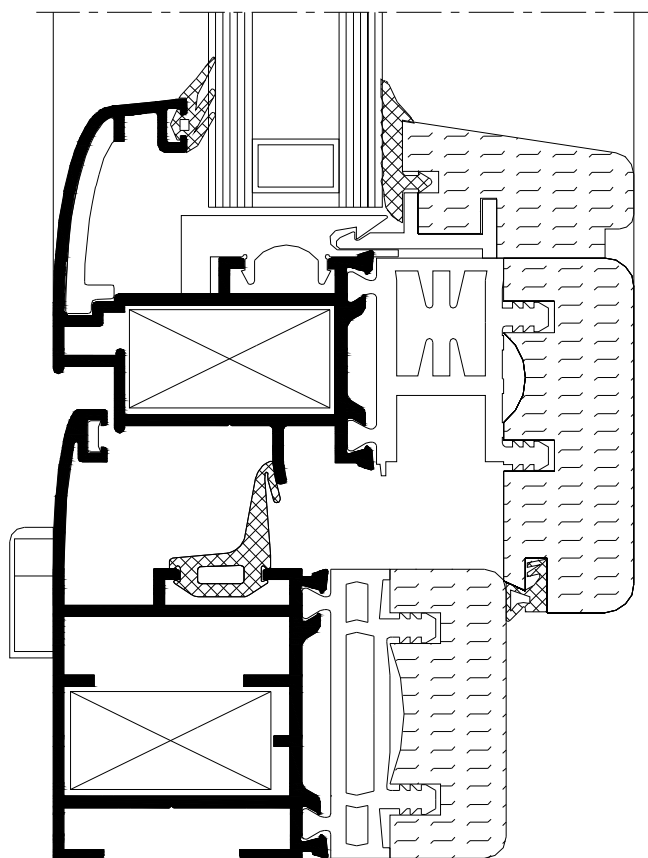
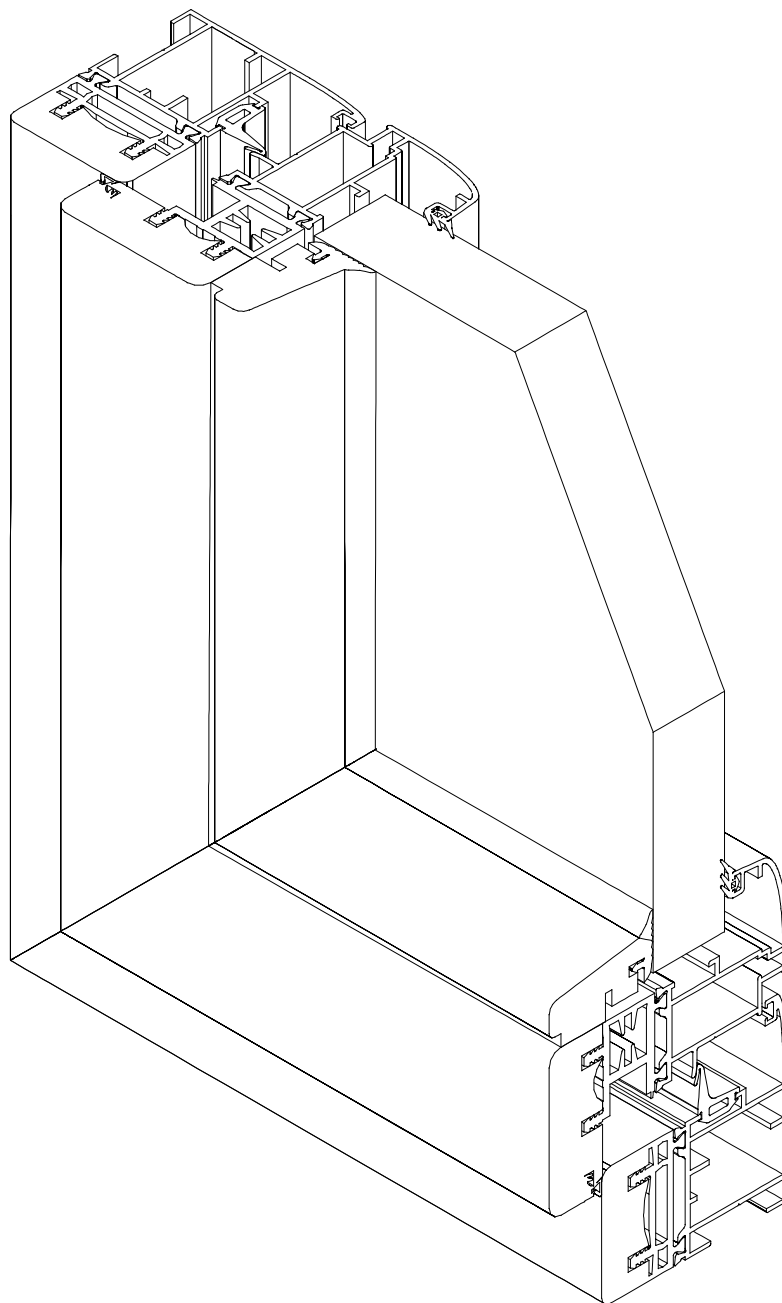


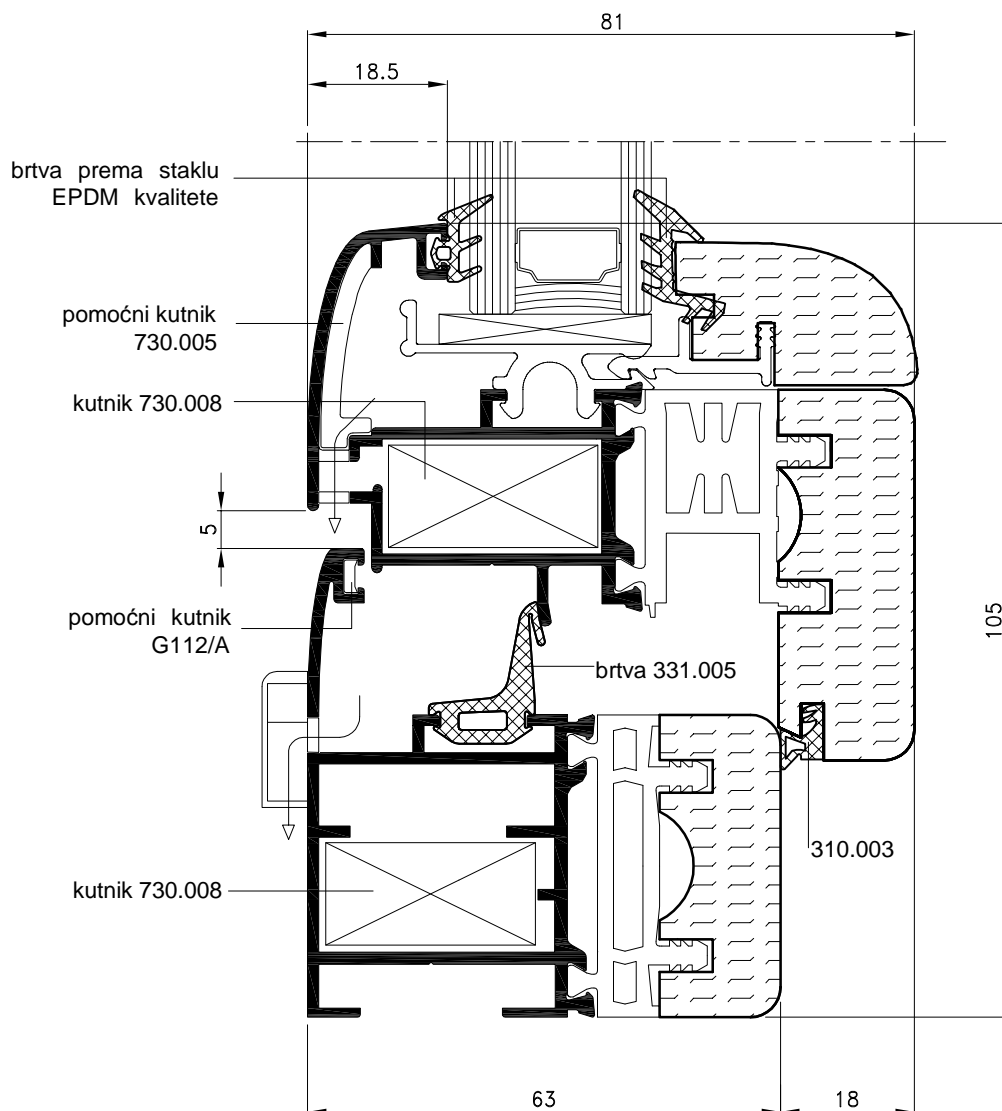
FEAL

FEAL d.o.o za preradu aluminija-Široki Brijeg, Trnska cesta 146



serija **FEAL/ZGON C**





U seriji profila za prozore i vrata FEAL/ZGON zastopljena je optimalna iskoristivost prednosti pojedinih materijala sklopa profila u konstrukcijama prozora.

DRVENI profil koji se nalazi sa unutarnje strane daje prostoru toplinu prirodnih materijala koju niti jedan drugi materijal nemože zamjeniti.

PVC profil kao izvanredan izolator topline omogućava prekid termičkog mosta a ujedno spaja vanjski aluminijski i unutarnji drveni profil.

ALUMINIJSKI profil sa svojim prednostima u pogledu nosivosti, otpornosti na atmosferije, laganog održavanja kao i širokog izbora estetskih rješenja, upotpunjuje ovaj suvremeni proizvod.



INSTITUT GRAĐEVINARSTVA HRVATSKE d.d.
Zavod za zgradarstvo
Laboratorij građevinske fizike 2 29 20
p.p. 283, Janka Rakuše 1, HR-10000 Zagreb,
Tel. +385 (0)1 61 25 999
Fax. +385 (0)1 61 25 998, e-mail: lgf@igh.hr



www.igh.hr

Laboratorij akreditiran od HAA

Uzorak za ispitivanje:

- izolacije od zračnog zvuka
- zrakopropusnosti
- vodonepropusnosti
- otpornosti na vjetar

Ispitni uzorak je jednokrilni prozor LxH = 1200x1200 sastavljen od profila doprozornika ALD 100, profila krila ALD 110 i profila drvene letvice.

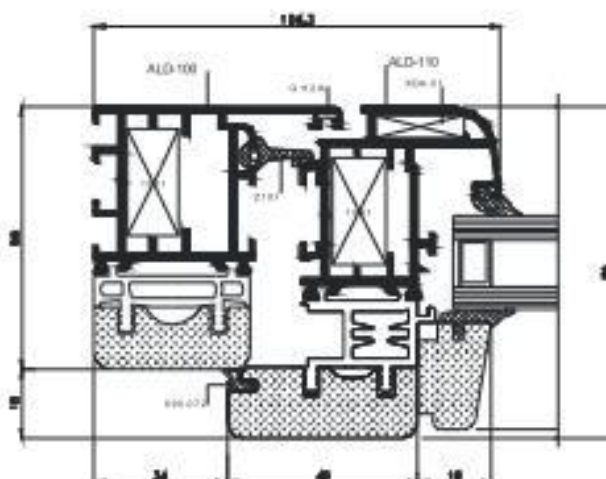
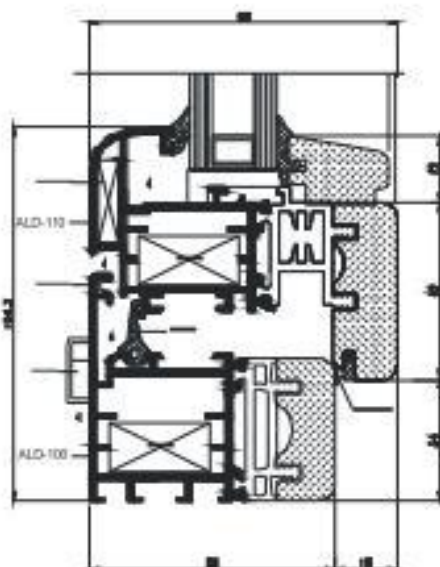
Veza profila u kutevima je ostvarena kutnicima 060816/A i 0313 od al. slitine i G112/A od INOX-a.

Otklopno-zaokretni mehanizam je FAVORIT Si-Line-312 Njemačkog proizvođača SIEGENIA.

Prozor je ostakljen izolacijskim staklom debljine 24 mm, brtvljen svanjskom brtvom Z113 i unutarnjom brtvom 652739. Srednja brtva ima oznaku Z101 a brtva na krilu 690072.

Brtvljenje je izvedeno od brtvi EPDM kvalitete / talijanski proizvođač/.

Pri sklapanju profila, rezane površine sva tri materijala profila u kutevima su dodatno lijepljene /dvokomponentno ljepilo BUKA PU-KLEBER 2802 Njemačkog proizvođača/.





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 Tel. +385 (0)1 61 25 999
 Fax. +385 (0)1 61 25 998, e-mail: igf@igh.hr



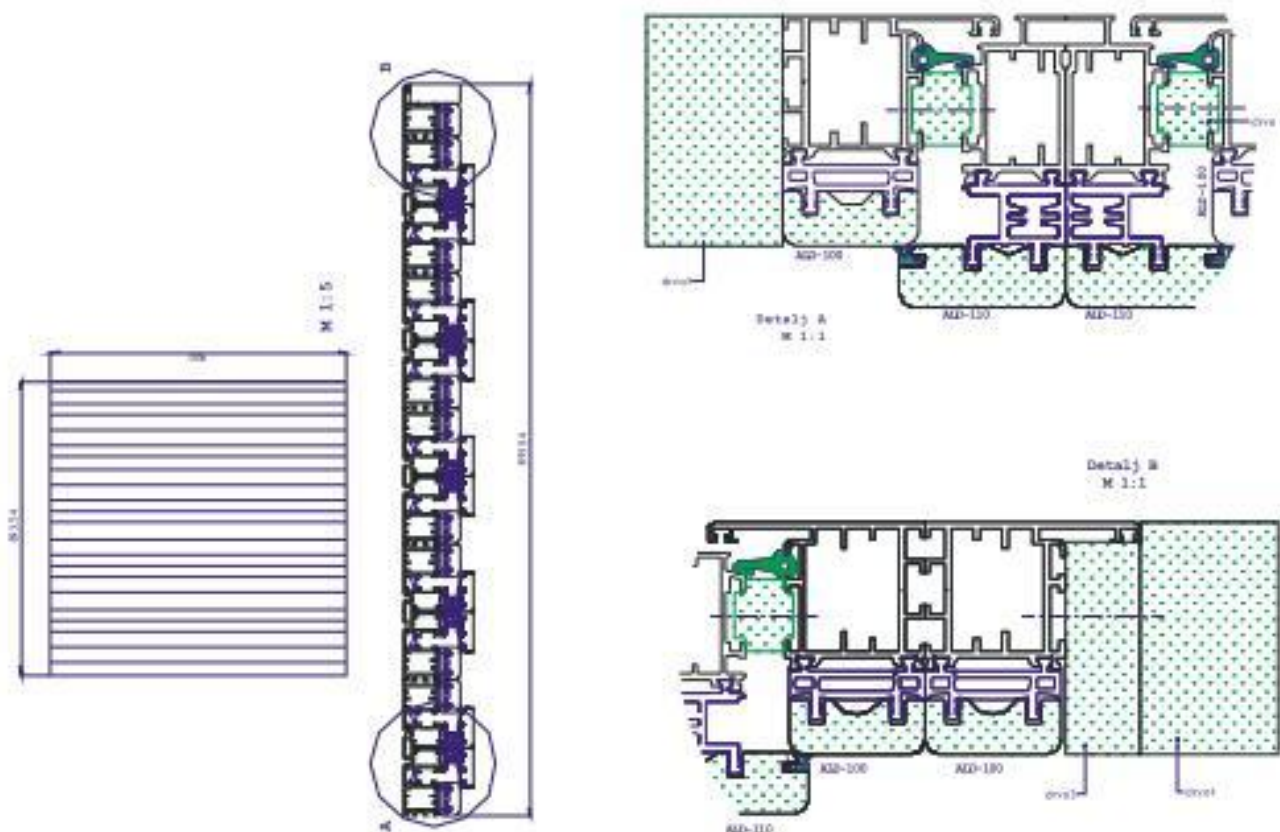
www.igh.hr

Laboratorij akreditiran od HAA

Uzorak za ispitivanje toplinske prohodnosti (koeficijenta prolaza topline, k) profila

Opis uzoraka za ispitivanje

Predmetom ispitivanja bili su profili serije FEAL-ZGON, za izradu krila i doprozornika. Profili se sastoje od tri različita materijala, s unutarnje strane je drveni profil, u sredini je plastični profil i s vanjske strane aluminijski profil. Presjek ispitivanog uzorka profila FEAL-ZGON dan je u nastavku kako slijedi:

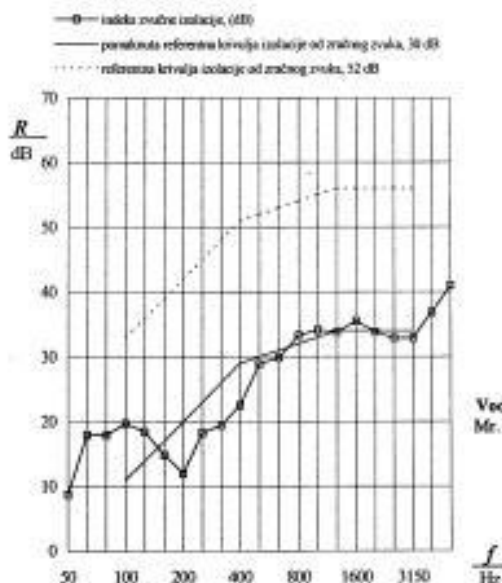


REZULTATI ISPITIVANJA izolacije od zračnog zvuka otklopno-zaokretnog prozora izrađenog od profila serije FEAL-ZGON.

Tablica:

frekvencija f (Hz)	terca R (dB)
50	8.7
63	17.9
80	17.9
100	19.7
125	18.4
160	14.9
200	12.0
250	18.3
315	19.4
400	22.5
500	28.9
630	29.8
800	33.3
1000	34.1
1250	33.8
1600	35.5
2000	33.8
2500	32.9
3150	32.9
4000	36.9
5000	41.0

Dijagram:

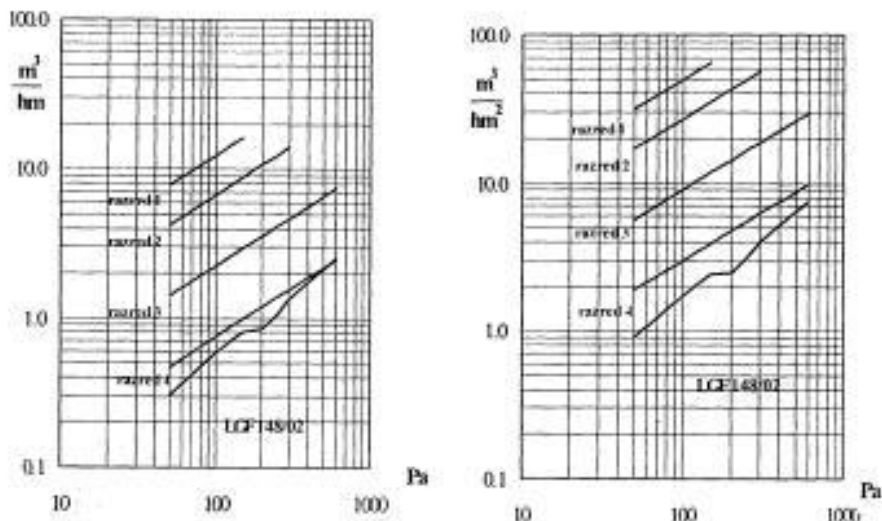


Voditelj laboratorija
Mr. sc. *Slobodan Štambur* inž. dipl. ing. kem. tehn.
Štambur

U skladu s HRN EN ISO 717-1:1998, vrednovani indeks zvučne izolacije za ispitni uzorak jednokrilnog otklopno-zaokretnog prozora izrađenog od profila serije FEAL-ZGON iznosi $R_w (C; Ctr; C50-5000; Ctr,50-5000) = 30 (-2; -6; -2; -7) \text{ dB}$.

REZULTATI ISPITIVANJA zrakopropusnosti otklopno-zaokretnog prozora izrađenog od profila serije FEAL-ZGON.

3.2 Dijagrami



S obzirom na zrakopropusnost ispitni uzorak može se svrstati u **razred 4**, u skladu s HRN EN 12207; studeni 1999.

3.3 Tablica mjernih rezultata

Δp (Pa)	Q (m^3/hm)					Q (m^3/hm^2)				
	LGF 148/02	RAZRED				LGF 148/02	RAZRED			
	1	2	3	4	1	2	3	4	4	
50	0.30	7.45	4.02	1.34	0.45	0.9	29.8	16.1	5.4	1.8
100	0.58	13.00	7.02	2.34	0.78	1.7	52.0	28.1	9.4	3.1
150	0.82	16.60	8.96	2.99	1.00	2.4	66.4	35.9	12.0	4.0
200	0.84		10.46	3.49	1.16	2.5		41.9	14.0	4.7
250	1.05		12.40	4.13	1.38	3.1		49.6	16.5	5.5
300	1.36		14.17	4.72	1.57	4.0		56.7	18.9	6.3
450	1.96			6.21	2.07	5.8			24.8	8.3
600	2.55			7.44	2.48	7.6			29.8	9.9

Voditelj laboratorija
Mr. sc. *Slobodan Štambur* inž. dipl. ing. kem. tehn.
Štambur

REZULTATI ISPITIVANJA vodonepropusnosti otklopno-zaokretnog prozora izrađenog od profila serije FEAL-ZGON.

TLAK Δp (Pa)	VRJEME t (min)	LGF 148/02	RAZRED (HRN EN 12208)
0	15	+	1 A
50	5	+	2 A
100	5	+	3 A
150	5	+	4 A
200	5	+	5 A
250	5	+	6 A
300	5	+	7 A
450	5	+	8 A
600	5	+	9 A

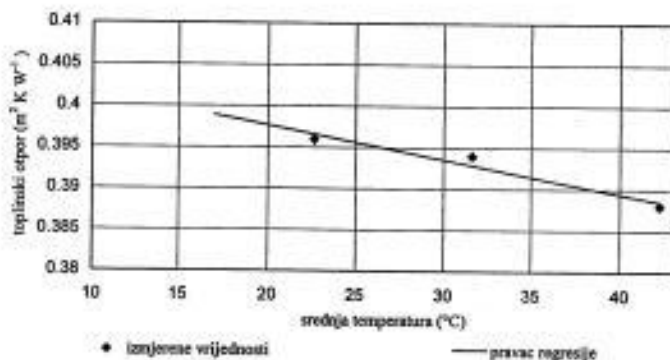
- + Znači da nije došlo do propuštanja vode.
- ∇ Znači da je došlo do propuštanja vode.

S obzirom na vodonepropusnost ispitni uzorak može se svrstati u **razre** u skladu s HRN EN 12208; studeni 1999.

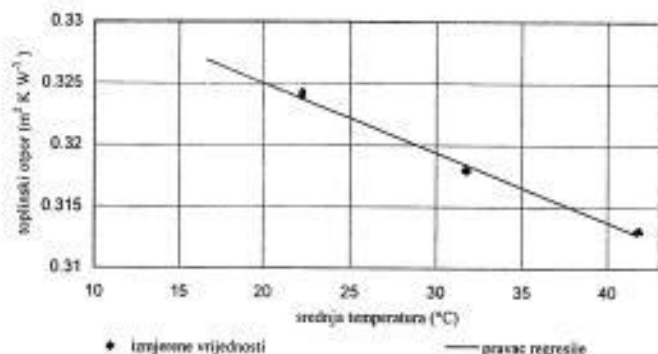

REZULTATI ISPITIVANJA otpornosti na vjetar otklopno-zaokretnog prozora izrađenog od profila serije FEAL-ZGON

- Ispitivanje na relativno čono savijanje (razred C u skladu s HRN EN 12210; studeni 1999)
- Ispitivanje na otpornost promjenjivim tlakom
- Ispitivanje zrakopropusnosti nakon otpornosti na vjetar

S obzirom na ispitivanje otpornosti na vjetar ispitni uzorak može se svrstati u **razred C3** u skladu s HRN EN 12210; studeni 1999.


REZULTATI ISPITIVANJA toplinske prohodnosti (koeficijent prolaza topline k) profila za izradu prozora i vrata serije FEAL-ZGON.


U skladu s HRN U.J5.510:1987, koeficijent prolaza topline profila krila iznosi $k=1.75 \text{ WK}^{-1}\text{m}^2$



U skladu s HRN U.J5.510:1987, koeficijent prolaza topline profila doprozornika iznosi $k=2.0 \text{ WK}^{-1}\text{m}^2$

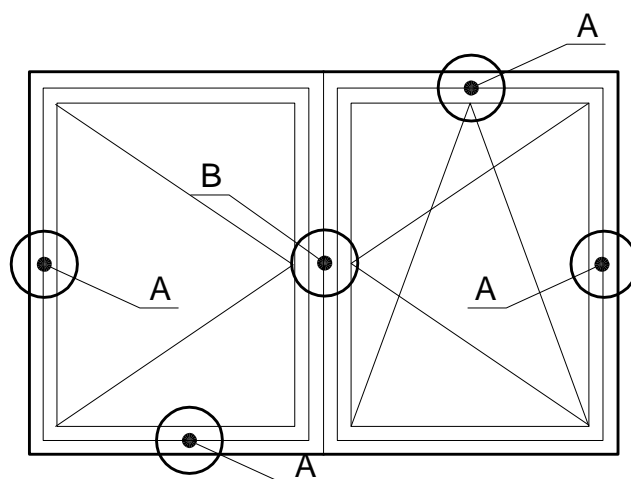


Napomena: Ispitivanje je provedeno na Institutu Građevinarstva Hrvatske u Zagrebu

TOPLINSKE ZNAČAJKE FEAL/ZGON c

Proračun koeficijenta prolaska topline počiva na dvodimenzionalnoj numeričkoj metodi konačnih elemenata određene prema prEN ISO 10077-2.

DIMENZIJE	L	(m)	1.5
	H	(m)	1.48
A-ram + krilo	U_A	(W/m^2K)	2.4
B-prečka	U_B	(W/m^2K)	2.7
S-staklo	U_S	(W/m^2K)	1.1
Kombinacija stakla i profila	U_w	(W/m^2K)	1.8


Temperaturni dijagram za A

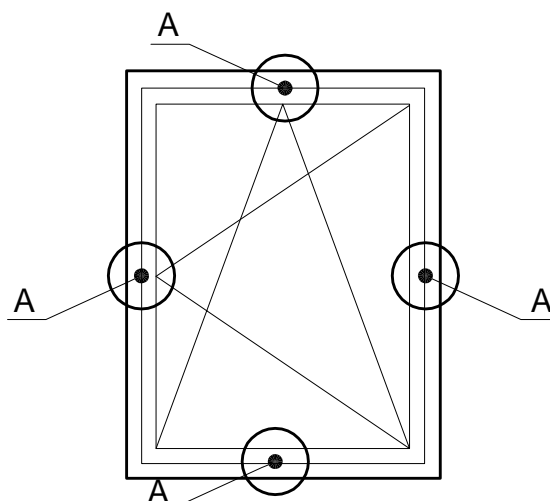
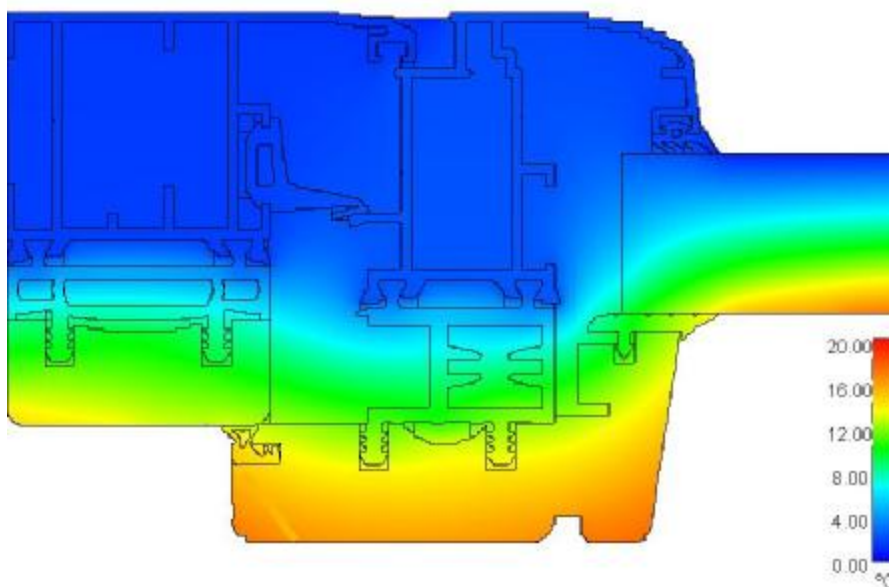

Temperaturni dijagram za B

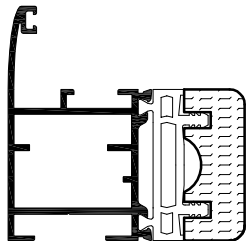
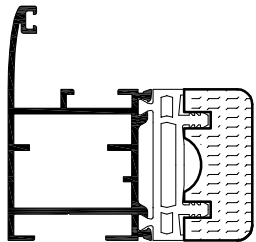
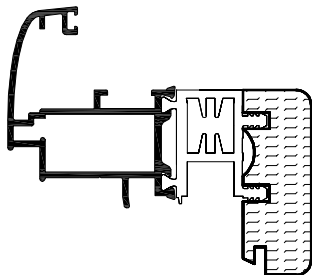
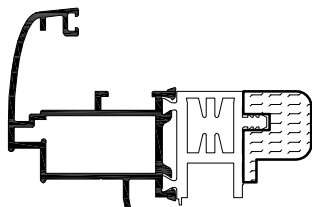
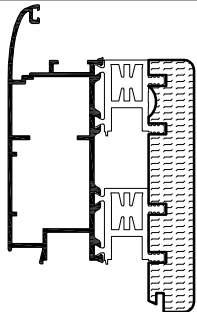
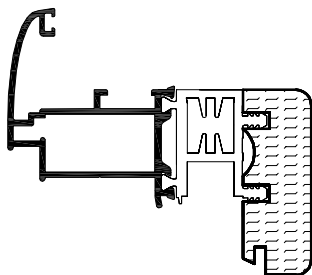


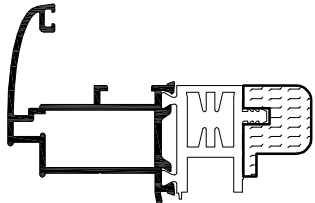
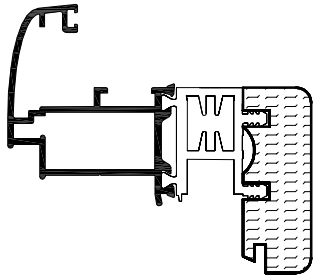
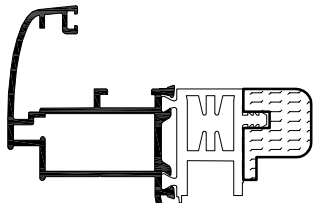
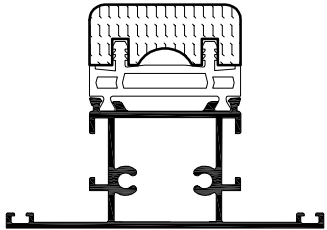
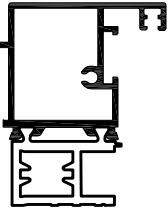

TOPLINSKE ZNAČAJKE FEAL/ZGON c

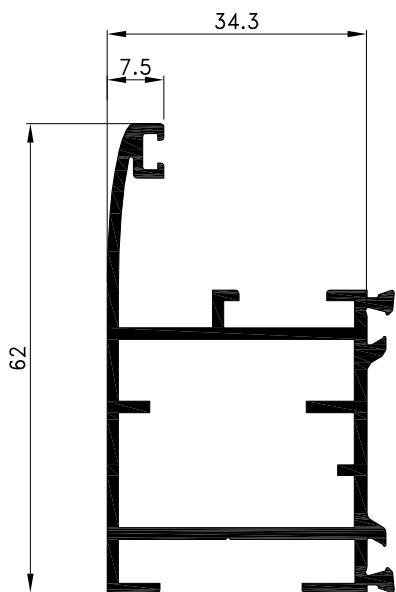
Proračun koeficijenta prolaska topline počiva na dvodimenzionalnoj numeričkoj metodi konačnih elemenata određene prema prEN ISO 10077-2.

DIMENZIJE	L	(m)	1.23
	H	(m)	1.48
A-ram + krilo	U_A	(W/m^2K)	2.4
S-staklo	U_s	(W/m^2K)	1.1
Kombinacija stakla i profila	U_w	(W/m^2K)	1.6

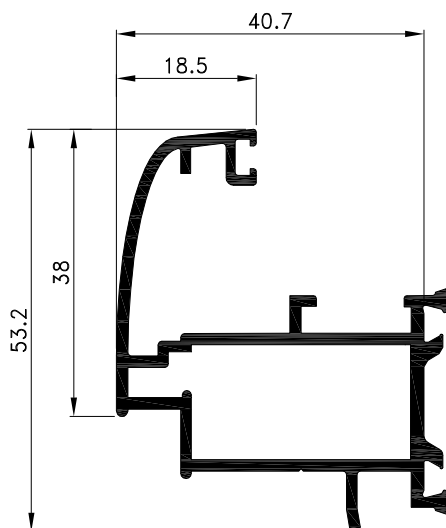

Temperaturni dijagram za A


Oznaka	Izgled-presjek	Težina /kg/ml/	Opseg /mm/	Ix /cm ⁴ /	Wx ₃ /cm ³ /
ALD 100 c					
ALD 100 c plus					
ALD 110 c					
ALD 111 c					
ALD 113 c					
ALD 114 c					

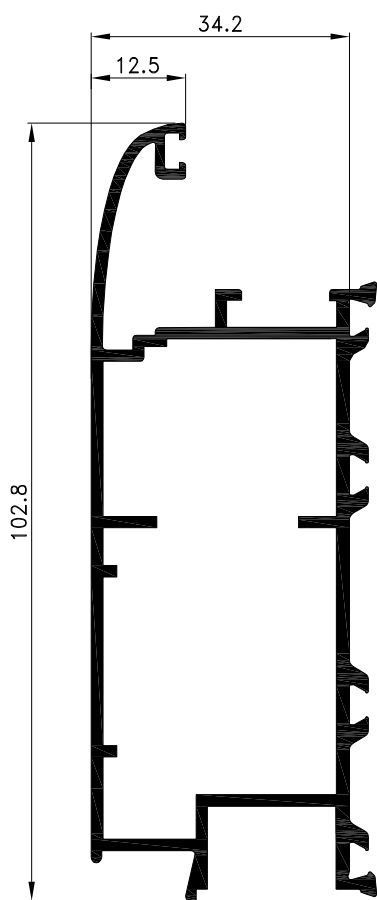
Oznaka	Izgled-presjek	Težina /kg/ml/	Opseg /mm/	Ix /cm ⁴ /	Wx /cm ³ /
ALD 114/A c					
ALD 115 c					
ALD 115/A c					
ALD 120 c					
ALD 130 c					
ALD-140c		0.860	170		



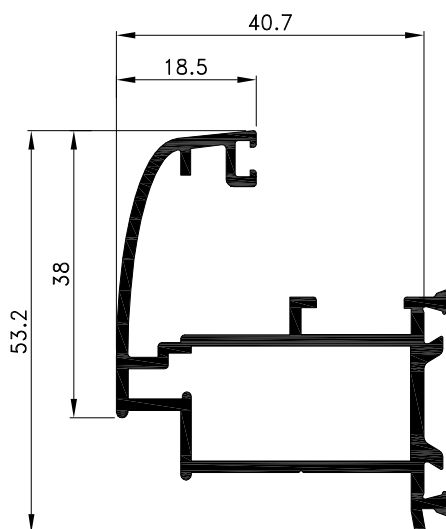
DA-02
težina kg/m 0.942



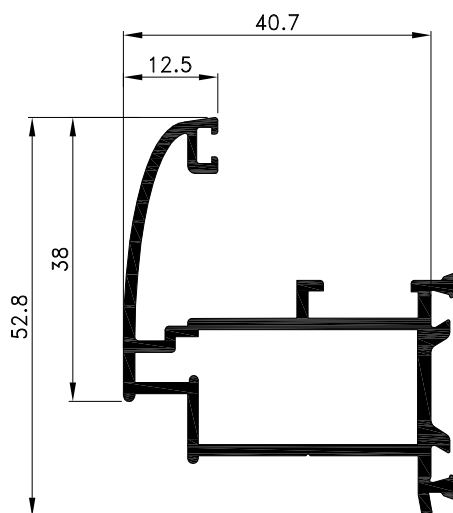
DA-12
težina kg/m 0.853



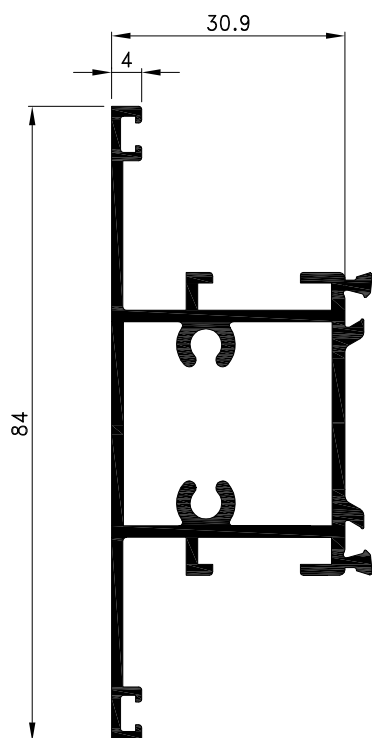
DA-13
težina kg/m 1.405



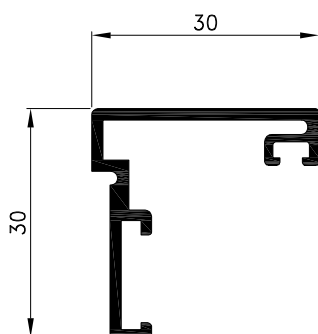
DA-15
težina kg/m 0.834



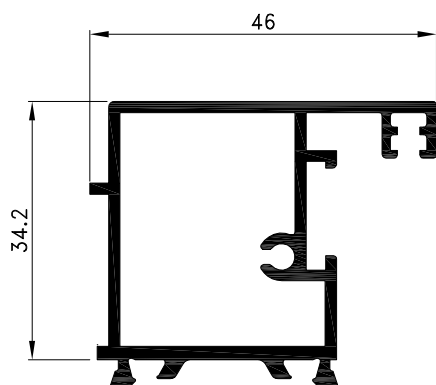
DA-14
težina kg/m 0.796



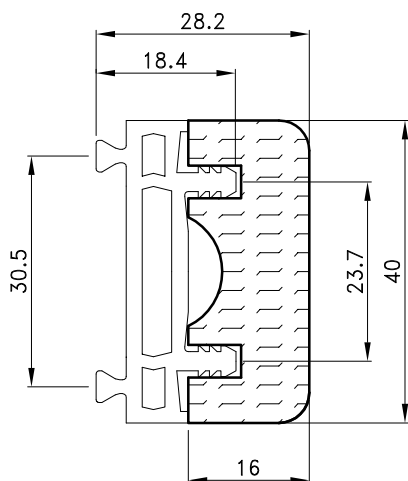
DA-32
težina kg/m 1.082



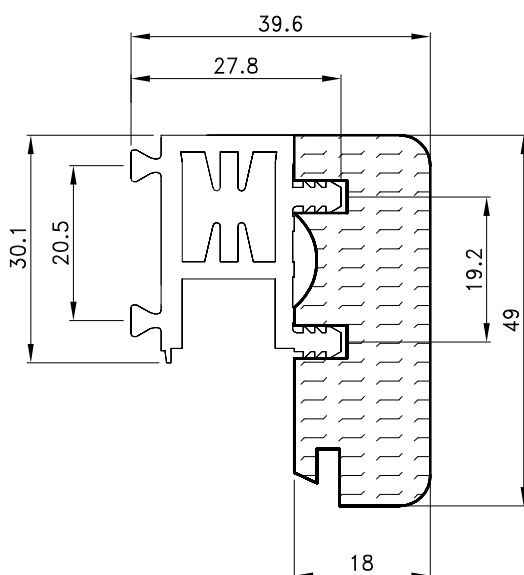
DA-43
težina kg/m 0.349



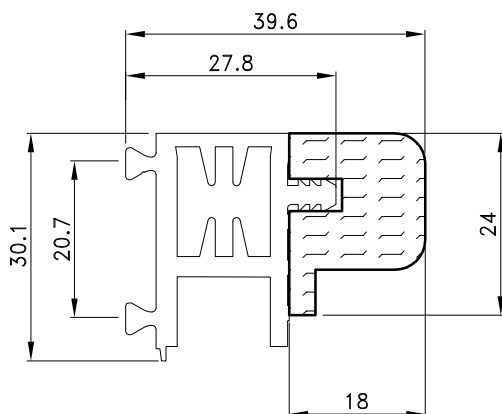
DA-44
težina kg/m 0.787



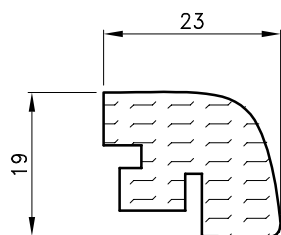
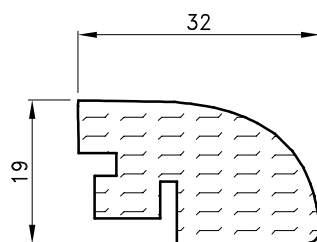
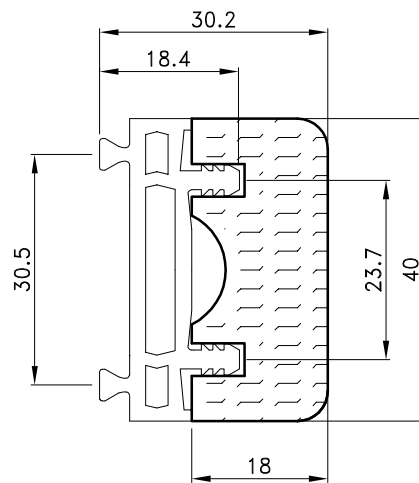
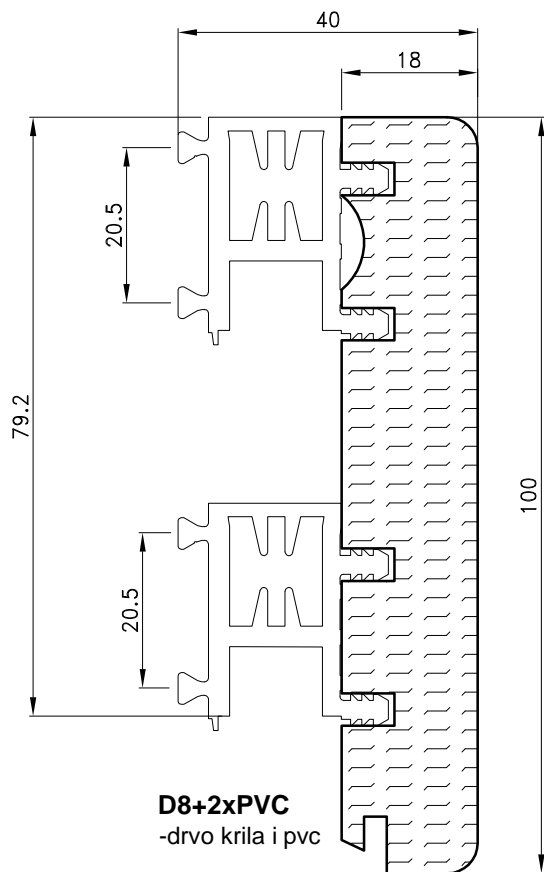
D1+PVC
-drvo rama i pvc

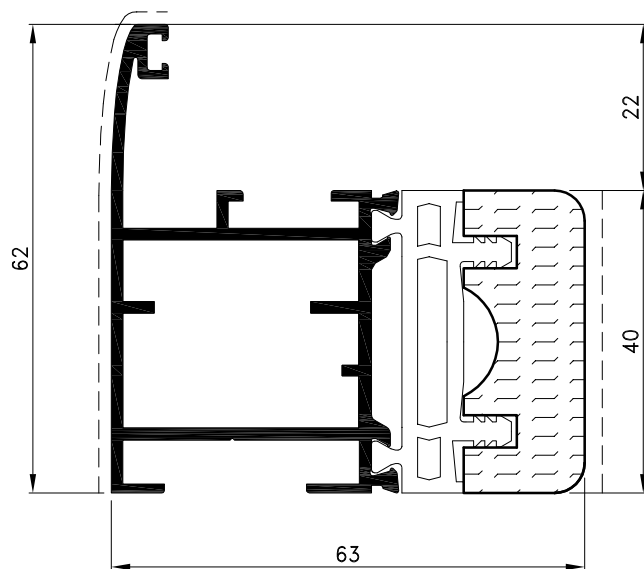


D2+PVC
-drvo krila i pvc

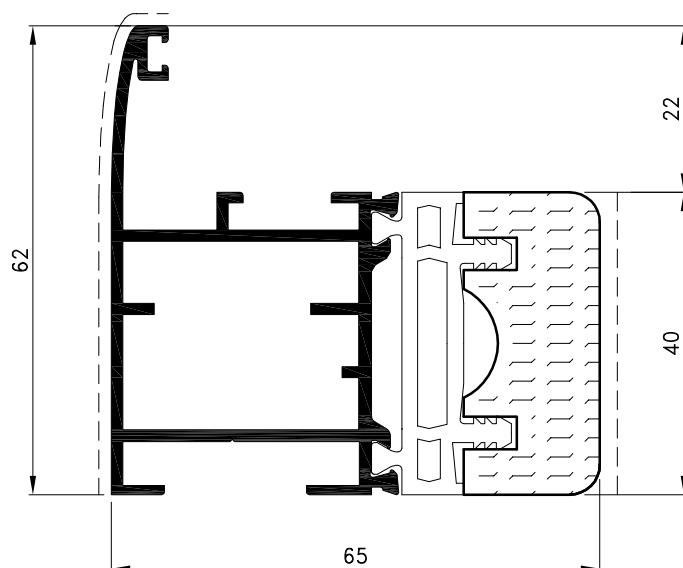


D5+PVC
-drvo za dvokrilni
prozor i pvc

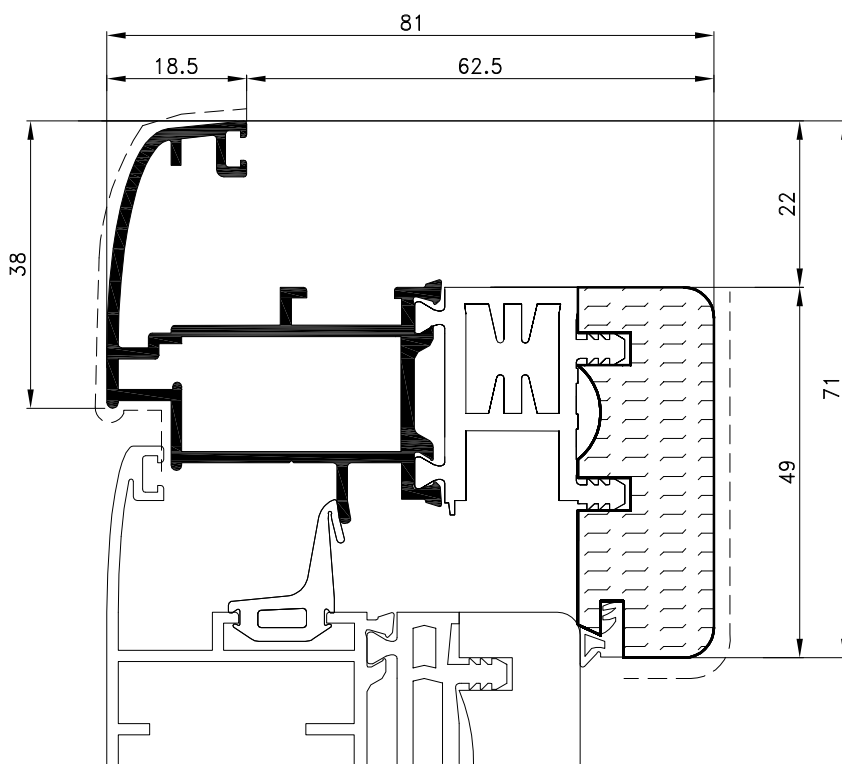




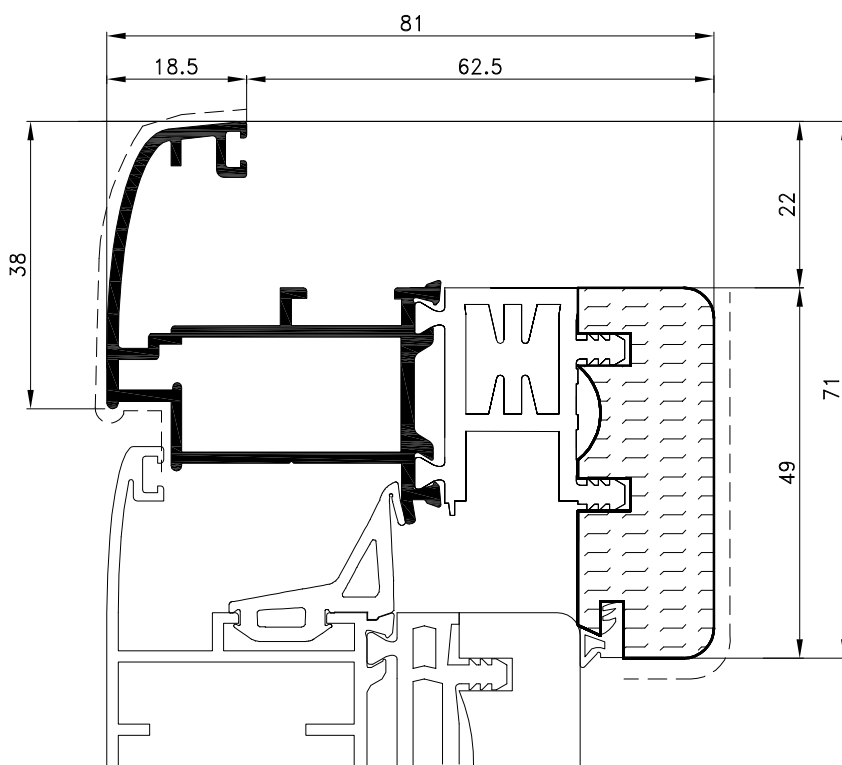
ALD-100 c
težina kg/m
svj. povr.mm 107



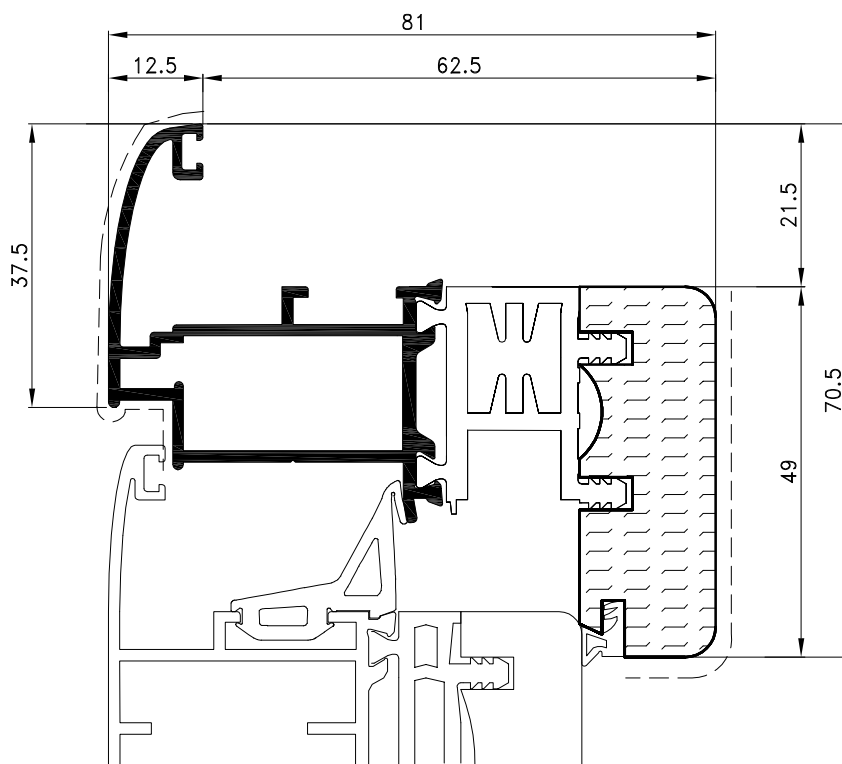
ALD-100c plus
težina kg/m
svj. povr.mm 107



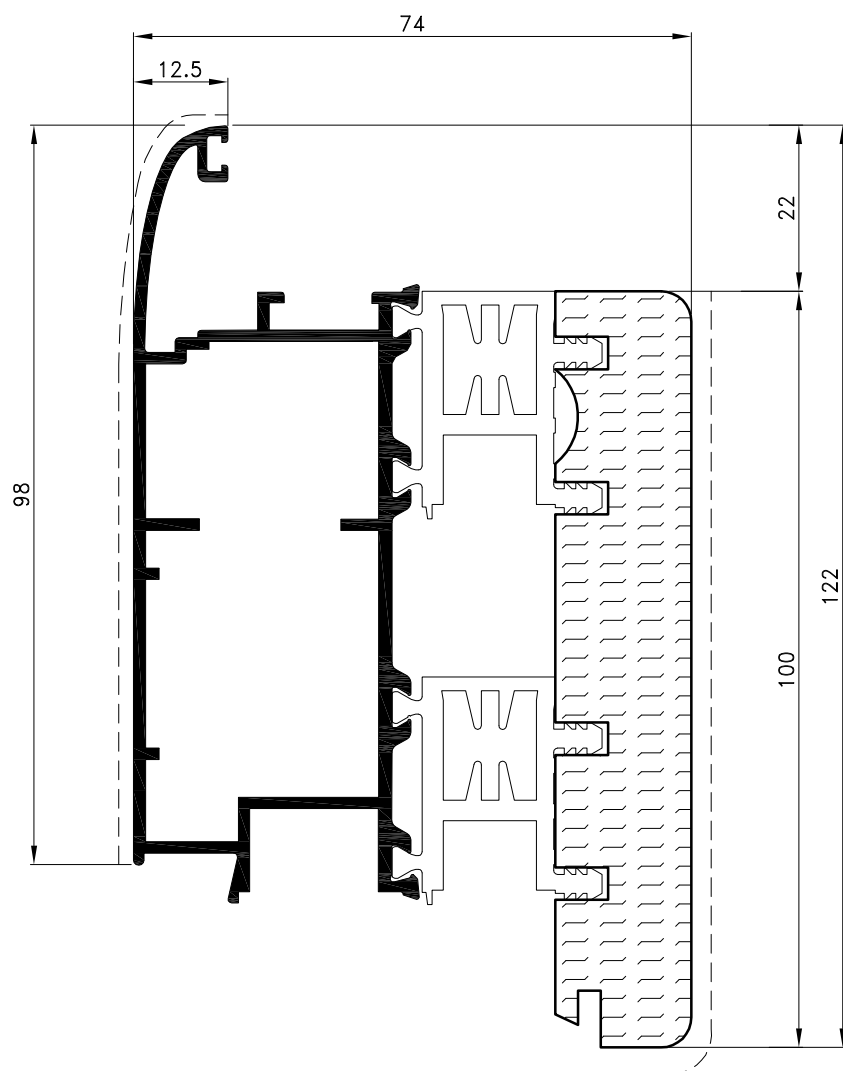
ALD-110 c
težina kg/m
svj. povr.mm 135



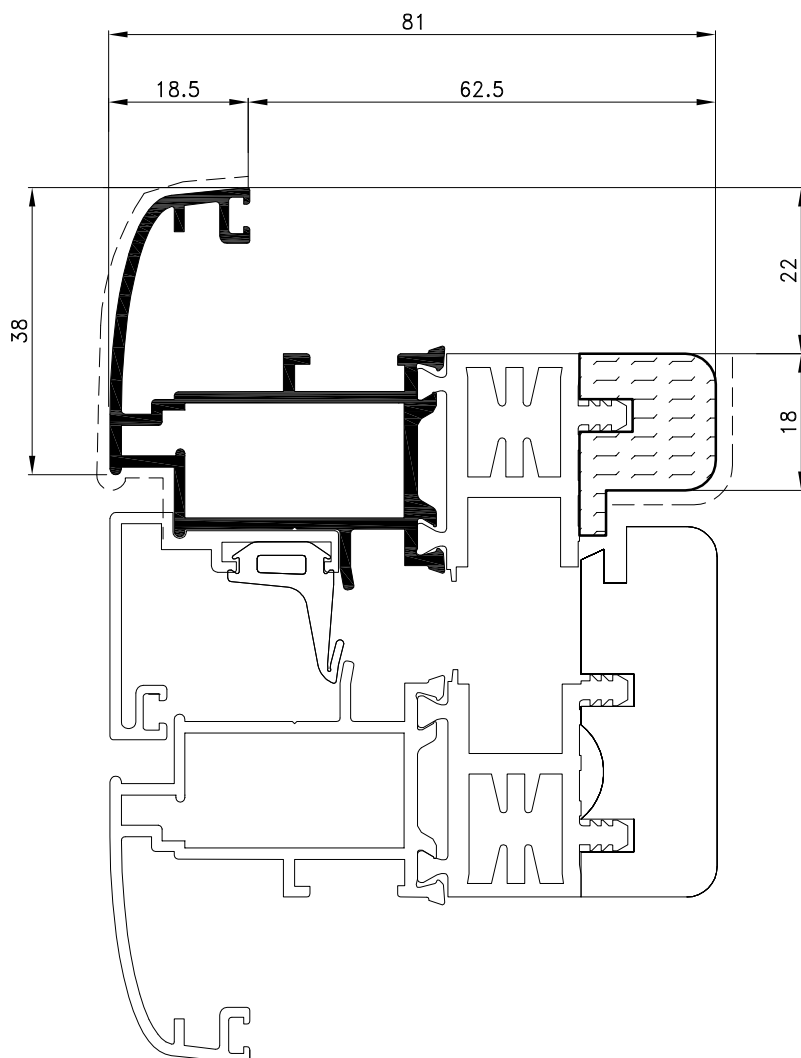
ALD-115 c
težina kg/m
svj. povr.mm 135



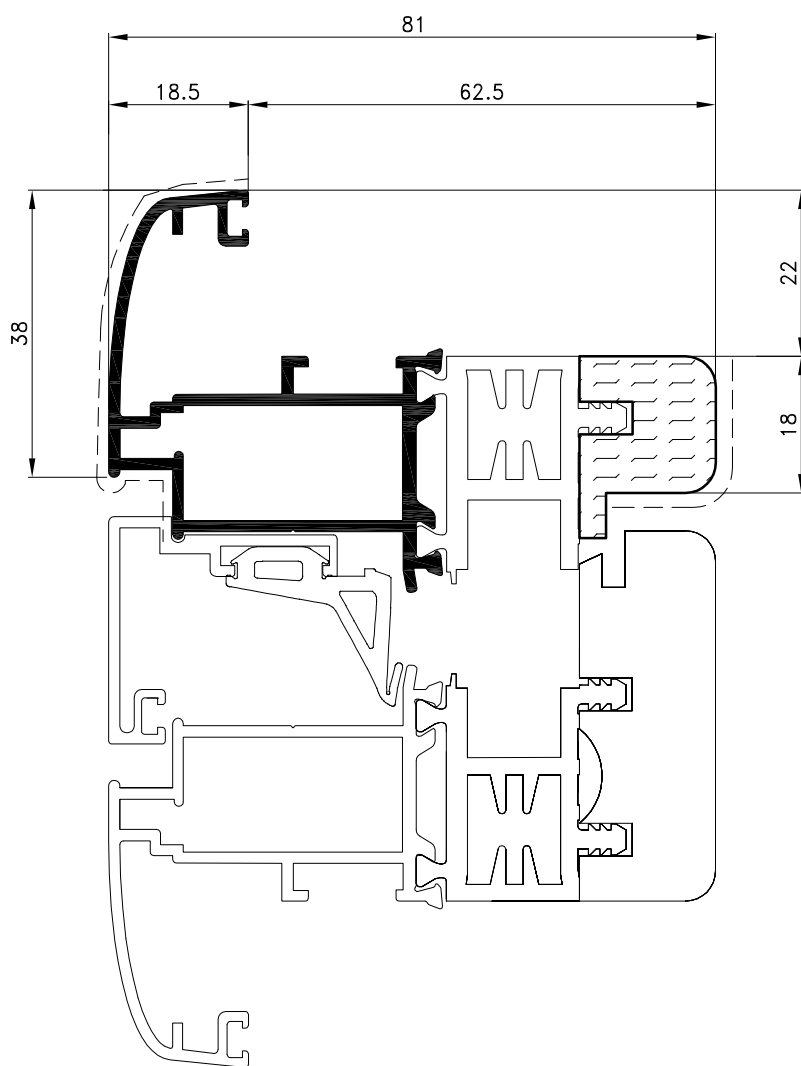
ALD-114 c
težina kg/m
svj. povr.mm 127



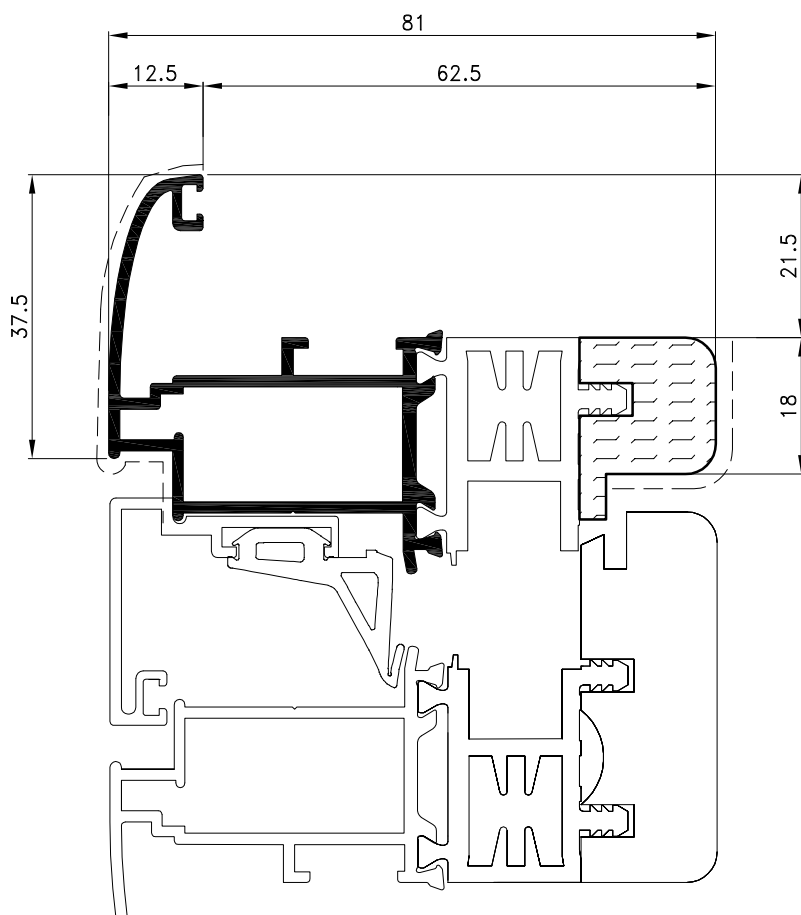
ALD-113 c
težina kg/m
svj. povr.mm 220



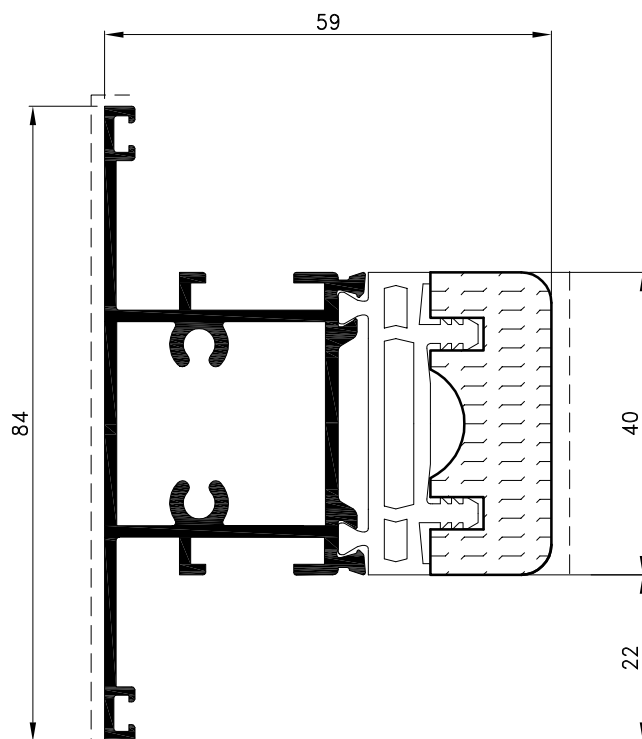
ALD-111 c
 težina kg/m
 svj. povr.mm 105



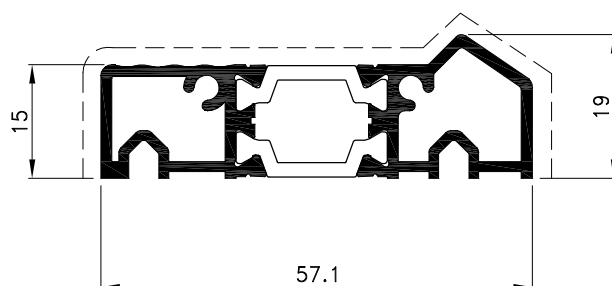
ALD-115/A c
težina kg/m
svj. povr.mm 105



ALD-114/A c
težina kg/m
svj. povr.mm 97



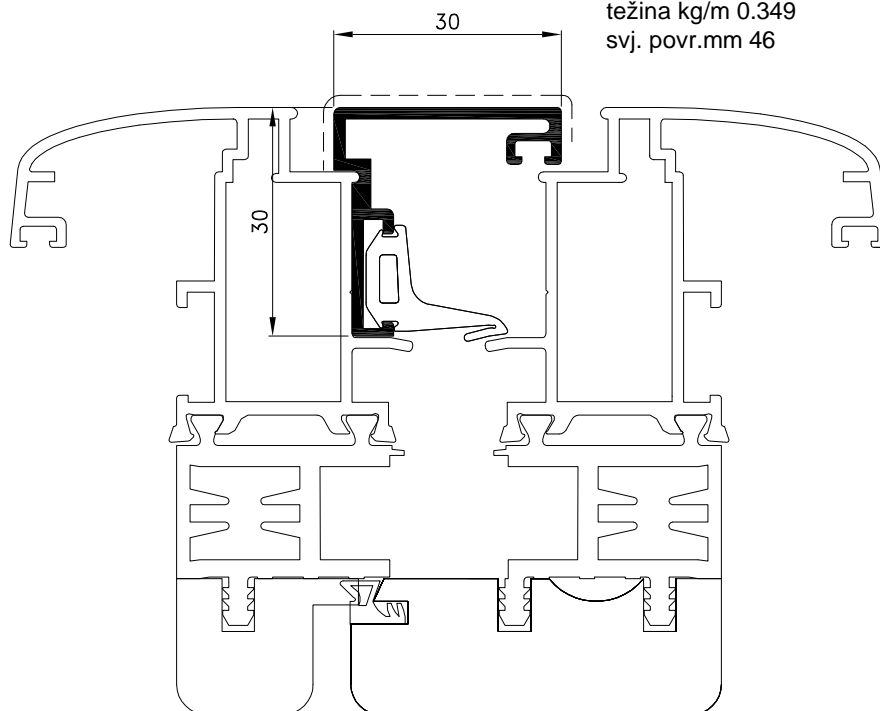
ALD-120 c
težina kg/m
svj. povr.mm 132



ALD-140c
težina kg/m 0.860
svj. povr.mm 90

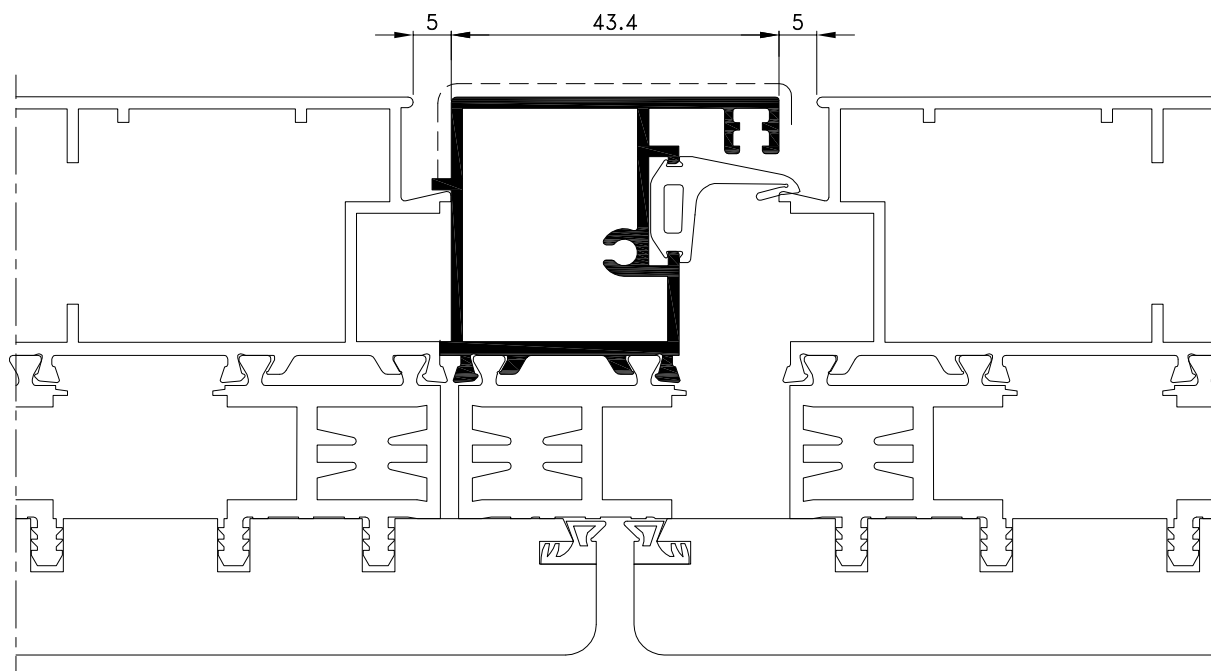
DA-43

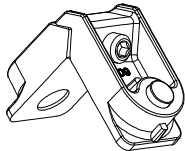
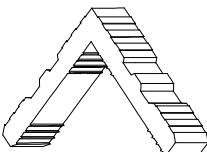
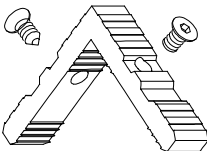
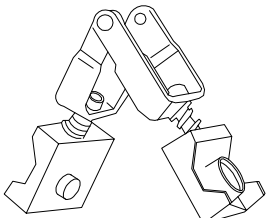
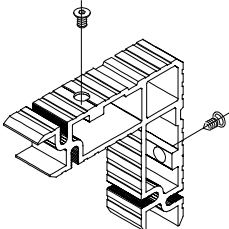
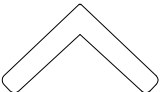
težina kg/m 0.349
svj. povr.mm 46



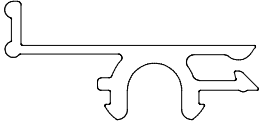
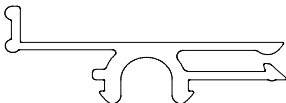
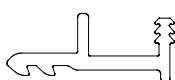
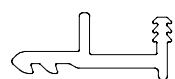
ALD-130c

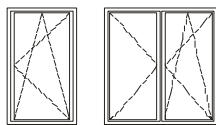
težina kg/m
svj. povr.mm 59



CODE	Izgled-presjek	Opis	Materijal	Nap.
730.008		- Kutna spojnica prozora-za komoru 29x15.2 - Stara oznaka: 0409 ,1001	Zamak #3	
710.035		l=28,5mm - Kutna spojnica za komoru 29x15.2 - Stara oznaka K-0868-A	Al.	
710.075		l=28,5mm - Kutna spojnica za komoru 29x15.2 - Stara oznaka K-0868	Al.	
	M8x13			
731.001		- Kutna spojnica za promjenjiv kut za komoru 29x15.2 - Stara oznaka: 0909	Zamak #3	
710.108		- Kutna spojnica za komoru 29X35.3-nesimetrična - Stara oznaka K-0795/W	Al.	
730.002		- Kutna spojnica za komoru 1.7x4.7 - Stara oznaka: G112/A	Inox	

CODE	Izgled-presjek	Opis	Materijal	Nap.
730.005		<ul style="list-style-type: none"> - Kutna spojnica za komoru 27.5x4 - Stara oznaka: K65-01 	Zamak #3	
710.066	<p>M8x13 M6x10</p>	<ul style="list-style-type: none"> - Veznik (L=14.7mm) - Stara oznaka E-200 	Al.	
373.003		<ul style="list-style-type: none"> - Maska za drenažni otvor - Stara oznaka: 2328 	PVC	
365.045		<ul style="list-style-type: none"> - Umetak za profil ALD 130 (donji i gornji) - Stara oznaka: UDA 3 	Tvrda guma	
365.046		<ul style="list-style-type: none"> - Umetak za profil DA-43 (donji i gornji) - Stara oznaka: UDA 2 	Tvrda guma	
130.001		<ul style="list-style-type: none"> - Garnitura za otklopno-zaokretni prozor (jednokrilni i dvokrilni) - Stara oznaka: FAVORIT Si Line 312/2312 (Siegenia) 		

CODE	Izgled-presjek	Opis	Materijal	Nap.
370.015		- PVC kopča za D3 - Stara oznaka: K-01	PVC	
370.016		- PVC kopča za D7 - Stara oznaka: K-11	PVC	
370.017		- PVC kopča za D3 - Stara oznaka: K-02	PVC	
370.018		- PVC kopča za D7 - Stara oznaka: K-12	PVC	


 dodatak za
 dvokrilni prozor

39



38 umjesto24



40 umjesto24

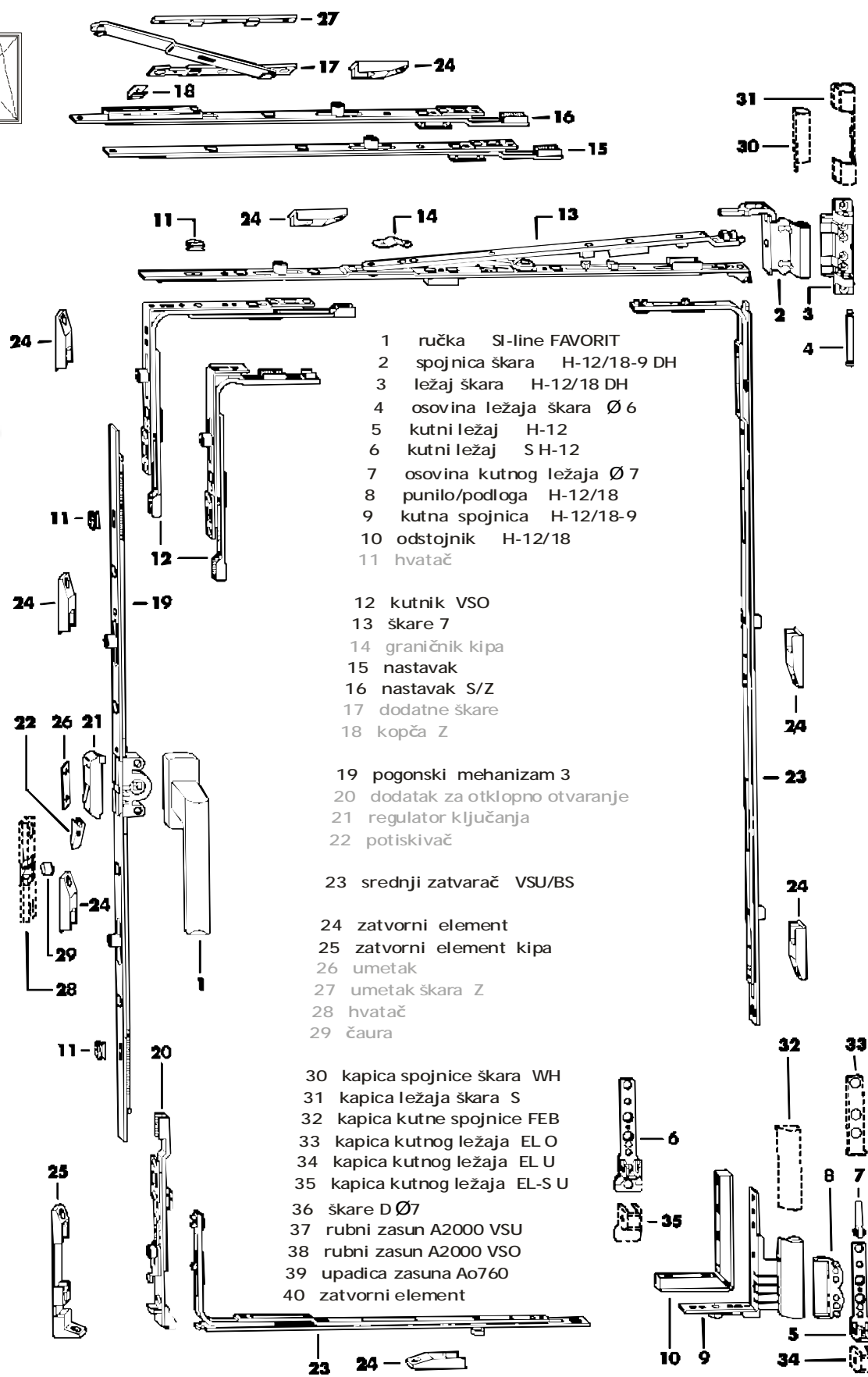


40 umjesto24

37 umjesto25



39



- 1 ručka SI-line FAVORIT
- 2 spojnica škara H-12/18-9 DH
- 3 ležaj škara H-12/18 DH
- 4 osovina ležaja škara Ø 6
- 5 kutni ležaj H-12
- 6 kutni ležaj S H-12
- 7 osovina kutnog ležaja Ø 7
- 8 punilo/podloga H-12/18
- 9 kutna spojnica H-12/18-9
- 10 odstojnik H-12/18
- 11 hvatač
- 12 kutnik VSO
- 13 škare 7
- 14 graničnik kipa
- 15 nastavak
- 16 nastavak S/Z
- 17 dodatne škare
- 18 kopča Z
- 19 pogonski mehanizam 3
- 20 dodatak za otklopno otvaranje
- 21 regulator ključanja
- 22 potiskivač
- 23 srednji zatvarač VSU/BS
- 24 zatvorni element
- 25 zatvorni element kipa
- 26 umetak
- 27 umetak škara Z
- 28 hvatač
- 29 čaura
- 30 kapica spojnice škara WH
- 31 kapica ležaja škara S
- 32 kapica kutne spojnice FEB
- 33 kapica kutnog ležaja EL O
- 34 kapica kutnog ležaja EL U
- 35 kapica kutnog ležaja EL-S U
- 36 škare D Ø7
- 37 rubni zasun A2000 VSU
- 38 rubni zasun A2000 VSO
- 39 upadica zasuna A0760
- 40 zatvorni element



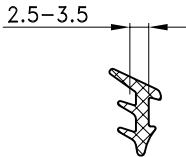
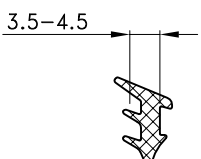
FEAL/ZGON c

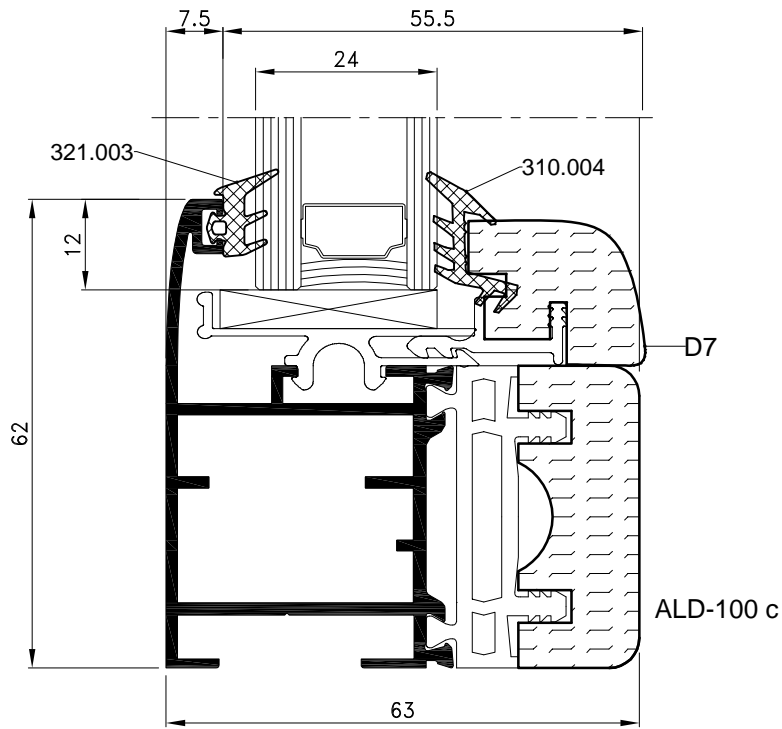
FAVORIT Si/line - 312 / 2312
Garnitura za dvokrilni i jednokrilni prozor

103-005

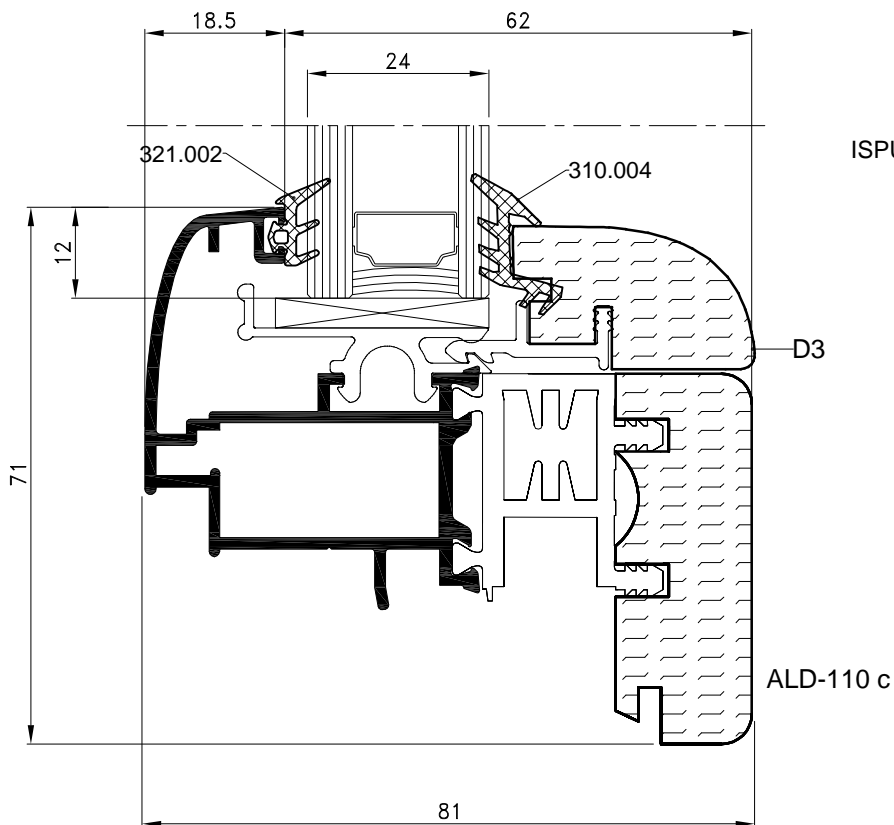
Poz.	Naziv artikla	Šifra	FFB-širina krila u žlijebu /mm/									
			290-410	411-570	571-800	801-1030	1031-1260	1261-1490				
2	Spojnica škara H12/18-9 DH	226032	1	2	1	2	1	2	1	2	1	2
3	Ležaj škara H12/18-9 DH	226063	1	2	1	2	1	2	1	2	1	2
4	Osovina ležaja škara Ø 6	226087	1	2	1	2	1	2	1	2	1	2
5	Kutni ležaj H12	226094	1	2	1	2	1	2	1	2	1	2
7	Osovina kutnog ležaja Ø 7	226100	1	2	1	2	1	2	1	2	1	2
8	Podloga PVC H12/18	226117	1	2	1	2	1	2	1	2	1	2
9	Kutna spojnica H12/18-9 D	272558	1	1	1	1	1	1	1	1	1	1
9	Kutna spojnica H12/18-9 L	272565	1	1	1	1	1	1	1	1	1	1
10	Odstojnik H12/18	250631	1	2	1	2	1	2	1	2	1	2
12	Kutnik VSO kratki	203675	1	1								
12	Kutnik VSO	200315			1	1	1	1	1	1	1	1
13	Škare 7 Gr.30	200520	1	1	1	1						
13	Škare 7 Gr.35 MV	200544			1	1						
13	Škare 7 Gr.50 MV	200568					1	1			1	1
13	Škare 7 Gr.55 MV	200582							1	1		
15/16	Nastavak Gr.460 MV	203989									1	1
25	Zatvorni element DK A 1361	208700	1		1		1		1		1	
36	Škare D Ø 7	200605	1	1	1	1	1	1	1	1	1	1
37	Rubni zasun A2000 VSU	224335	1	1	1	1	1	1	1	1	1	1
38	Rubni zasun A2000 VSO	224342	1	1	1	1	1	1	1	1	1	1
39	Upadica zasuna AO760	212462	2	2	2	2	2	2	2	2	2	2
FFH-visina krila u žlijebu /mm/												
FFH - (360-430)												
19	Pog. mehanizam 23 Gr. 40 G125	201015	1	1	1	1						
24	Zatvorni element A 1361	209202	1	1	1	2	2	2	2	3	3	
FFH - (431-600)												
19	Pog. mehanizam 23 Gr. 50 G190	201022	1	1	1	1	1					
24	Zatvorni element A 1361	209202	1	1	1	2	2	2	2	3	3	
FFH - (601-800)												
19	Pog. mehanizam 23 Gr. 60 G290	201039	1	1	1	1	1	1	1			
24	Zatvorni element A 1361	209202	1	1	1	2	2	2	2	3	3	
FFH - (801-1000)												
19	Pog. mehanizam 23 Gr. 80MV G390	201060	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 50MV	200254									1	1
24	Zatvorni element A 1361	209202	3	2+1 *	3	2+1 *	4	3+1 *	4	3+1 *	5	4+1 *
FFH - (1001-1200)												
19	Pog. mehanizam 23 Gr. 100MV G490	201107	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 50MV	200254									1	1
24	Zatvorni element A 1361	209202	3	2+1 *	3	2+1 *	4	3+1 *	4	3+1 *	5	4+1 *
FFH - (1201-1400)												
19	Pog. mehanizam 23 Gr. 120MV G590	201138	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 70MV	200278	1	1	1	1	1	1	1	1	1	1
24	Zatvorni element A 1361	209202	3	2+1 *	3	2+1 *	4	3+1 *	4	3+1 *	5	4+1 *
FFH - (1401-1600)												
19	Pog. mehanizam 23 Gr. 140MV G690	201169	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 70MV	200278	1	1	1	1	1	1	1	1	1	1
24	Zatvorni element A 1361	209202	3	2+1 *	3	2+1 *	4	3+1 *	4	3+1 *	5	4+1 *
FFH - (1601-1800)												
19	Pog. mehanizam 23 Gr. 160MV G690	201176	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 90MV	200292	1	1	1	1	1	1	1	1	1	1
24	Zatvorni element A 1361	209202	3	2+1 *	3	2+1 *	4	3+1 *	4	3+1 *	5	4+1 *
FFH - (1801-2000)												
19	Pog. mehanizam 23 Gr.180TL G1090	201183	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 130TL	200346	1	1	1	1	1	1	1	1	1	1
24	Zatvorni element A 1361	209202	5	3+2 *	5	3+2 *	6	4+2 *	6	4+2 *	7	5+2 *
FFH - (2001-2200)												
19	Pog. mehanizam 23 Gr.200TL G1090	201190	1	1	1	1	1	1	1	1	1	1
23	Srednji zatvarač VSU/BS Gr. 130TL	200278	1	1	1	1	1	1	1	1	1	1
24	Zatvorni element A 1361	209202	5	3+2 *	5	3+2 *	6	4+2 *	6	4+2 *	7	5+2 *
40	* zatvorni element A 2000 - koristi se za dvokrilni prozor											
	□ - koristi se za dvokrilni prozor											

CODE	Izgled-presjek	Opis	Materijal	Nap.
331.005		- Srednja brtva - Stara oznaka: Z103	EPDM	61
330.002		- Srednja brtva za profil ALD 113c - Stara oznaka - C103	EPDM	61
310.003		- Brtva na krilu - Stara oznaka - 690 072 (D-17)	EPDM	61
310.004		- Brtva prema staklu (unutarnja) - Stara oznaka - 652 739 (D-24)	EPDM	61
321.002		- Brtva prema staklu /vanjska/ - Stara oznaka - (Z111)	EPDM	61
321.003		- Brtva prema staklu /vanjska/ - Stara oznaka - (Z113)	EPDM	61

CODE	Izgled-presjek	Opis	Materijal	Nap.
311.001		- Brtva prema staklu - Stara oznaka - (921)	EPDM	61
311.002		- Brtva prema staklu - Stara oznaka - (918)	EPDM	61

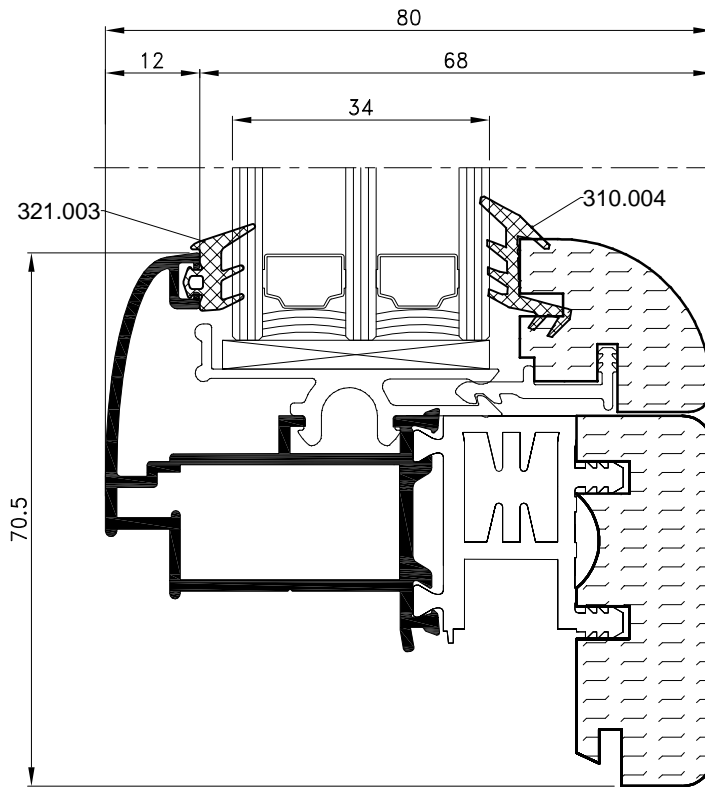


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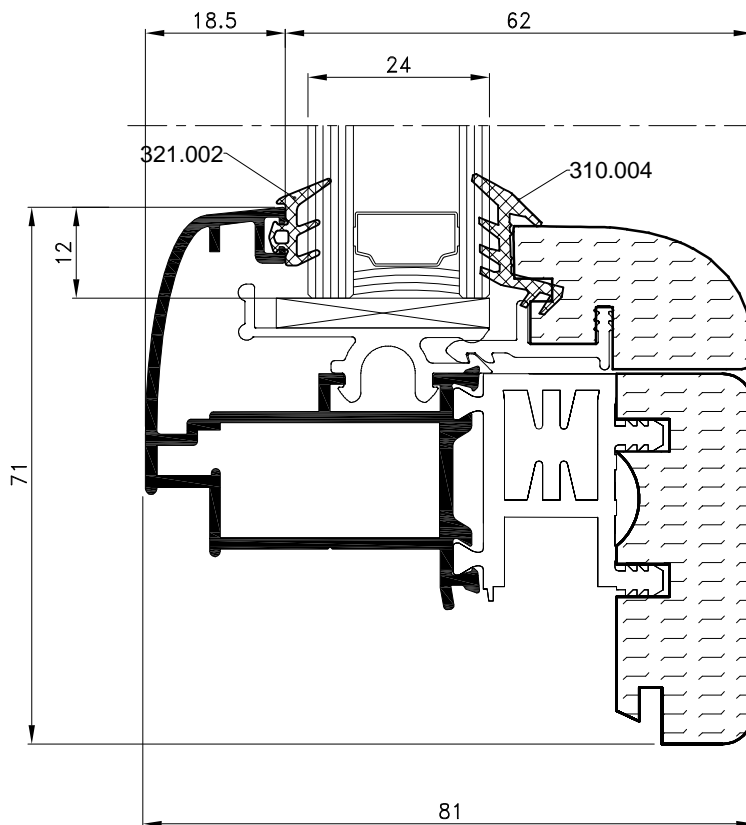
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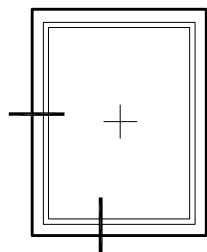


ALD-114 c

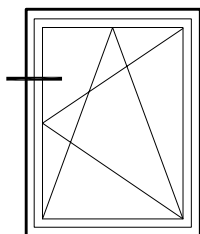
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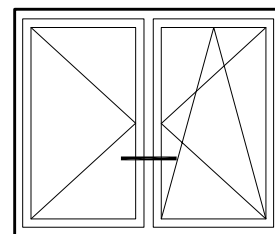
ALD-115 c



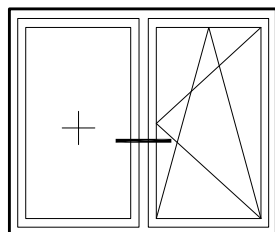
str. 01



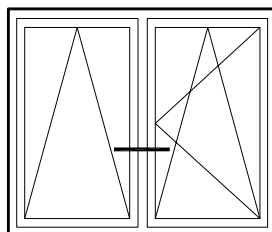
str. 02



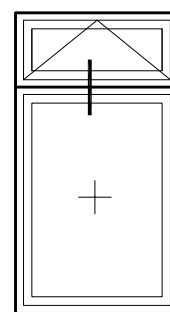
str. 04



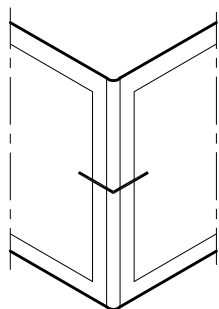
str. 05



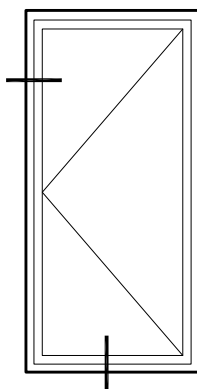
str. 06



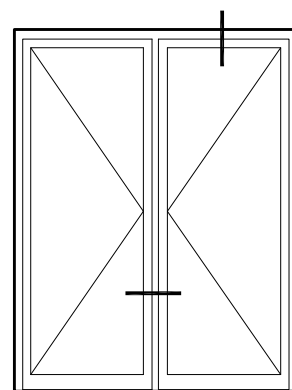
str. 07



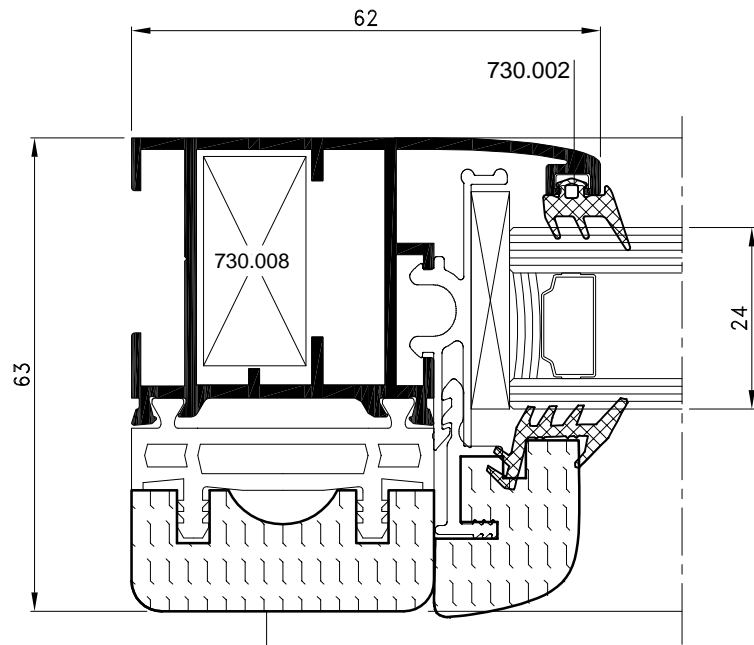
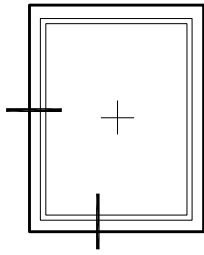
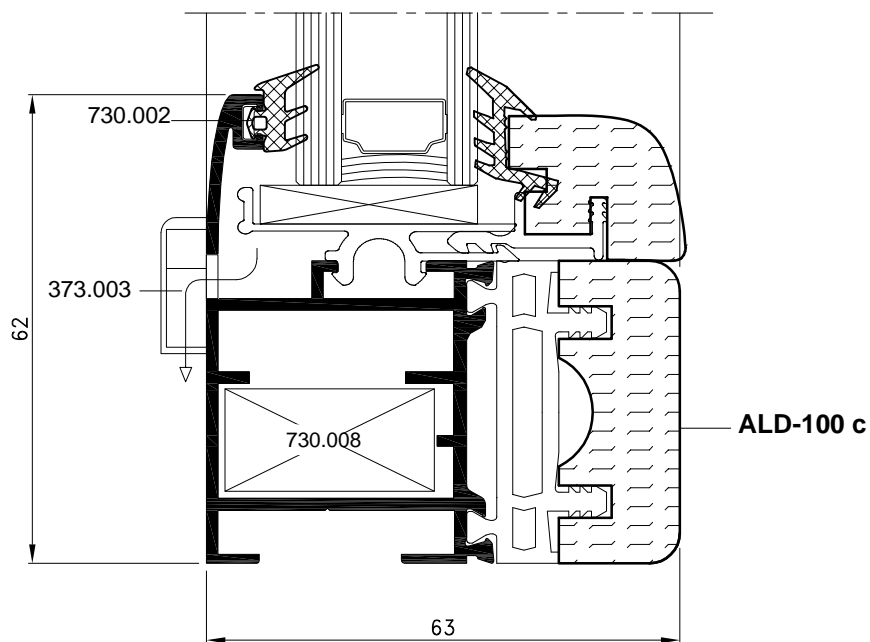
str. 08

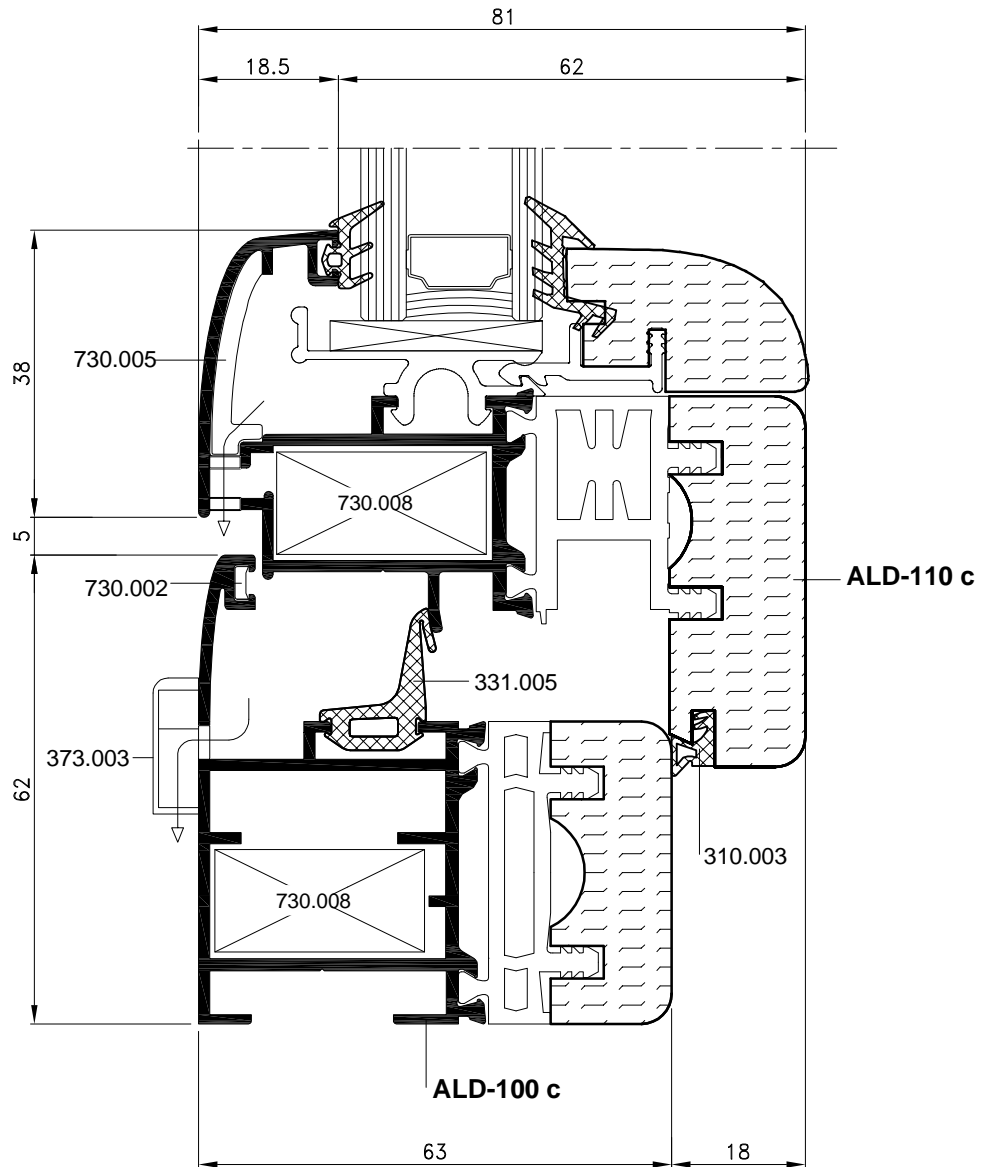
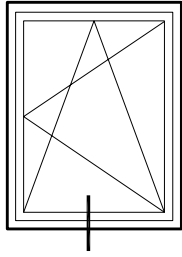


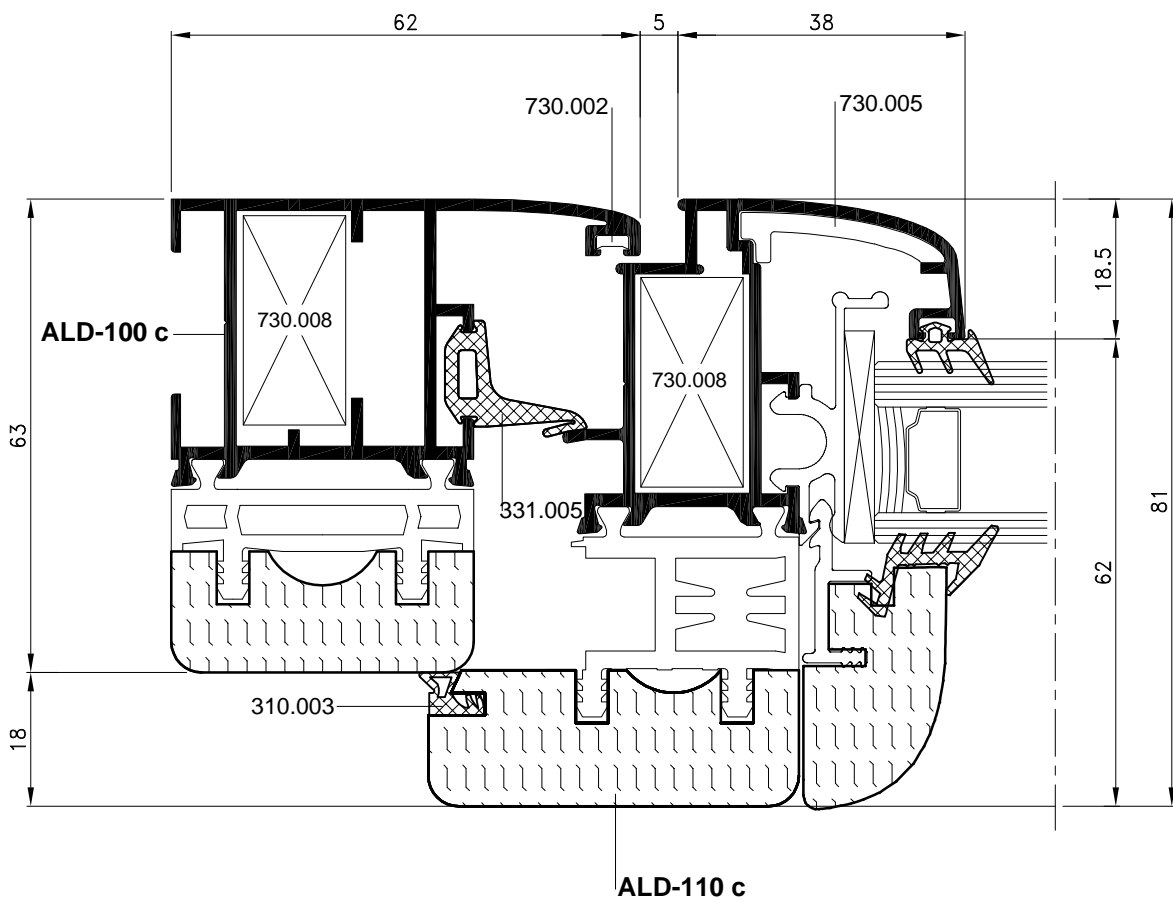
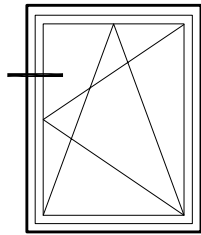
str. 09,10

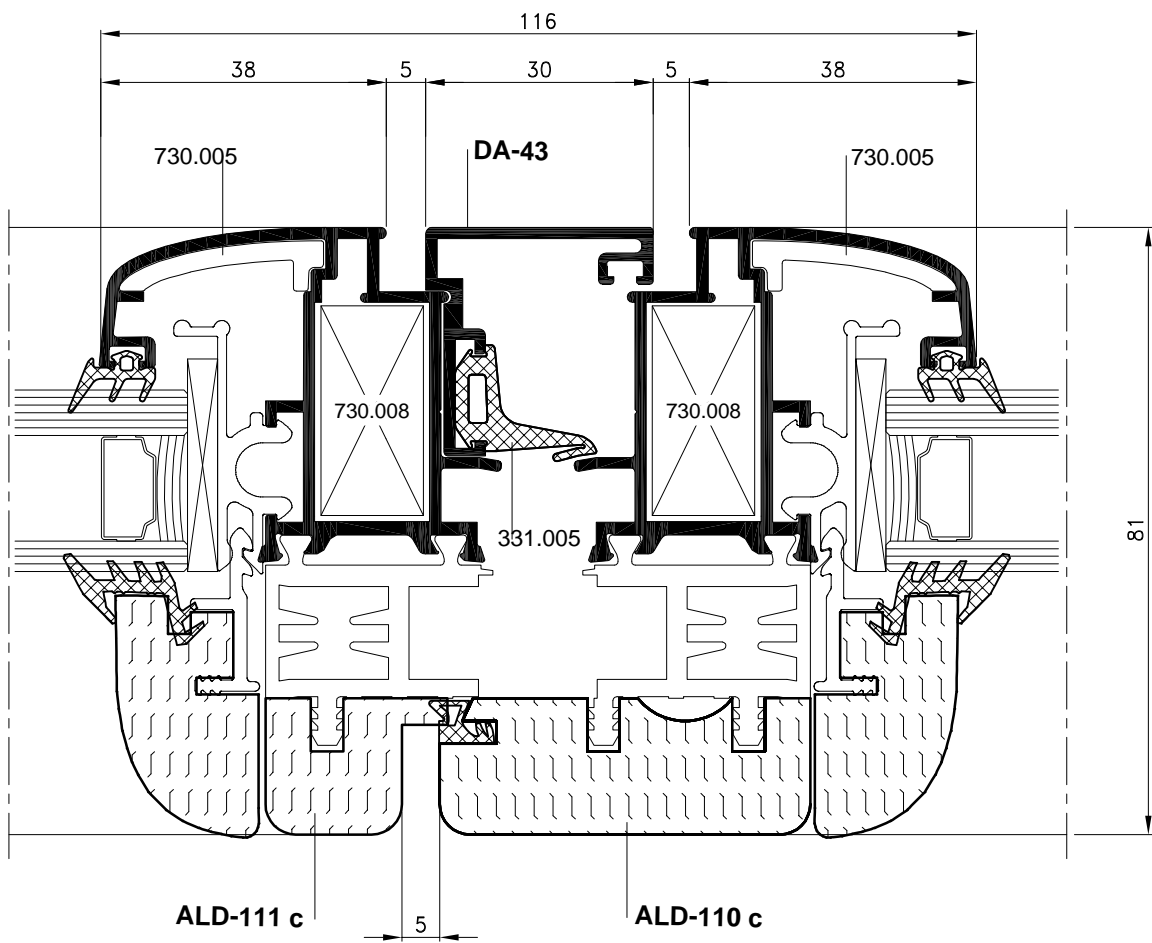
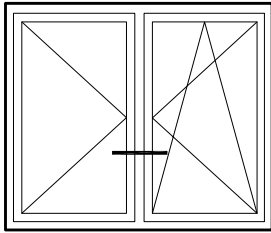


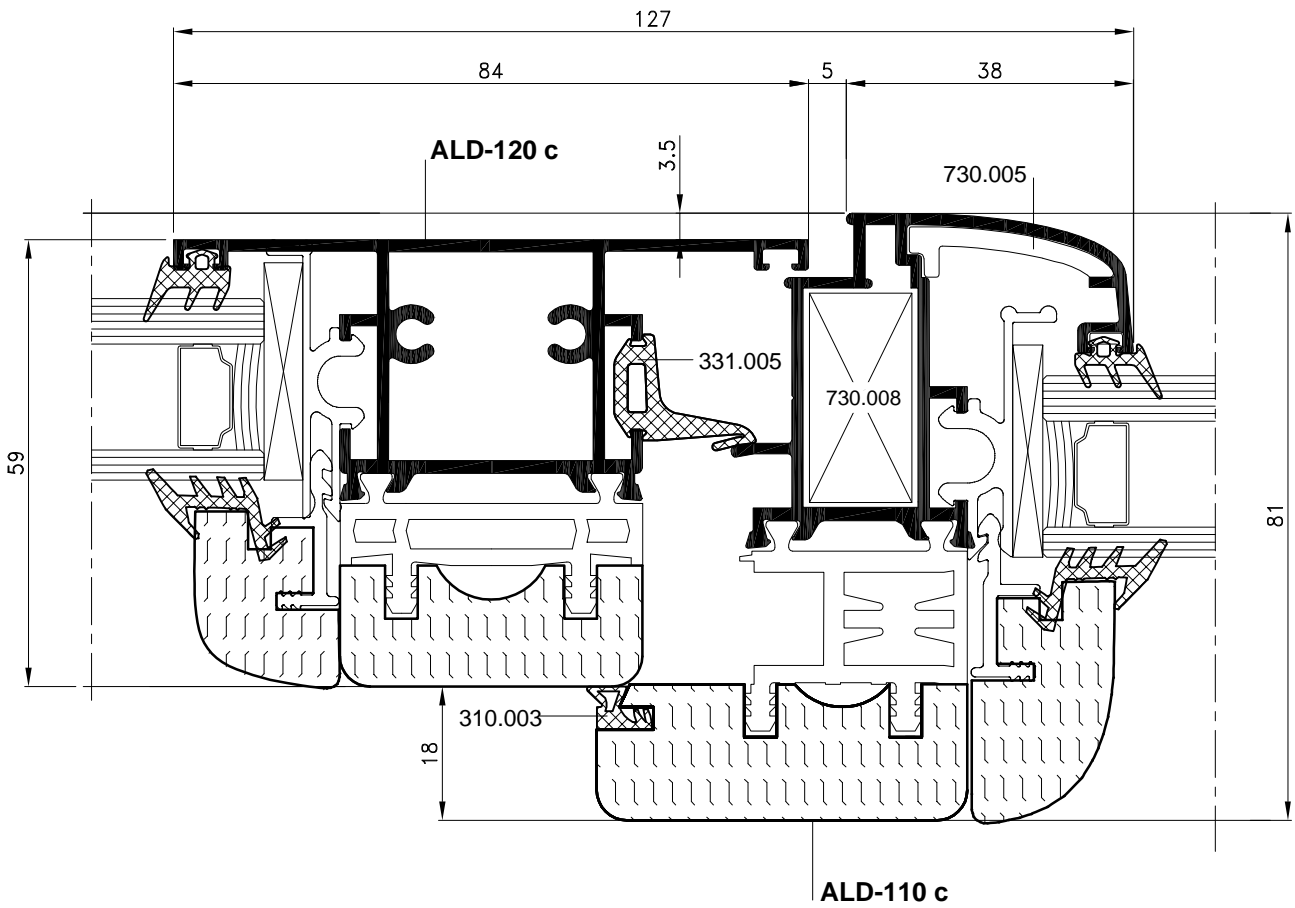
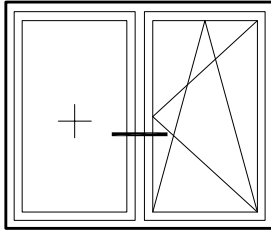
str. 11

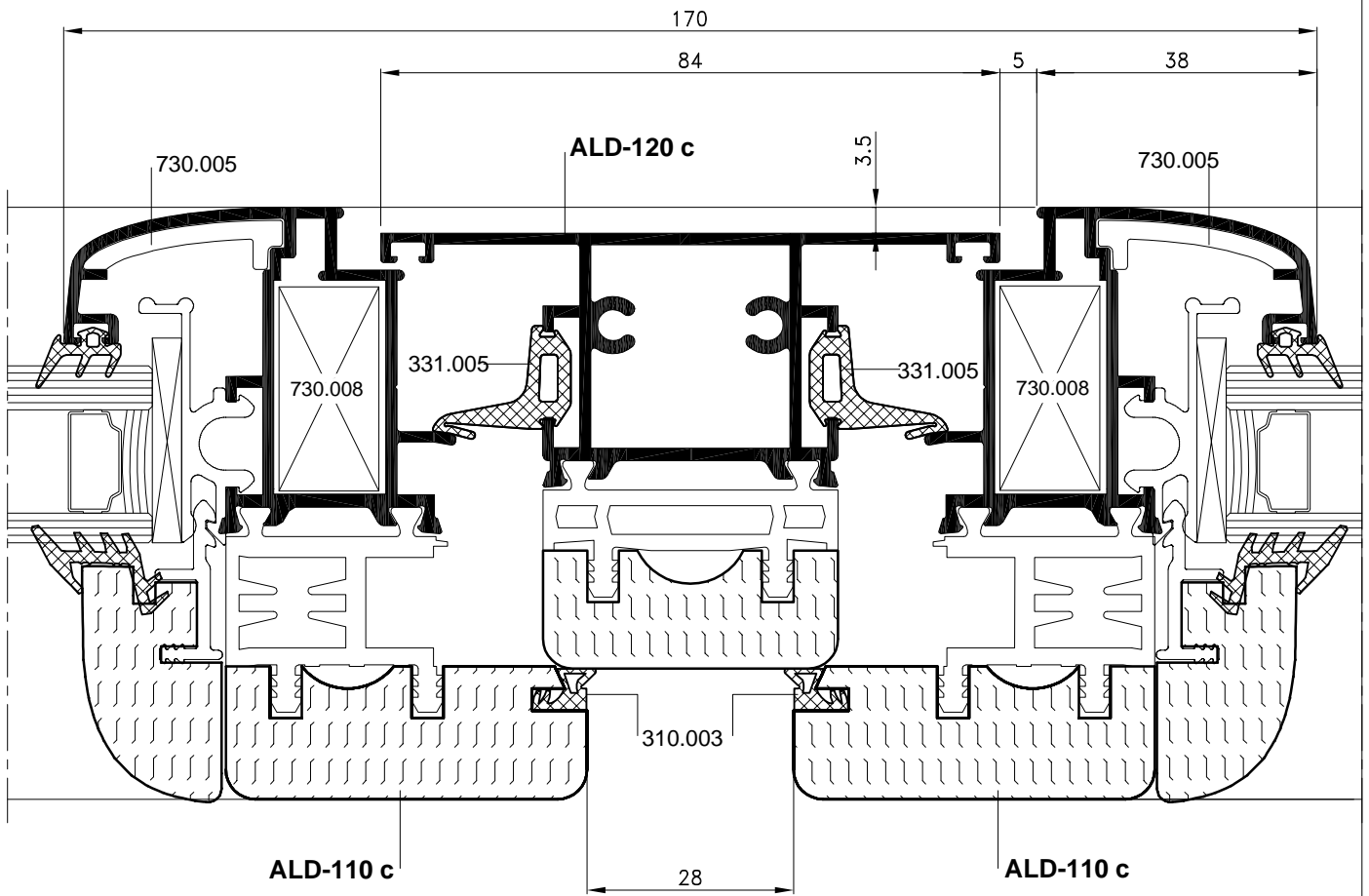
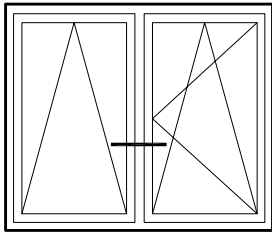
**ALD-100 c****ALD-100 c**

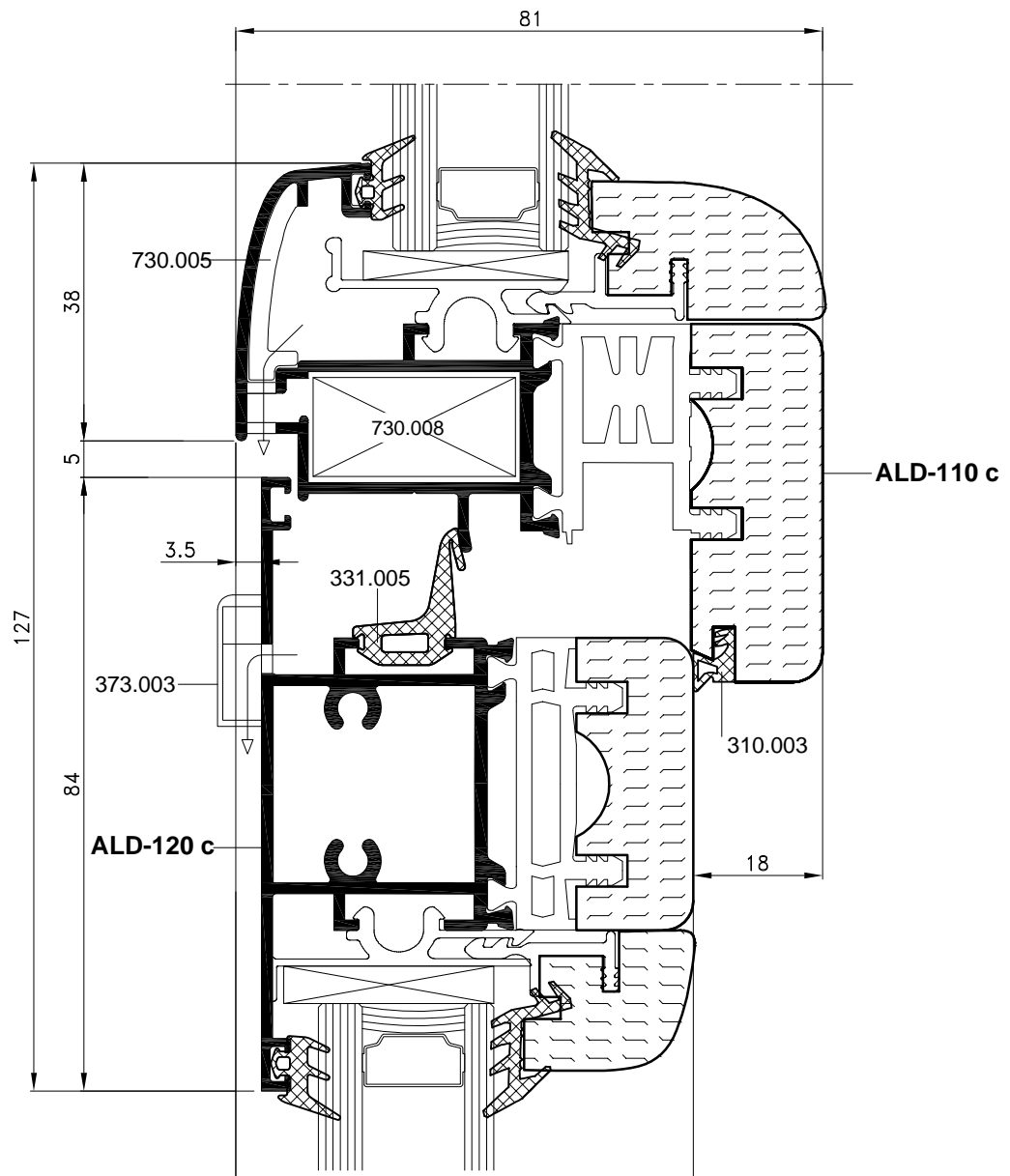
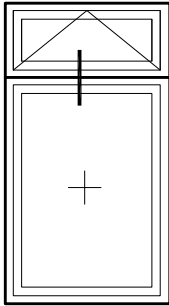




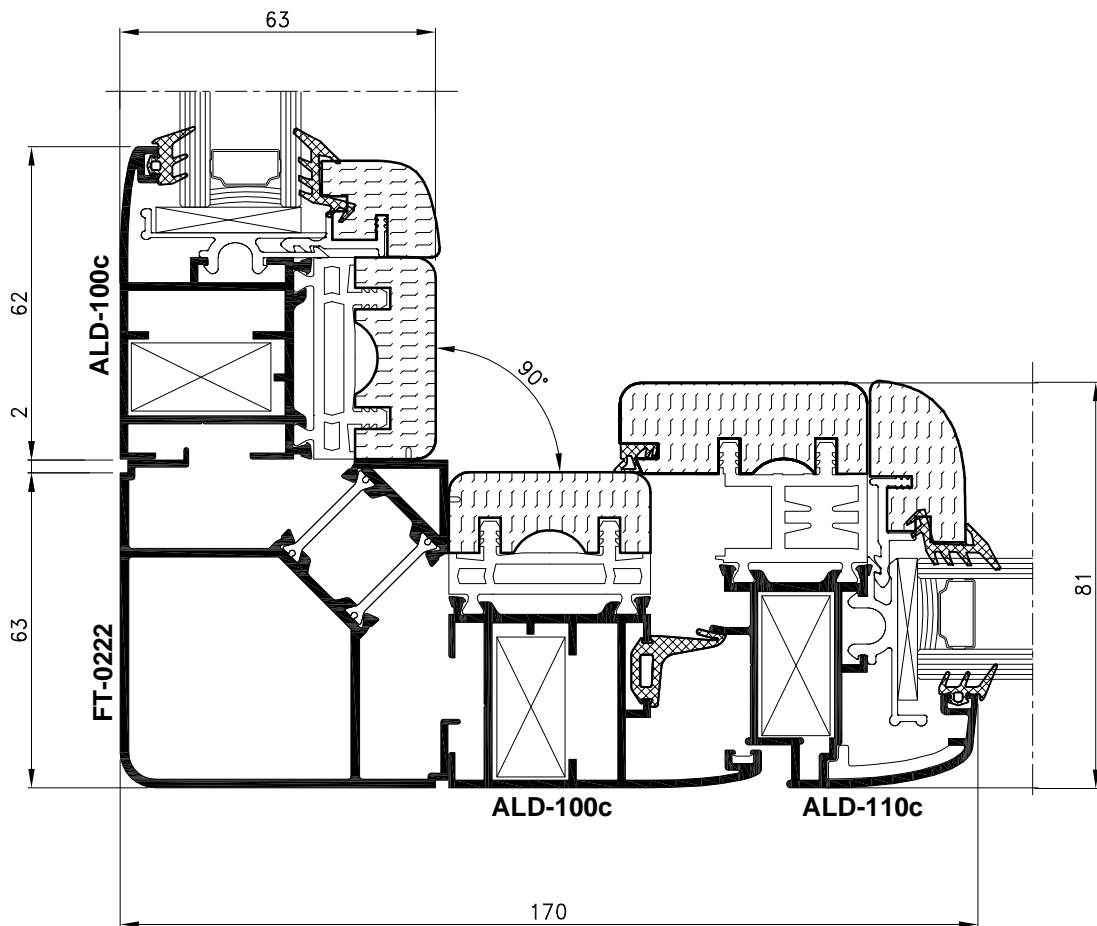
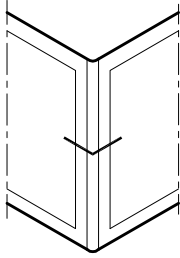


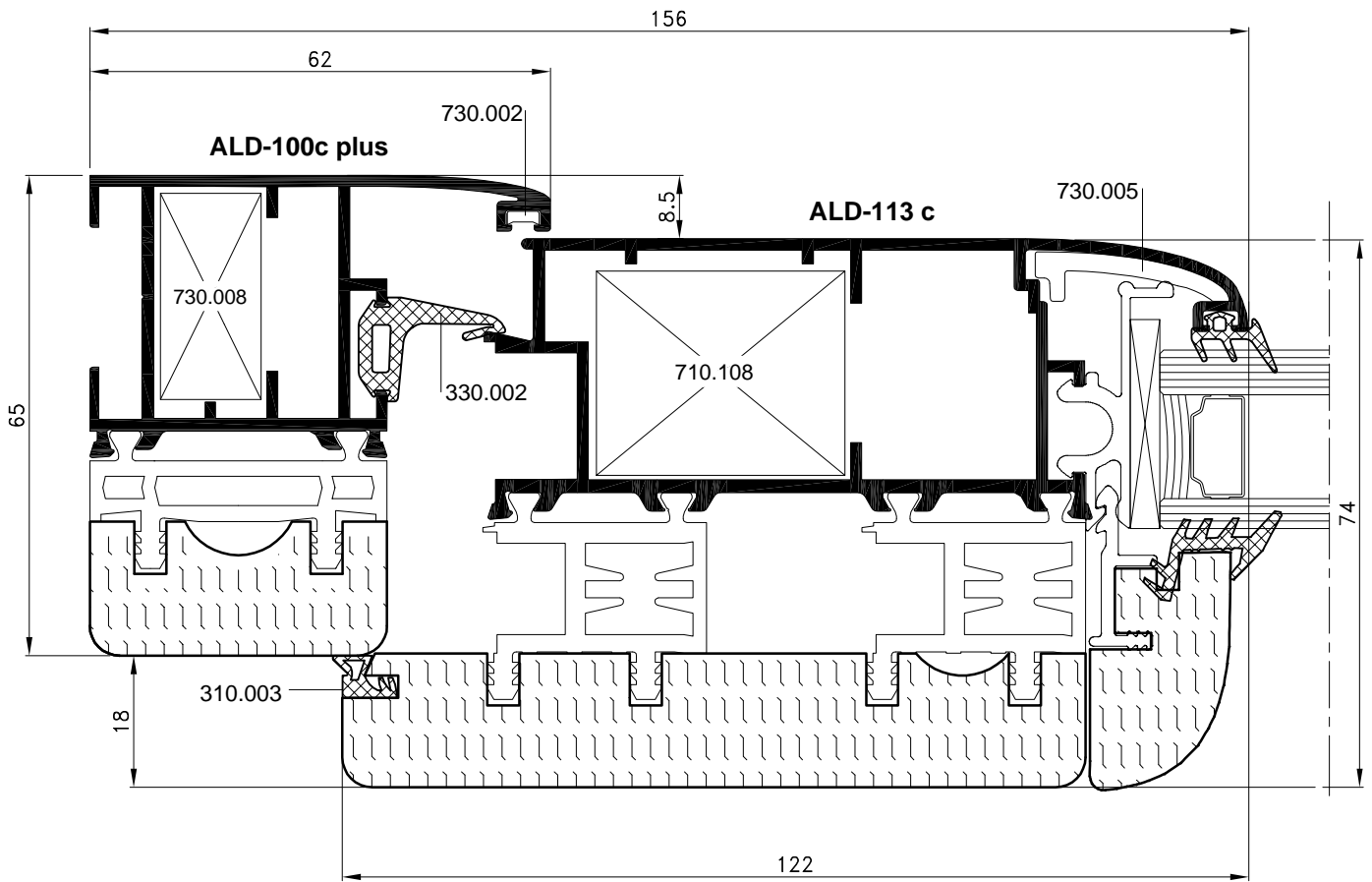
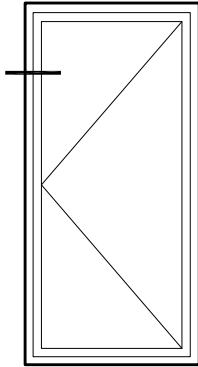


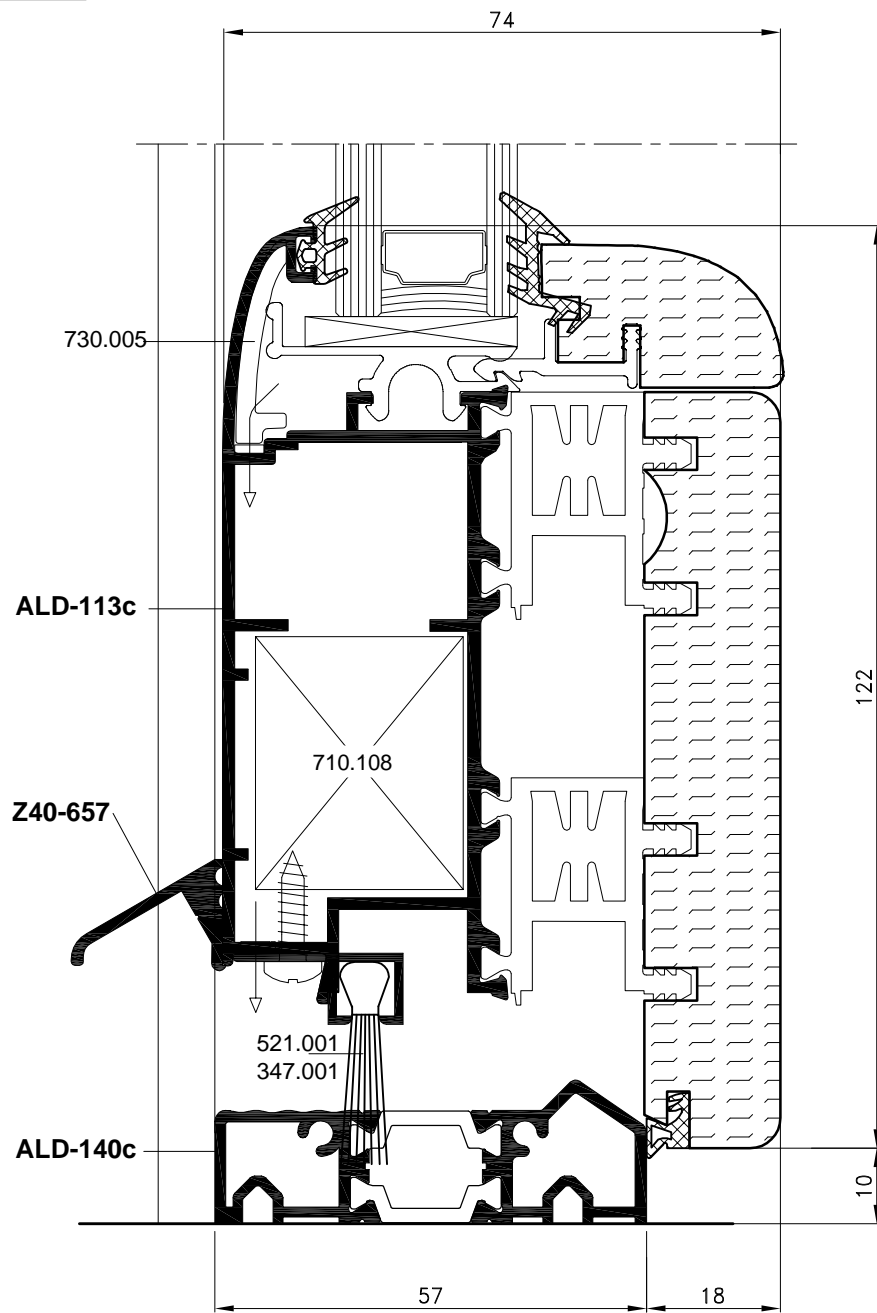
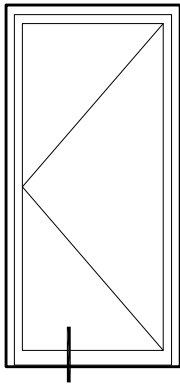


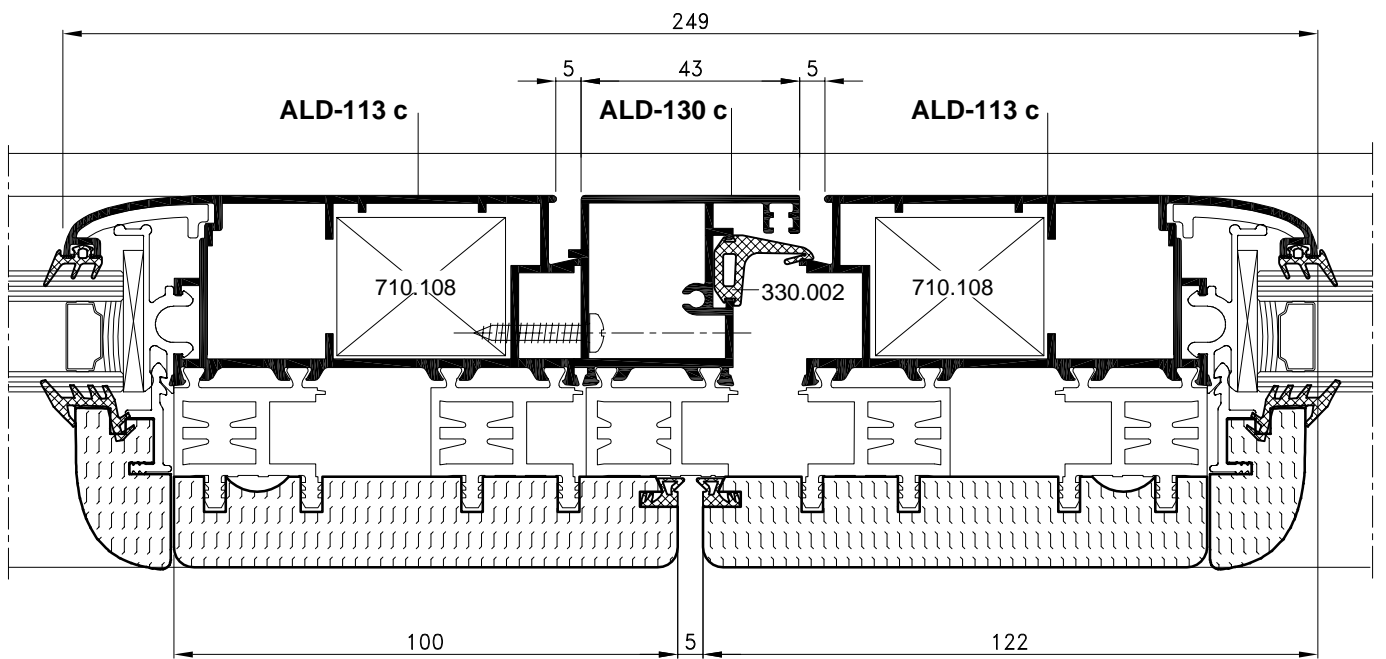
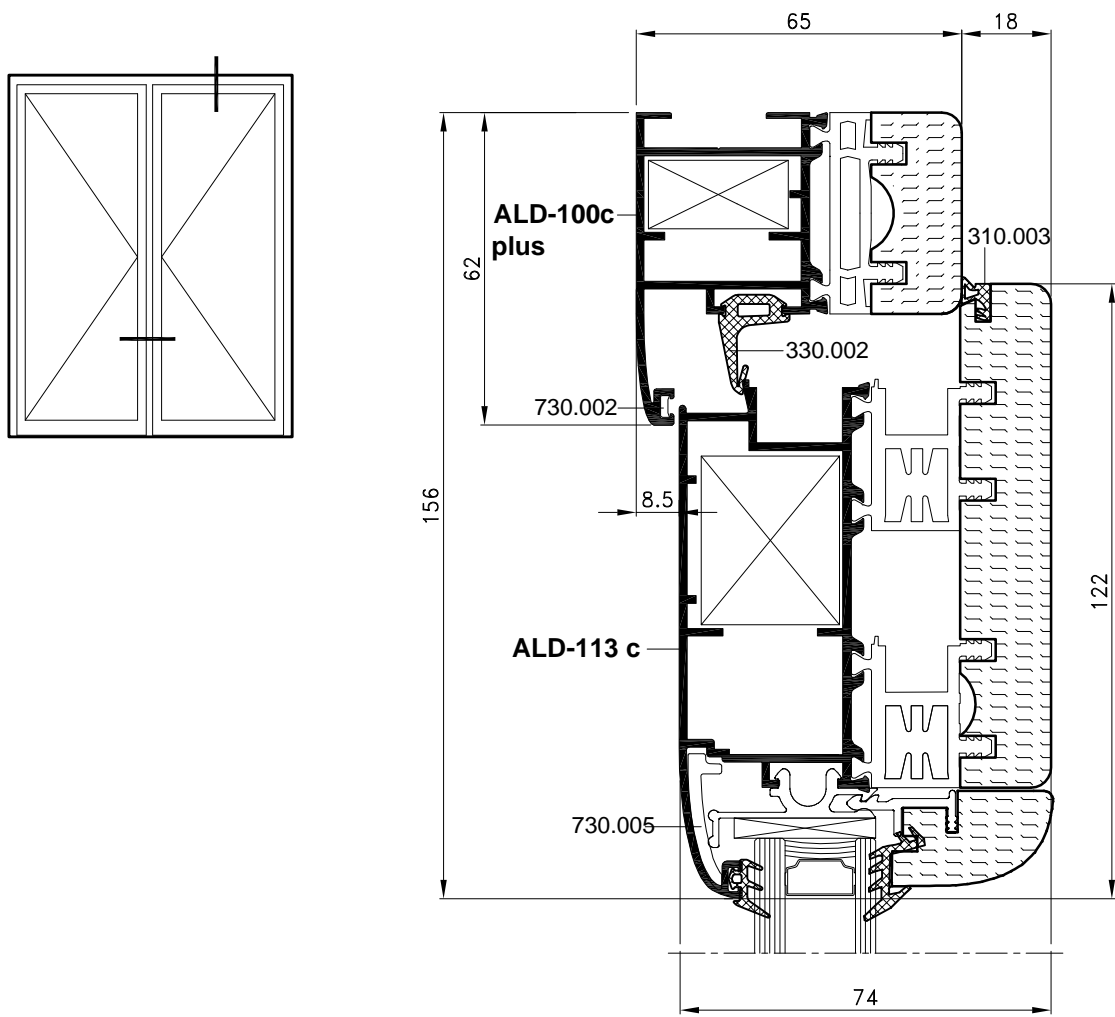


KUT PREMA UNUTRA





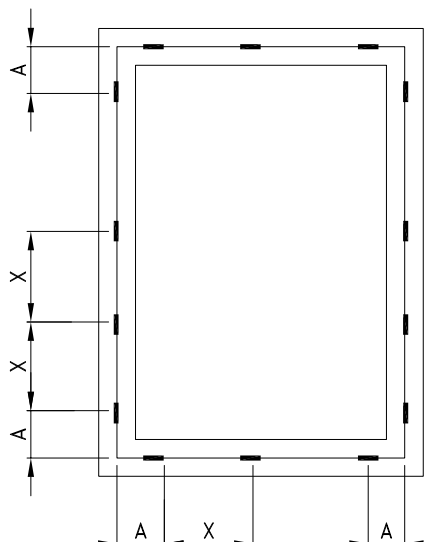
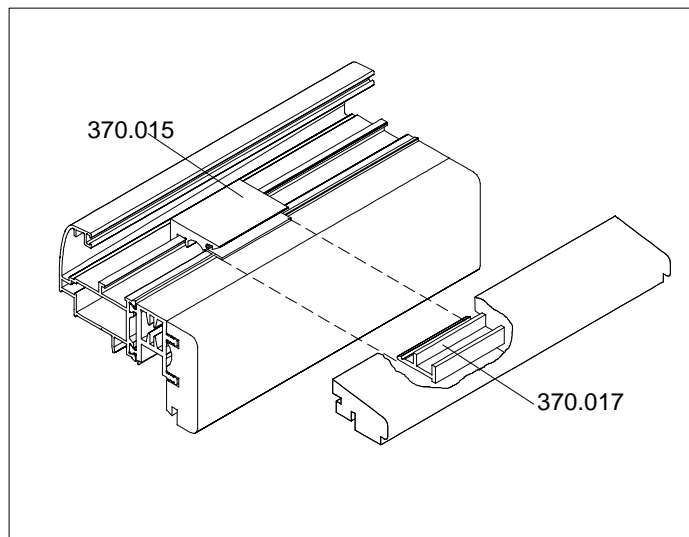
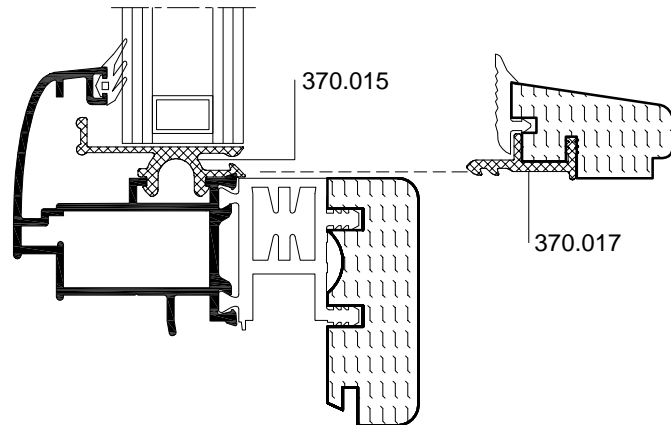




DETALJI I OBRADA

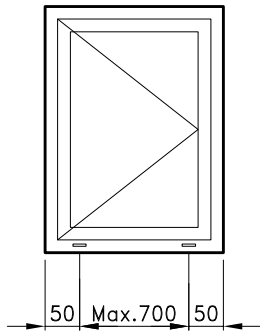
UGRADNJA LAJSNE ZA STAKLO

- kopčama 370.015 i 370.017
- materijal kopči-pvc
- "KLIK" ugradnja
- način ugradnje isti za krilo i ram



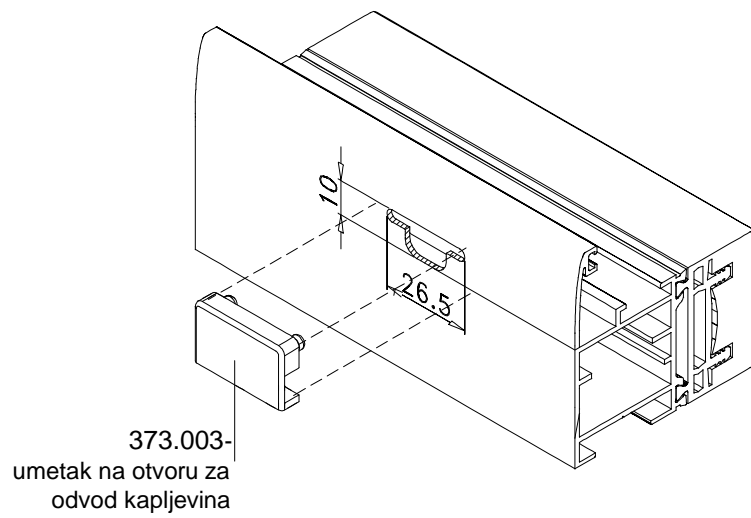
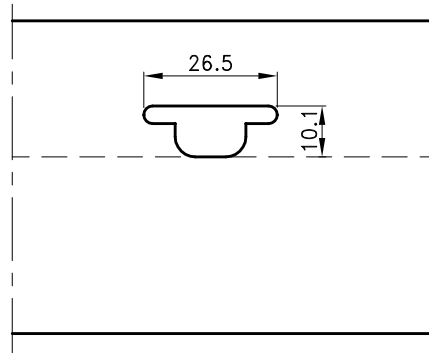
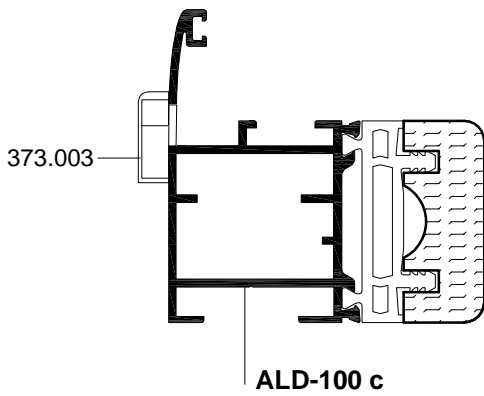
RASPORED ELEMENATA ZA
KOPČANJE 370.015 i 370.017

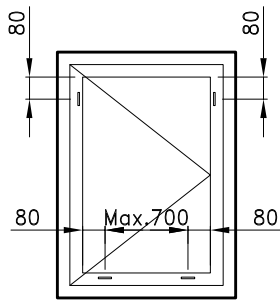
A= max. 100 mm
X= max. 250 mm



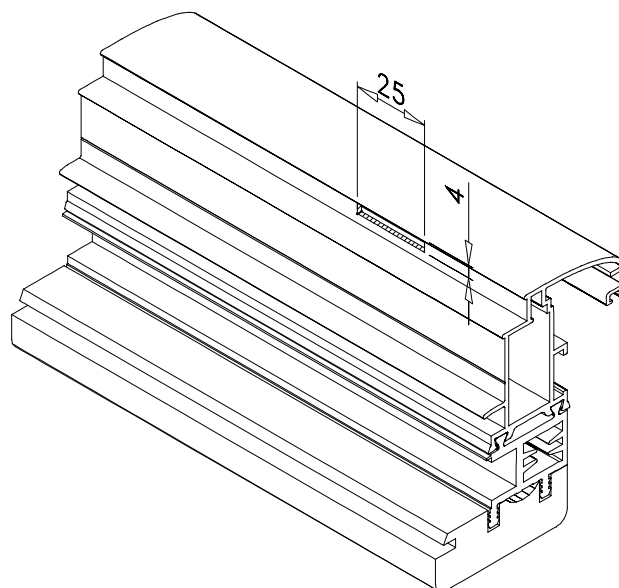
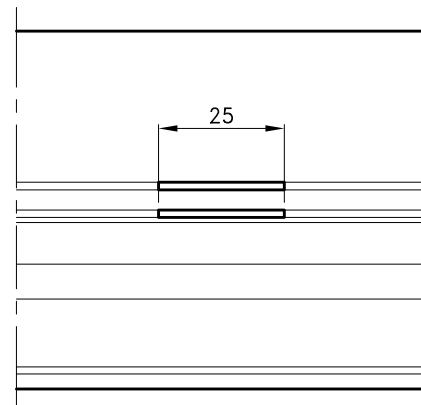
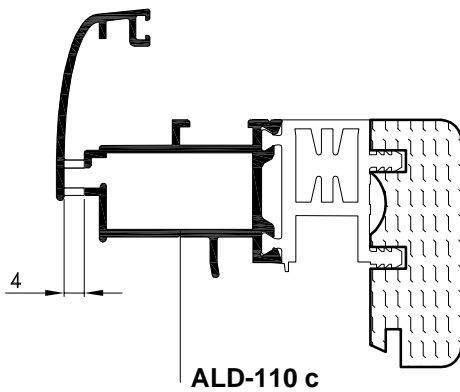
**ODVOD KAPLJEVINA
IZ PROFILA RAMA ALD 100 c**

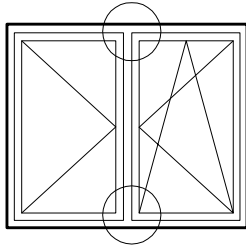
- obrada na profilu
- pvc umetak 373.003




**ODVOD KAPLJEVINA
IZ PROFILA KRILA ALD 110 c**

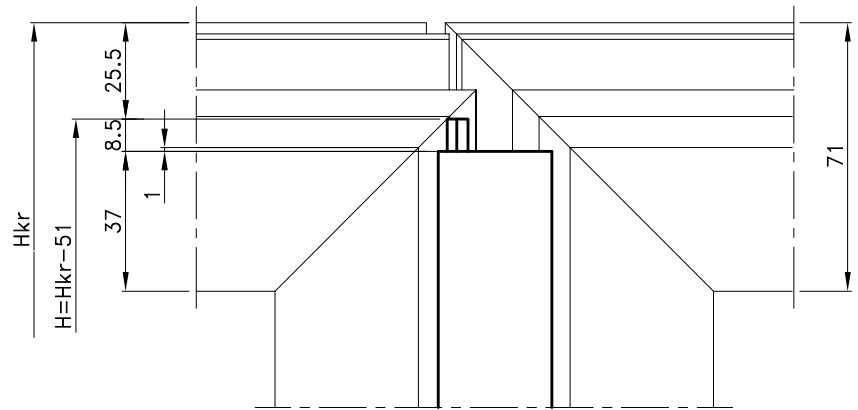
- obrada donjeg pojasa krila
- obrada po okomici radi ventiliranja prozora





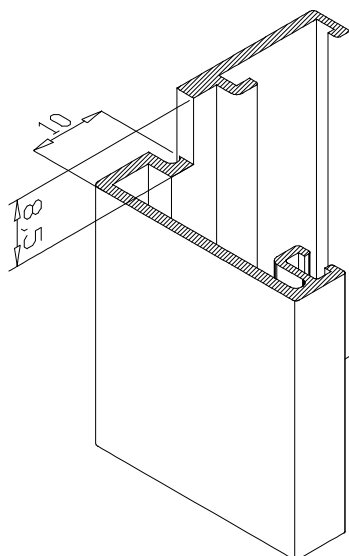
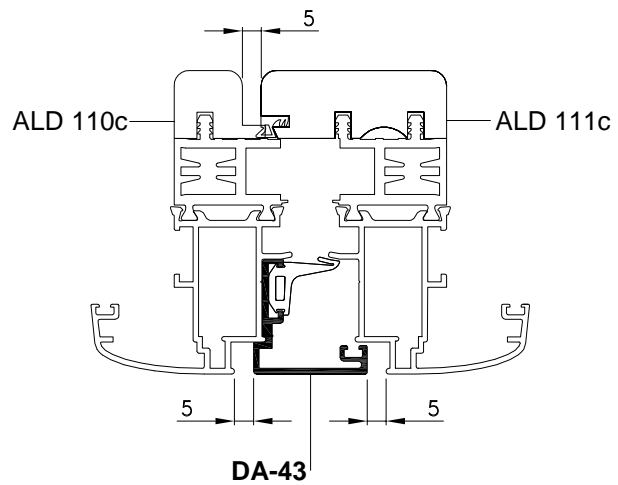
OBRADA PROFILA DA-43

- kod dvokrilnog prozora



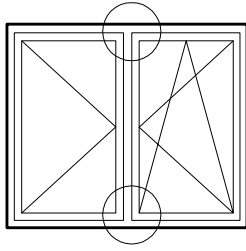
MJERA PILANJA PROFILA DA-43

H=Hkr-51

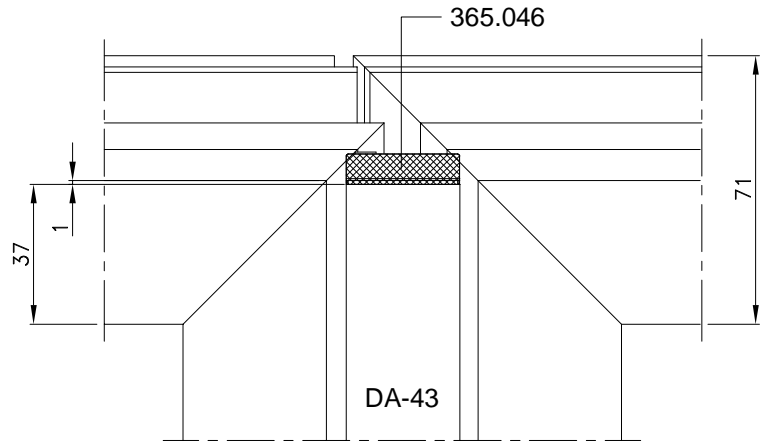


ZAPILAVANJE PROFILA DA-43

-OBOSTRANO

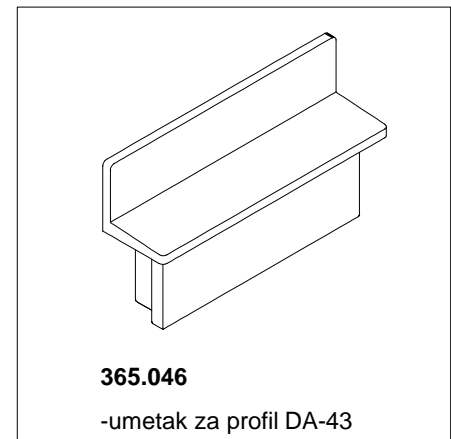
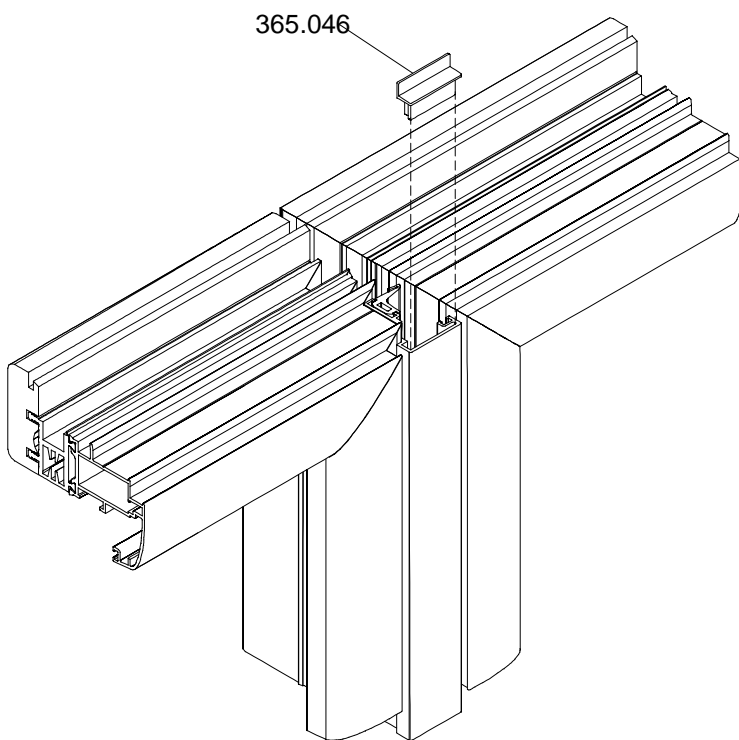
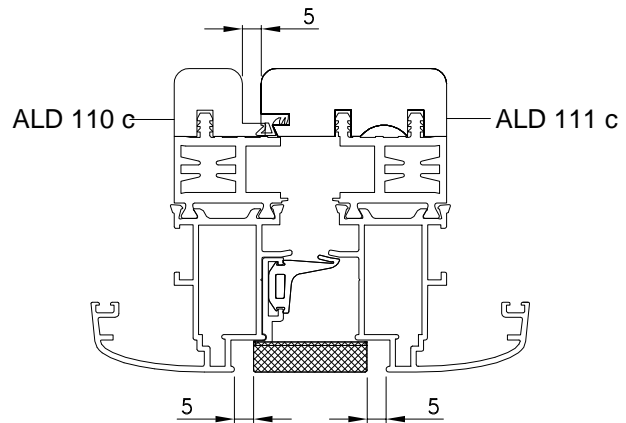


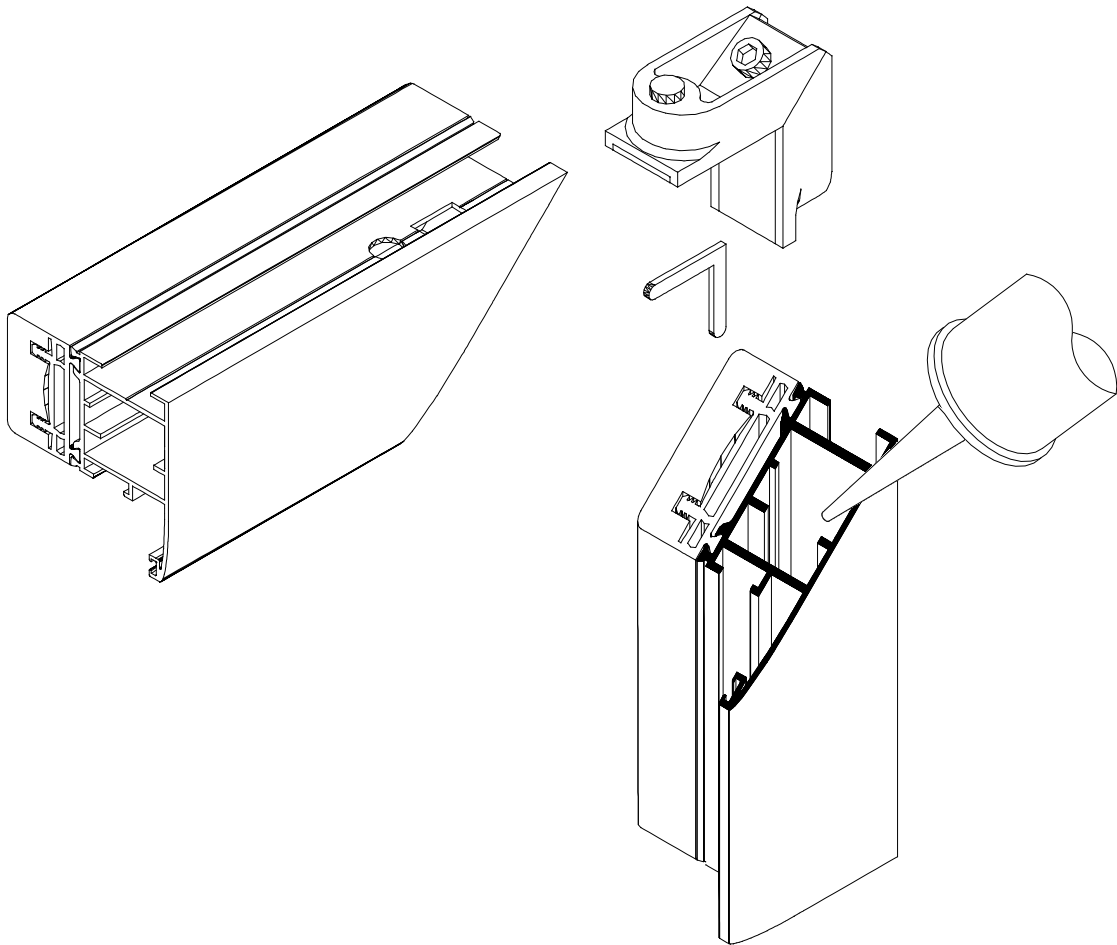
UMETAK ZA PROFIL DA-43



365.046

- umetak za profil DA-43
- gornji i donji umetak-simetrično
- materijal: pvc



LIJEPLJENJE KUTNIH SPOJEVA

POSTUPAK SPAJANJA PROFILA:

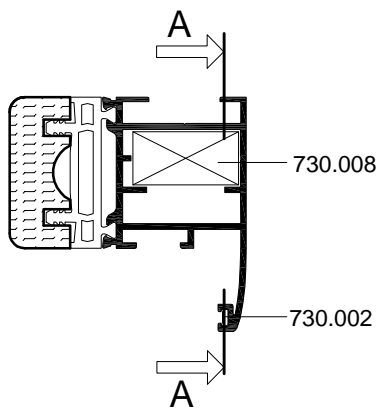
1. Aluminijske površine koje se spajaju-rezove očistiti i odmastiti prikladnim sredstvom /npr. Sika Remover 208; Wurth-kat.br.:892 130 30/.
2. Premazati aluminijske površine koje se spajaju ljepljivom za metal /npr. Sika Force 7851; Wurth-kat.br.:892 130 010/.
3. Ljepilo za metal ušpricati u komoru za kutnik - po opsegu komore
4. Profile s kutnikom izravnati i spojiti
5. Dio ljepljive koji iscuri između rezova očistiti sredstvom za čišćenje i odmašćivanje /npr. Sika Remover 208; Wurth-kat.br.:892 130 30/.

NAPOMENA:

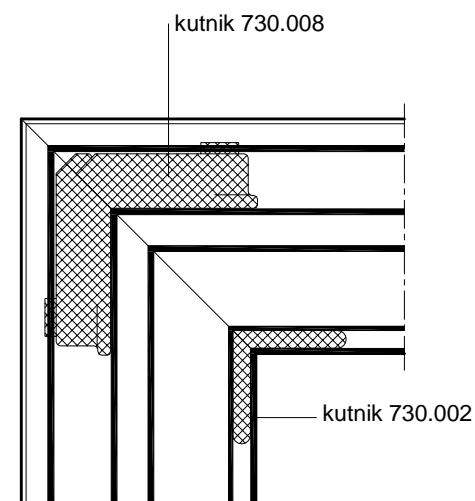
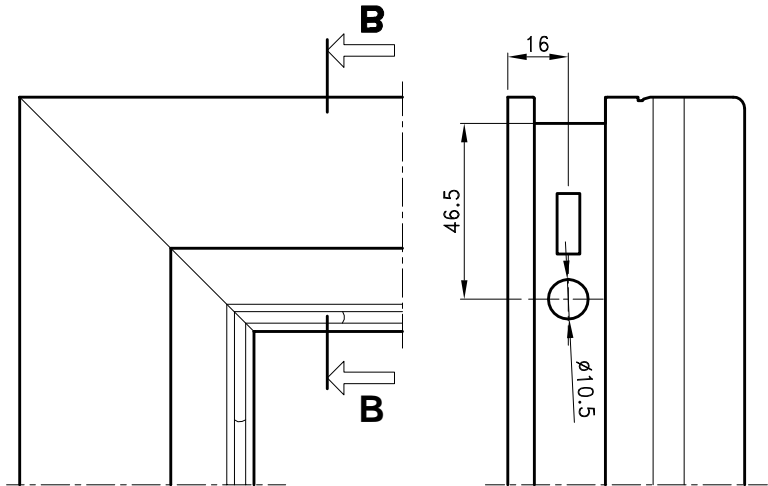
Ovaj postupak spajanja profila primjenjiv je za sve Feal-ove kutnike i njima odgovarajuće komore.

Lijepljenjem rezova i kutnika ljepljivima za metal osigurava se potrebna zrako- i vodonepropusnosti spoja kao i dodatna mehanička čvrstoća spoja.

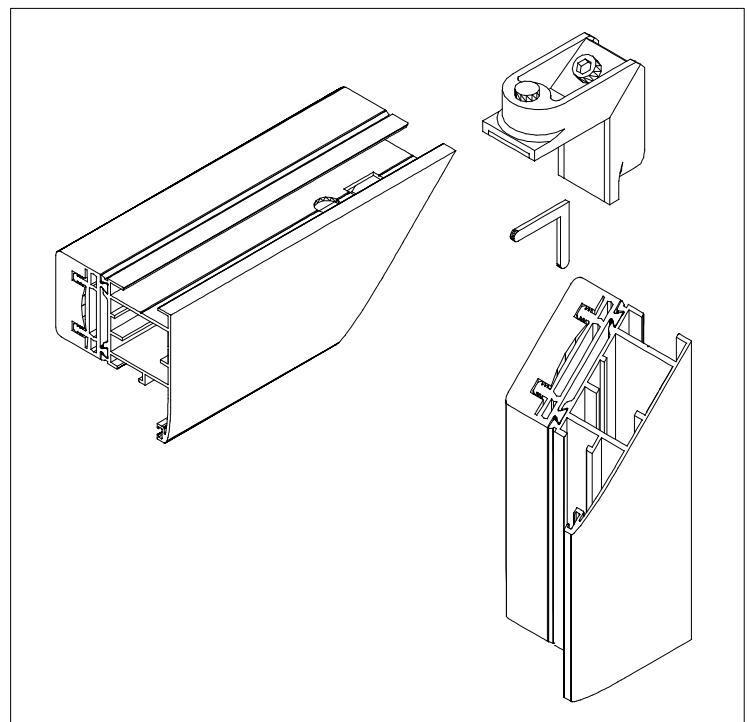
- SPAJANJE PROFILA RAMA **ALD 100 c** KUTNICIMA
- OBRADA ZA KUTNIK **730.008**



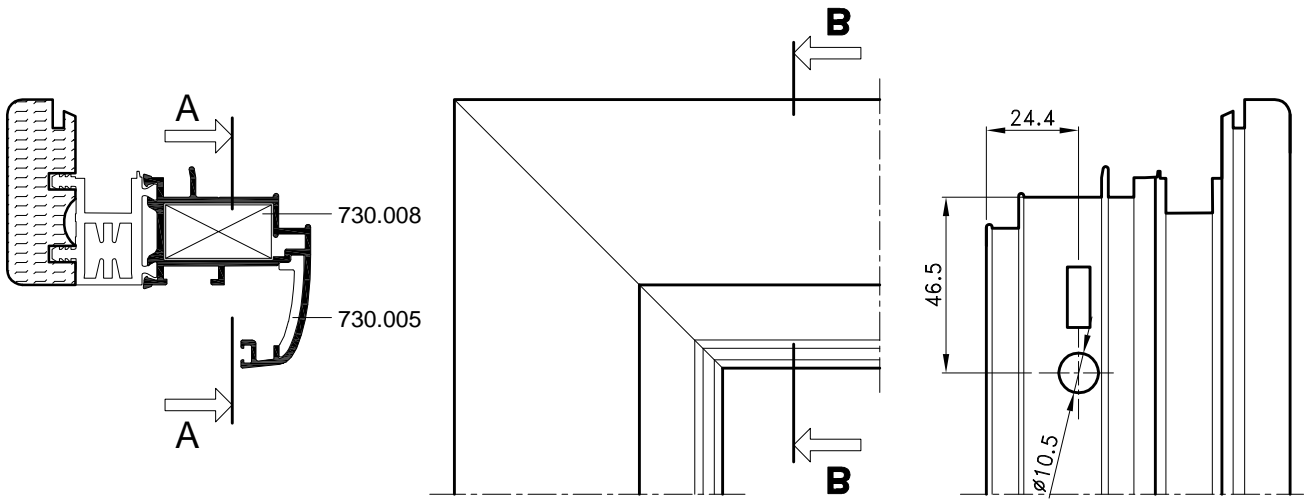
PRESJEK B-B



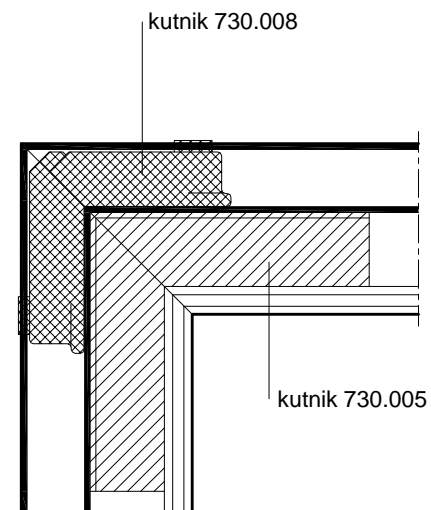
PRESJEK A-A



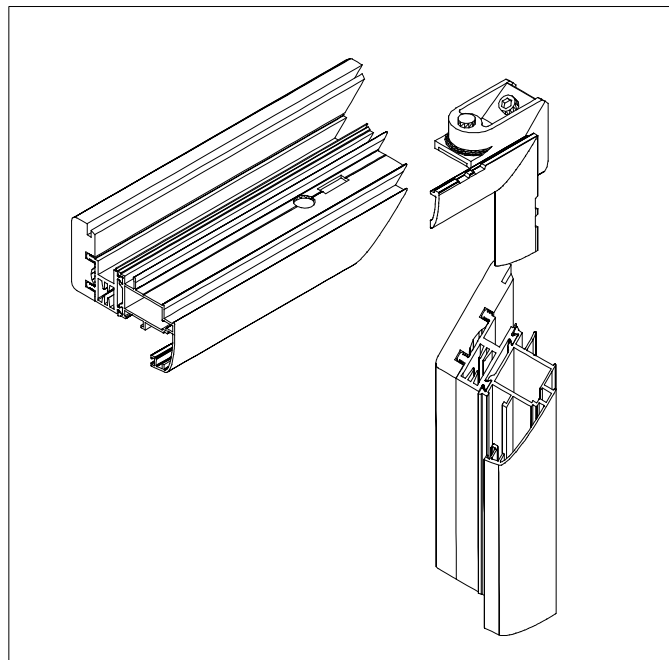
- SPAJANJE PROFILA KRILA **ALD 110 c** KUTNICIMA
- OBRADA ZA KUTNIK **730.008**



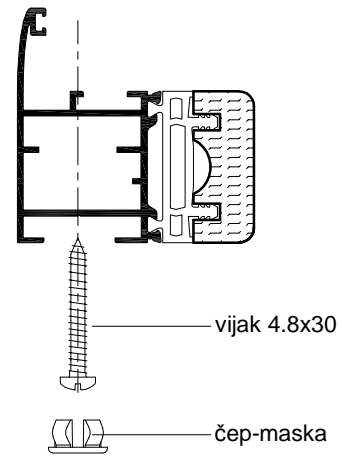
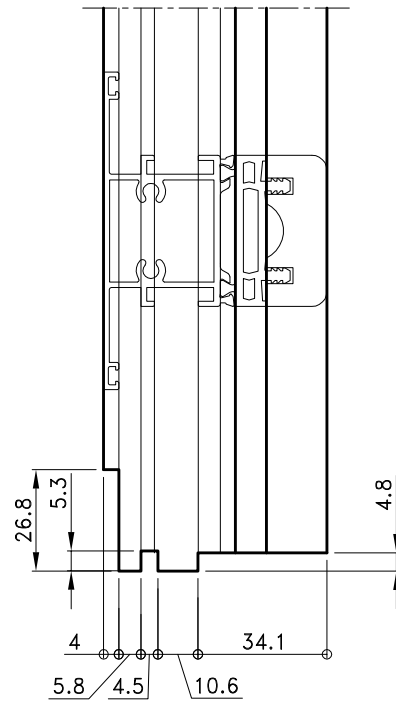
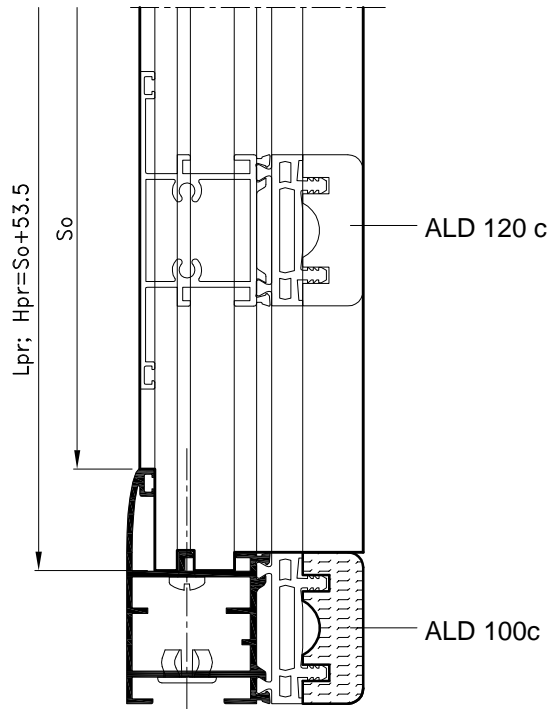
PRESJEK B-B



PRESJEK A-A

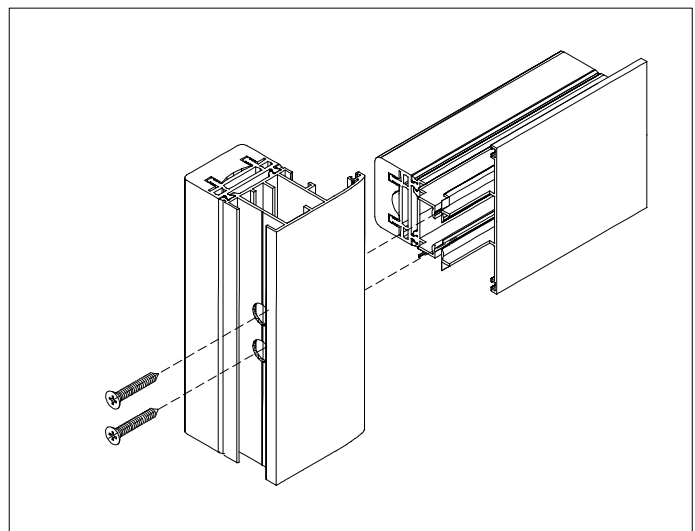
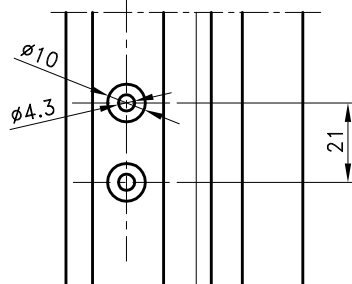
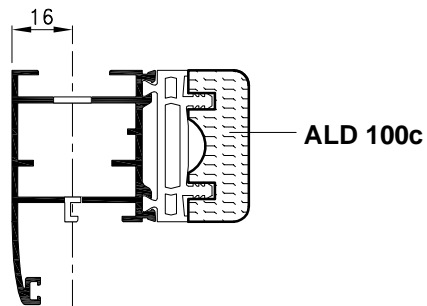


DETALJ VEZANJA PREČKE ALD 120 c

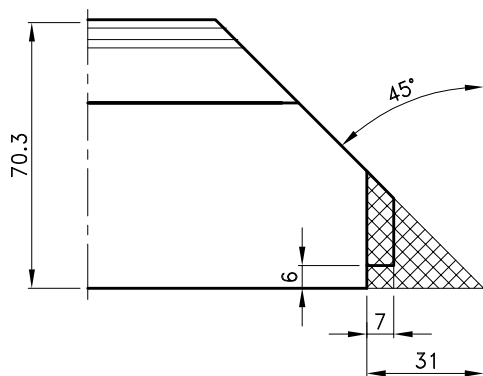
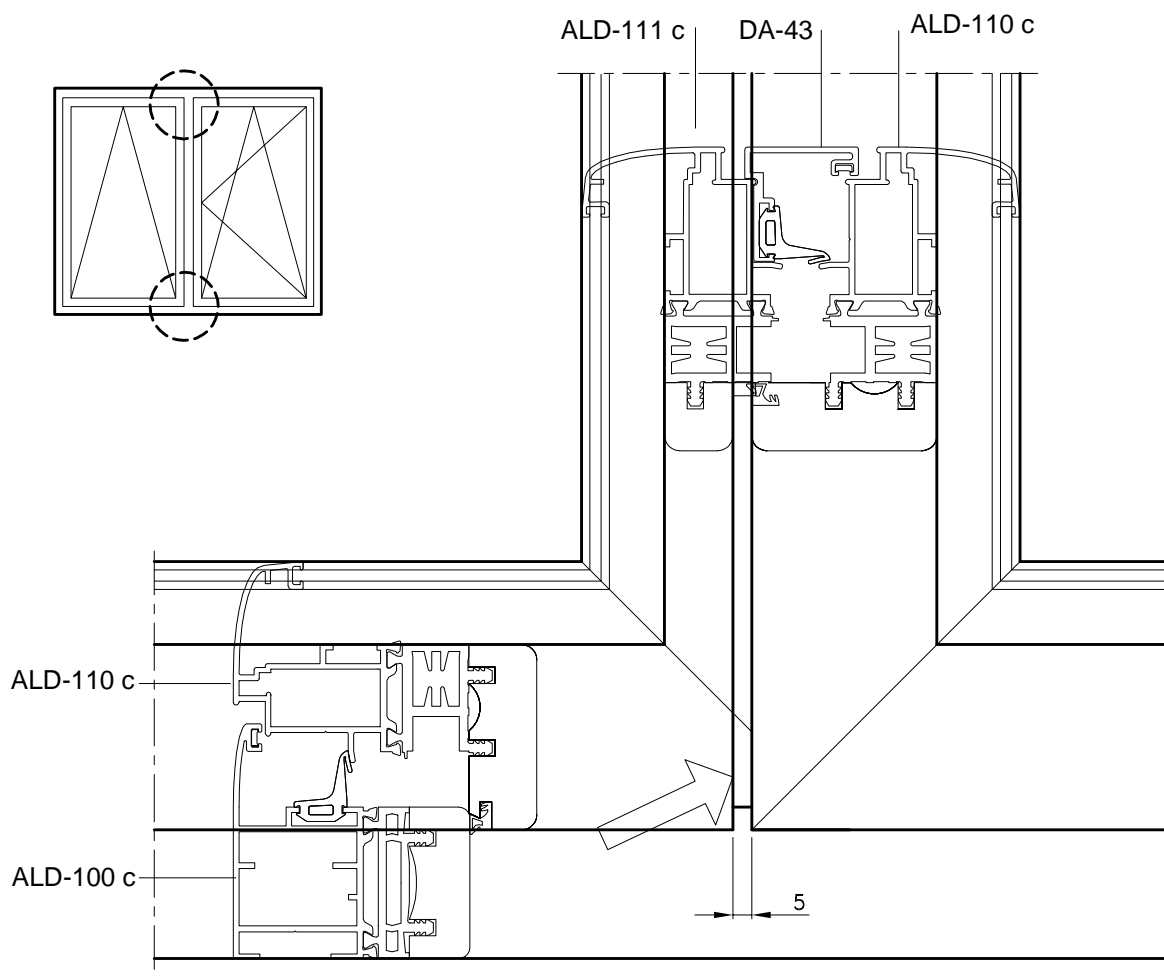


Mjera pilanja prečke:

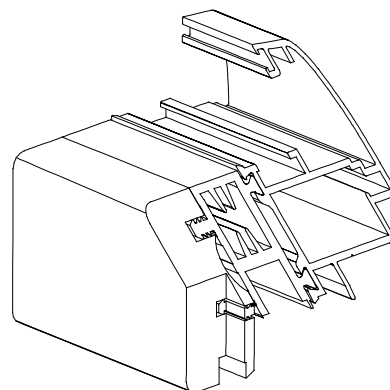
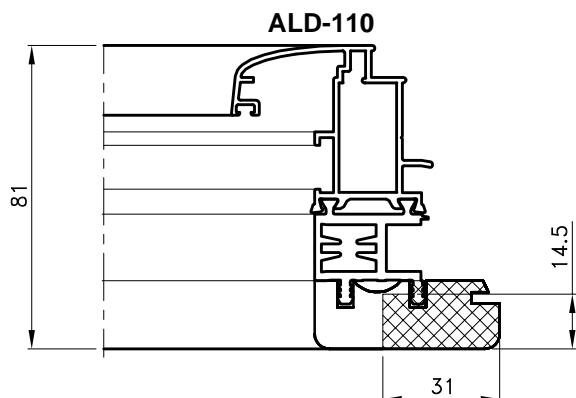
Lpr; Hpr=So /svijetli otvor/ + 53.5 mm



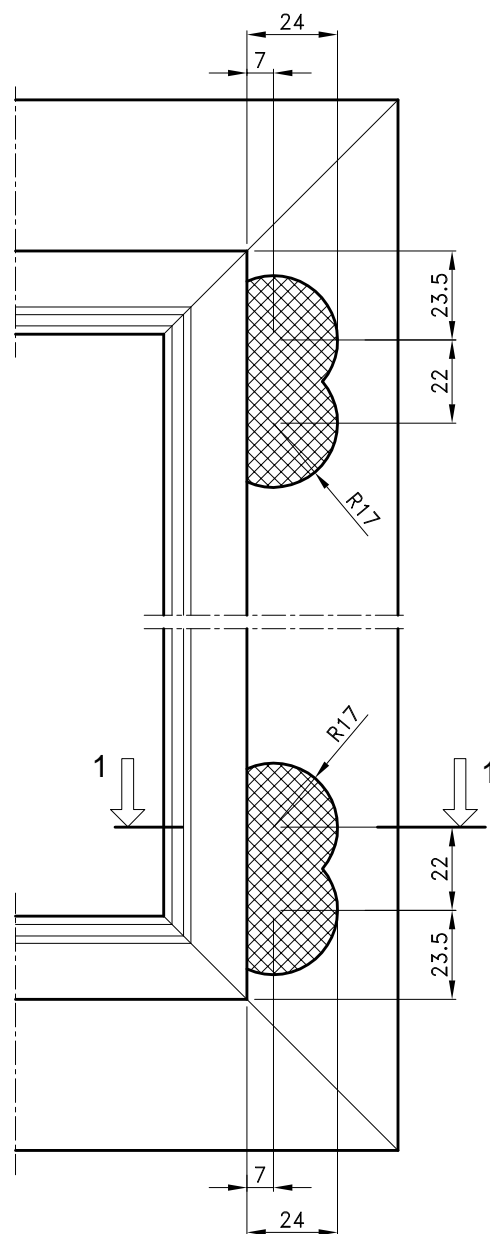
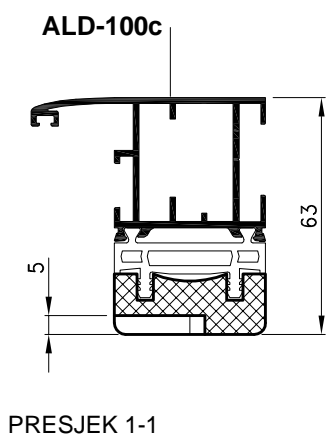
OBRADA DONJEG I GORNJEG DIJELA KRILA ALD-110
KOD DVOKRILNOG PROZORA



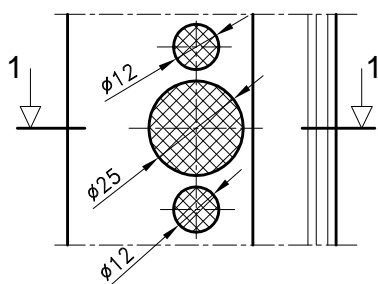
OBRADA - ZAPILAVANJE
DRVENOG DIJELA PROFILA ALD-110



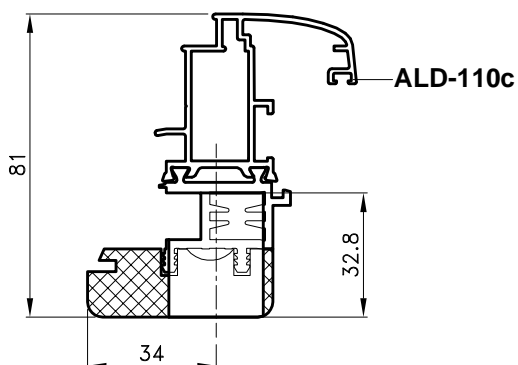
OBRADA NA PROFILU RAMA **ALD-100c** ZA SMJEŠTAJ MEHANIZMA ZA OKLOPNO-ZAOKRETNO OTVARANJE

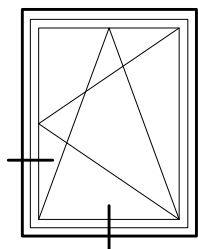


ZA MEHANIZME- *SIEGENIA- FAVORIT Si-line 312*
FAVORIT Si-line 2312

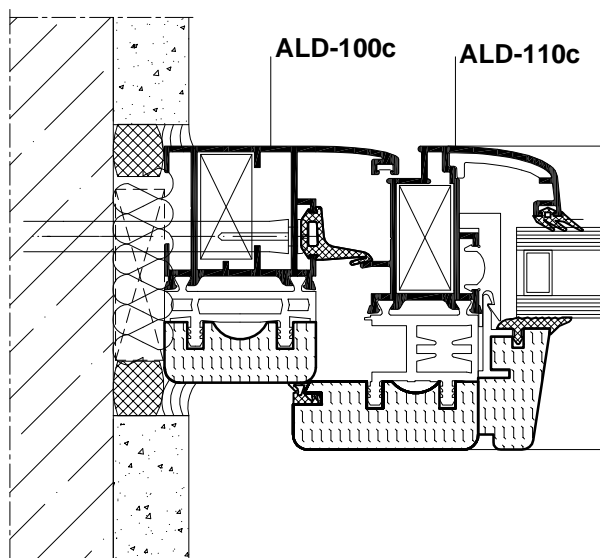
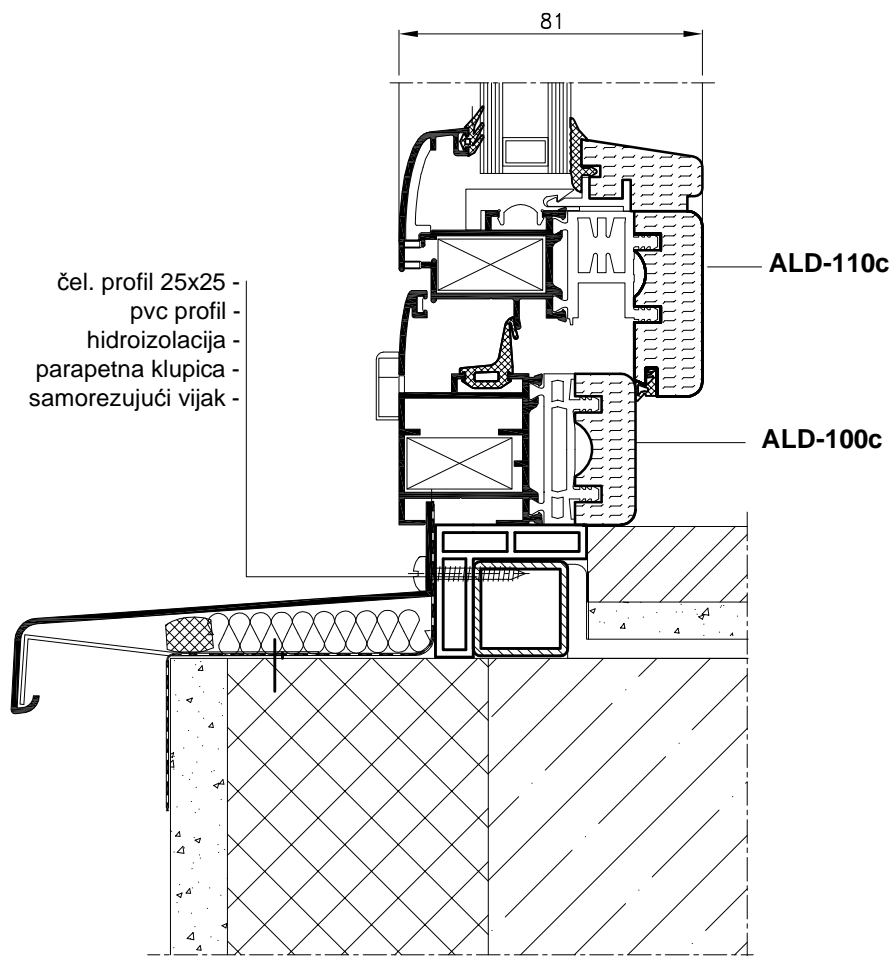


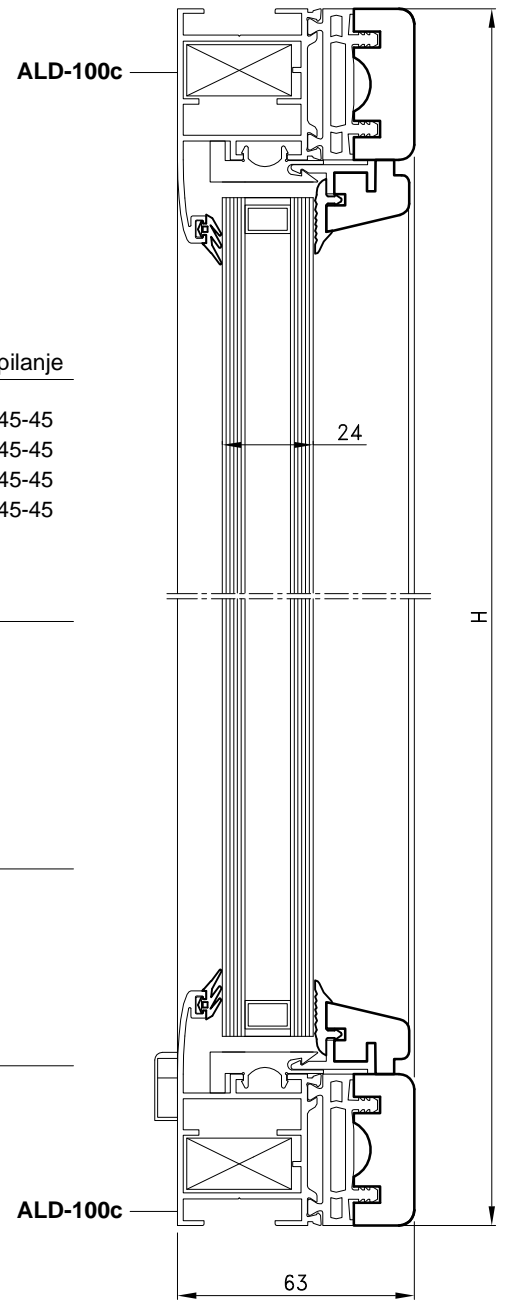
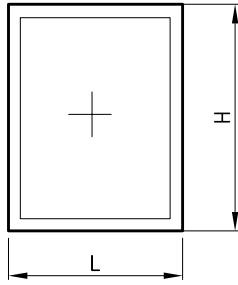
OBRADA NA PROFILU KRILA **ALD-110c** ZA SMJEŠTAJ RUČKE



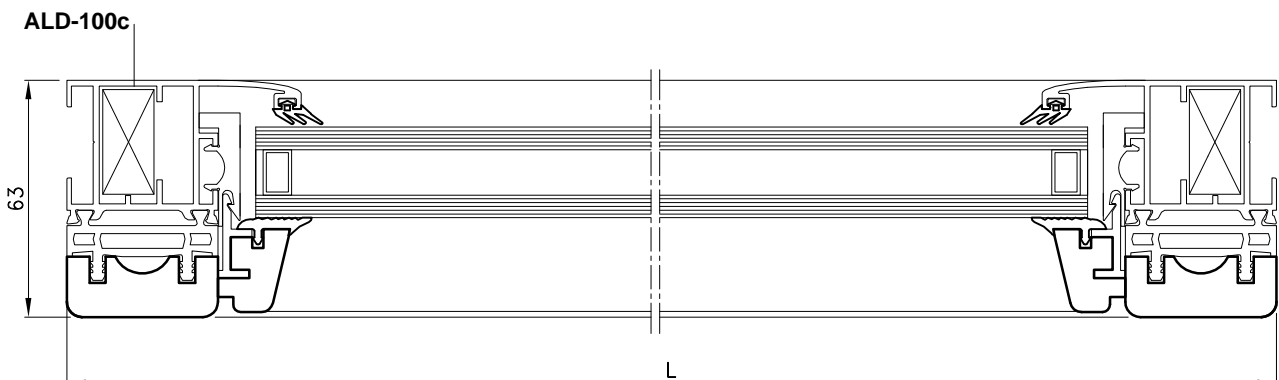


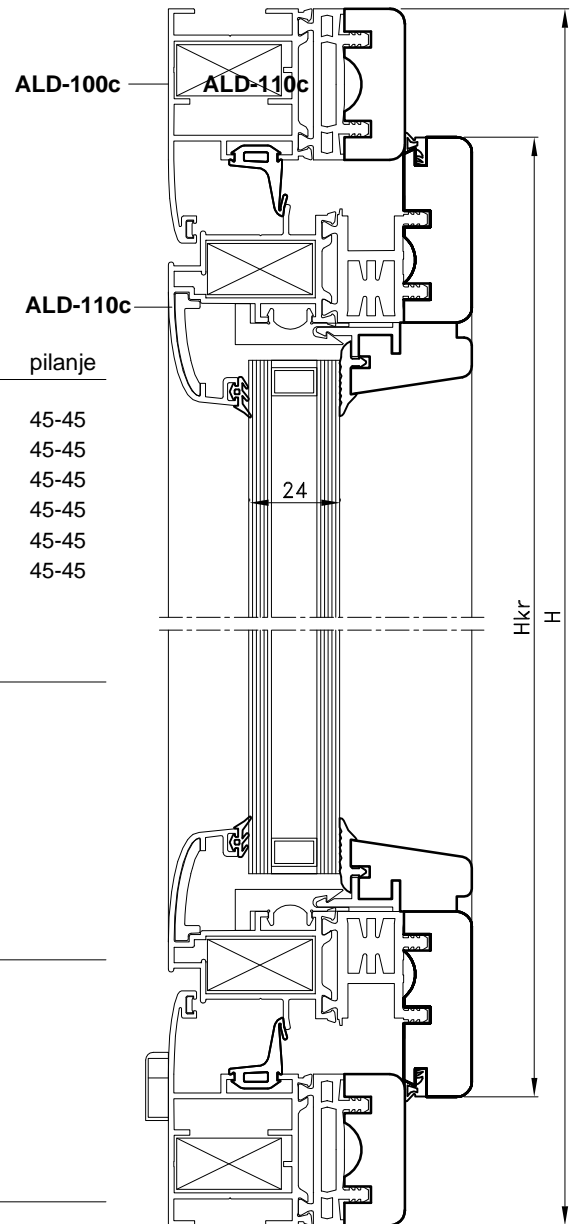
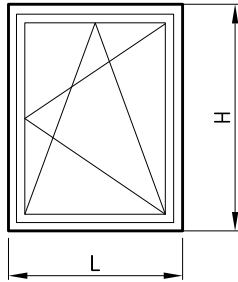
- čel. profil 25x25 -
- pvc profil -
- hidroizolacija -
- parapetna klupica -
- samorezujući vijak -





PROFILI		kom	mjera	pilanje
ALD-100c	vodoravnica okvira	2	L	45-45
ALD-100c	okomica okvira	2	H	45-45
Drvo 7	vodoravna lajsna	2	L-80	45-45
Drvo 7	okomita lajsna rama	2	H-80	45-45
OKOVI		kom		
730.008	kutnik	4		
730.002	pomoćni kutnik	4		
370.015 i 370.017	kopče za lajsnu			
373.003	maska za drenažni otvor	2		
BRTVE		kom	mjera	
321.003	brtva prema staklu		2L+2H	
310.004	brtva prema staklu		2L+2H	
STAKLO		kom	mjera	
24 mm		1	L-100 x H-100	



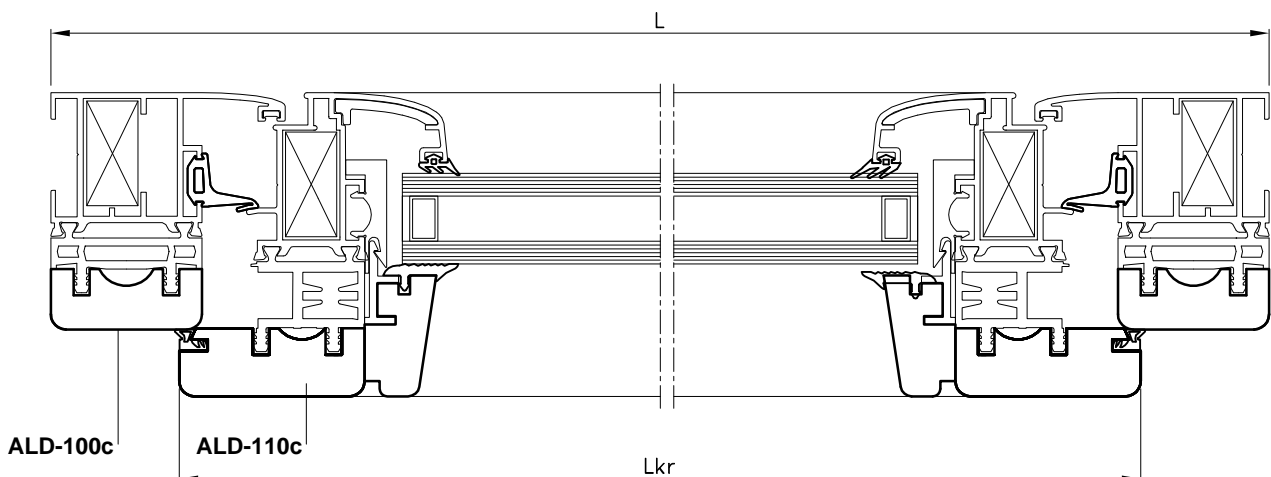


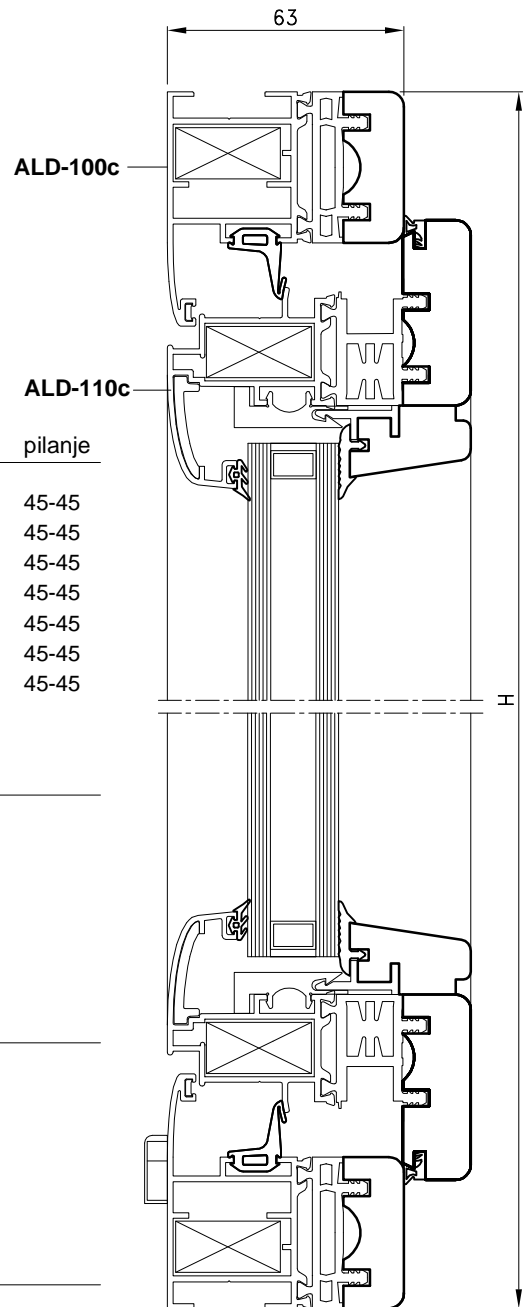
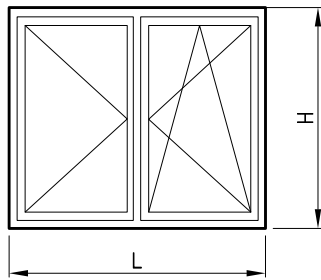
PROFILI		kom	mjera	pilanje
ALD-100c	vodoravnica okvira	2	L	45-45
ALD-100c	okomica okvira	2	H	45-45
ALD-110c	vodoravnica krila	2	Lkr=L-68	45-45
ALD-110c	okomica krila	2	Hkr=H-68	45-45
F-0103 A	vodoravna lajsna krila	2	Lkr-98	45-45
F-0103 A	okomita lajsna krila	2	Hkr-98	45-45

OKOVI		kom	
730.008	osnovni kutnik	8	
730.002	pomoćni kutnik	4	
730.005	pomoćni kutnik	4	
370.015 i 370.017	kopće za lajsnu		
373.003	maska za drenažni otvor	2	

BRTVE		kom	mjera
331.005	srednja brtva		2L+2H
310.003	brtva u krilu		2L+2H
321.003	brtva prema staklu		2L+2H
310.004	brtva prema staklu		2L+2H

STAKLO		kom	mjera
24 mm		1	Lkr-118 x Hkr-118





PROFILI		kom	mjera	pilanje
ALD-100c	vodoravnica okvira	2	L	45-45
ALD-100c	okomica okvira	2	H	45-45
ALD-110c	vodoravnica krila	4	$L_{kr}=L/2-21$	45-45
ALD-110c	okomica krila	3	$H_{kr}=H-68$	45-45
ALD-111c	okomica krila	1	$H_{kr}=H-104$	45-45
F-0103 A	vodoravna lajsna krila	4	Lkr-98	45-45
F-0103 A	okomita lajsna krila	4	Hkr-98	45-45

OKOVI		kom
730.008	osnovni kutnik	8
730.002	pomoćni kutnik	4
730.005	pomoćni kutnik	8
370.015 i 370.017	kopče za lajsnu	
373.003	maska za drenažni otvor	2

BRTVE		kom	mjera
331.005	srednja brtva		2L+3H
310.003	brtva u krilu		2L+3H
321.003	brtva prema staklu		2L+4H
310.004	brtva prema staklu		2L+4H

STAKLO		kom	mjera
24 mm		2	$L_{kr}-118 \times H_{kr}-118$

