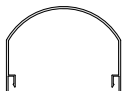
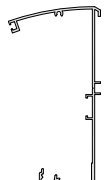
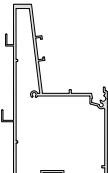
If an extra profile is mounted under the ring beam (sliding door guide, screen, etc.), water may seep in between this profile and the ring beam. Prevent this by using sealant or a sealing tape on the outside of the roof.

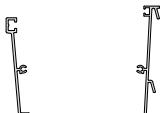
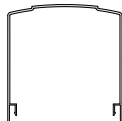
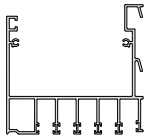




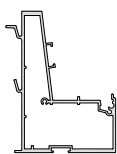
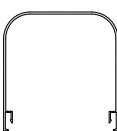


2 PROFILE INDEX

	CODE	DESCRIPTION
 5.3	P-98-3003	Raised gutter Verhoogde goot Gouttière avec rehausse
 5.4	P-98-3004	Post 108mm Paal 108mm Poteau 108mm
 5.5	P-98-3007	Rounded post cover Afgeronde dekkap Capot arrondi pour poteau
 5.6	P-98-3008	Wall profile Muurprofiel Profil mural
 5.7	P-98-3010	Innerpart gutter XL Binnendeel goot XL Partie intérieure XL

	CODE	DESCRIPTION
 5.8	P-98-3011	Head gutter Goot Gouttière
 5.9	P-98-3012	Cover for post Kap voor paal Capot pour poteau
 5.10	P-98-3015	Edge profile Randprofiel Profil de bord
 5.10	P-98-3016	Head gutter Goot Gouttière
 5.11	P-98-3017	Raise profile head gutter Verhoogprofiel goot Profil rehaussement gouttière

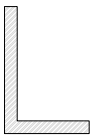
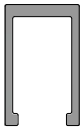
► PROFILE / PROFIELEN / PROFILS

	CODE	DESCRIPTION
 5.11	P-98-3018	Raise profile head gutter Verhoogprofiel goot Profil rehaussement gouttière
 5.12	P-98-3019	Ringbeam Ringbalk Poutre d'anneau
 5.13	P-98-3098B	Raise profile Verhoogprofiel Profil rehaussement
 5.14	P-98-3099	Cover for post Kap voor paal Capot pour poteau
 5.15	P-98-4003	Finishing profile inside Afsluitprofiel binnen Profil de finition intérieur

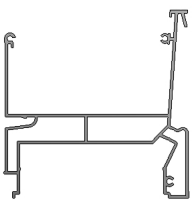
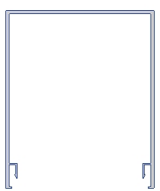
	CODE	DESCRIPTION
 5.16	P-98-8001	Clips PVC Polycarbonate PVC clips Polycarbonaat Clips PVC Polycarbonate
 5.16	P-98-8694	Alu clips 16mm Alu clips 16mm Clips Alu 16mm
 5.17	P-98-9693	Roof beam 100mm Ligger 100mm Chevron 100mm
 5.18	P-00-904	Alu unequal angle 40x20x2mm Ongelijkzijdige winkelhaak 40x20x2mm Equerre inégale 40x20x2mm Alu
 5.18	P-00-974	Square tube 100x100x2mm Vierkante buis 100x100x2mm Tube carré 100x100x2mm

➤ PROFILE / PROFIELEN / PROFILES

	CODE	DESCRIPTION
 5.19	P-10-016	Closer prof. Polycarbonate 16mm Sluitprofiel Polycarbonaat 16mm prof. closoir Polycarbonate 16mm
 5.19	P-10-250	Raising profile gutter section Verhoogstuk goot Profil réhausse de gouttière
 5.19	P-10-251	Raising profile gutter section Verhoogstuk goot Profil réhausse de gouttière
 5.25	P-FE-003	Metal. steel reinforcement 80x50x3mm Ijzer gemetaliseerde buis 80x50x3mm Tube acier métallisé 80x50x3mm
 5.25	P-FE-006	Metal. steel reinforcement 60x10mm Ijzer gemetaliseerde staaf 60x10mm Barre acier métallisé 60x10mm

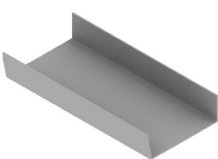
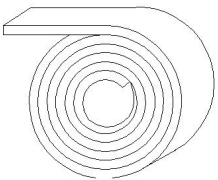
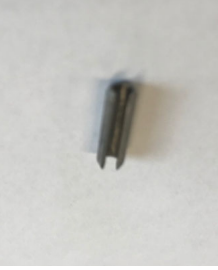
	CODE	DESCRIPTION
 5.26	P-FE-009	Metal. steel reinforcement 60x60x4mm Ijzer gemetaliseerde buis 60x60x4mm Tube acier métallisé 60x60x4mm
 5.27	P-FE-010	Metal. steel reinforcement 150x75x9mm Ijzer gemetaliseerde L 150x75x9mm Tube acier métallisé 150x75x9mm
 5.27	P-FE-011	Metal. steel reinforcement 120x80x12mm Ijzer gemetaliseerde L 120x80x12mm Tube acier métallisé 120x80x12mm
 5.20	N98909	Beam reinforcement Ligger versterking Chevron reinforcement
 5.20	N98910	Beam reinforcement Ligger versterking Chevron reinforcement

➤ PROFILE / PROFIELEN / PROFILS

	CODE	DESCRIPTION
 5.21	N98952	Gutter profile XLR Gootprofiel XLR Profilé de gouttière XLR
 5.22	N98953	Raised gutter XLR Verhoogde goot XLR Gouttière surélevée XLR
 5.23	N98954	Gutter cover XLR Dakgootafdekking XLR Couverture de gouttière XLR
 5.24	N98955	Post cover XLR Paalafdekking XLR Couvre-poteau XLR



2 TOEBEHOREN

IMAGE	CODE	DESCRIPTION	FINISH
	A-10-220	Water drainage 80mm Waterafloop 80mm Ecoulement d'eau 80mm	-
	A-10-221	Drainage tube 80mm with sleeve Afvoerbuis 80mm met mof Tuyau d'écoulement 80mm avec manchon	-
	A-10-711	Connection Koppeling Raccord	-
	A-10-8045	Water drainage 80mm Waterafloop 80mm Ecoulement d'eau 80mm	-
	A-50-809903	Sealant butylic aluminium film 60 x 0,6 Butyltape aluminium film 60 x 0,6 Bande butyl couche aluminium 60 x 0,6	-
	A-98-250	Connecting pin for gutter riser Koppel stift voor gootverhoger Broche de connexion pour colonne montante de gouttière	-

➤ ACCESSORY / TOEBEHOREN / ACCESSOIRES

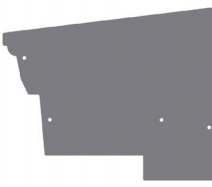
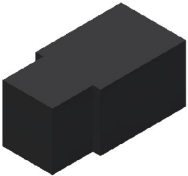
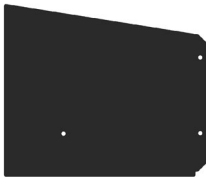
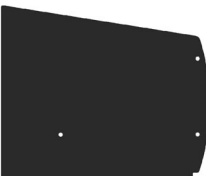
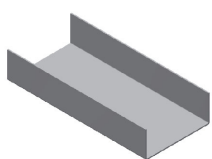
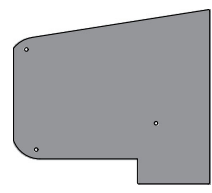
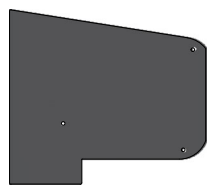
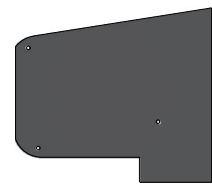
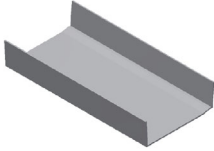
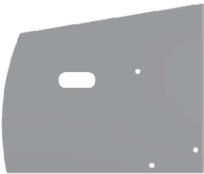
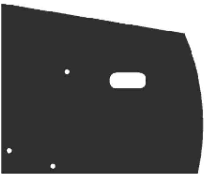
IMAGE	CODE	DESCRIPTION	FINISH
	A-98-3010K	End piece gutter Eindplaat goot Embout gouttière	
	A-98-3010PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3010PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3015K	End piece gutter Eindplaat goot Embout gouttière	
	A-98-3015PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3015PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-

IMAGE	CODE	DESCRIPTION	FINISH
	A-98-3016	Closing cap Afsluitdopje Feuille d'étanchéité	-
	A-98-3017K	End piece gutter Eindplaat goot Embout gouttière	
	A-98-3017PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3017PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3018K	End piece gutter Eindplaat goot Embout gouttière	
	A-98-3018PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-

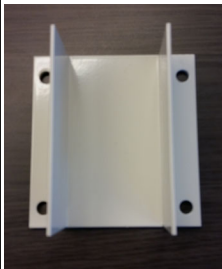
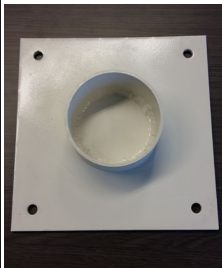
» ACCESSORY / TOEBEHOREN / ACCESSOIRES

IMAGE	CODE	DESCRIPTION	FINISH
	A-98-3018PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3019	Connecting piece for gutter P-98-3016 Koppelstuk goot P-98-3016 Piece de raccord pour gouttière P-98-3016	-
	A-98-3098KB	End piece gutter for P-98-3010+3098B Eindplaat goot voor P-98-3010+3098B Embout gouttière pour P-98-3010+3098B	
	A-98-3098PLB	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3098PRB	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3020	Connecting piece for gutter Koppelstuk goot Piece de raccord pour gouttière	-

➤ ACCESSORY / TOEBEHOREN / ACCESSOIRES

IMAGE	CODE	DESCRIPTION	FINISH
	A-98-3106	Connecting piece for gutter Koppelstuk goot Pièce de raccord pour gouttière	-
	A-98-3107	Connection piece gutter / wall Bevestigingsbeugel goot / muur Fixation gouttière / mur	
	A-98-3108	Connection piece post / gutter Bevestigingsbeugel paal / goot Pièce de fixation poteau / gouttière	-
	A-98-3111K	End piece gutter Eindplaat goot Embout gouttière	
	A-98-3111PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3111PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-

» ACCESSORY / TOEBEHOREN / ACCESSOIRES

IMAGE	CODE	DESCRIPTION	FINISH
	A-98-3112K	End piece wall Eindplaat muur Embout mur	
	A-98-3112PL	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3112PR	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	A-98-3123	Base for post P-98-3004 Voetplaat paal P-98-3004 Plaque de base pour poteau P-98-3004	
	A-98-3125	Steel base for post Stalen voetplaat Butée pour vitrage	-
	A-98-4123	Base for post P-00-974 Voetplaat paal P-00-974 Plaque de base pour poteau P-00-974	

➤ ACCESSORY / TOEBEHOREN / ACCESSOIRES

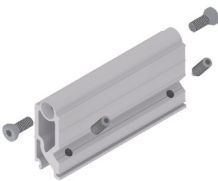
IMAGE	CODE	DESCRIPTION	FINISH
	A-98-4140	Screws kit Schroevenset Set de vis	-
	A-98-8005	Glass panel stop Stootblokje beglazing Butée pour vitrage	
	A-98-8054	Glazing gasket Beglazingsrubber Joint de vitrage	Black
	A-98-8055	Glazing gasket Beglazingsrubber Joint de vitrage	Black
	A-98-8090	Gutter sealing gasket Gootrubber Joint d'étanchéité pour gouttière	Black
	A-98-9110	LED recessed spot stainless steel look LED inbouwslot RVS-look LED encastré vue inoxydable	-

» ACCESSORY / TOEBEHOREN / ACCESSOIRES

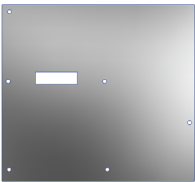
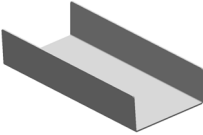
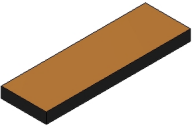
IMAGE	CODE	DESCRIPTION	FINISH
	A-98-9120	LED driver incl. remote control max 12 LED spots LED driver incl.afstandsbediening max 12 LED spots Conducteur LED inc.télécommande max 12 LED encastré	-
	A-98-9121	LED driver incl. remote control max 24 LED spots LED driver incl.afstandsbediening max 24 LED spots Conducteur LED inc.télécommande max 24 LED encastré	-
	A-98-9130	Double output cable for LED spots Kabel met dubbele uitgang tbv LED spots Câble à double sortie pour encastré LED	-
	A-98-9131	Triple output cable for LED spots Kabel met drievoudige uitgang tbv LED spots Câble à triple sortie pour encastré LED	-
	A-98-9132	Cable 160x20x20cm for LED spots T-kabel 160x20x20cm tbv LED spots Câble en T 160x20x20cm pour encastré LED	-
	A-98-9150	Waterproof end cap Waterdichte eindkap Embout étanche	-

IMAGE	CODE	DESCRIPTION	FINISH
	A-98-W202	DIN 7981 4,8X16mm DIN 7981 4,8X16mm DIN 7981 4,8X16mm	-
	A-98-W316	DIN 914 M6X8mm DIN 914 M6X8mm DIN 914 M6X8mm	-
	A-98-W317	M8X16mm M8X16mm M8X16mm	-
	A-98-W642	DIN 7981 3,5X25mm DIN 7981 3,5X25mm DIN 7981 3,5X25mm	-
	A-GS-304	Glazing gasket 4mm Glasdichting 4mm Joint de vitrage 4mm	Black
	A-GS-306	Glazing gasket 6mm Glasdichting 6mm Joint de vitrage 6mm	Black

➤ ACCESSORY / TOEBEHOREN / ACCESSOIRES

IMAGE	CODE	DESCRIPTION	FINISH
	A-GS-505	Seal gasket Dichtingsrubber Joint d'étanchéité	Black
	A-SE-Select32	Name tag - stainless steel Naamlabel - inox Etiquette de nom - inoxyvable	-
	A-TV-012	Connecting bracket T-verbinding Assemblage traverse	-
	IP-98-3105	Connecting bracket rafter Bevestigingsbeugel ligger Pièce fixation chevron	-
	IP-98-3105H	Half connecting bracket rafter Halve bevestigingsbeugel ligger Demi pièce fixation chevron	-
	V09078	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-

» ACCESSORY / TOEBEHOREN / ACCESSOIRES

IMAGE	CODE	DESCRIPTION	FINISH
	V09083	Adhesive PE seal Zelfklevende PE pakking Feuille d'étanchéité PE	-
	V70442	End piece gutter Eindplaat goot Embout gouttière	
	V70443	Decorative endpiece XLR Decoratieve Eindplaat XLR Embout décorative XLR	
	V70445	Connecting piece for gutter Koppelstuk goot Piece de raccord pour gouttière	-
	V70446	Positioning bracket raised gutter XLR Positioneerbeugel verhoogde goot XLR Support de gouttière surélevée XLR	-
	V90152	Double-sided tape end plate XLR Dubbelzijdige kleefband eindplaat XLR Ruban adhésif double face XLR	-

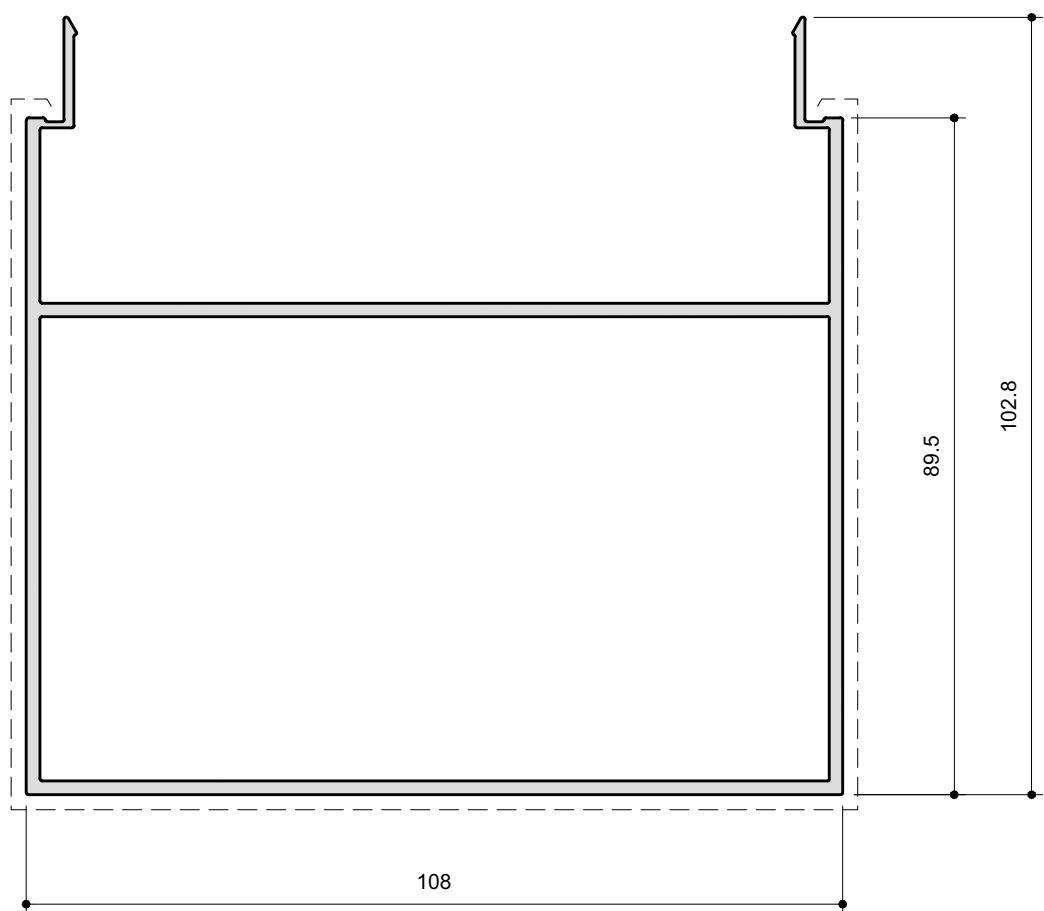


5 PROFILE SECTION





— — — — Primary surface
— · — · — Secondary surface



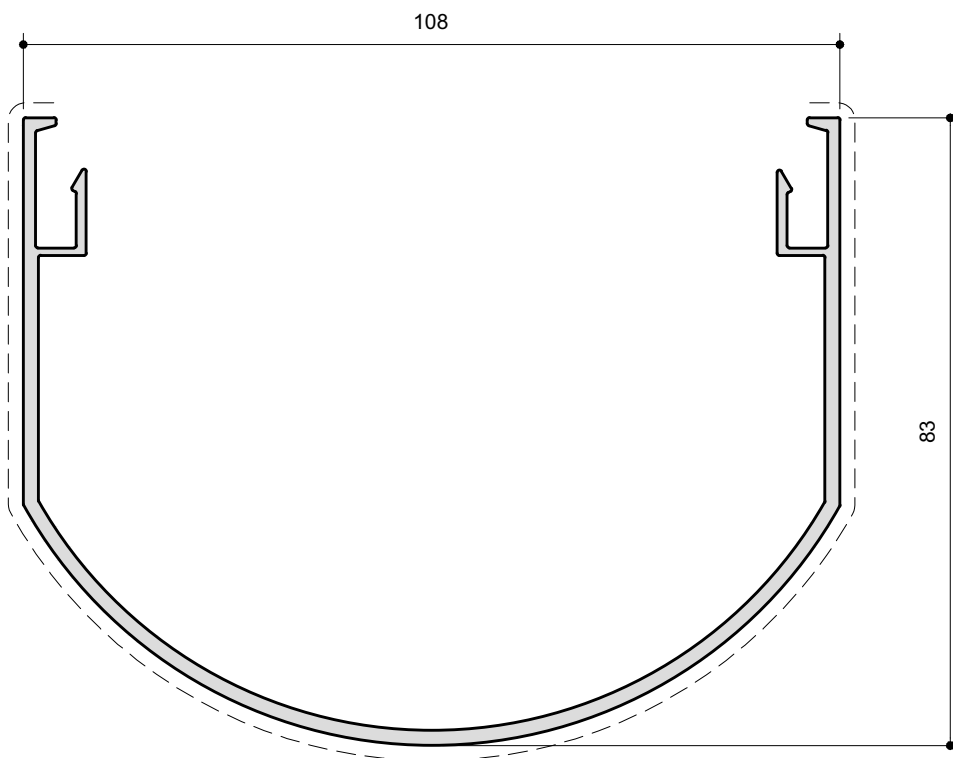
P-98-3004

	308,6	mm		314	mm
I _x	74,55	cm ⁴	W _x	12,14	cm ³
I _y	135,19	cm ⁴	W _y	25,03	cm ³

L [m] 5



----- Primary surface
- . - . - . Secondary surface



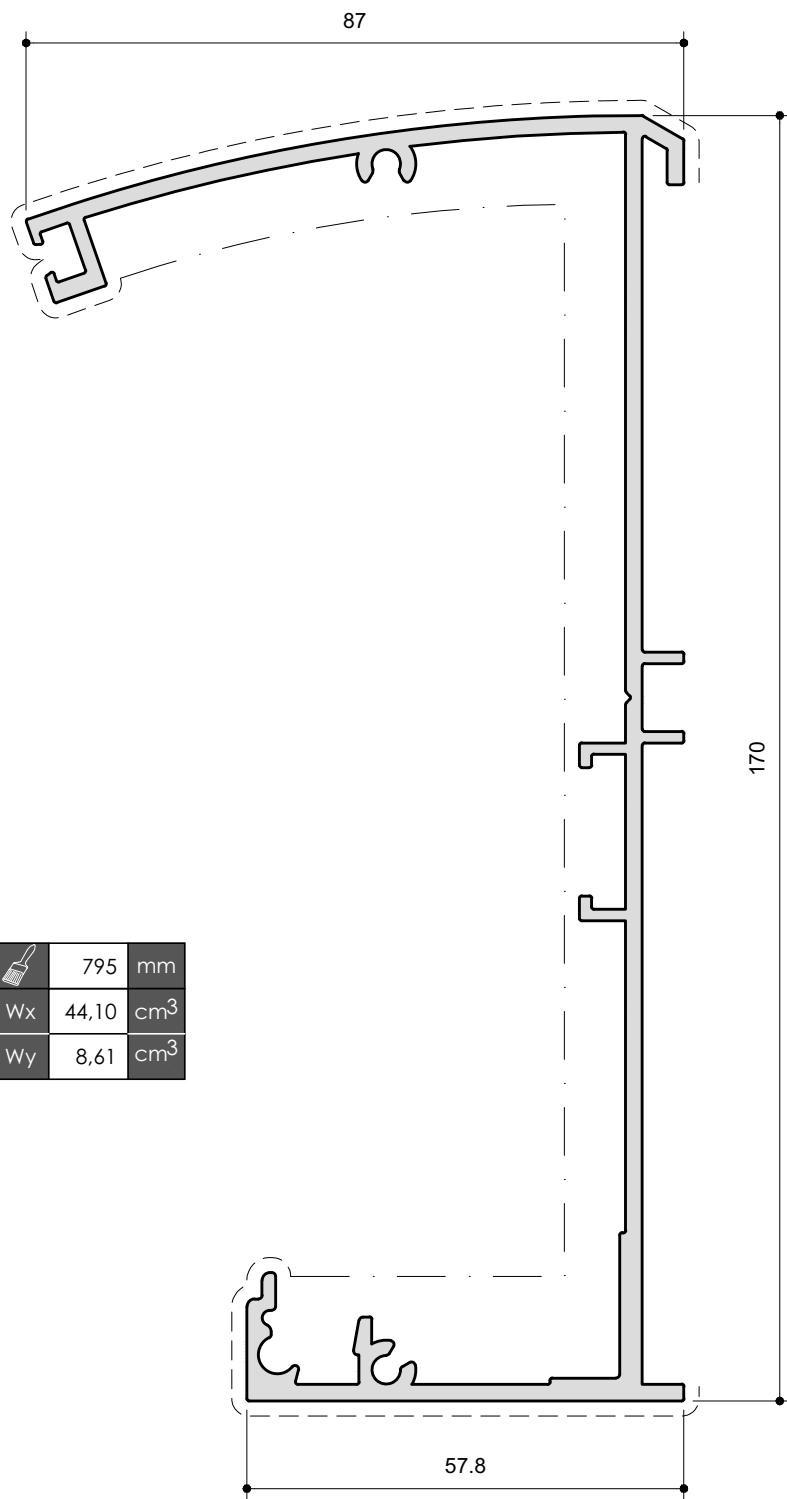
P-98-3007

	245,3	mm		539	mm
I _x	35,03	cm ⁴	W _x	7,22	cm ³
I _y	92,65	cm ⁴	W _y	17,16	cm ³

L [m] 5



----- Primary surface
- - - - - Secondary surface



P-98-3008

	387,5	mm		795	mm
I _x	384,12	cm ⁴	W _x	44,10	cm ³
I _y	53,32	cm ⁴	W _y	8,61	cm ³

L [m] 5,1 / 6,1 / 7,2

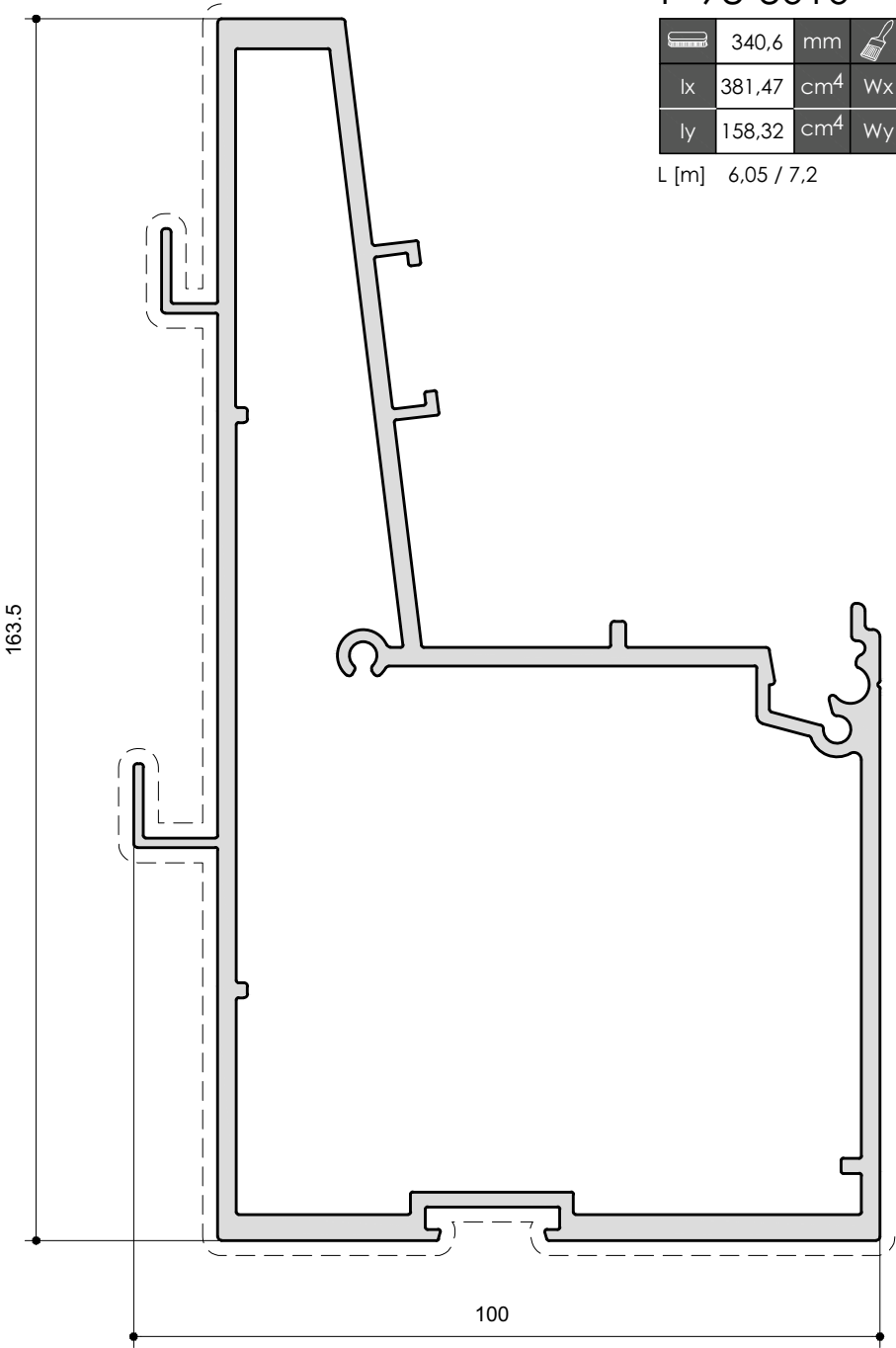


-----	Primary surface
- . - . - .	Secondary surface

P-98-3010

	340,6	mm		663,5	mm
I_x	381,47	cm ⁴	W_x	40,22	cm ³
I_y	158,32	cm ⁴	W_y	28,54	cm ³

L [m] 6,05 / 7,2



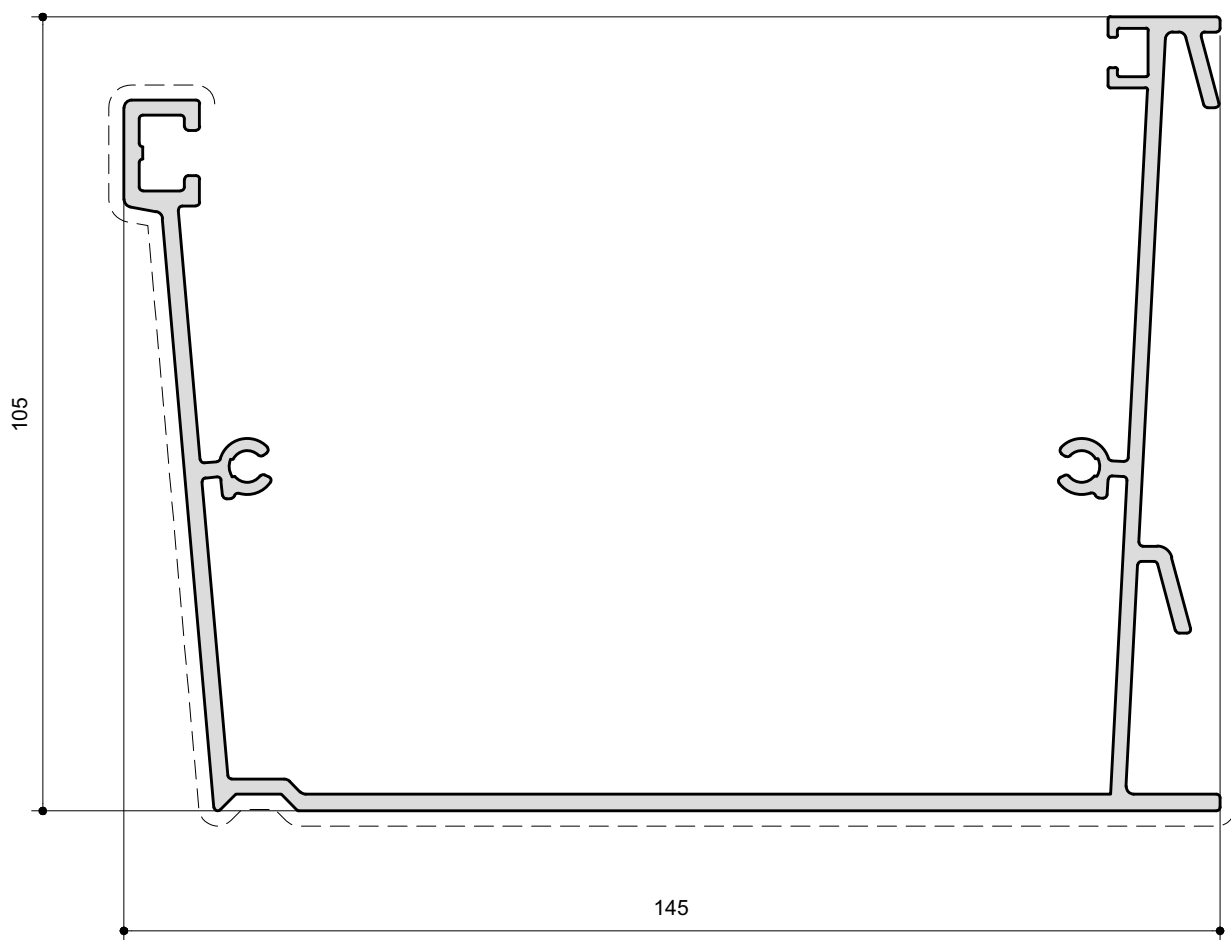


— — — —

Primary surface

— · — · —

Secondary surface



P-98-3011

	255	mm		852	mm
lx	110,82	cm ⁴	Wx	36,57	cm ³
ly	278,31	cm ⁴	Wy	36,01	cm ³

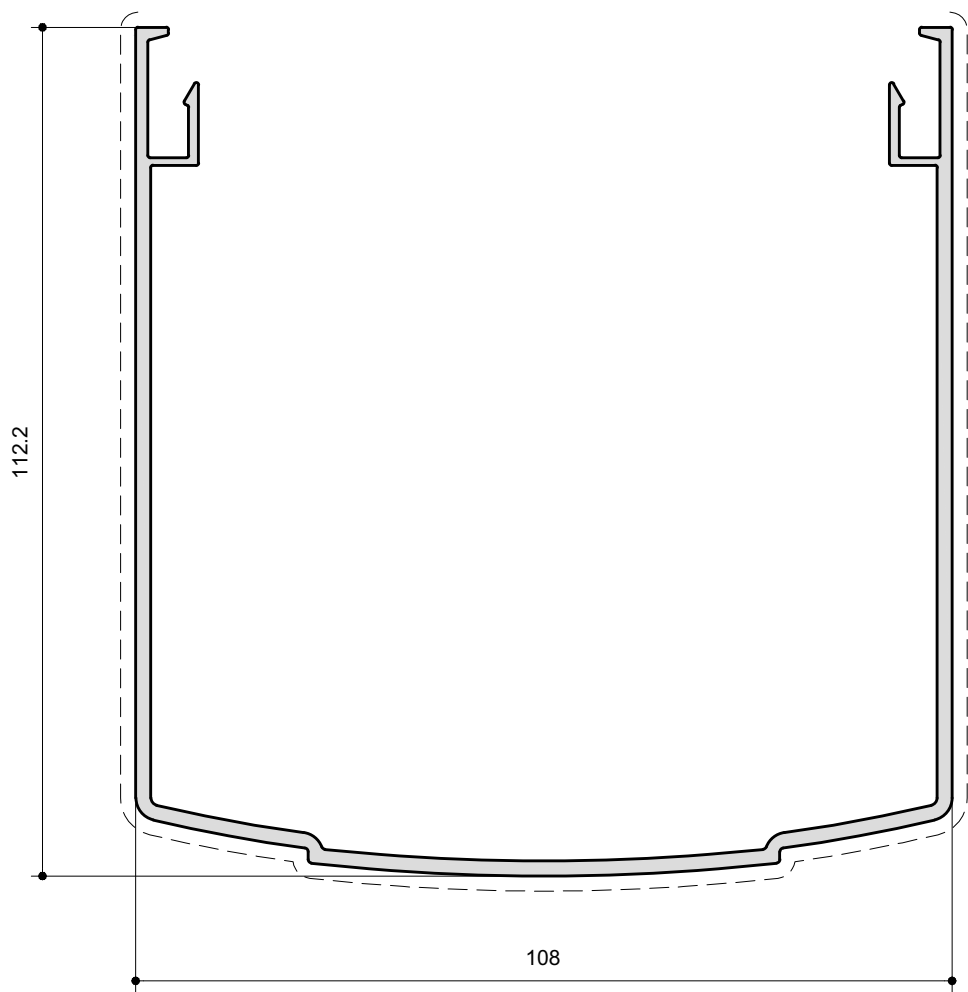
L [m] 6,05 / 7,2



Primary surface

-.-.-.-

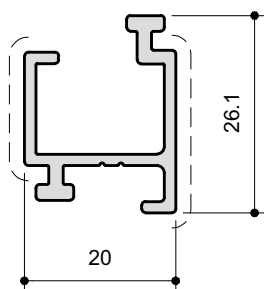
Secondary surface



P-98-3012

	331,2	mm		706,7	mm
I _x	93,34	cm ⁴	W _x	13,62	cm ³
I _y	143,06	cm ⁴	W _y	26,49	cm ³

L [m] 5

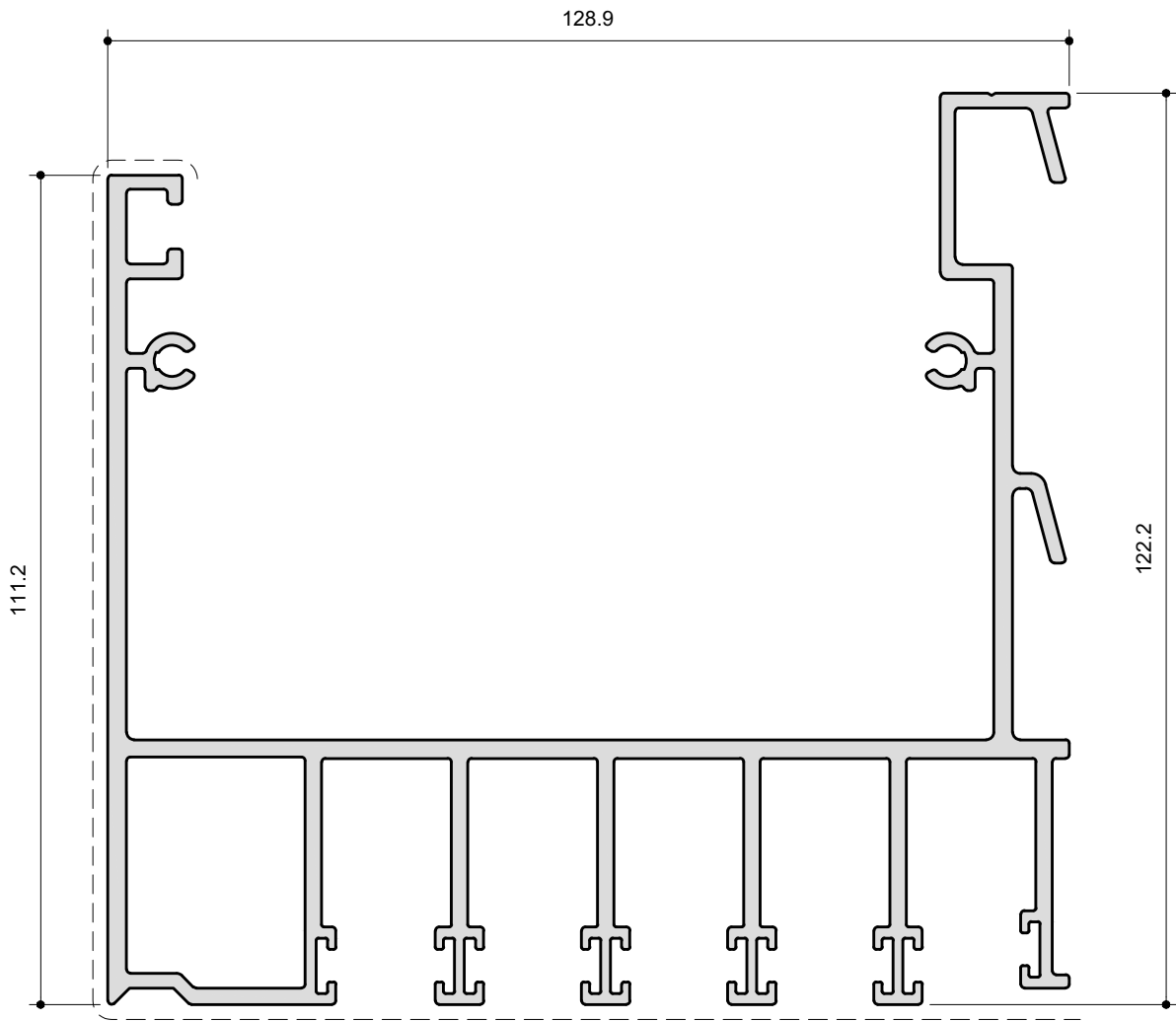


--- Primary surface
- - - Secondary surface

P-98-3015

	50,2	mm		154,9	mm
--	------	----	--	-------	----

L [m] 7

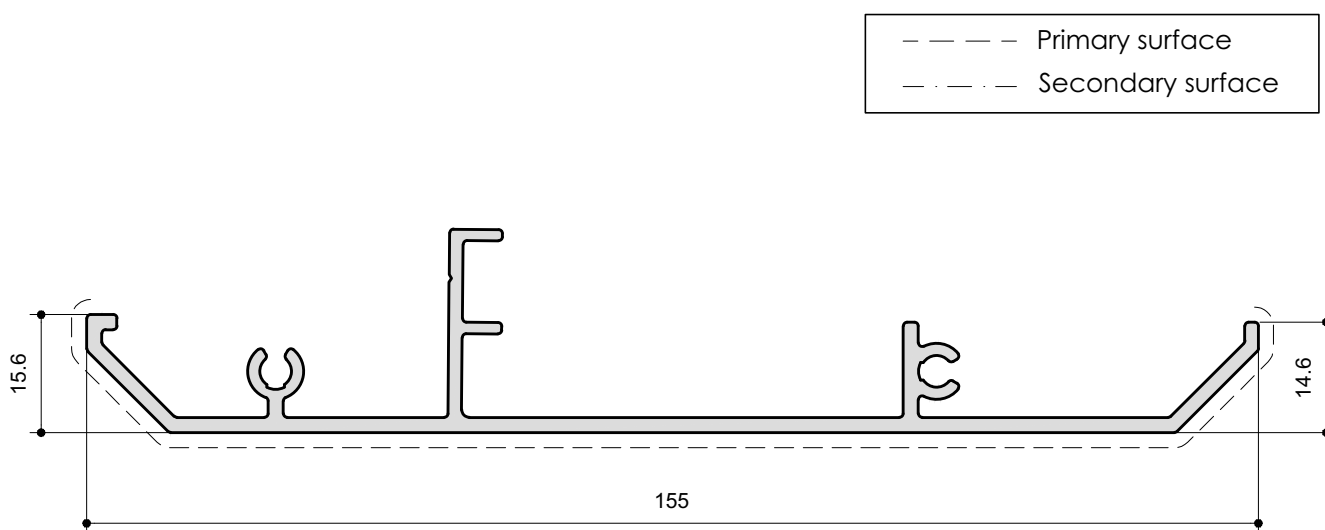


P-98-3016

	260,9	mm		1315,4	mm
I _x	347,84	cm ⁴	W _x	53,55	cm ³
I _y	183,82	cm ⁴	W _y	23,64	cm ³

L [m] 5.35

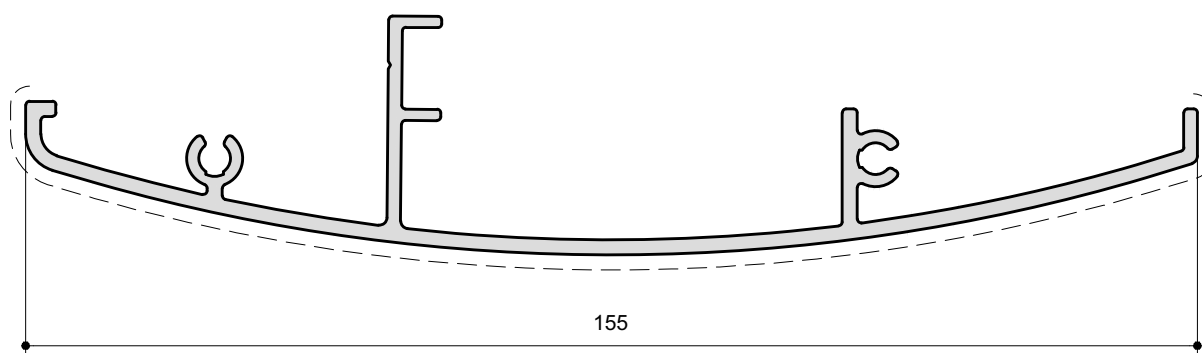
p98



P-98-3017

	185,5	mm		491	mm
I_x	95,35	cm ⁴	W_x	11,60	cm ³
I_y	1,78	cm ⁴	W_y	0,81	cm ³

L [m] 5,35



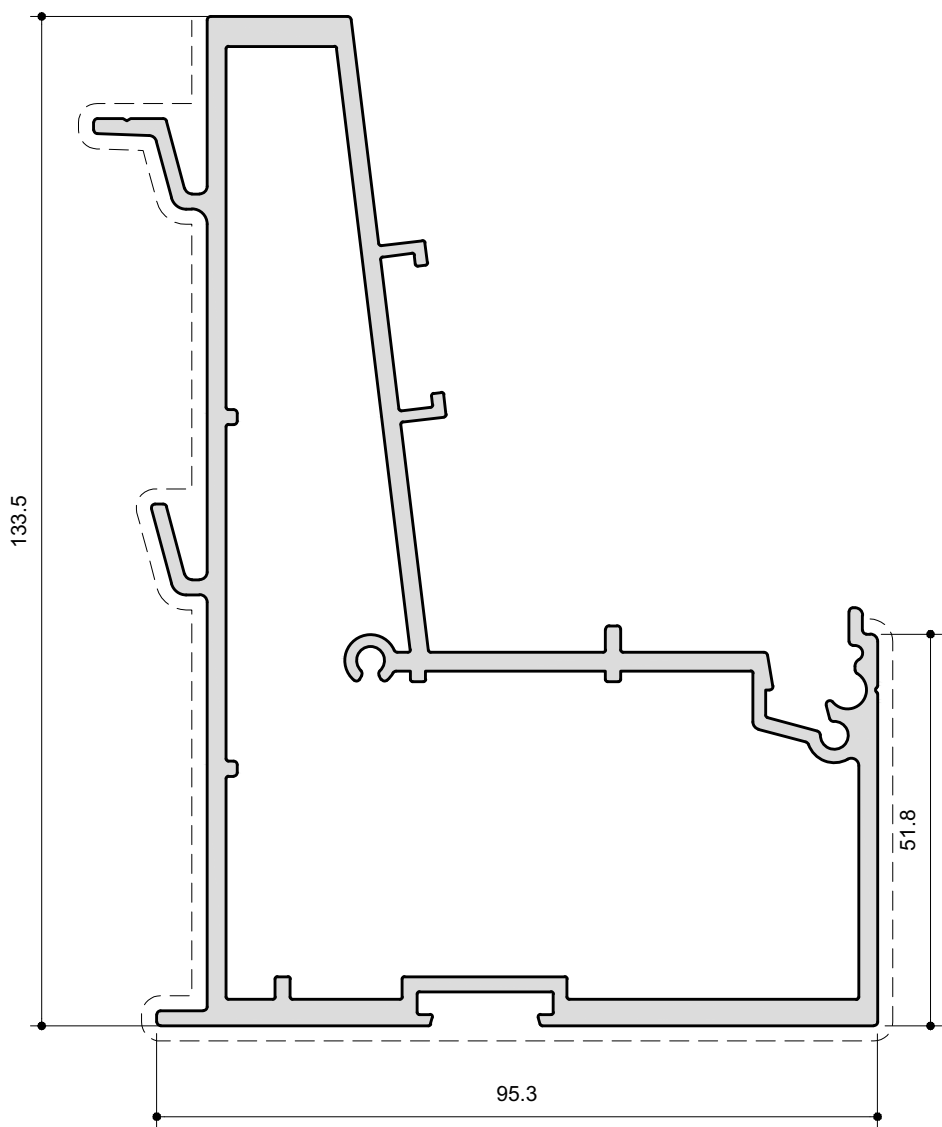
P-98-3018

	184,5	mm		498,2	mm
I_x	94,69	cm ⁴	W_x	11,59	cm ³
I_y	2,38	cm ⁴	W_y	1,04	cm ³

L [m] 5,35



— — — — Primary surface
- - - - - Secondary surface



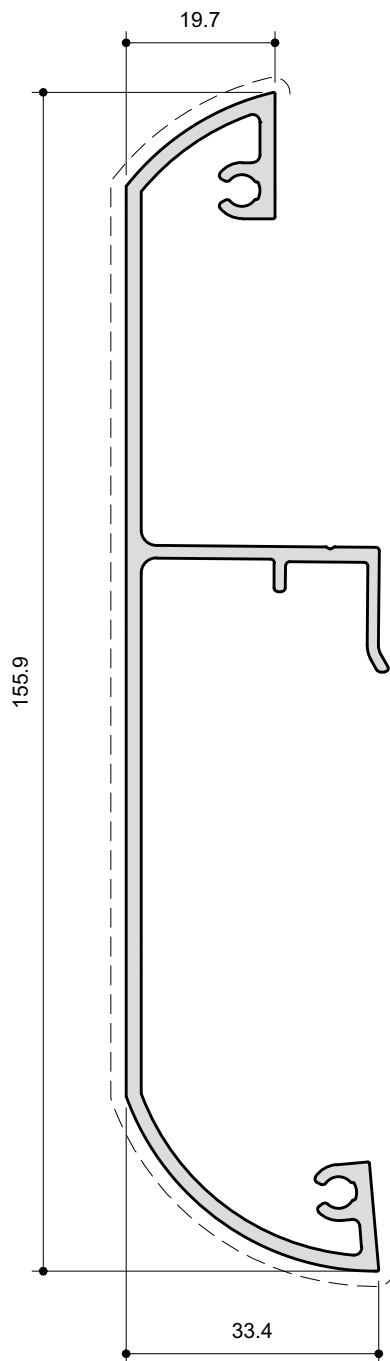
P-98-3019

	329,4	mm		611,6	mm
I _x	247,29	cm ⁴	W _x	30,95	cm ³
I _y	131,66	cm ⁴	W _y	22,79	cm ³

L [m] 5,35



----- Primary surface
- - - - - Secondary surface



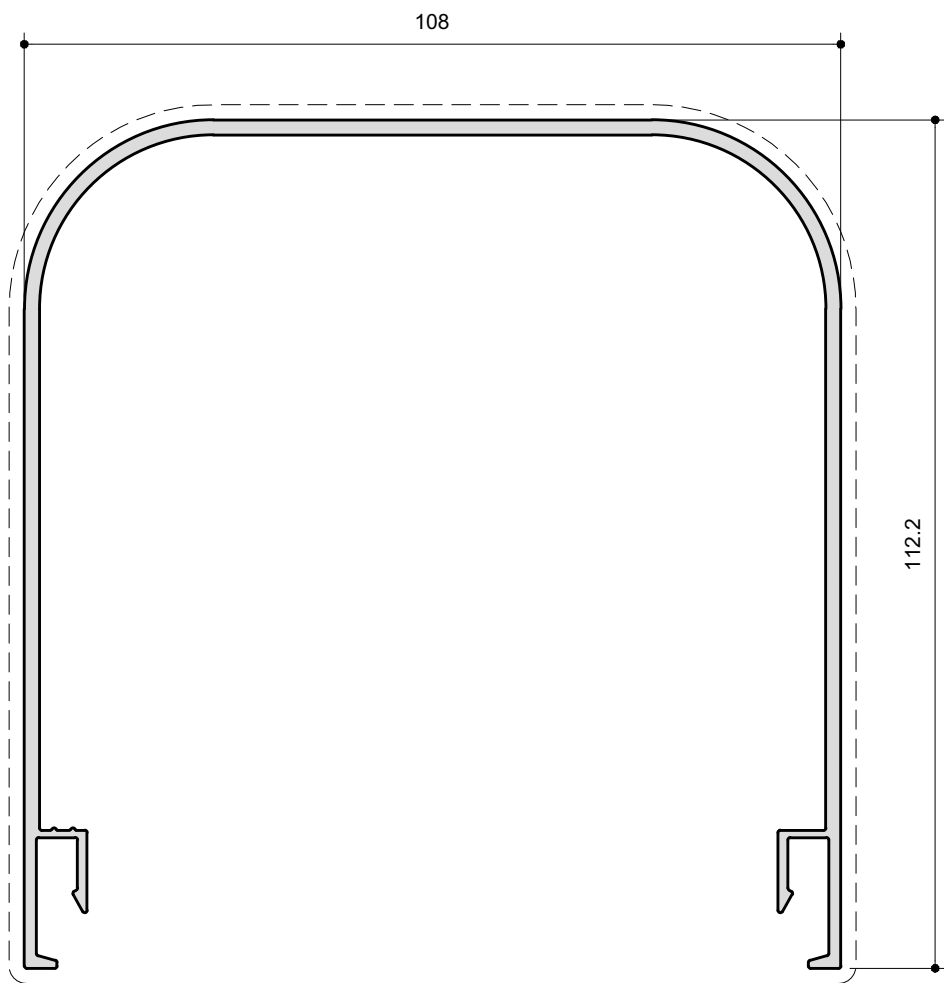
P-98-3098B

	187,7	mm		549,4	mm
I _x	138,95	cm ⁴	W _x	17,74	cm ³
I _y	7,24	cm ⁴	W _y	3,05	cm ³

L [m] 7,2



— — — — Primary surface
- · - · - Secondary surface



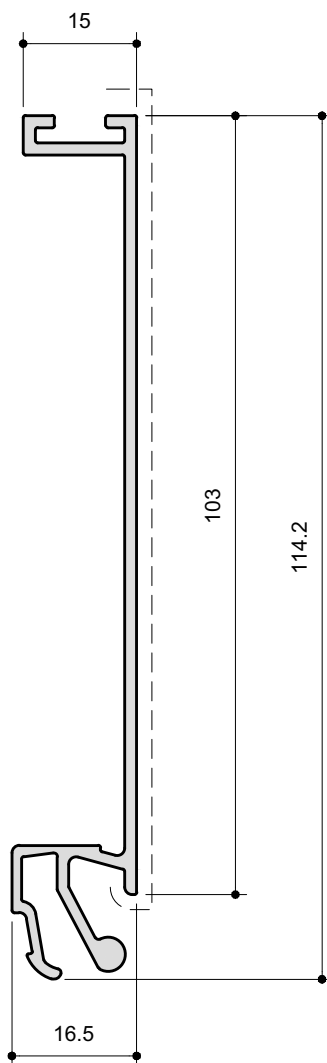
P-98-3099

	323,8	mm		692	mm
I _x	92,90	cm ⁴	W _x	13,68	cm ³
I _y	138,41	cm ⁴	W _y	25,62	cm ³

L [m] 5



— — — — Primary surface
- . - . - . Secondary surface



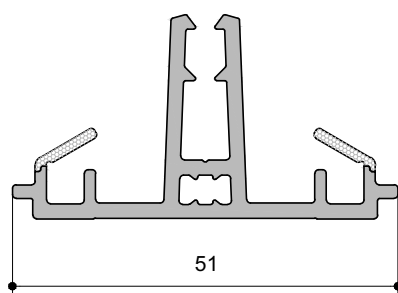
P-98-4003

	121,7	mm		354,5	mm
I_x	43,94	cm ⁴	W_x	7,18	cm ³
I_y	0,74	cm ⁴	W_y	0,61	cm ³

L [m] 7,2

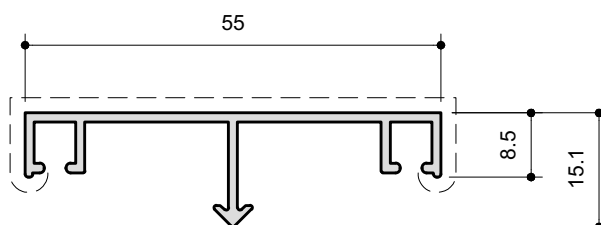


— — — — Primary surface
— · — · — Secondary surface



P-98-8001

L [m] 7



P-98-8694

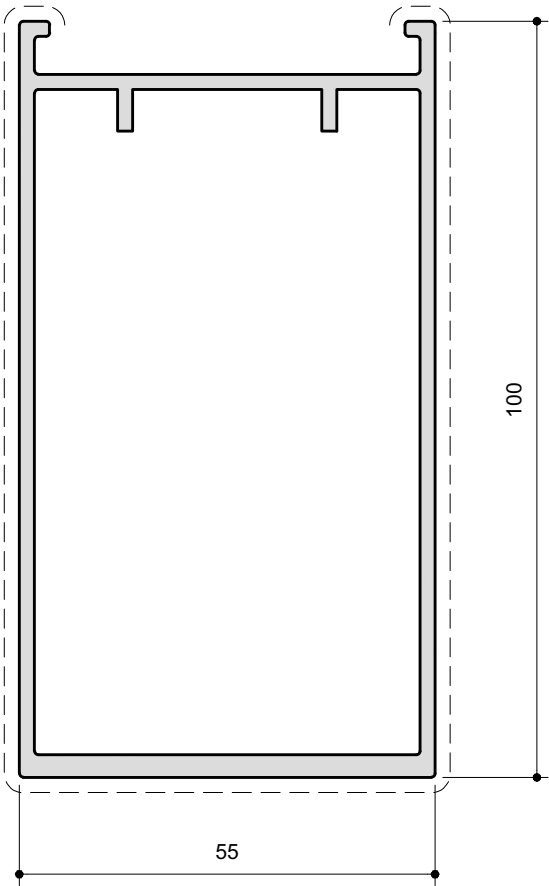
	78	mm		209,8	mm
--	----	----	--	-------	----

L [m] 7



Primary surface

Secondary surface



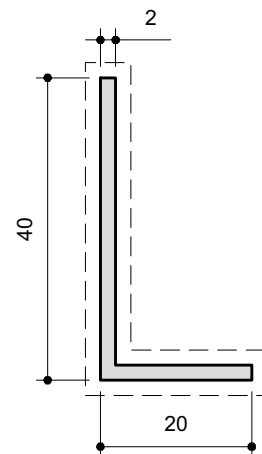
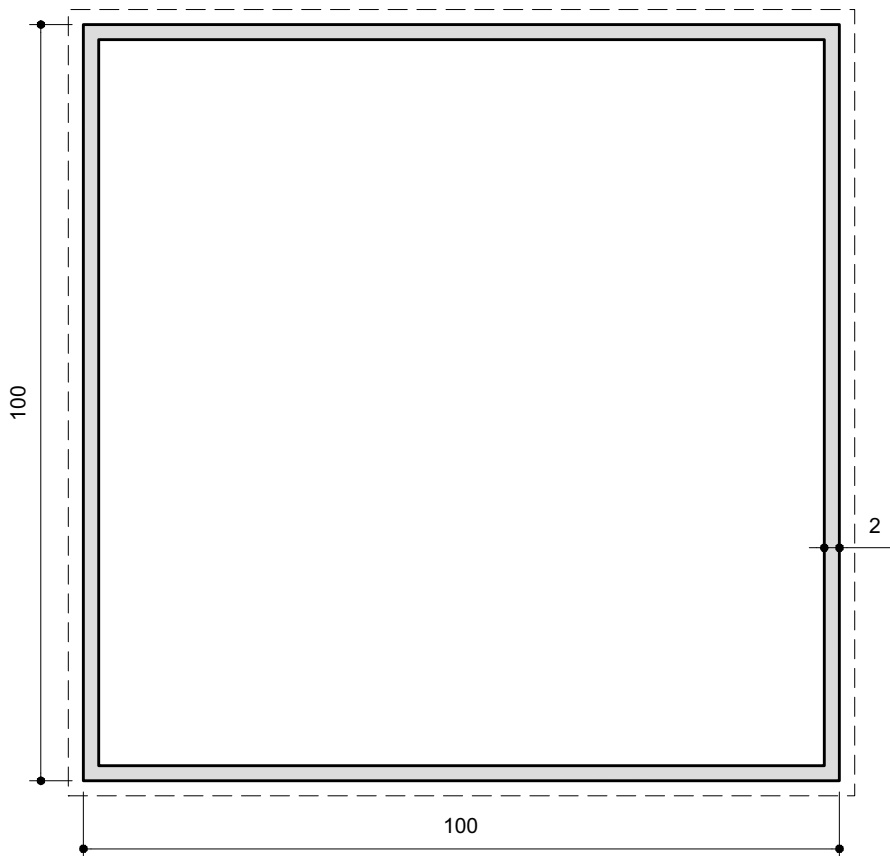
P-98-9693

	274,2	mm		329,4	mm
I _x	85,41	cm ⁴	W _x	16,80	cm ³
I _y	33,52	cm ⁴	W _y	12,38	cm ³

L [m] 5 / 5,8 / 7



---	Primary surface
-.-.-	Secondary surface



P-00-904

	136	mm		209,8	mm
--	-----	----	--	-------	----

L [m] 6

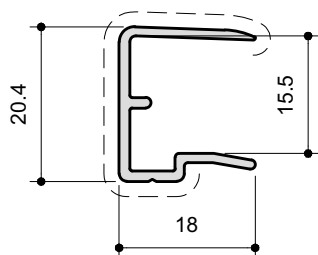
P-00-974

	416	mm		400	mm
Ix	125,54	cm ⁴	Wx	25,10	cm ³
Iy	125,54	cm ⁴	Wy	25,10	cm ³

L [m] 6

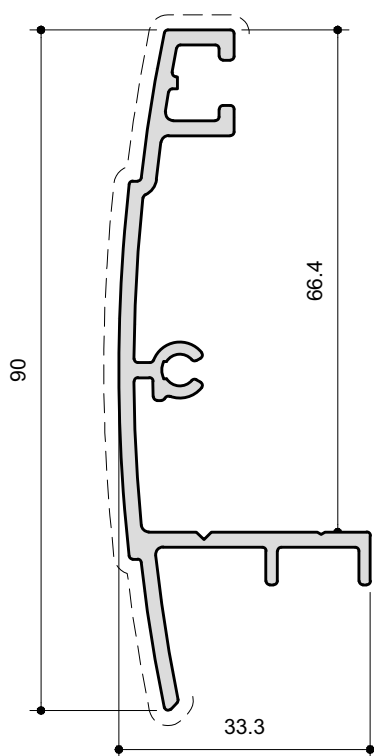


---	Primary surface
-.-.-	Secondary surface



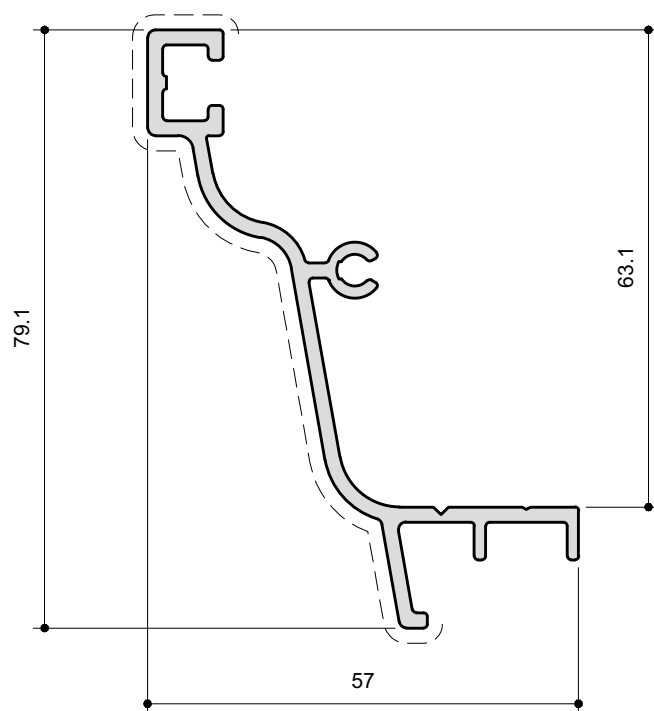
P-10-016

L [m] 7



P-10-250

L [m] 6,05 / 7,2

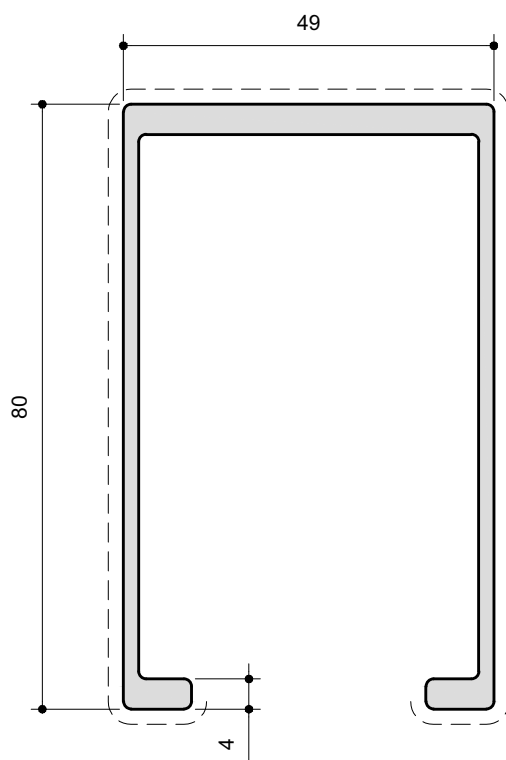


P-10-251

L [m] 6,05 / 7 / 7,2



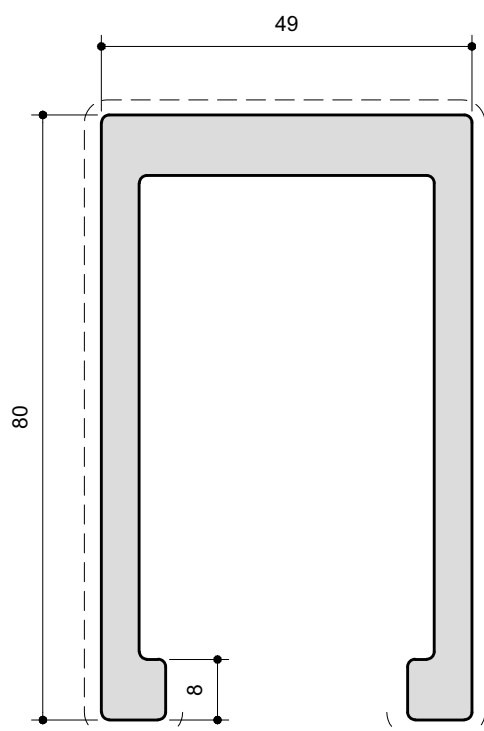
— — — —	Primary surface
- - - - -	Secondary surface



N98909

	226,4	mm		432,8	mm
I_x	46,97	cm ⁴	W_x	9,67	cm ³
I_y	22,73	cm ⁴	W_y	9,27	cm ³

L [m] 4,3 / 7



N98910

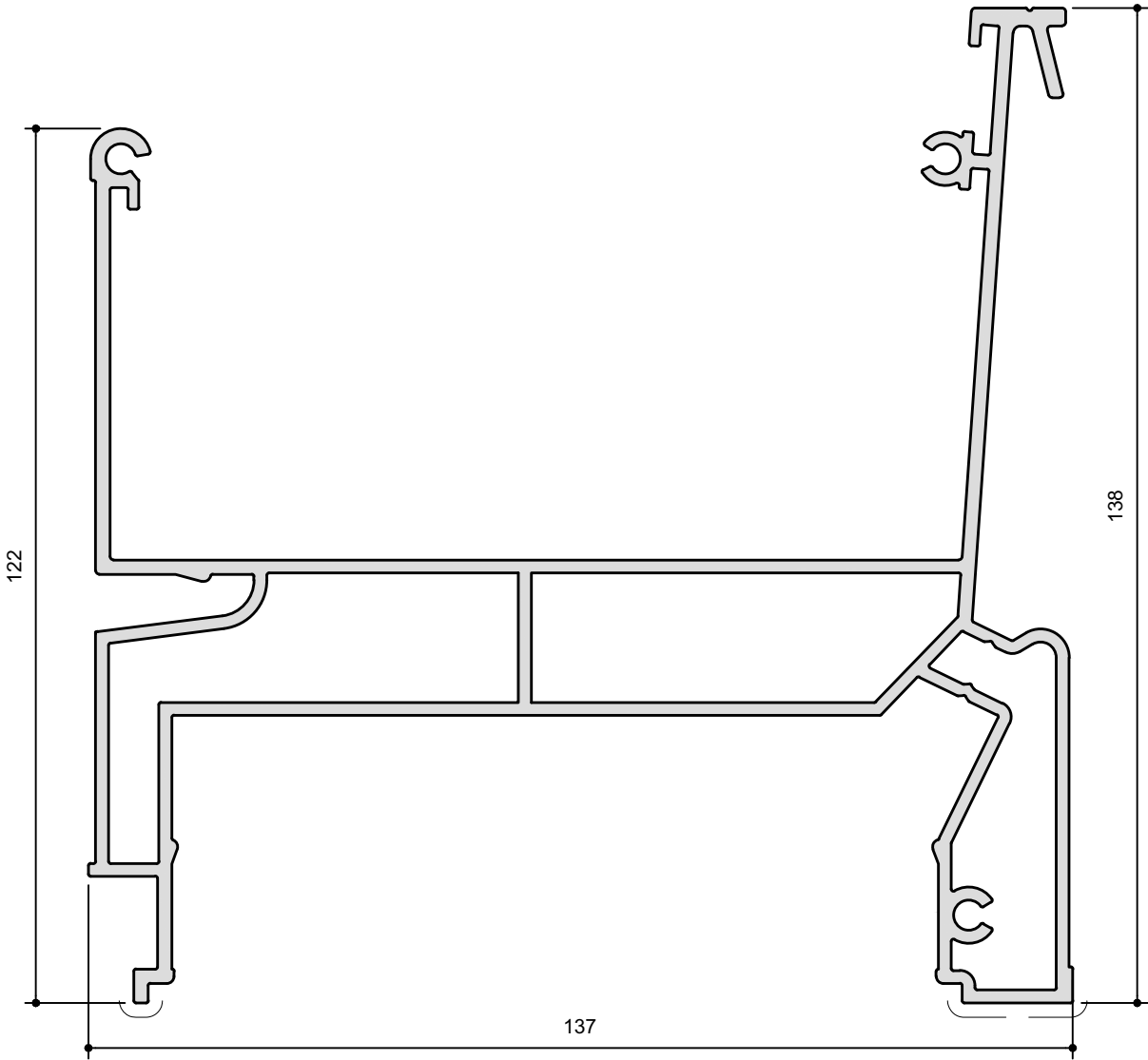
	226,4	mm		410,8	mm
I_x	83,06	cm ⁴	W_x	17,33	cm ³
I_y	44,57	cm ⁴	W_y	18,19	cm ³

L [m] 4,75 / 7



Primary surface

Secondary surface



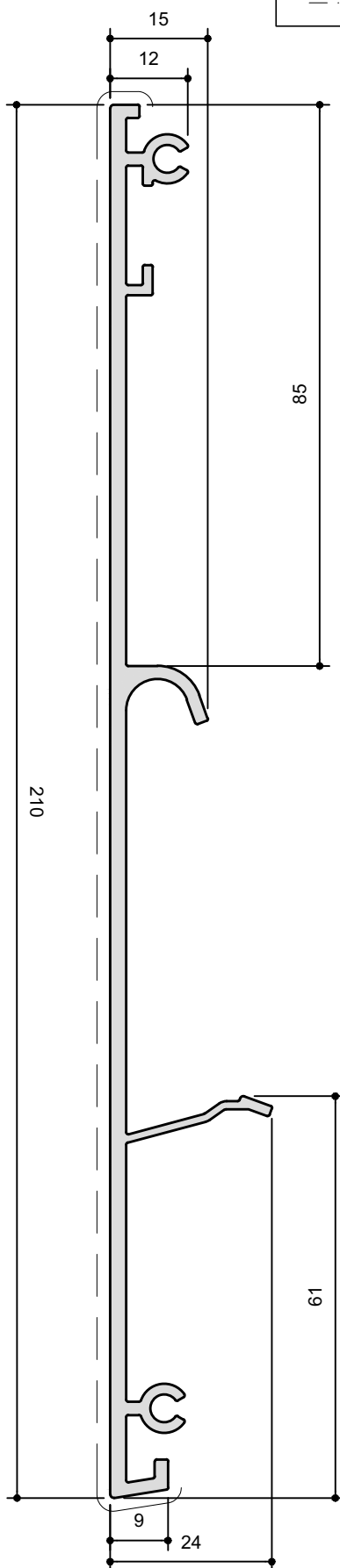
N98952

	40,0	mm		917,0	mm
I _x	168,1	cm ⁴	W _x	21,0	cm ³
I _y	366,6	cm ⁴	W _y	50,1	cm ³

L [m] 6,05 / 7,2



— — — — Primary surface
- - - - - Secondary surface



N98953

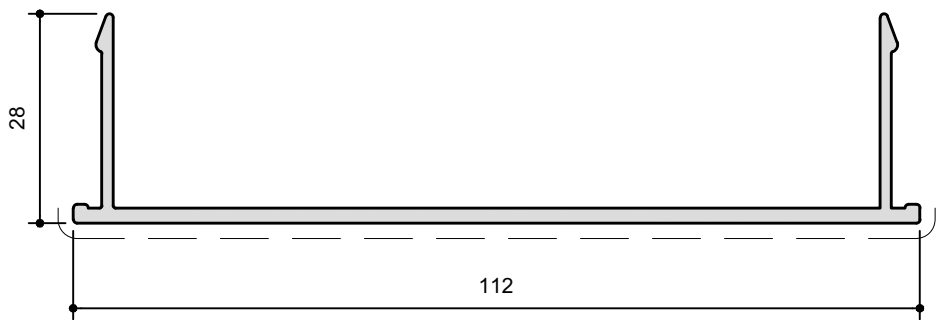
	222,0	mm		602,0	mm
ix	384,12	cm ⁴	Wx	44,10	cm ³
ly	53,32	cm ⁴	Wy	8,61	cm ³

L [m] 6,05 / 7,2

p98
20241204



----	Primary surface
----	Secondary surface



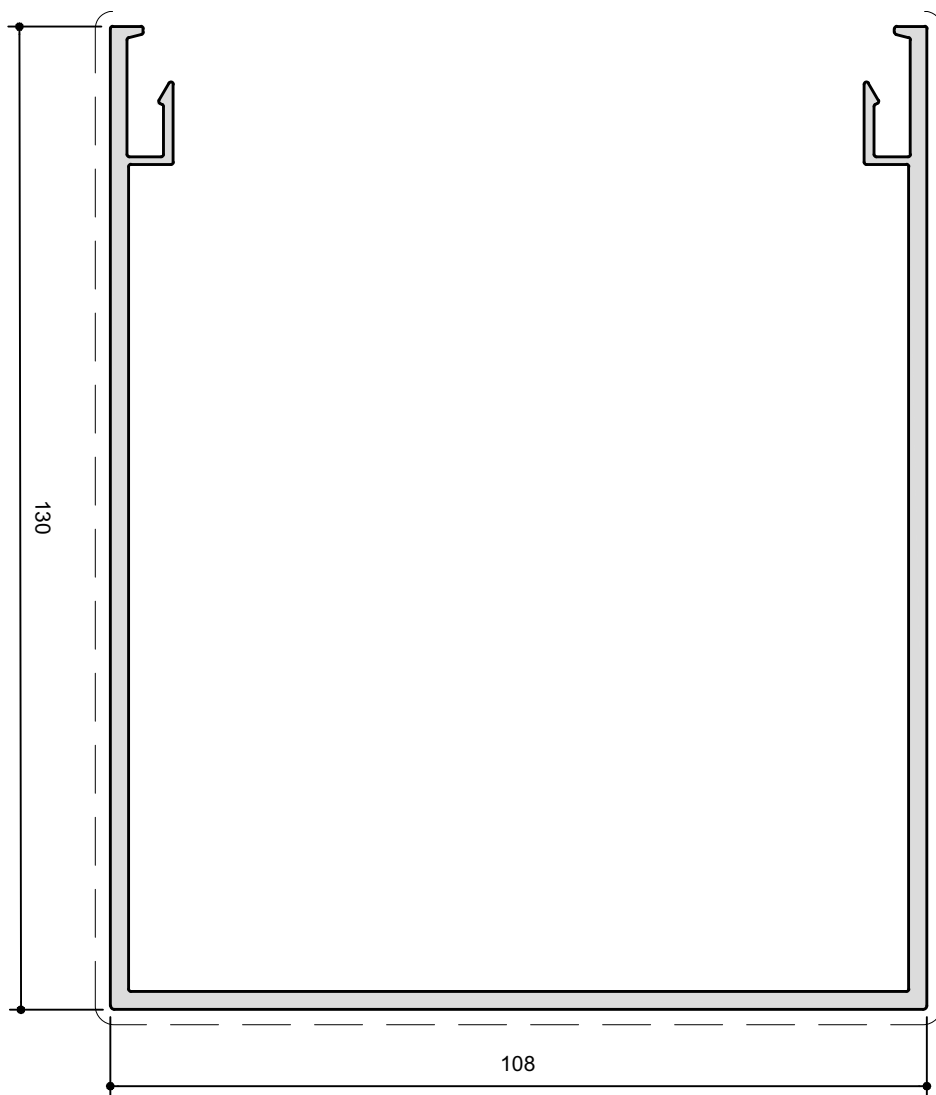
N98954

	117,0	mm		330,5	mm
I _x	1,6	cm ⁴	W _x	0,7	cm ³
I _y	44,9	cm ⁴	W _y	8,0	cm ³

L [m] 6,05 / 7,2



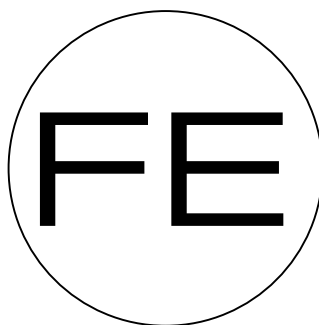
— — — —	Primary surface
- - - - -	Secondary surface



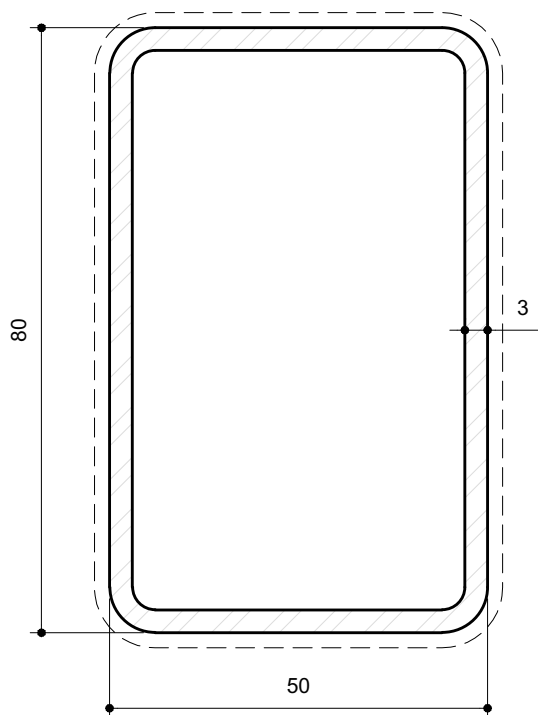
N98955

	368,0	mm		799,0	mm
I _x	177,0	cm ⁴	W _x	22,0	cm ³
I _y	203,8	cm ⁴	W _y	37,7	cm ³

L [m] 5



----- Primary surface
- - - - - Secondary surface



P-FE-003

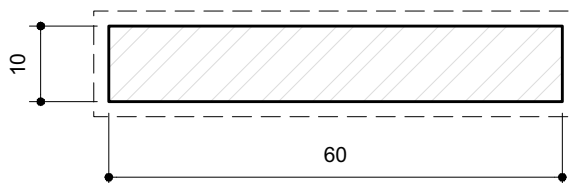
	262,3	mm		249,7	mm
I_x	61,15	cm ⁴	W_x	15,29	cm ³
I_y	29,42	cm ⁴	W_y	11,77	cm ³

L [m] 6

x3

I_x	183,45	cm ⁴	W_x	45,78	cm ³
I_y	88,26	cm ⁴	W_y	35,31	cm ³

L [m]



P-FE-006

	156	mm		140	mm
I_x	0,5	cm ⁴	W_x	1	cm ³
I_y	18	cm ⁴	W_y	6	cm ³

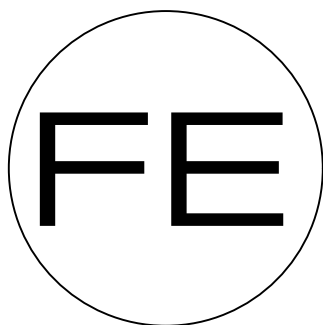
L [m] 6

x3

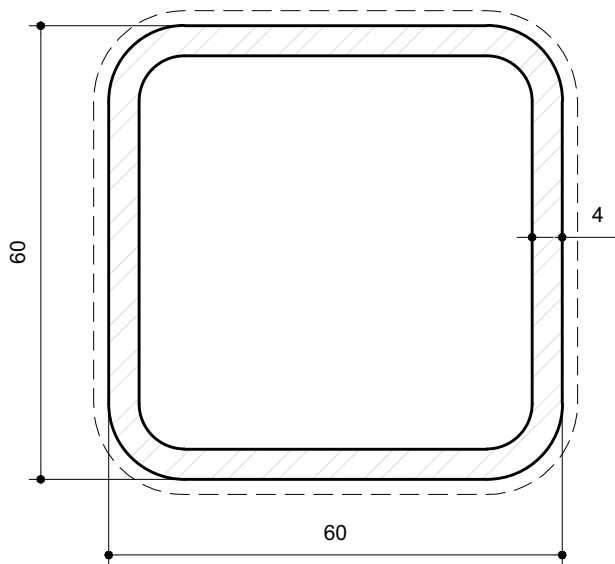
I_x	1,5	cm ⁴	W_x	3	cm ³
I_y	54	cm ⁴	W_y	9	cm ³

L [m]

p98



— — — —	Primary surface
- - - - -	Secondary surface



P-FE-009

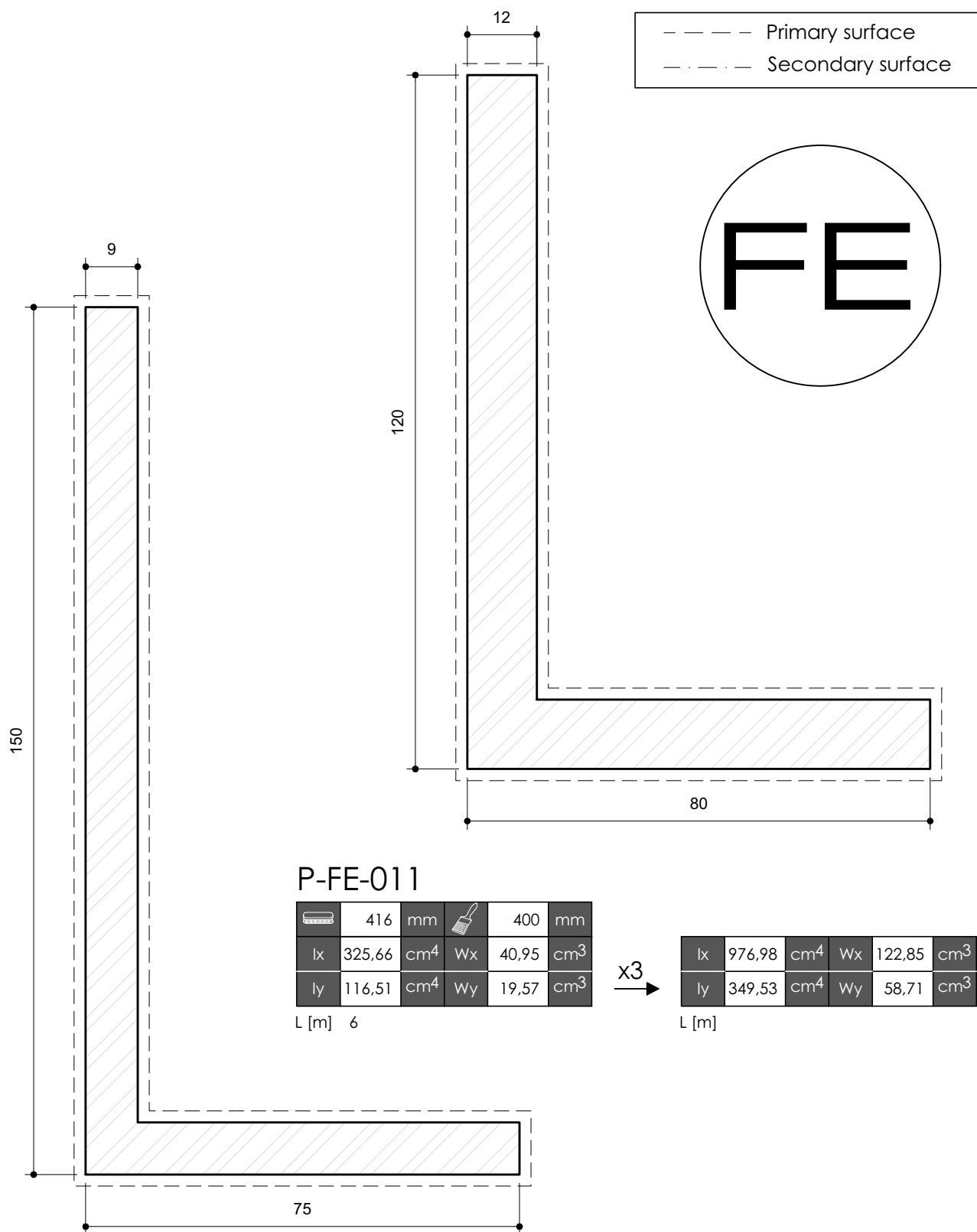
	235,4	mm		222,8	mm
I _x	42,3	cm ⁴	W _x	14,1	cm ³
I _y	42,3	cm ⁴	W _y	14,1	cm ³

L [m] 6

x3

I _x	126,9	cm ⁴	W _x	42,3	cm ³
I _y	126,9	cm ⁴	W _y	42,3	cm ³

L [m]



P-FE-010

	466	mm		450	mm
I_x	458,54	cm ⁴	W_x	47,49	cm ³
I_y	80,48	cm ⁴	W_y	13,63	cm ³

L [m] 6

x3

I_x	1375,62	cm ⁴	W_x	142,47	cm ³
I_y	241,44	cm ⁴	W_y	40,89	cm ³

L [m]

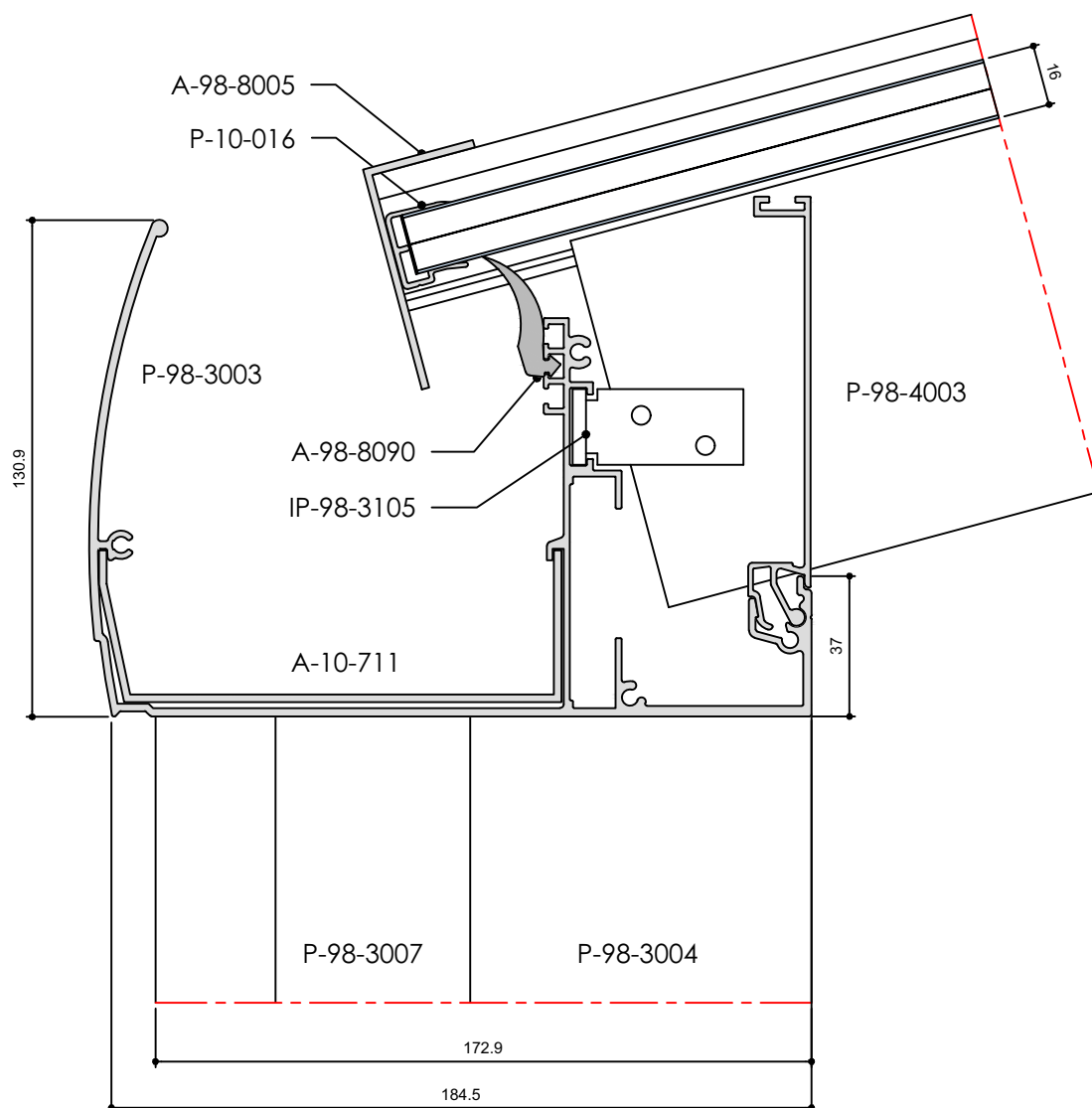
p98



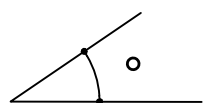


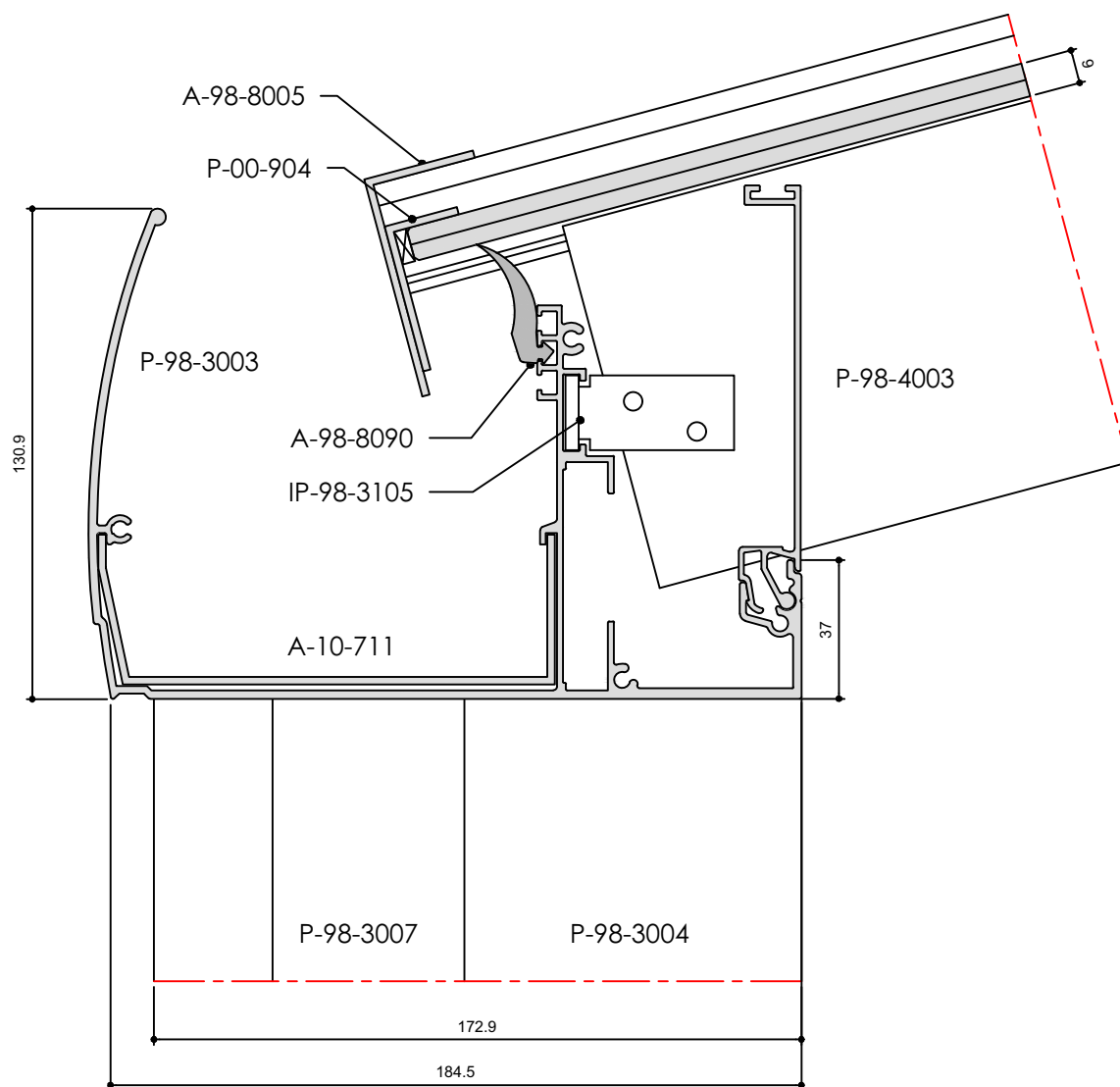
3 WERKTEKENINGEN

► 150 SL

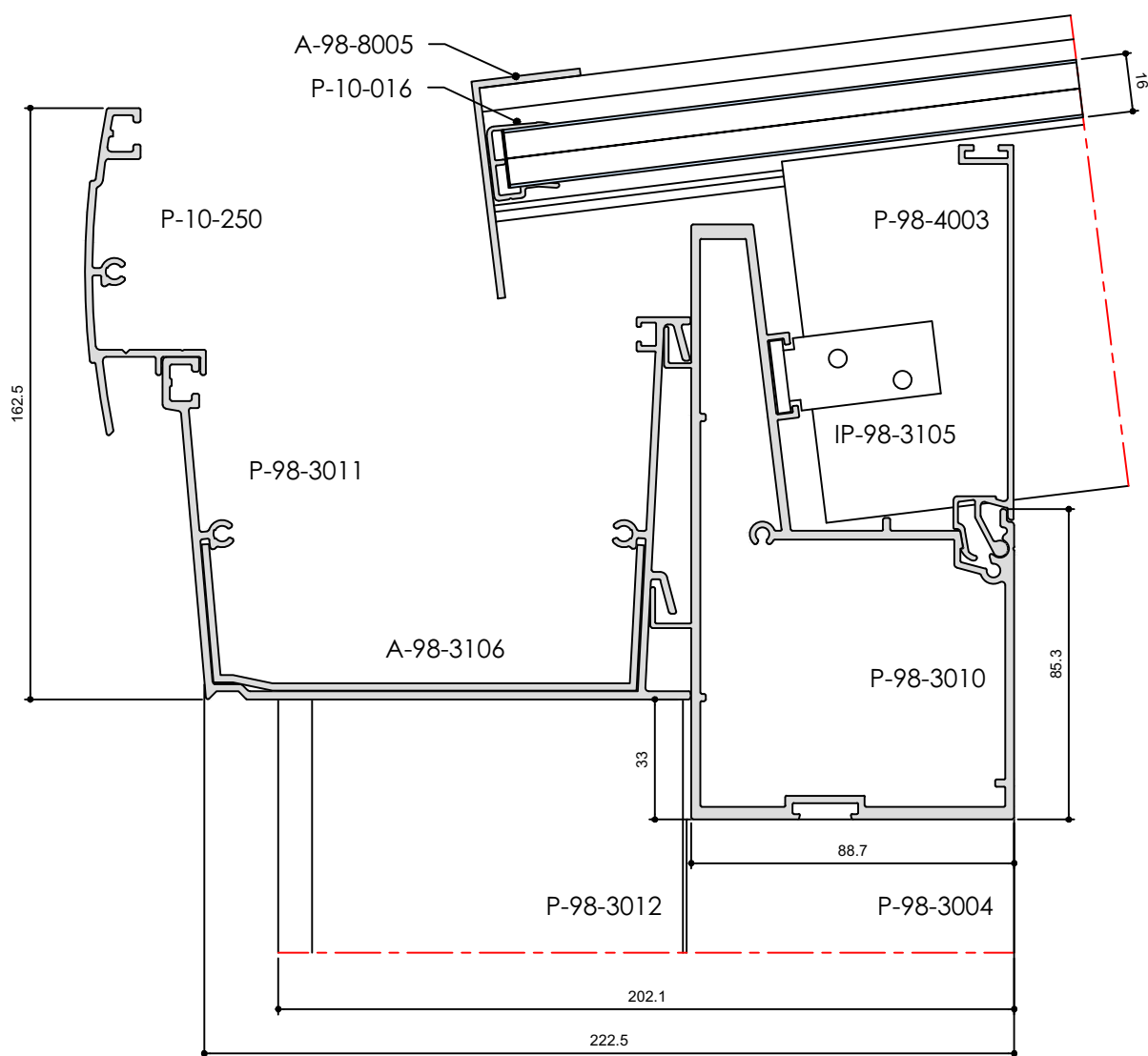
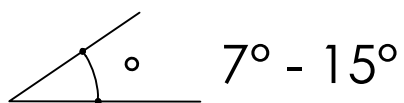


► 150 SL

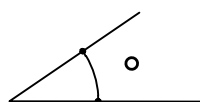
 7° - 22.5°

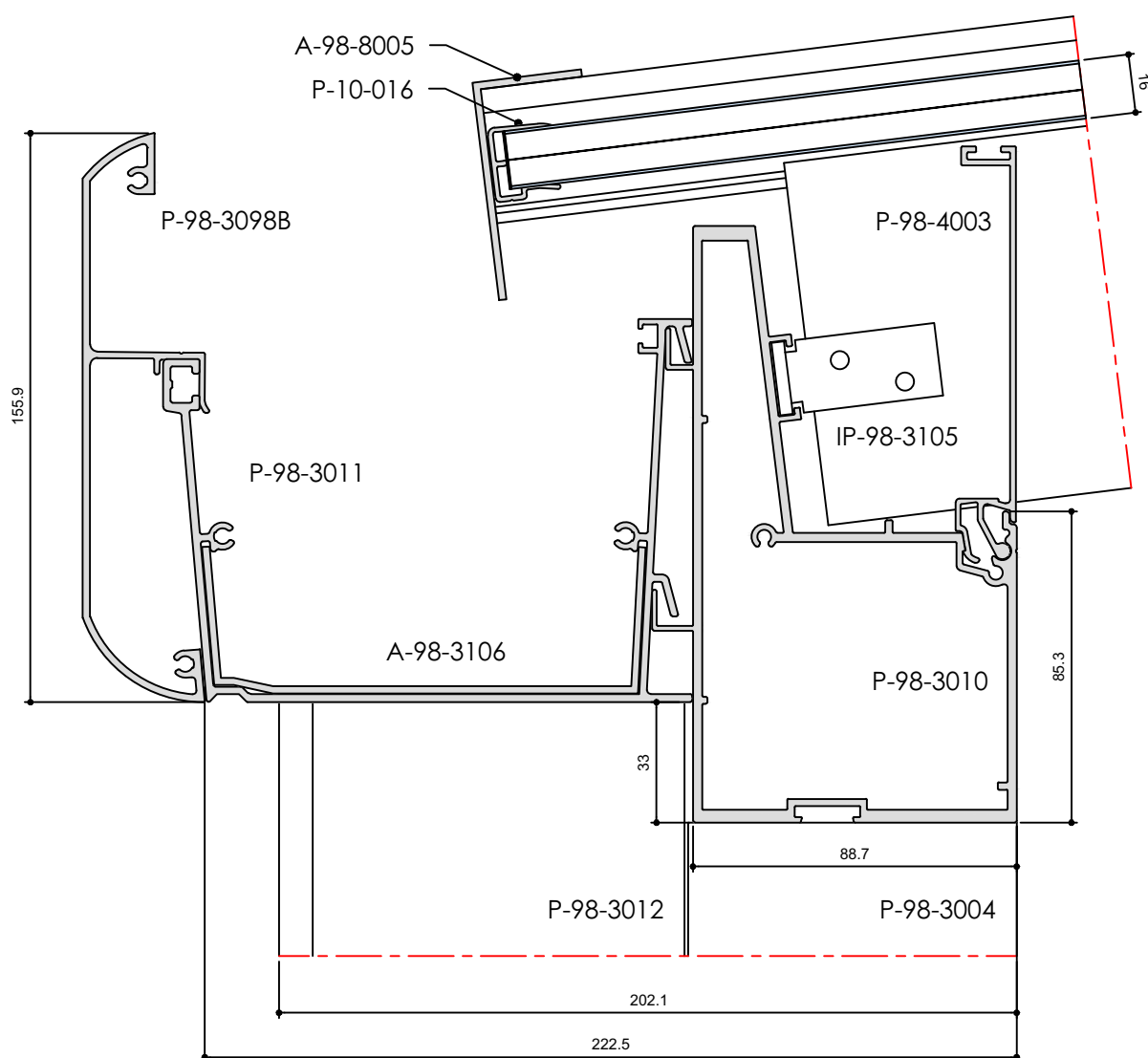


► XL

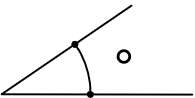


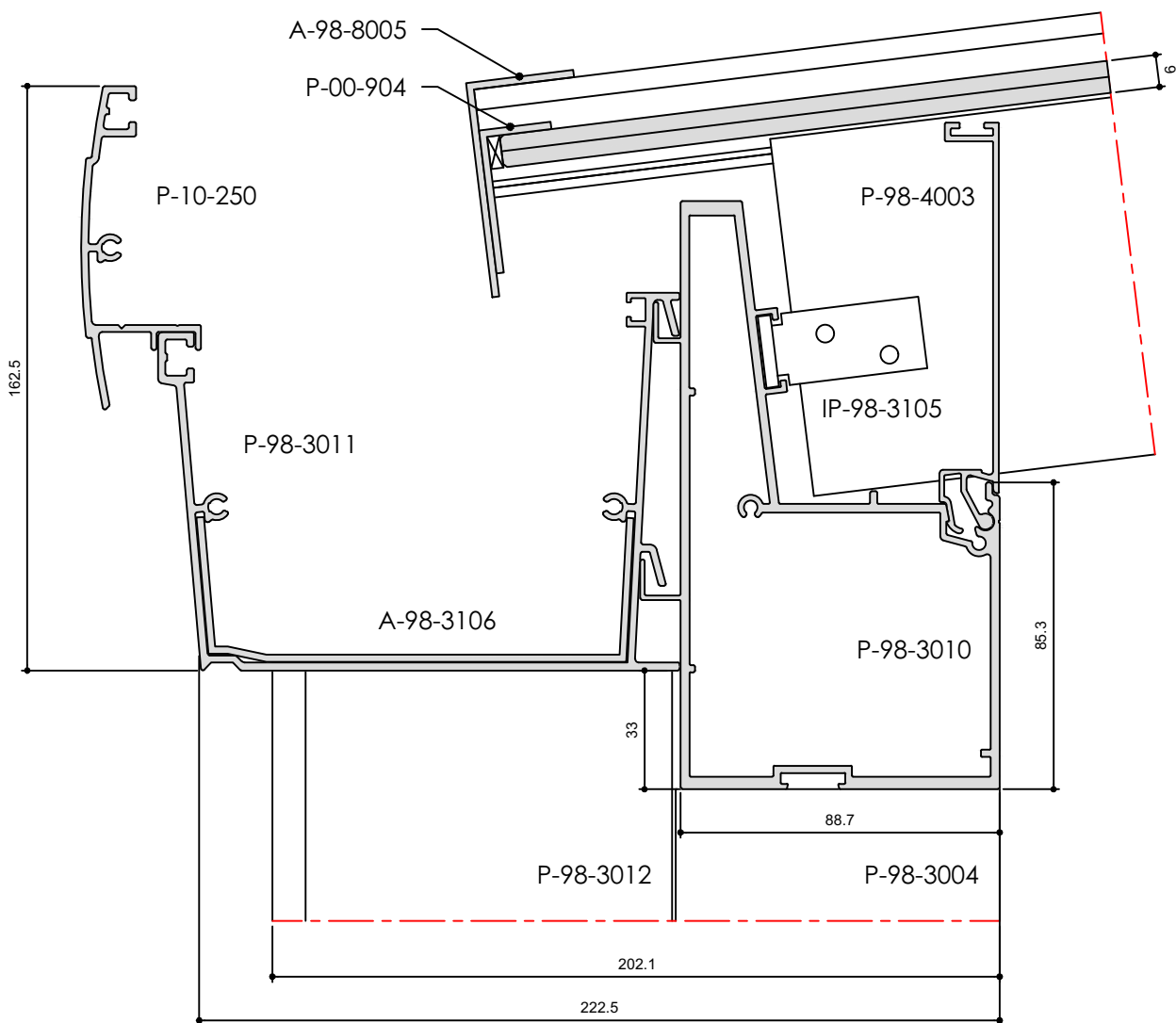
► XL

 7° - 15°



► XL

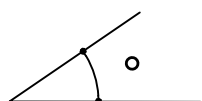
 7° - 15°

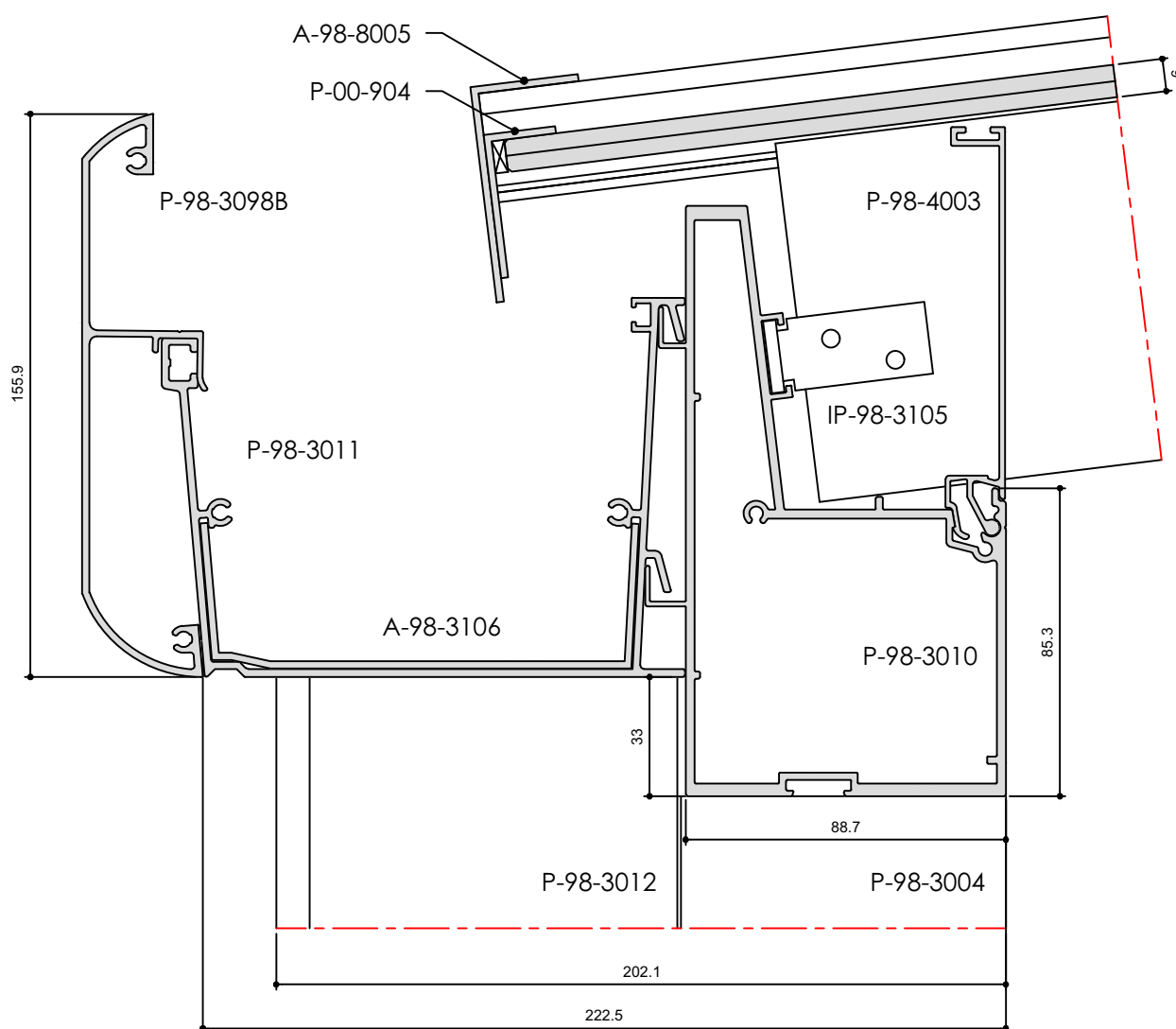


detail helios

► TYPICAL DETAIL / DOORSNEDEN / COUPES

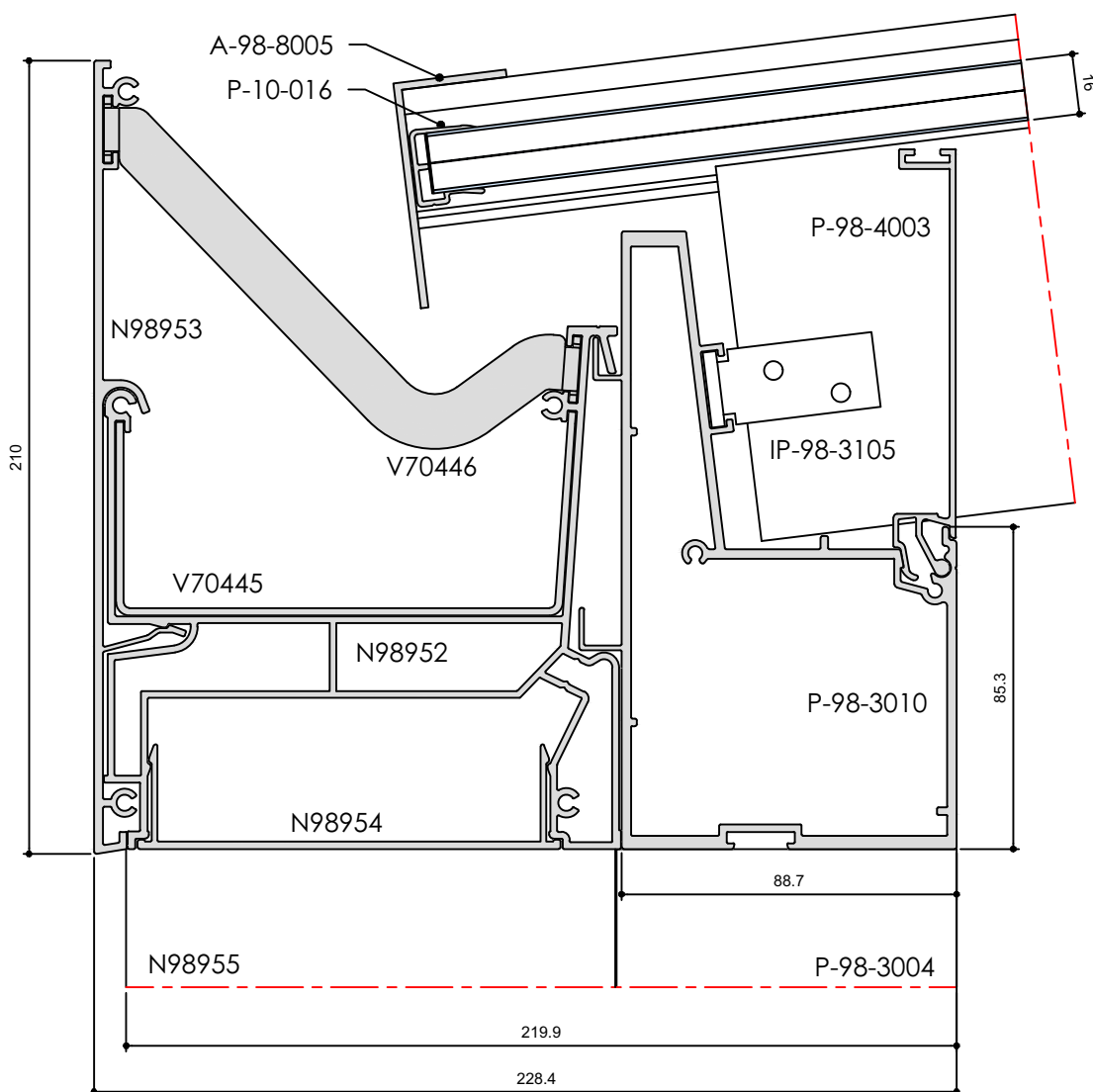
► XL

 $7^{\circ} - 15^{\circ}$



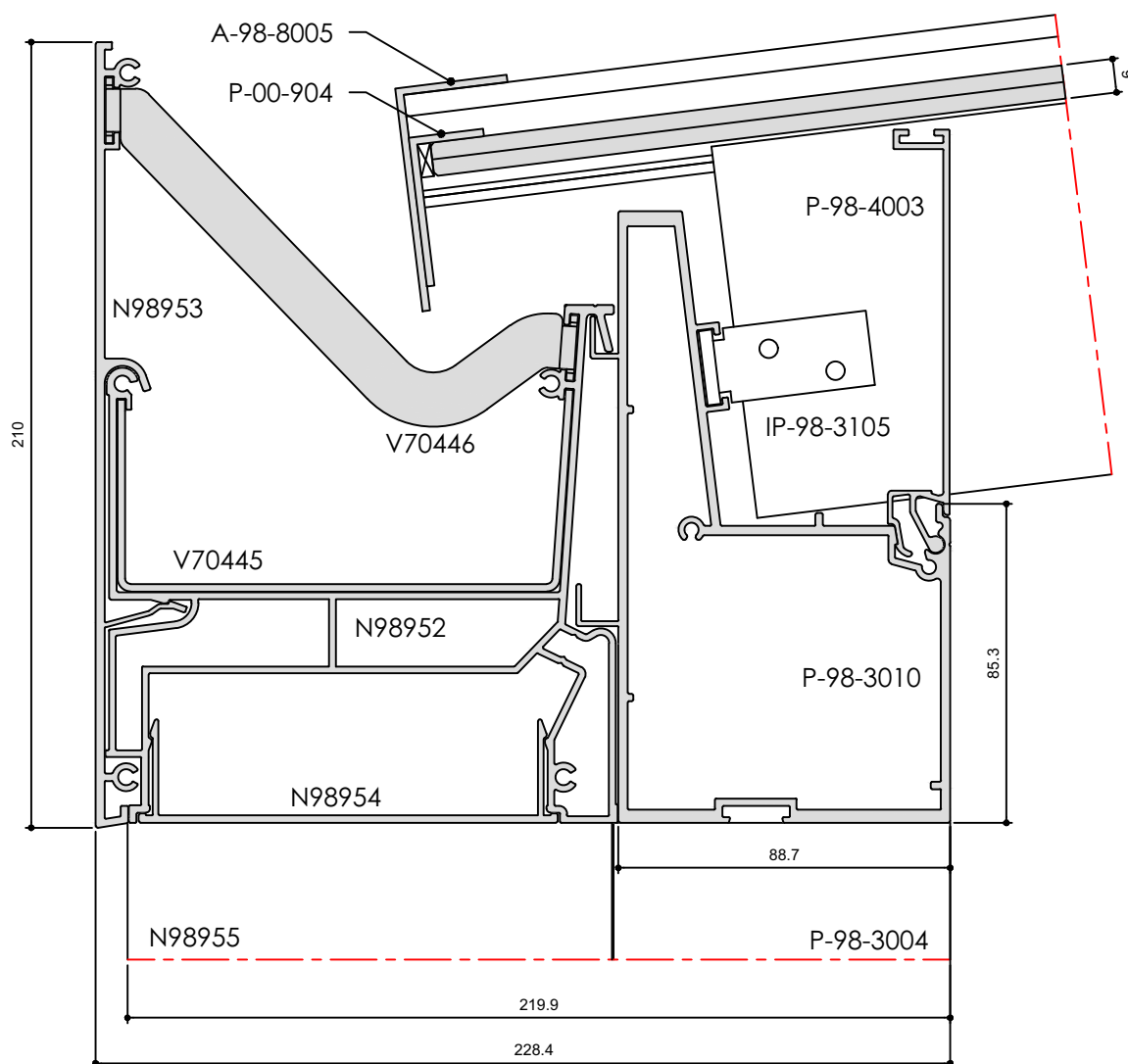
detail helios

► XLR

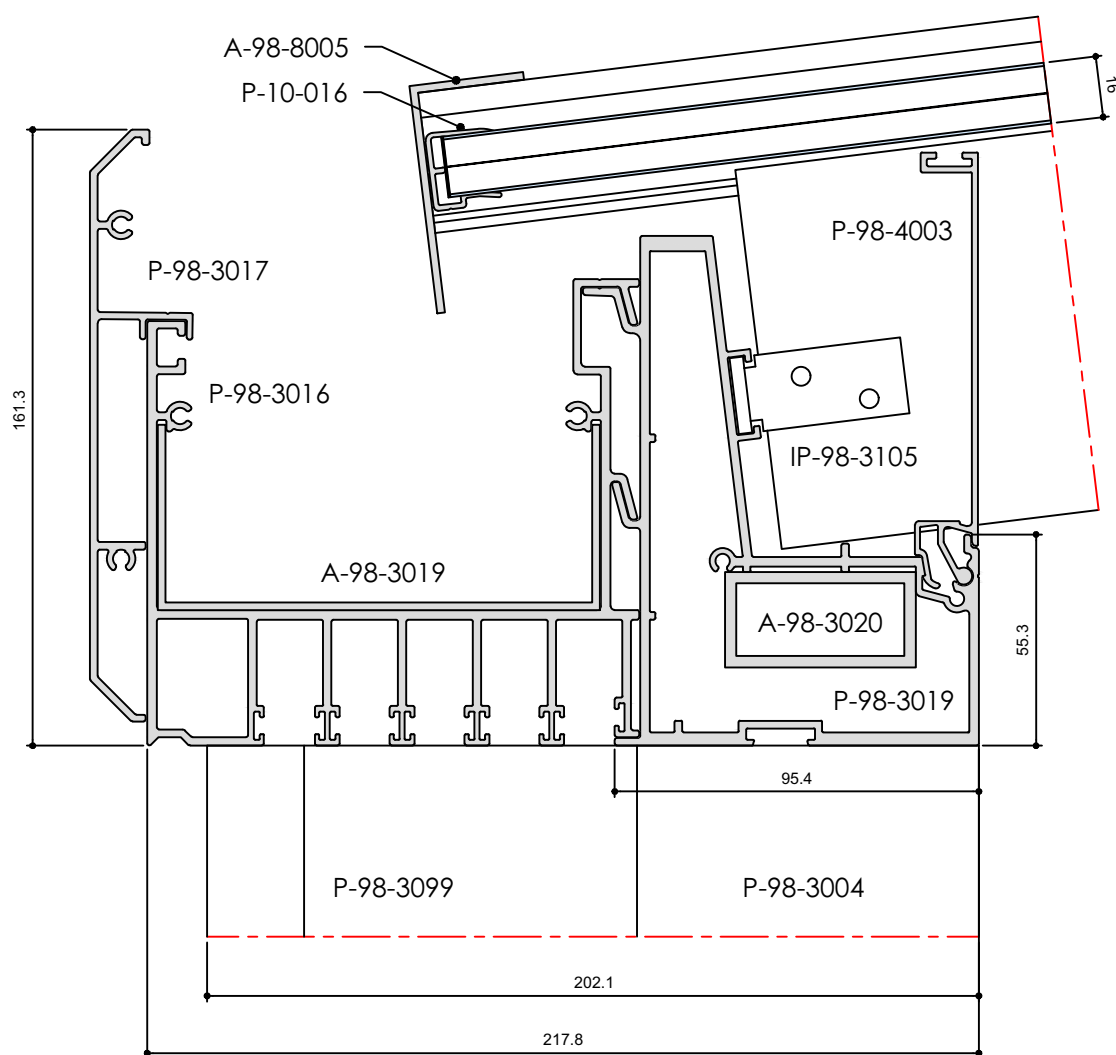
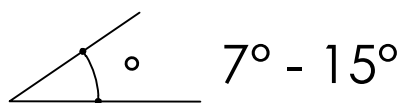


► XLR

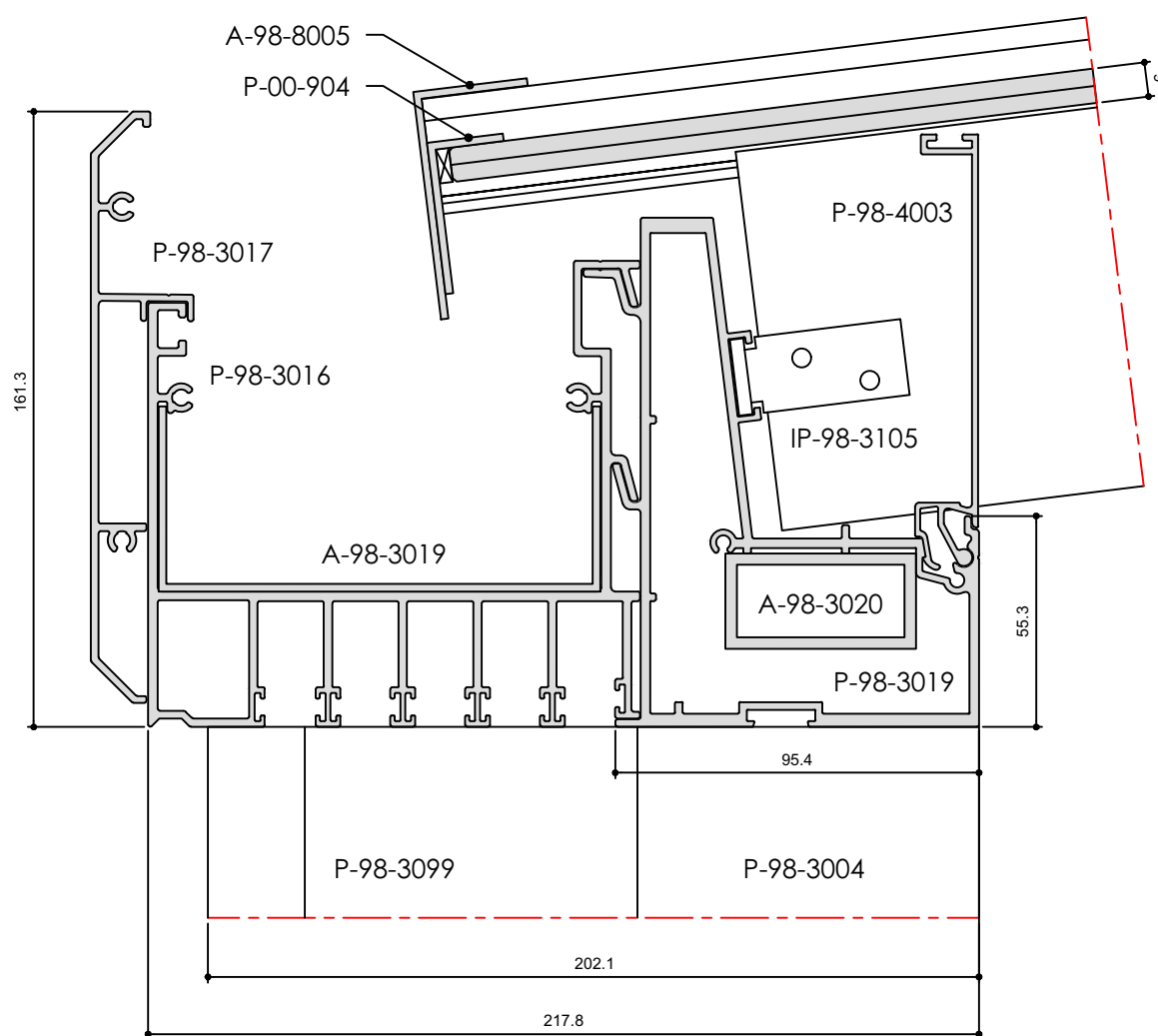
◦ 7° - 15°



► XL AVENTA

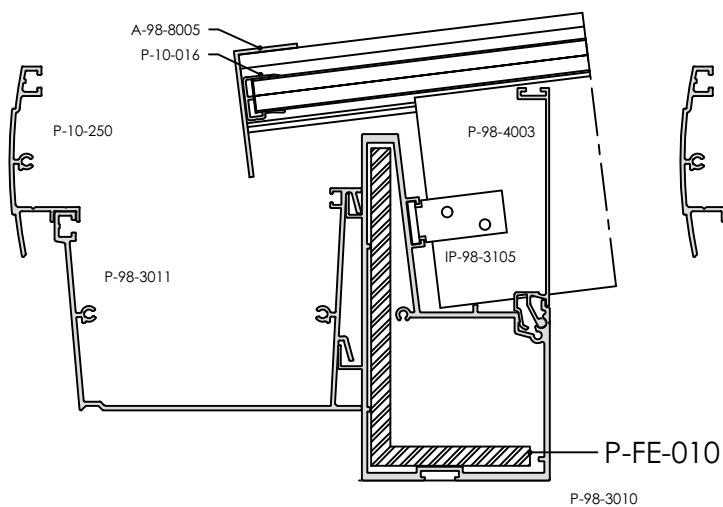


► XL AVENTA

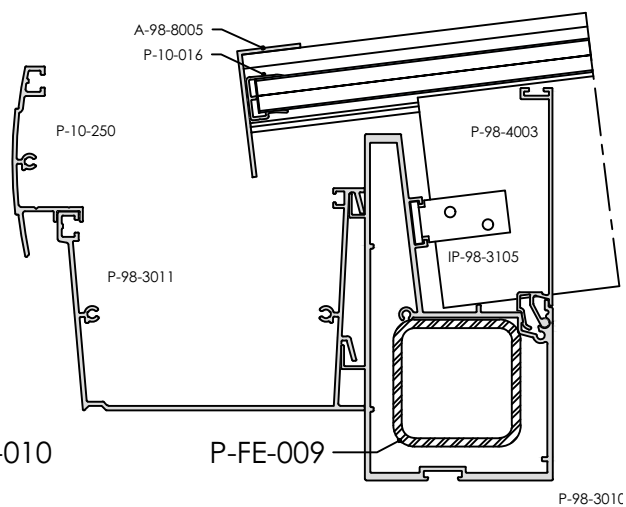


➤ TYPICAL DETAIL / DOORSNEDEN / COUPES

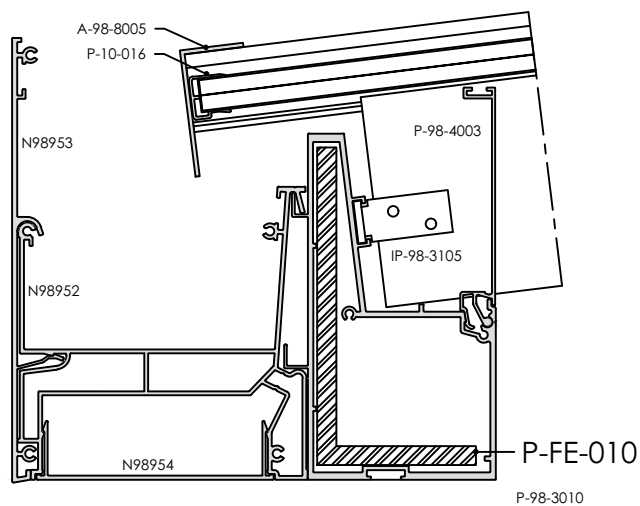
➤ XL



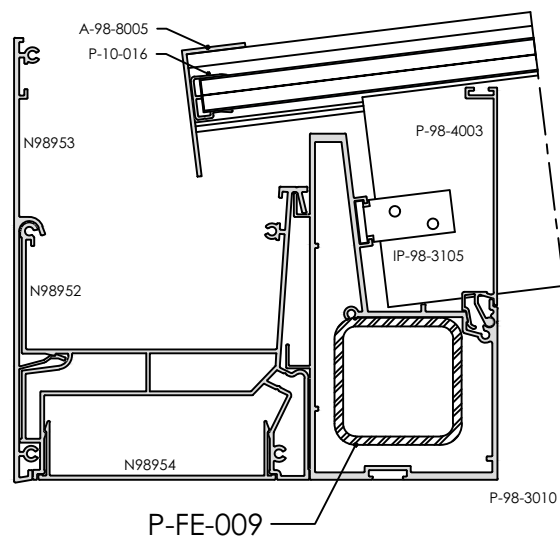
➤ XL



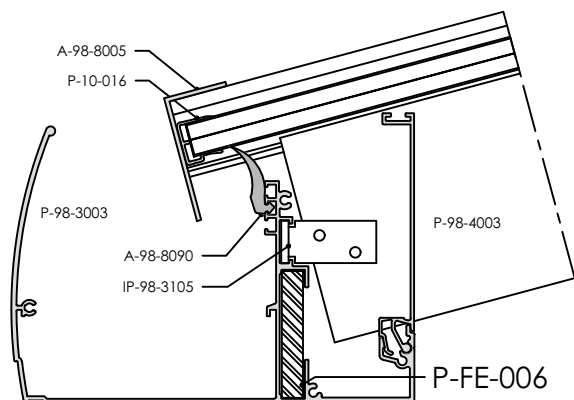
➤ XLR



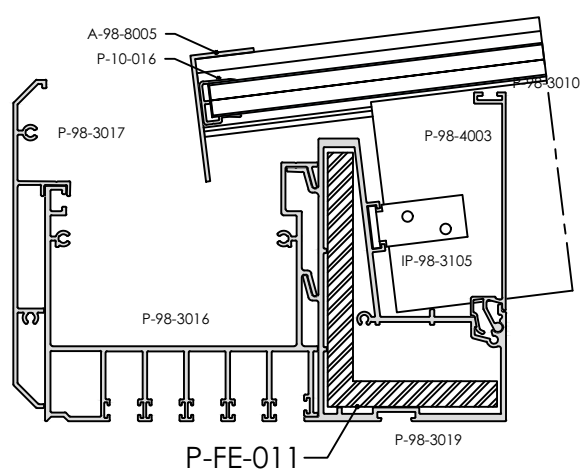
➤ XLR



➤ 150 SL



➤ XL AVENTA



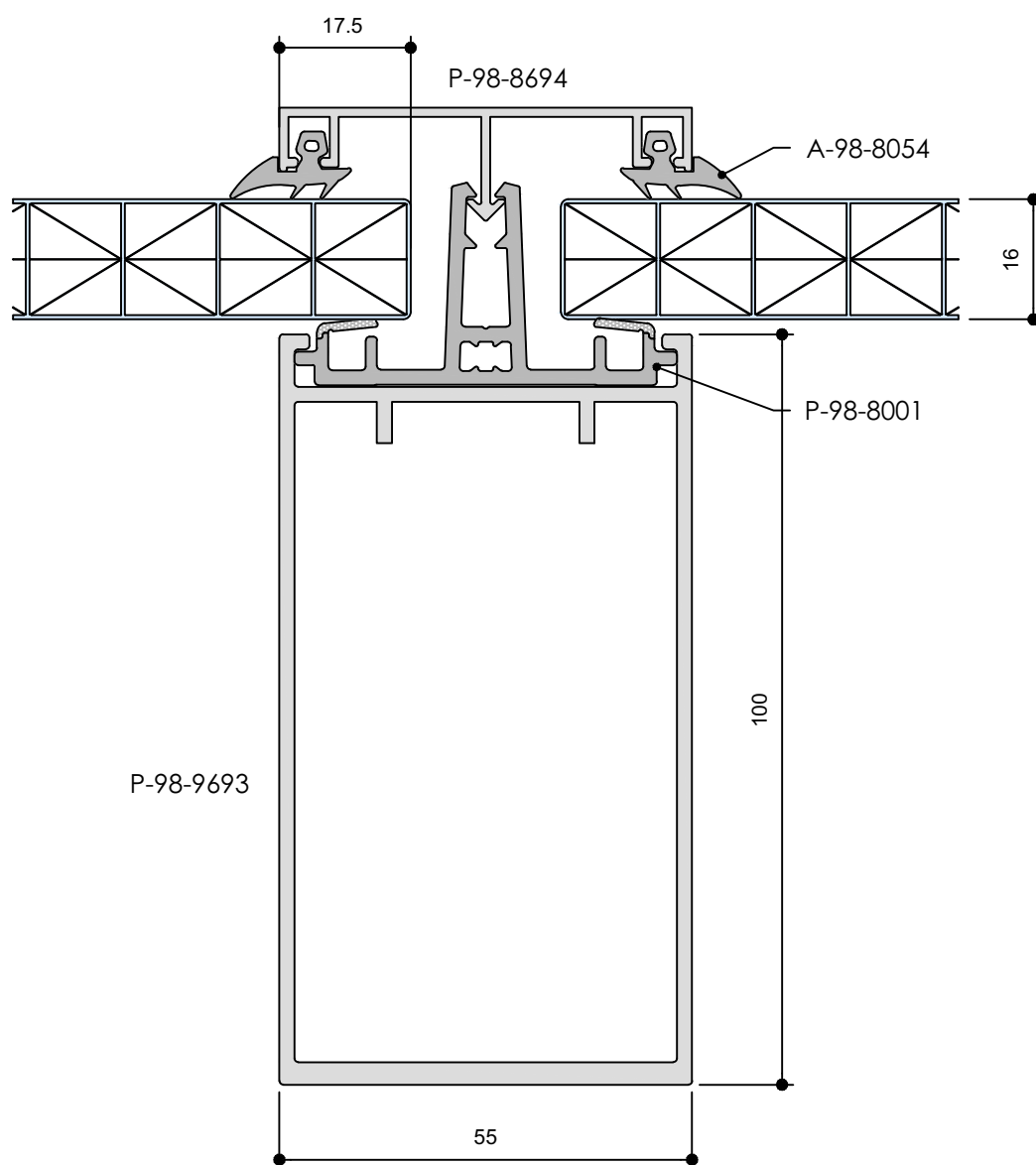
► TYPICAL DETAIL / DOORSNEDEN / COUPES

► 150 SL

► XL

► XLR

► XL AVENTA



detail helios 2

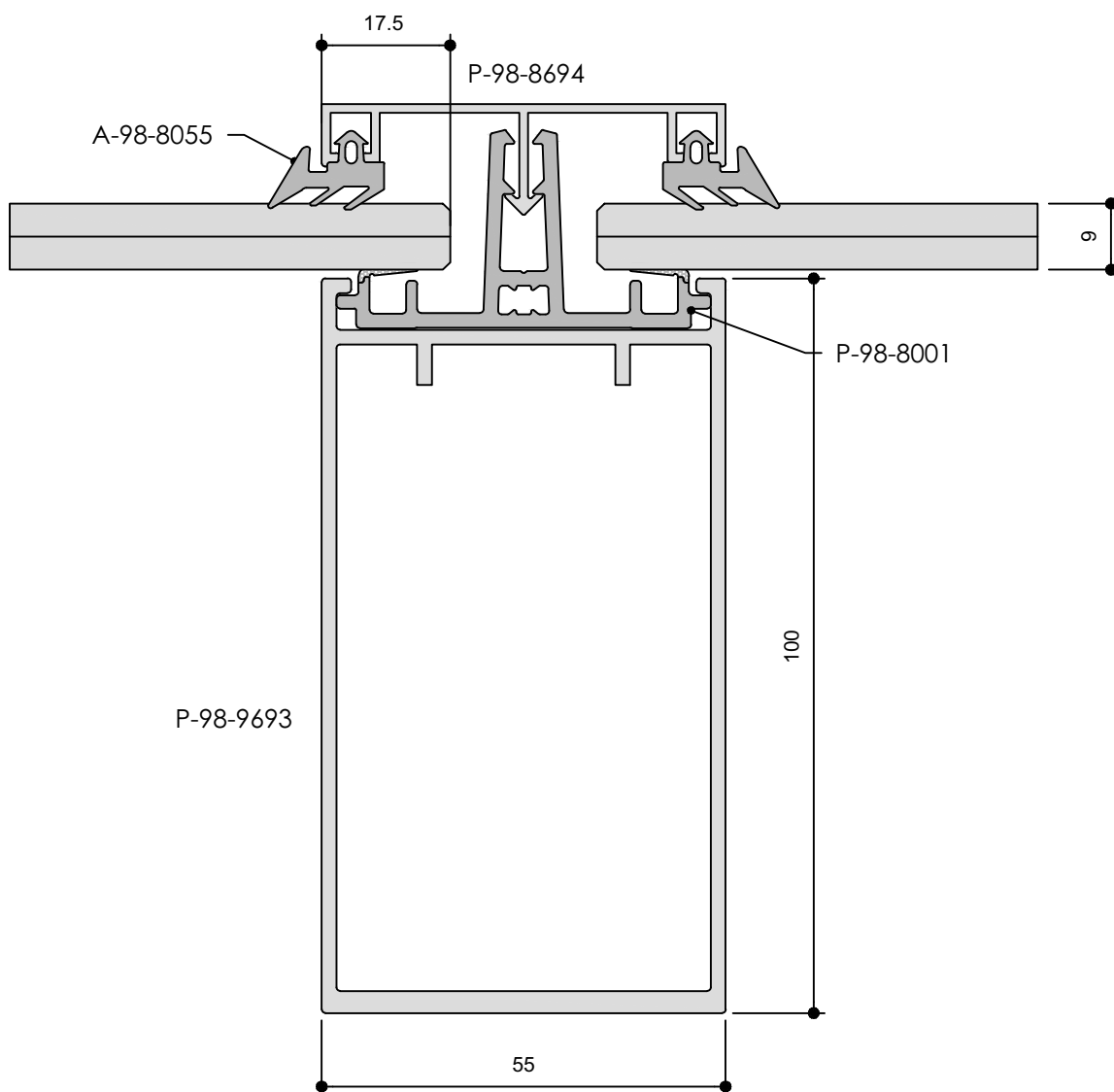
► TYPICAL DETAIL / DOORSNEDEN / COUPES

► 150 SL

► XL

► XLR

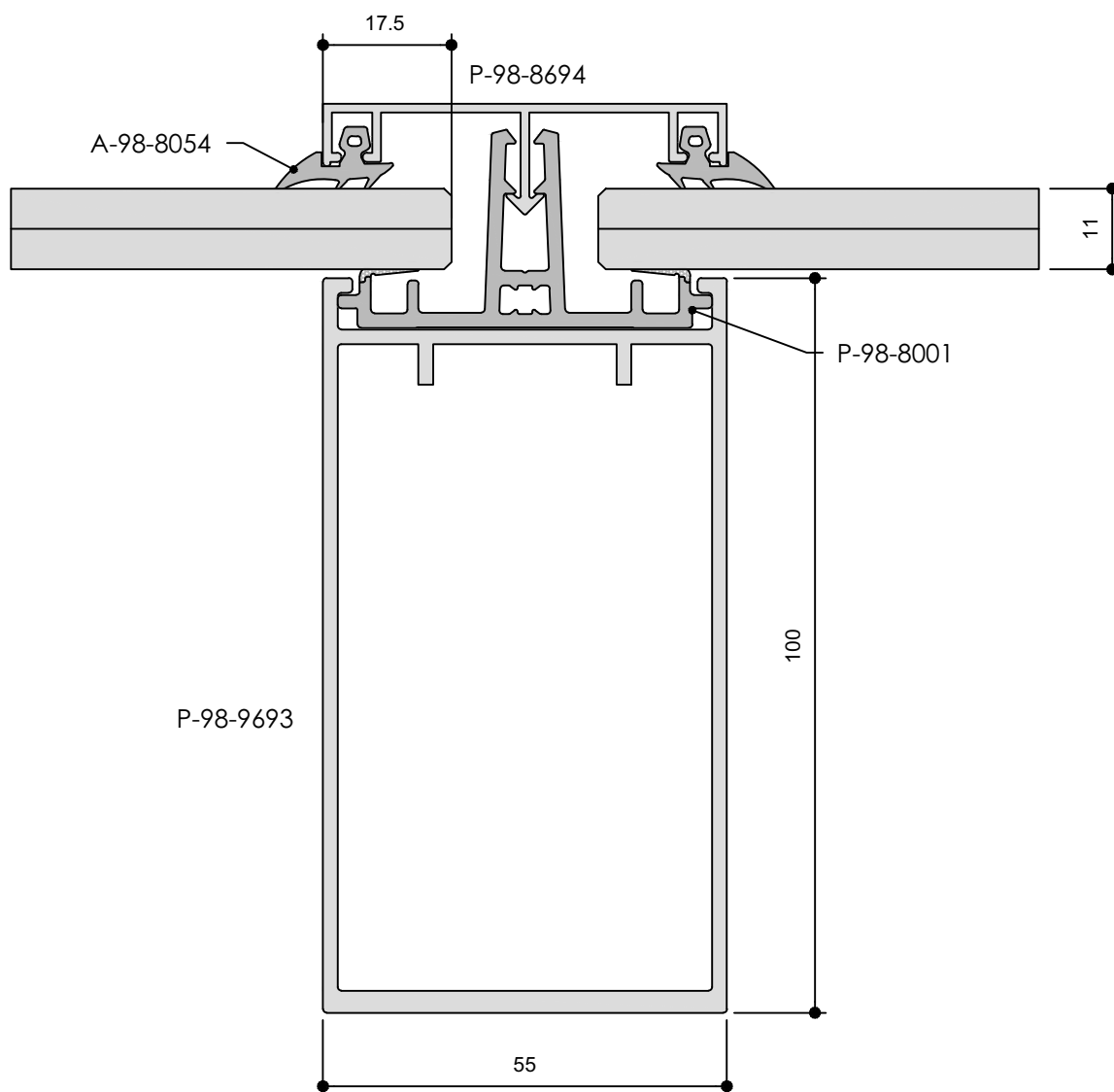
► XL AVENTA



TYPICAL DETAIL

detail helios 2

► XL AVENTA



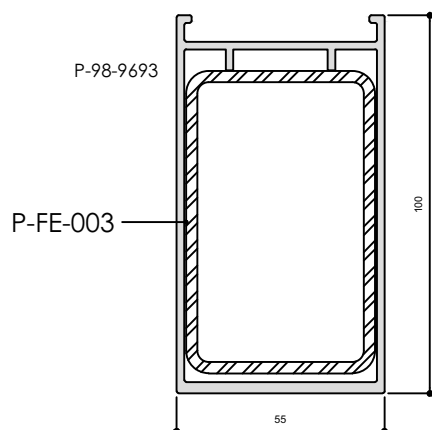
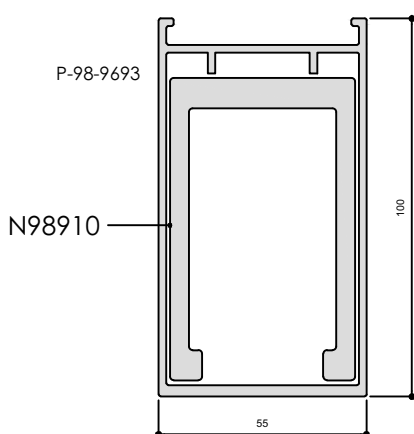
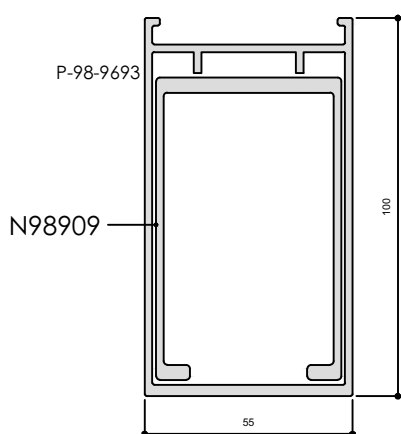
► TYPICAL DETAIL / DOORSNEDEN / COUPES

► 150 SL

► XL

► XLR

► XL AVENTA



detail helios 2

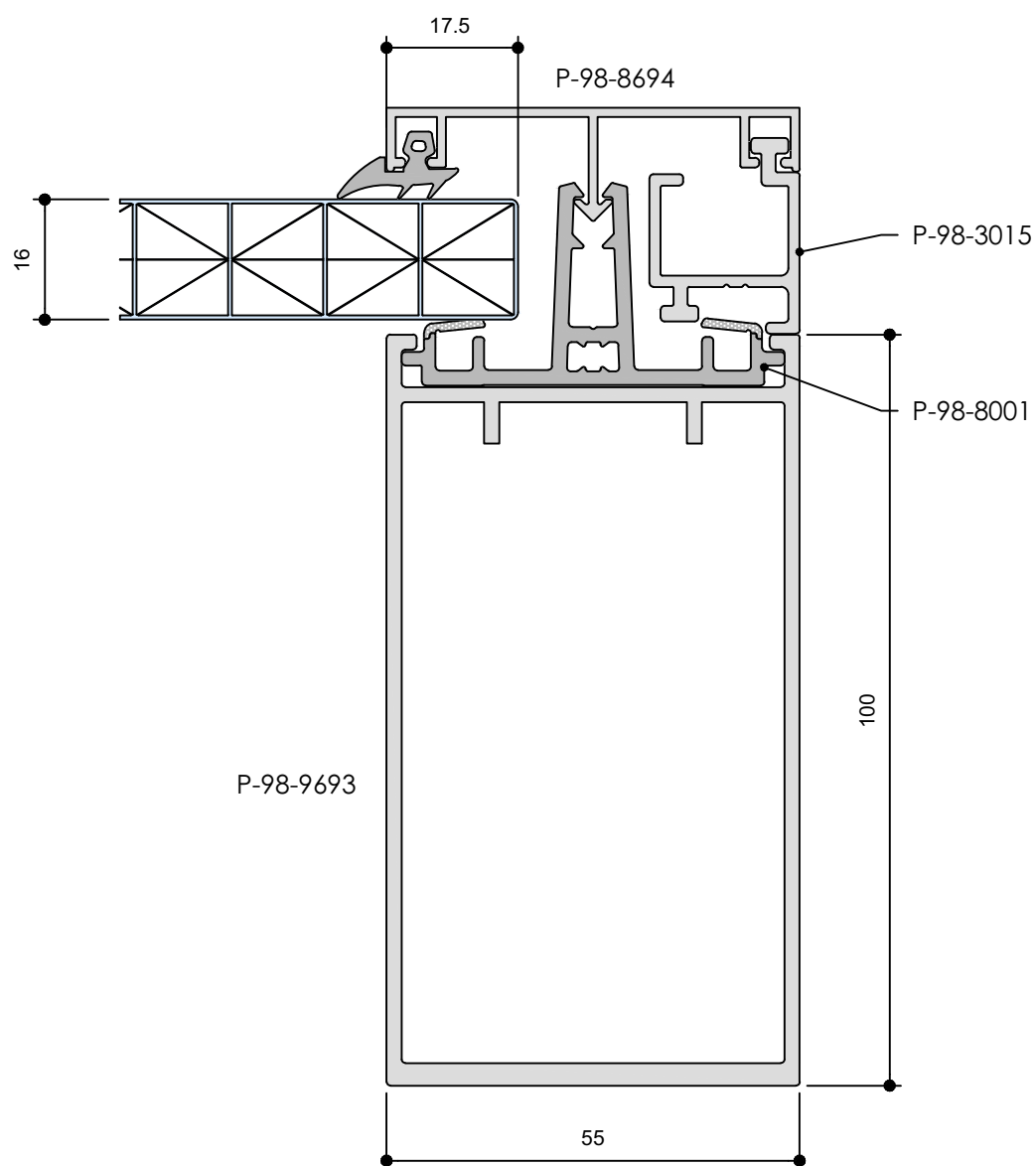
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► 150 SL

► XL

► XLR

► XL AVENTA

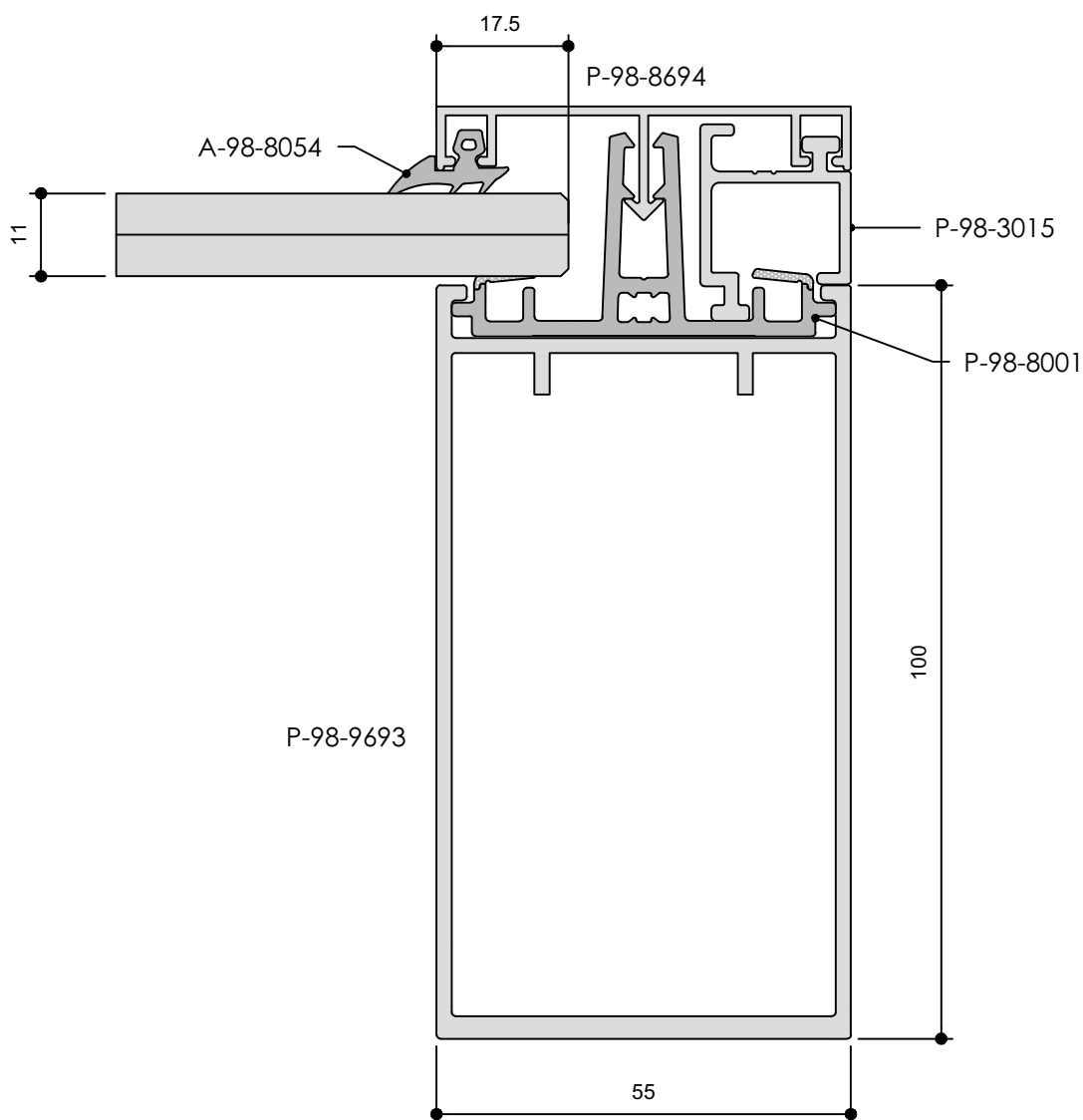


detail helios 2

TYPICAL DETAIL

-
- Technical drawing of a window frame cross-section. The drawing shows a vertical frame profile with a horizontal sash profile inserted. The frame is labeled P-98-9693. The sash is labeled A-98-8055. The frame has a width of 55 and a height of 100. The sash has a width of 17.5. The frame is composed of multiple extruded sections, including P-98-8694, P-98-3015, and P-98-8001. The sash is shown in a closed position, with the handle visible. The drawing includes dimension lines and labels for each component and dimension.

► XL AVENTA



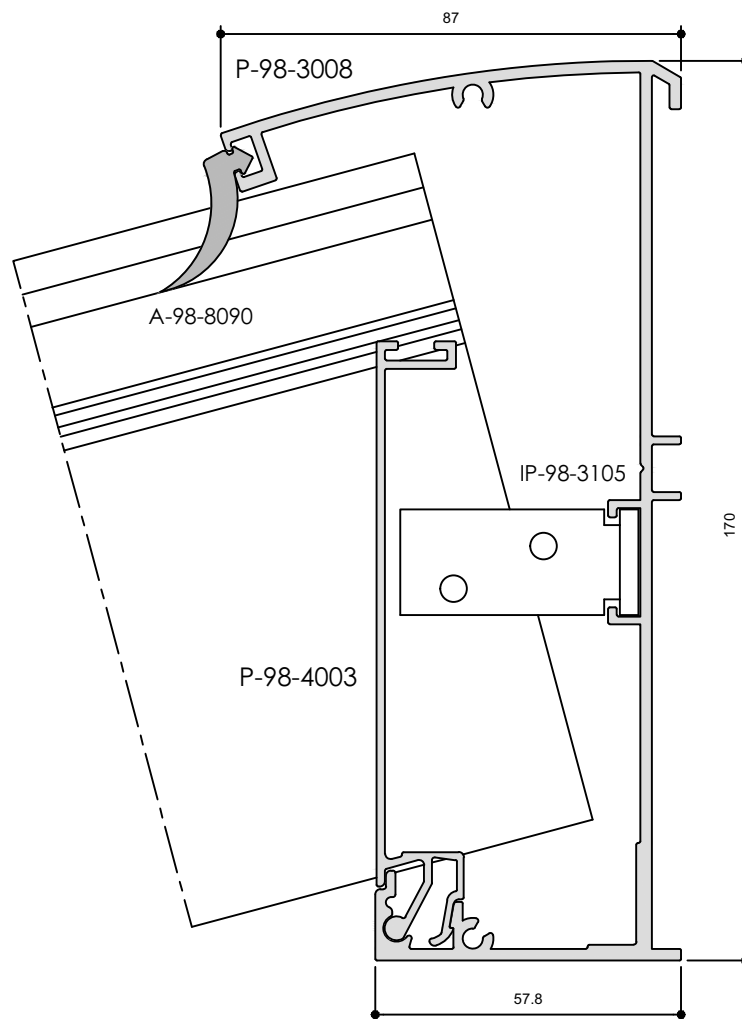
► TYPICAL DETAIL / DOORSNEDEN / COUPES

► 150 SL

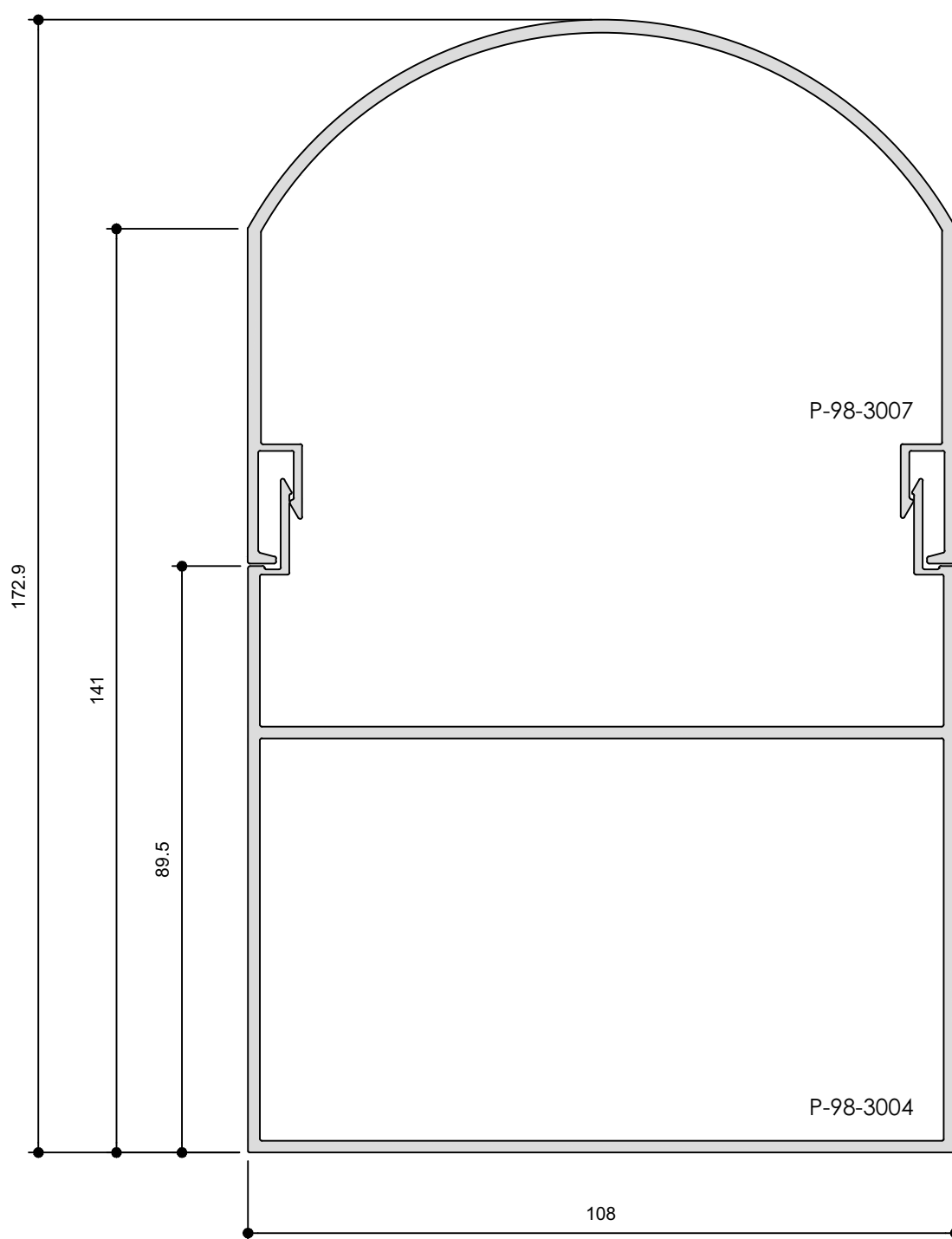
► XL

► XLR

► XL AVENTA



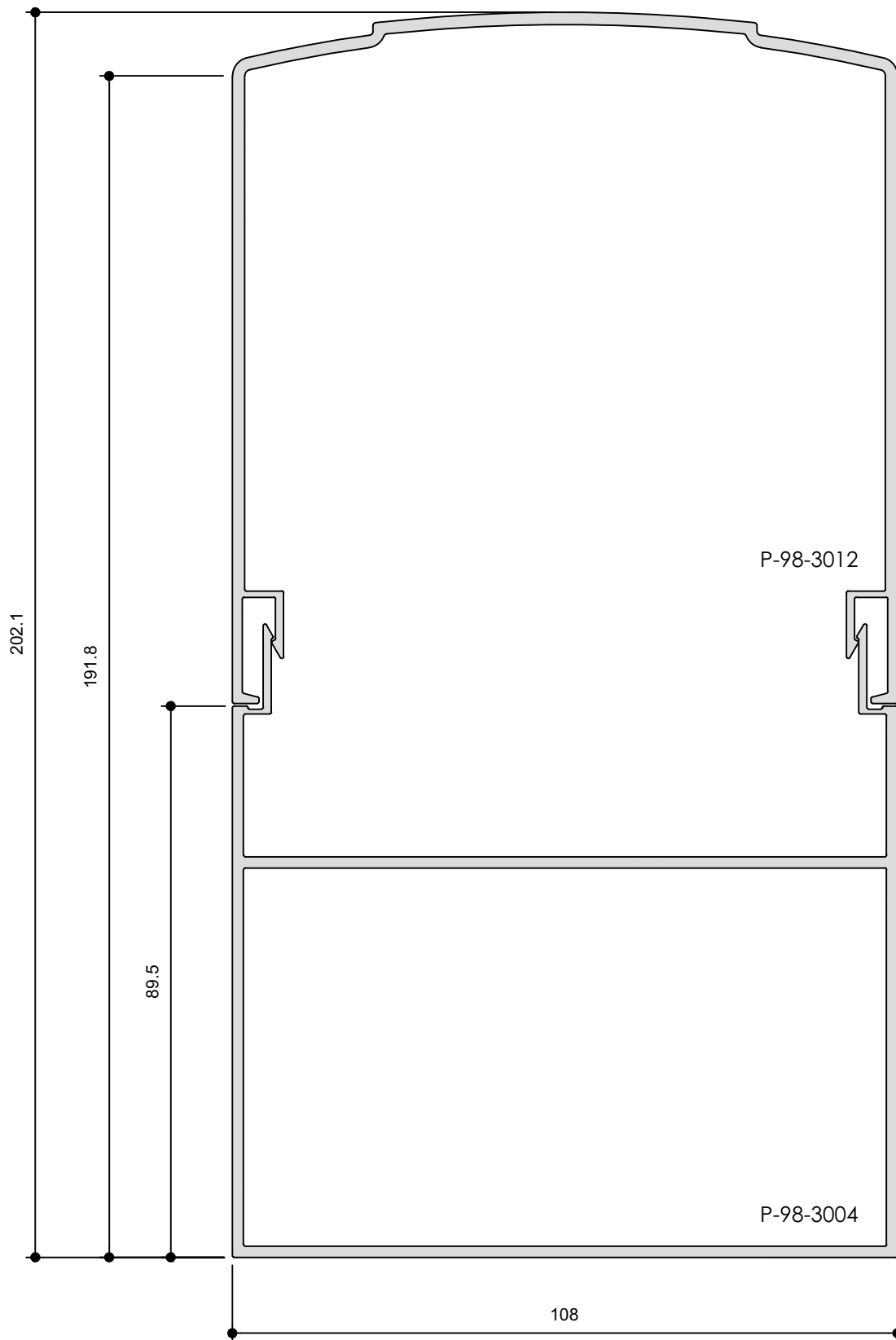
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► TYPICAL DETAIL / DOORSNEDEN / COUPES

► XL

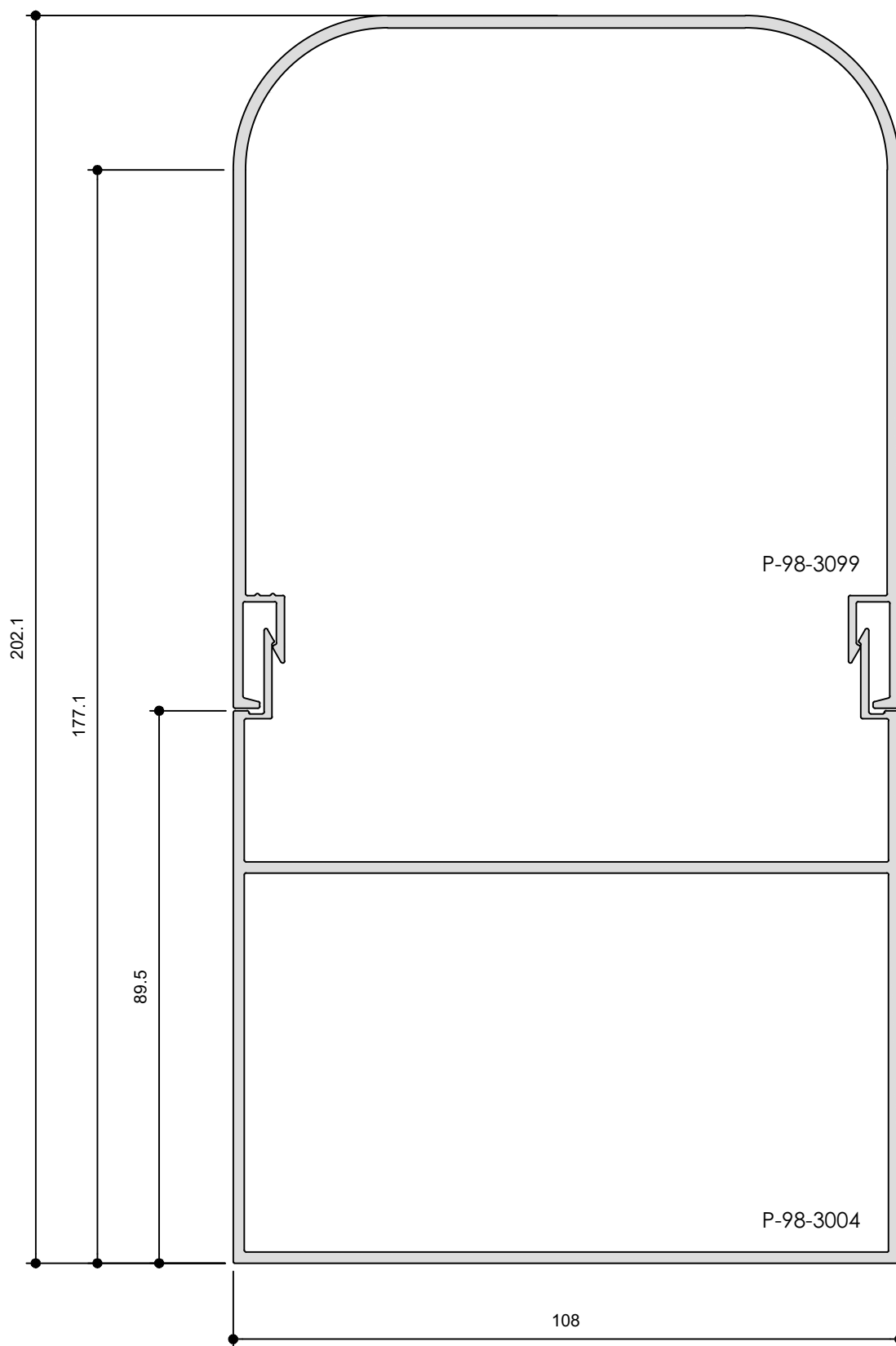
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detail helios

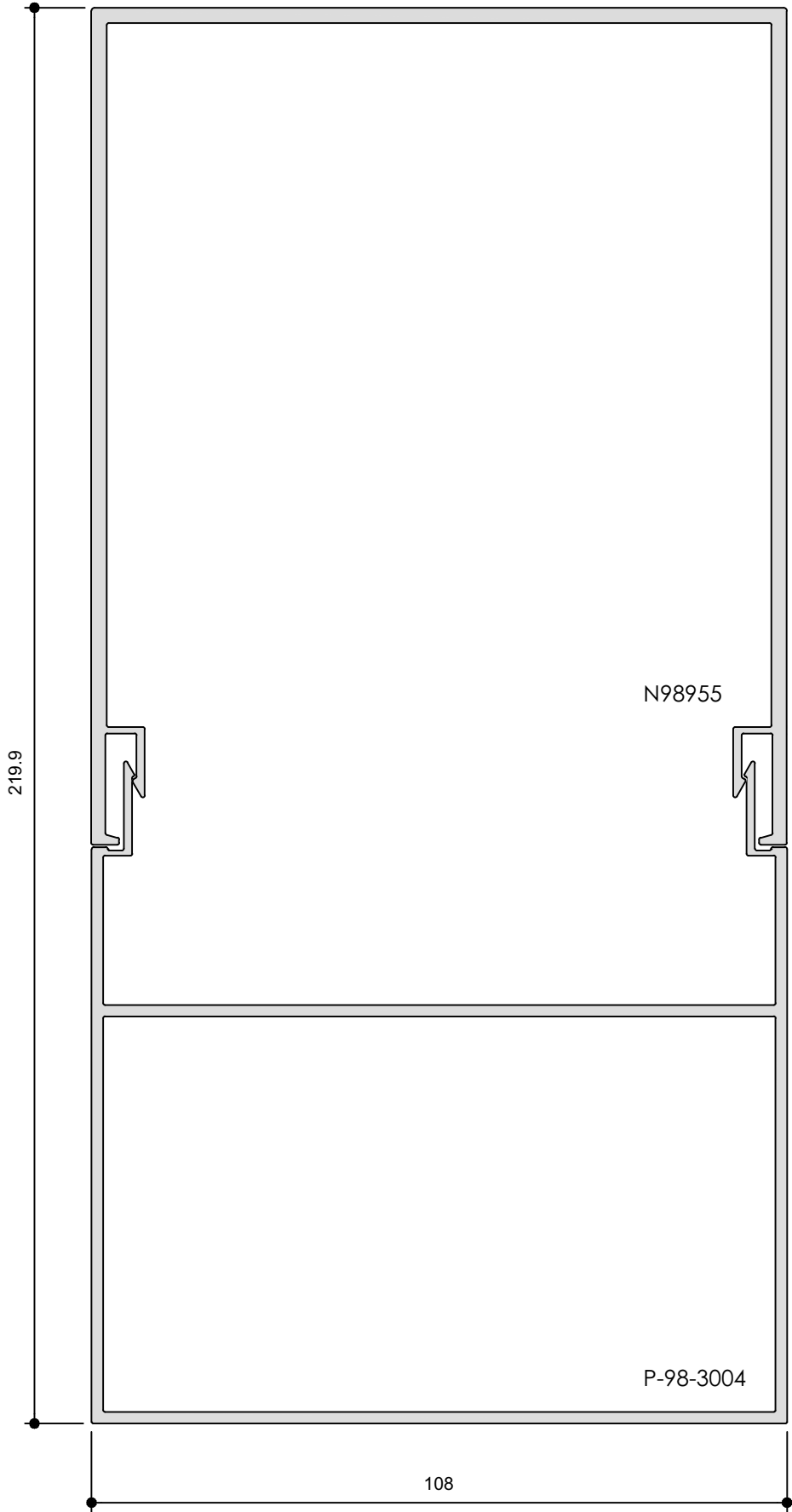
► TYPICAL DETAIL / DOORSNEDEN / COUPES

► XL



detail helios

▶ XLR



detail helios 2



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