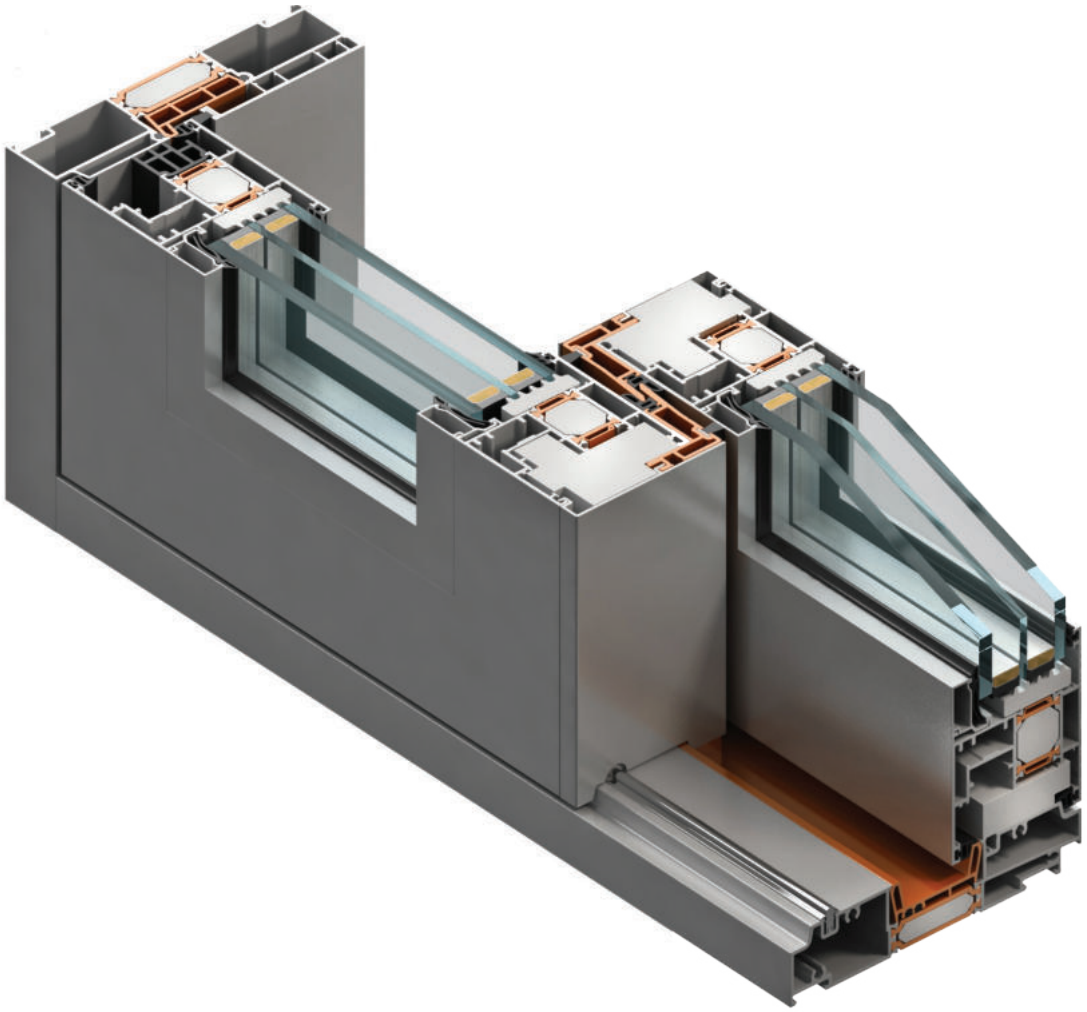
FEAL



TERMO 150

PODIZNO-KLIZNA VRATA

LIFT & SLIDE DOORS

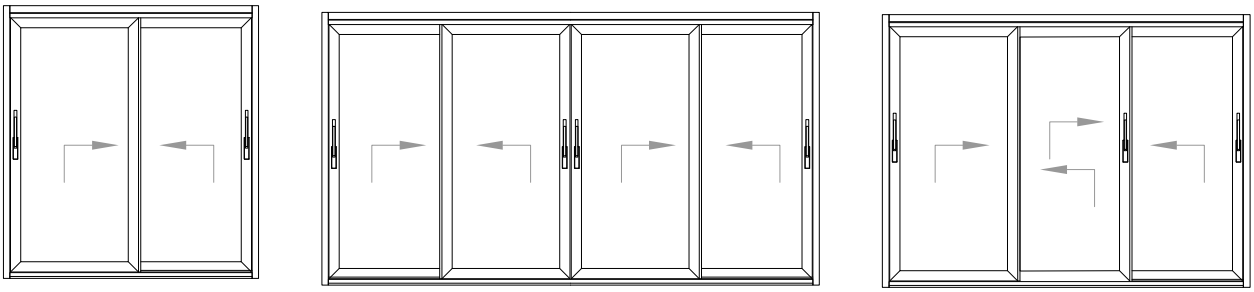
Knjiga A / *Book A*

SADRŽAJ - CONTENT

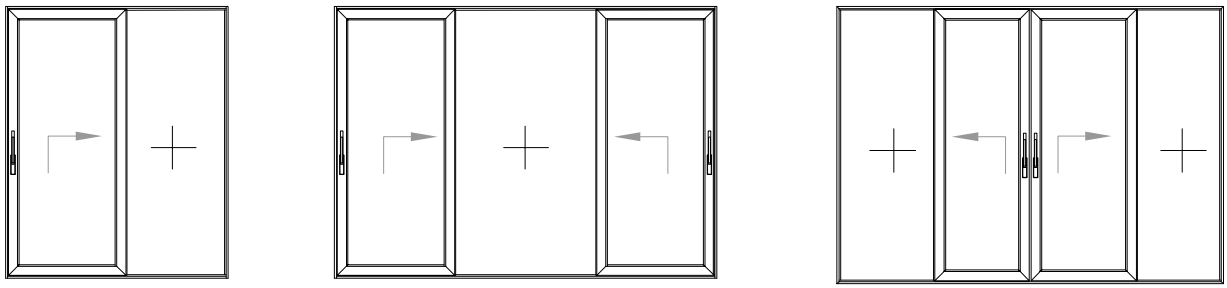
01	ZNAČAJKE SISTEMA	406.01.000
01	SYSTEM CHARACTERISTICS	406.01.000
02	ISPITIVANJA I CERTIFIKATI	406.02.000
02	TESTING AND CERTIFICATES	406.02.000
03	PROFILI	406.03.000
03	PROFILES	406.03.000
04	PRIKAZ STAKLJENJA	406.04.000
04	GLAZING	406.04.000
05	PRESJECI TERMO 150 (podizno klizno)	406.05.000
05	CROSS SECTIONS TERMO 150 (lift and sliding)	406.05.000
05	PRESJECI TERMO 150 plus (podizno klizno s fiksnim dijelom)	406.05.100
05	CROSS SECTIONS 150 plus (lift and sliding with fixed part)	406.05.100

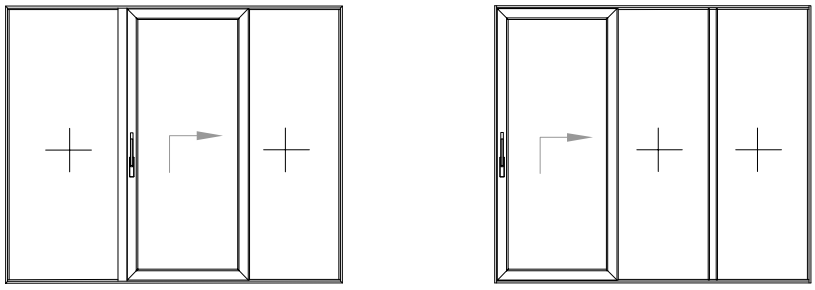
TIPOLOGIJA IZRADE
TYPOLOGY OF PRODUCTION

Termo 150



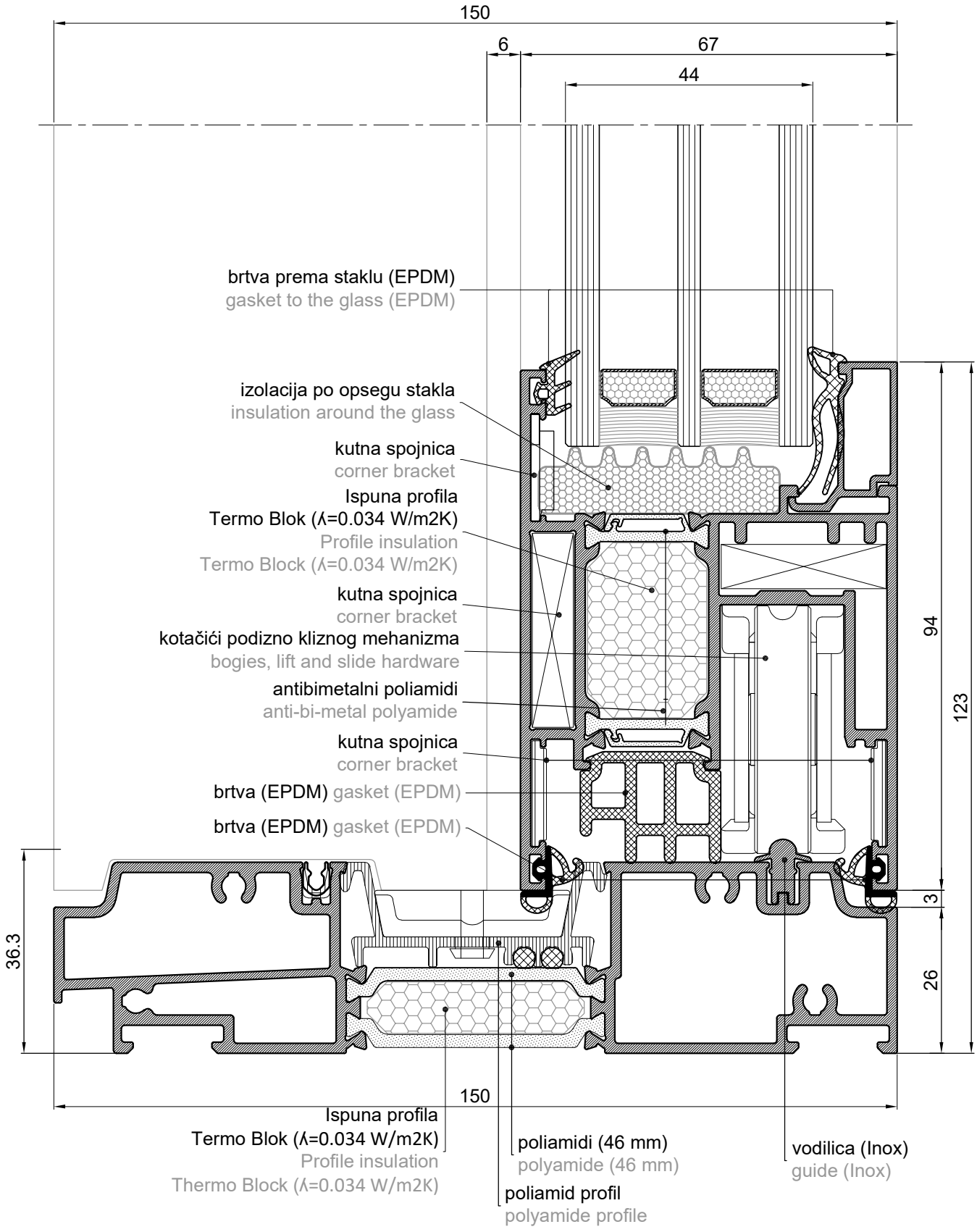
Termo 150 plus





Značajke sistema
System characteristics

PODIZNO KLIZNI SISTEM VRATA
LIFT AND SLIDE DOORS SYSTEM



OPIS SISTEMA TERMO 150
DESCRIPTION OF SYSTEM TERMO 150

Sistem Termo 150 koristi se za izradu podizno-kliznih vrata (dvokrilnih, trokrilnih i četverokrilnih). Profili su izvedeni s prekinutim toplinskim mostom osnovne ugradbene dubine rama 150 mm (dvostazno) i 233 mm (trostazno), dubine krila 67 mm te vidljive širine rama 26 mm.
Prekid toplinskog mosta postiže se poliamidnim trakama (46 mm za ram i 22 mm za krilo (antibimetalni)).
Radi poboljšanja toplinskih karakteristika (smanjenja toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a).
U kombinaciji s troslojnim staklom i odgovarajućim distancerom stakla sistem može postići ukupni koeficijent prolaska topline Ud=1 [W/m2K].
Brtvljenje između krila i rama izvedeno je EPDM brtvama.
Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.
Okov je sistemski podizno-klizni.

System Termo 150 is used for the production of lift & slide doors (double-lite, three-lite and four-lite slide door).
Profiles are made with thermal break, basic mounting depth for frame is 150 mm (double-track frame) and 233 mm (triple-track frame), depth on sash is 67 mm with visible frame widths of 26 mm.
Thermal brake is achieved with polyamide tapes (46 mm for frame and 22 mm for sash (anti-bi-metal)).
For improved thermal characteristics (reduction of thermal conductivity) polyester insulation tapes (XPS) are embedded into profile chambers.
In combination with three pane glass and adequate spacer system can reach total thermal transmittance coefficient of Ud=1 [W/m2K].
Sealing between frame and sash is done the EPDM gasket.
Glass in sash is fixed with inner profile and sealed with EPDM gaskets on both side.
Hardware (lift-slide) is systemic.

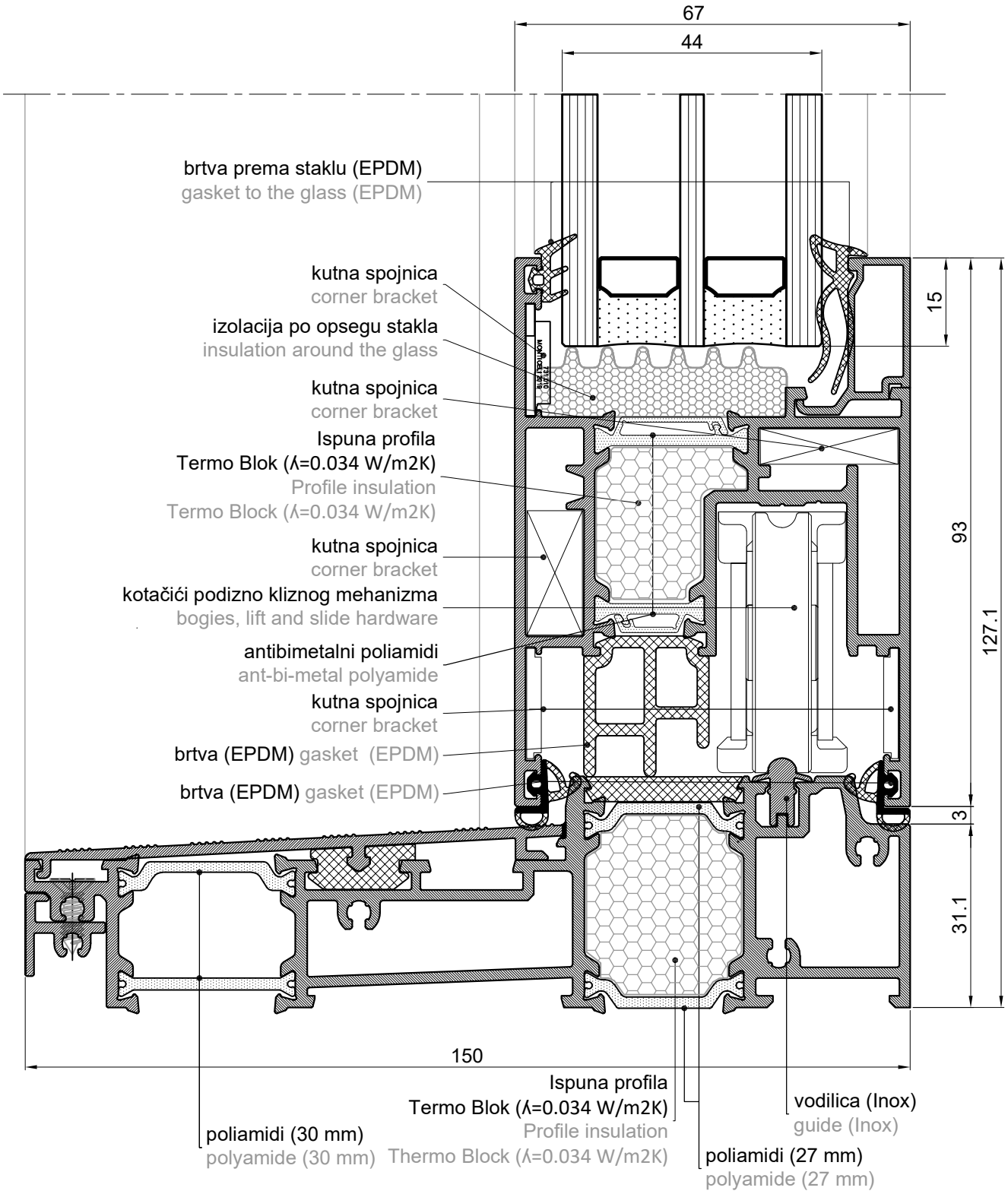
Karakteristike sistema:

-materijal	EN AW-6060
-masa krila	do 330 kg
-debljina stakla	14-54 mm
-materijal za brtvljenje (EPDM)	DIN 7863
-zrakopropusnost	EN 12207 (klasa 4)
-vodonepropusnost	EN 12208 (klasa E1050)
-otpornost na udar vjetra	EN 12210 (klasa C4/B4)
-proračun Ud koeficijenta	DIN EN ISO 10077-2
-površinska obrada	DIN 17611
-kontrola kvalitete	DIN EN ISO 9001

System characteristics:

-material	EN AW-6060
-sash weight	up to 330 kg
-glass thichness	14-54 mm
-material for sealing (EPDM)	DIN 7863
-air permeability	EN 12207 (class 4)
-water tightness	EN 12208 (class E1050)
-resistance to wind	EN 12210 (class C4/B4)
-calculation of Ud coefficient	DIN EN ISO 10077-2
-surface treatment	DIN 17611
-quality control	DIN EN ISO 9001

PODIZNO KLIZNI SISTEM VRATA SA INTEGRIRANIM FIKSNIM DIJELOM
LIFT AND SLIDE DOOR SYSTEM WITH THE INTEGRATED FIXED PART



OPIS SISTEMA TERMO 150 plus
DESCRIPTION OF SYSTEM TERMO 150 plus

Sistem Termo 150 plus koristi se za izradu podizno-kliznih vrata (jedno krilo podizno klizno+fiksno, dva srednja krila podizno klizna bokovi fiksni i srednje krilo podizno klizno a bokovi fiksni).
Profili su izvedeni s prekinutim toplinskim mostom osnovne ugradbene dubine rama 150 mm, dubine krila 67 mm te vidljive širine rama 32 mm.
Prekid toplinskog mosta postiže se poliamidnim trakama (30 i 27 mm za ram i 26 i 18.6 mm za krilo (antibimetalni)).
Radi poboljšanja toplinskih karakteristika (smanjenja toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a).
U kombinaciji s troslojnim staklom i odgovarajućim distancerom stakla sistem može postići ukupni koeficijent prolaska topline Ud=1 [W/m2K].
Brtvljenje između krila i rama izvedeno je EPDM brtvama.
Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.
Okov je sistemski podizno-klizni.

System Termo 150 plus is used for the production lift & slide doors (single sash lift & slide+fixed, double central sashes lift & slide with side profile fixed and central sash is lift & slide and side profile fixed).
Profiles are made with thermal break, basic mounting depth for frame is 150 mm, depth on sash is 67 mm with visible frame width of 32 mm.
Thermal brake is achieved with polyamide tapes (30 i 27 mm for frame and 26 i 18.6 mm for sash (anti-bi-metal)).
For improved thermal characteristics (reduction of thermal conductivity) polyester insulation tapes (XPS) are embedded into profile chambers.
In combination with three pane glass and adequate spacer system can reach total thermal transmittance coefficient of Ud=1 [W/m2K].
Sealing between frame and sash is done the EPDM gasket.
Glass in sash is fixed with inner profile and sealed with EPDM gasket on both sides
Hardware (lift-slide) is systemic.

Karakteristike sistema:

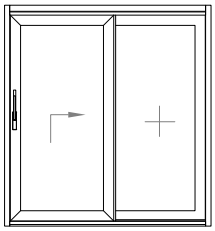
-materijal	EN AW-6060
-masa krila	do 330 kg
-debljina stakla	14-54 mm
-materijal za brtvljenje (EPDM)	DIN 7863
-zrakopropusnost	EN 12207 (klasa 4)
-vodonepropusnost	EN 12208 (klasa E1050)
-otpornost na udar vjetra	EN 12210 (klasa C4/B4)
-proračun Ud koeficijenta	DIN EN ISO 10077-2
-površinska obrada	DIN 17611
-kontrola kvalitete	DIN EN ISO 9001

System characteristics:

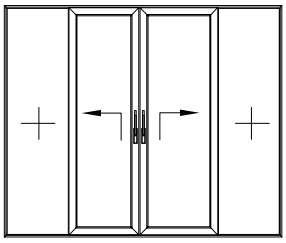
-material	EN AW-6060
-sash weight	up to 330 kg
- glass thickness	14-54 mm
-material for sealing (EPDM)	DIN 7863
-air permeability	EN 12207 (klasa 4)
-water tightness	EN 12208 (klasa E1050)
-resistance to wind	EN 12210 (klasa C4/B4)
-calculation of Ud coefficient	DIN EN ISO 10077-2
-surface treatment	DIN 17611
-control quality	DIN EN ISO 9001

Ispitivanja i certifikati
Testing and certificates

ISPITIVANJA I CERTIFIKATI U TERMO 150
TESTING AND CERTIFICATES IN TERMO 150

Vrsta ispitivanja Type testing	
Zrakopropusnost Air permeability (EN12207)	Class 4
Vodonepropusnost Watertightness (EN 12208)	Class E1050
Otpornost na vjetar Resistance to wind (EN 12210)	Class C4/B4
Protuprovalnost Protection againist burglary (EN 1627)	RC2

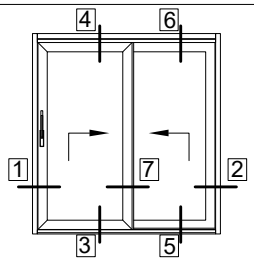
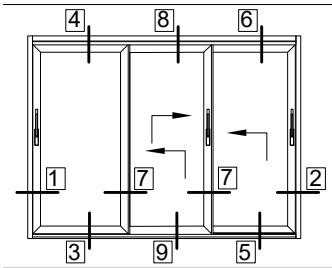
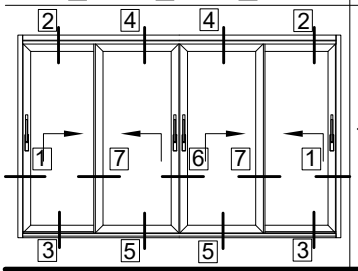
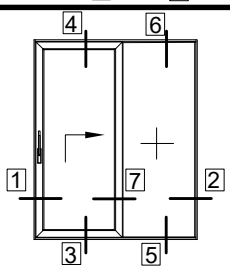
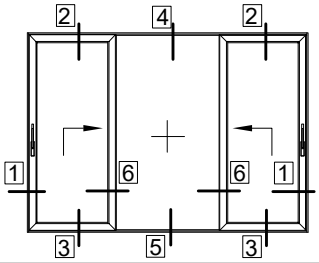
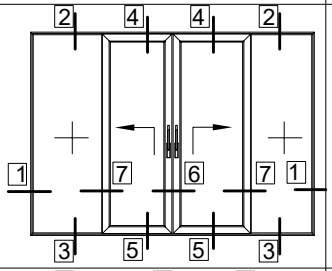
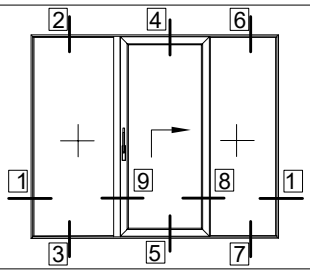
ISPITIVANJA I CERTIFIKATI U TERMO 150 plus
TESTING AND CERTIFICATES IN TERMO 150 plus

Vrsta ispitivanja Type testing	
Zrakopropusnost Air permeability (EN12207)	Class 4
Vodonepropusnost Watertightness (EN 12208)	Class E750
Otpornost na vjetar Resistance to wind (EN 12210)	Class C2/B3
Sila otvaranja Operating forces according to (EN 13115:2020-08)	Class 1

Tablica 1. Usporedba klasa, tlaka i brzine vjetra
Table 1. Comparison class, wind pressure and wind speed

Klasa prema EN 12208 Classe acc. to EN 12208	1A	2A	3A	4A	5A	6A	7A	8A	9A	E750	E900	E1050	E1200	E1350	E1500	E1650	E1800	E1950
Pa	0	50	100	150	200	250	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950
m/s	0	8.8	12.5	15.2	17.6	19.7	21.5	26.4	30.5	34.1	37.3	40.3	43.1	45.7	48.2	50.5	52.8	54.9
km/h	0	31.7	44.8	54.9	63.4	70.9	77.6	95	109.7	122.7	134.4	145.1	155.1	164.6	173.5	181.9	190	197.8

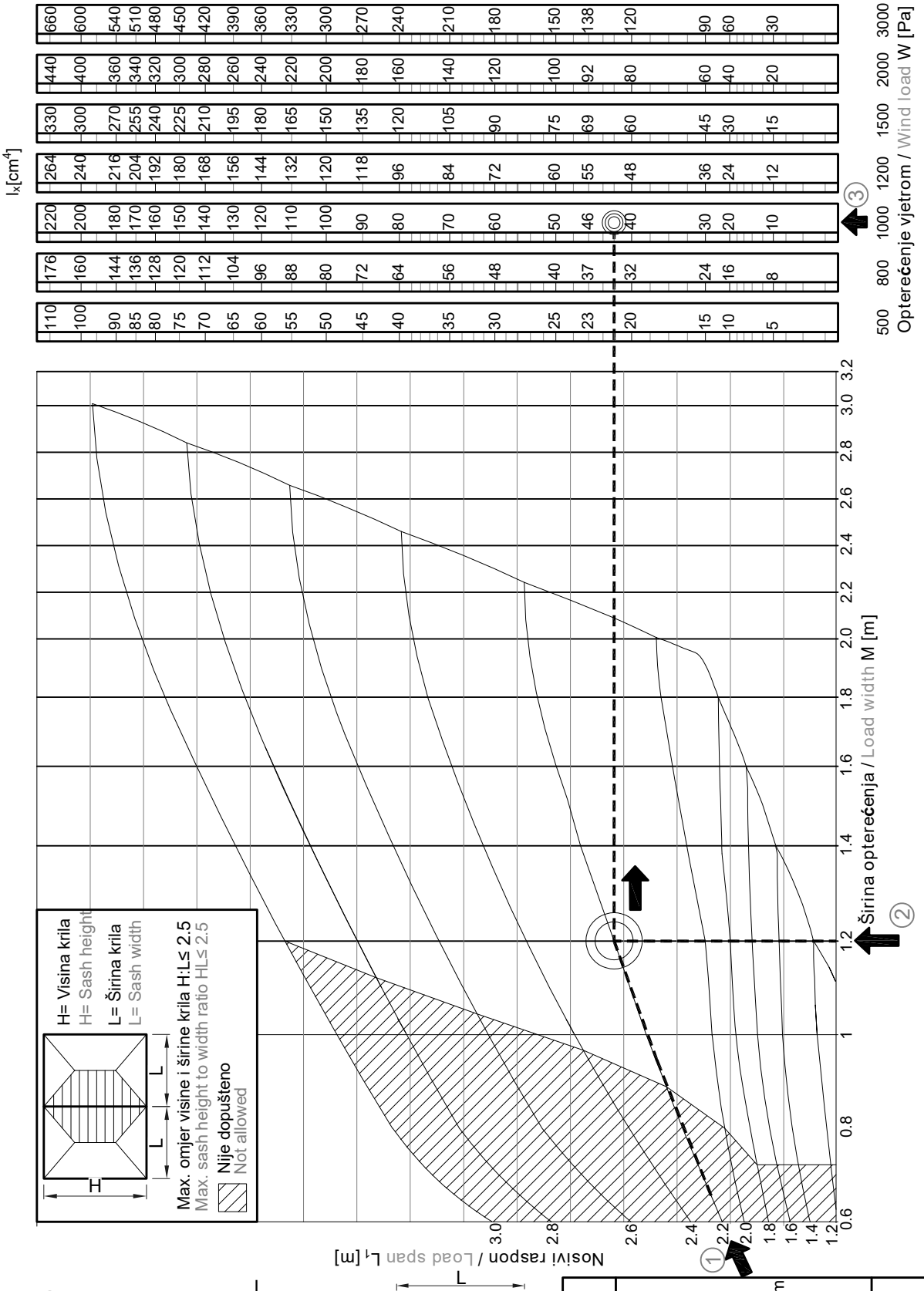
TOPLINSKI IZRAČUNI THERMAL CALCULATION

		Uf1 [W/m²K]	Uf2 [W/m²K]	Uf3 [W/m²K]	Uf4 [W/m²K]	Uf5 [W/m²K]	Uf6 [W/m²K]	Uf7 [W/m²K]	Uf8 [W/m²K]	Uf9 [W/m²K]	Ug [W/m²K]	Ud [W/m²K] >
	TERMO 150	2.4	2.7	2.5	2.7	2.9	2.8	2.8			0.7 0.6	1.2 1.2
	TERMO 150	2.4	2.7	2.5	2.7	2.7	2.8	2.8	2.2	2.2	0.7 0.6	1.2 1.1
	TERMO 150	2.7	2.8	2.9	2.7	2.5	2.2	2.8			0.7 0.6	1.3 1.2
	TERMO 150 plus	2.2	1.7	2.2	2.6	1.6	1.6	3.0			0.7 0.6	1.1 1.0
	TERMO 150 plus	2.2	2.6	2.2	2.6	1.6	1.6	3.0			0.7 0.6	1.1 1.0
	TERMO 150 plus	1.7	1.6	1.6	2.6	2.2	2.2	3.0			0.7 0.6	1.1 1.1
	TERMO 150 plus	1.7	1.6	1.7	2.6	2.2	1.6	1.6	3.0	3.0	0.7 0.6	1.1 1.0

Proračun koeficijenta prolaza topline
Calculation of thermal transmittance

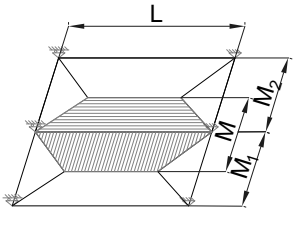
http://termika.feal.ba/

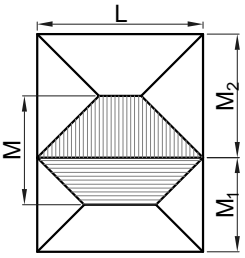
Statički dijagram -opterećenje vjetrom Structural diagram of wind load
Trokutasto i trapeziodno opterećenje Triangular and trapezoidal load



Pa(N/m^2)	400	500	600	700	800	900	1000	1100	1200	1400	1500	1600	1800	2000	2200	2400	3000
kPa(kN/m^2)	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.8	2.0	2.2	2.4	3.0
km/h	89.6	100.1	109.7	118.5	126.7	134.4	141.6	148.5	155.1	167.7	173.5	179.1	190.0	200.3	210.1	219.4	245.3
m/s	24.9	27.8	30.5	32.9	35.2	37.3	39.3	41.3	43.1	46.5	48.2	49.8	52.8	55.6	58.4	60.9	68.1

Osnovni uvjeti
Basic assumptions:
fdop. / adm. =L / 200
Trapezoidno opterećenje
Trapeziodal load
$M = (M_1+M_2)2$





Primjer 1 / Example 1:

① Nosivi raspon / Load span: L= 2.20 m

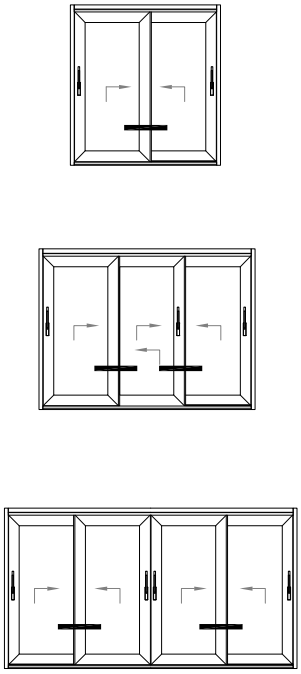
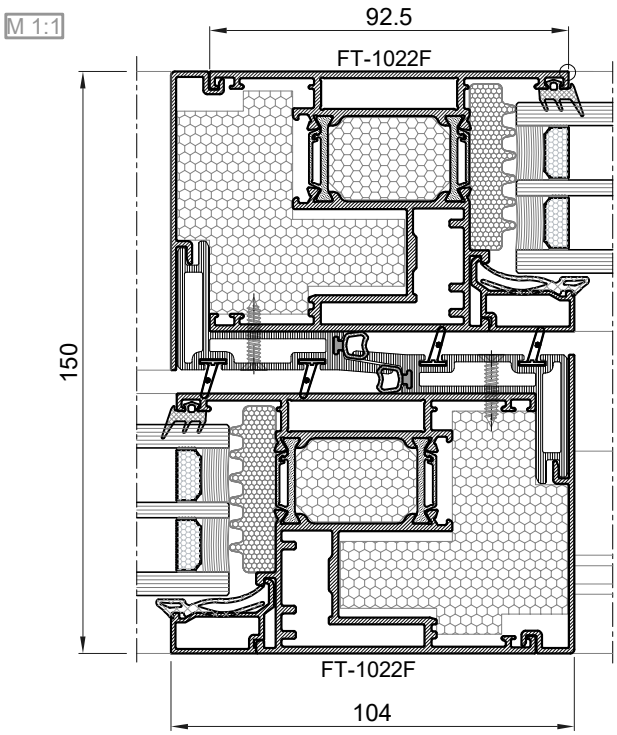
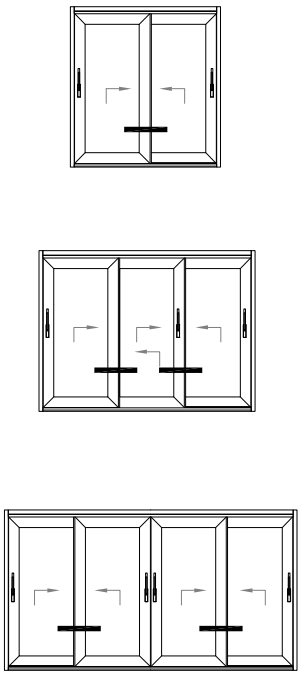
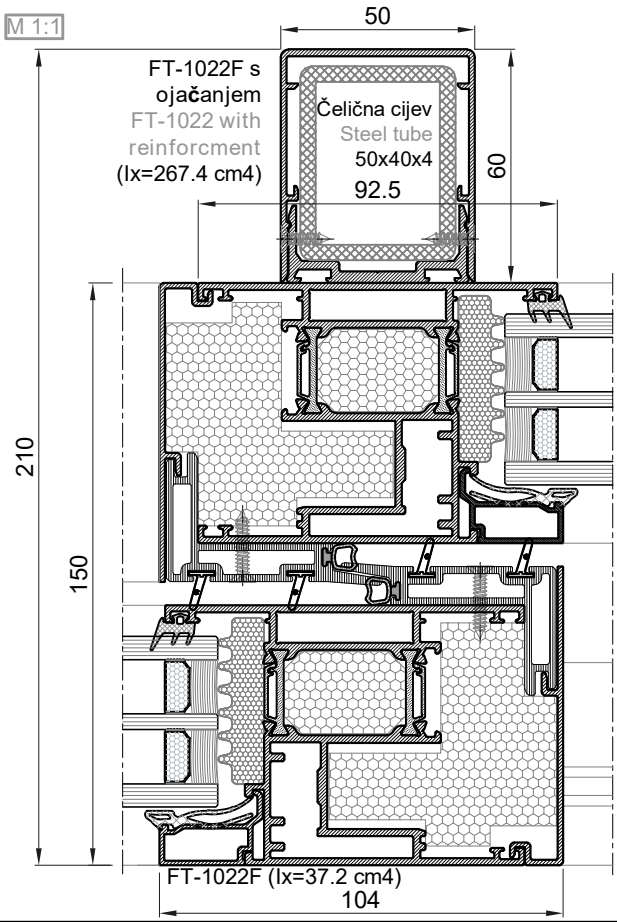
② Širina opterećenja / Load width: M_1= 1,0 m, M_2=1,4 m, $M=(M_1+M_2)/2=1,2$ m

③ Tlak vjetra* Wind pressure* = 1000 Pa

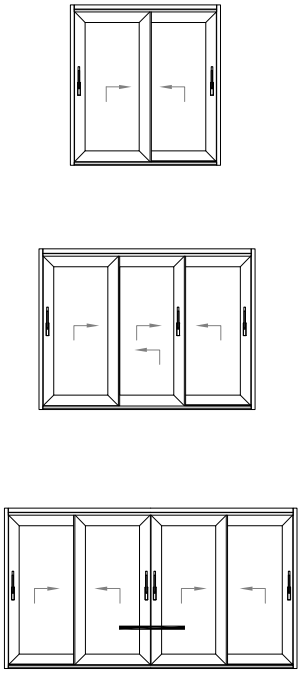
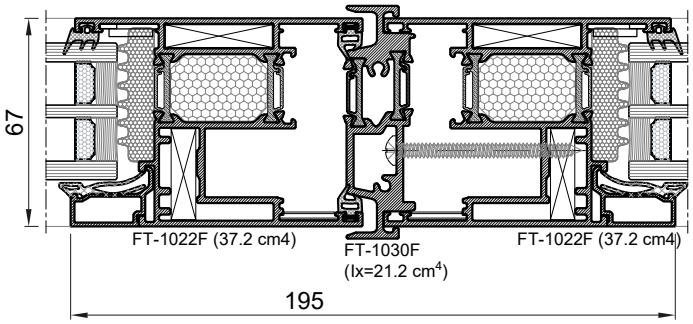
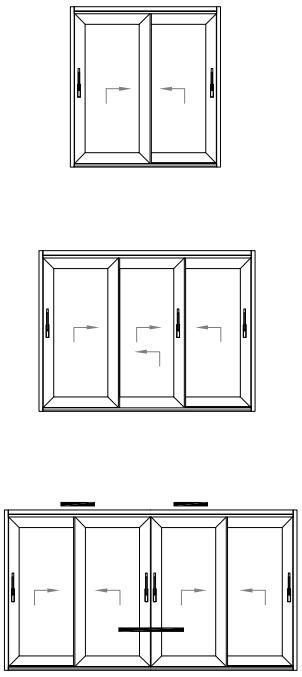
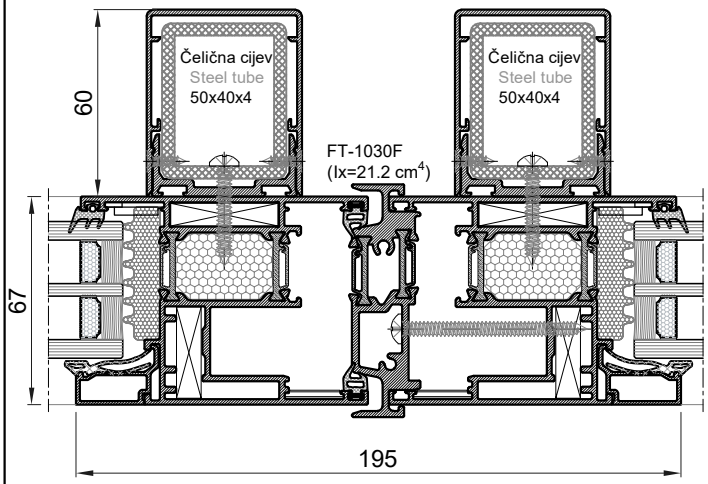
Rezultat/ Result
Potrebni Ix Required Ix = 42 cm^4

Odabrati odgovarajući profil iz tablice profila
Select the profile from the profile table

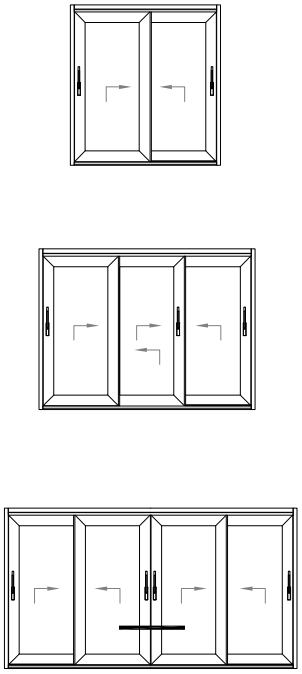
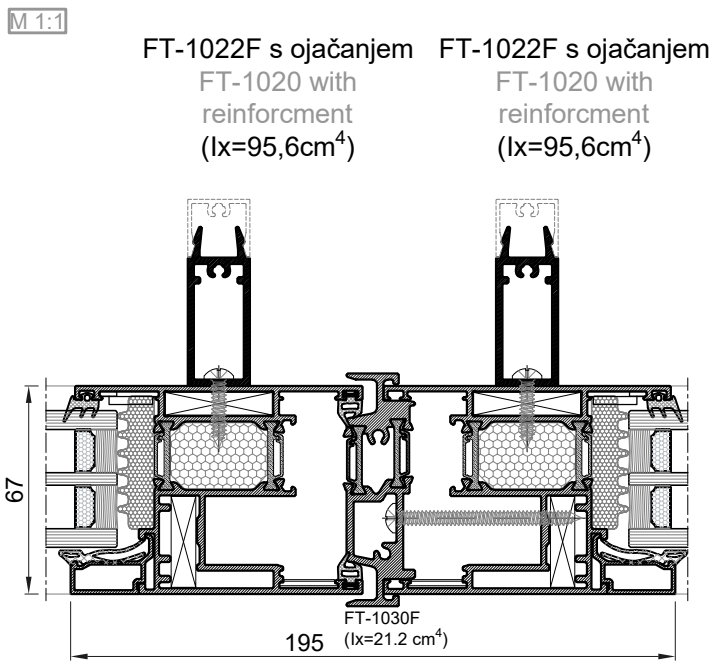
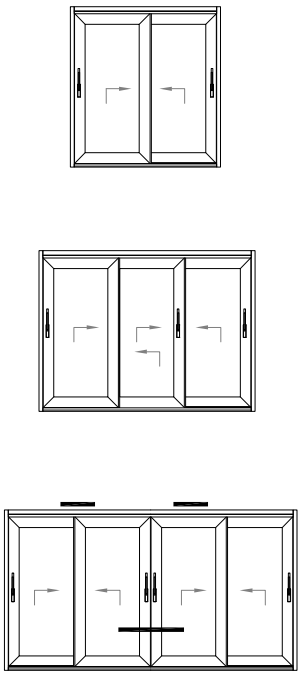
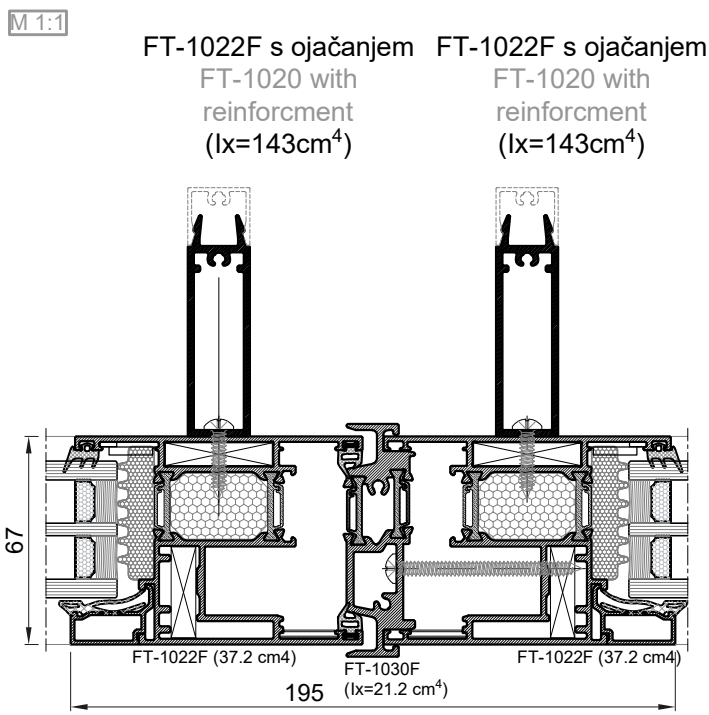
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	I_x (cm^4)
		FT-1022F i FT-1022F	74.4
		FT-1022 (ojačanje) i FT1022	304,8

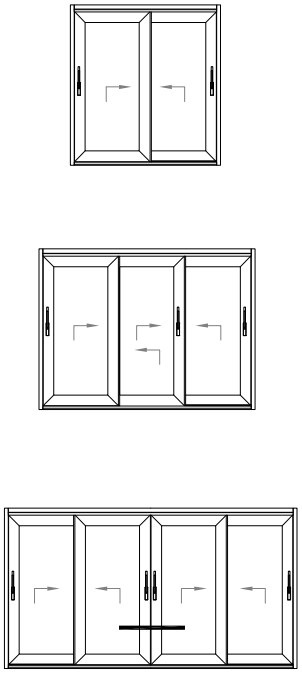
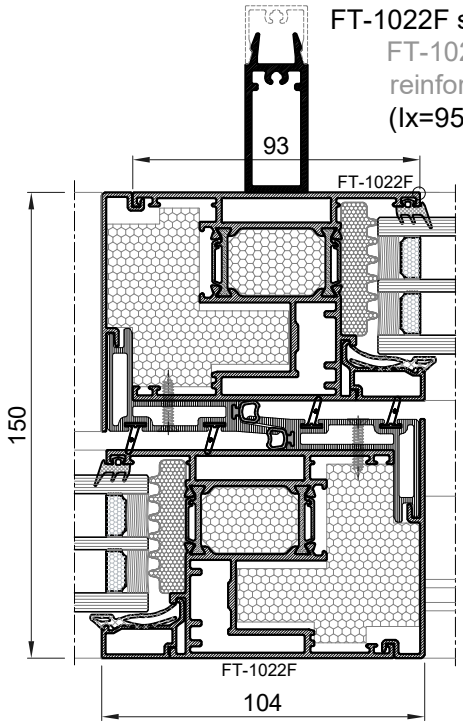
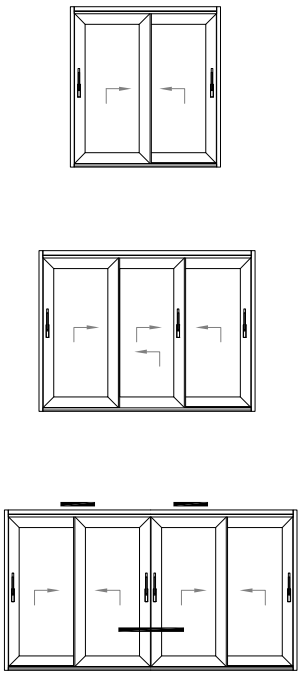
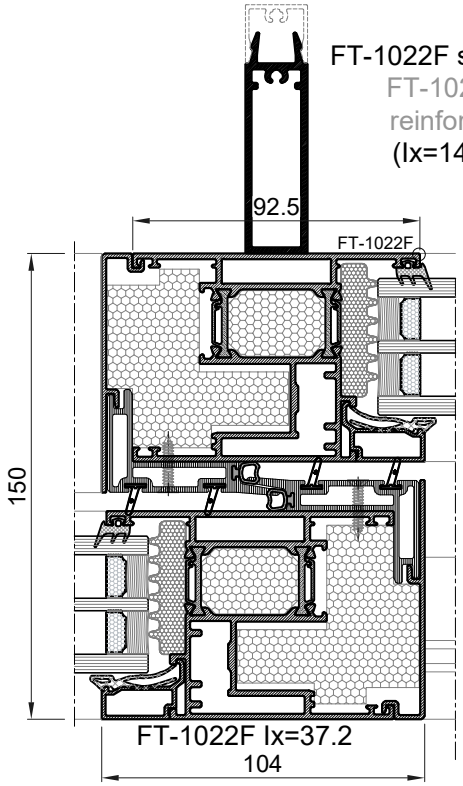
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 	FT-1022F i FT-1022F + (FT-1030)	95,6
	M 1:1 FT-1022F s ojačanjem FT-1022 with reinforcment (Ix=267.4 cm^4) FT-1022F s ojačanjem FT-1022 with reinforcment (Ix=267.4 cm^4) 	FT-1022 (ojačanje) i FT1022 (ojačanje) + FT-1030	556

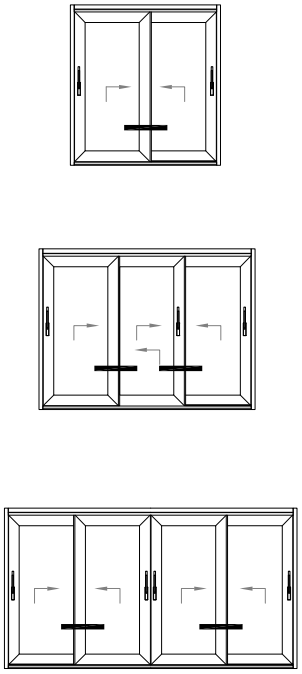
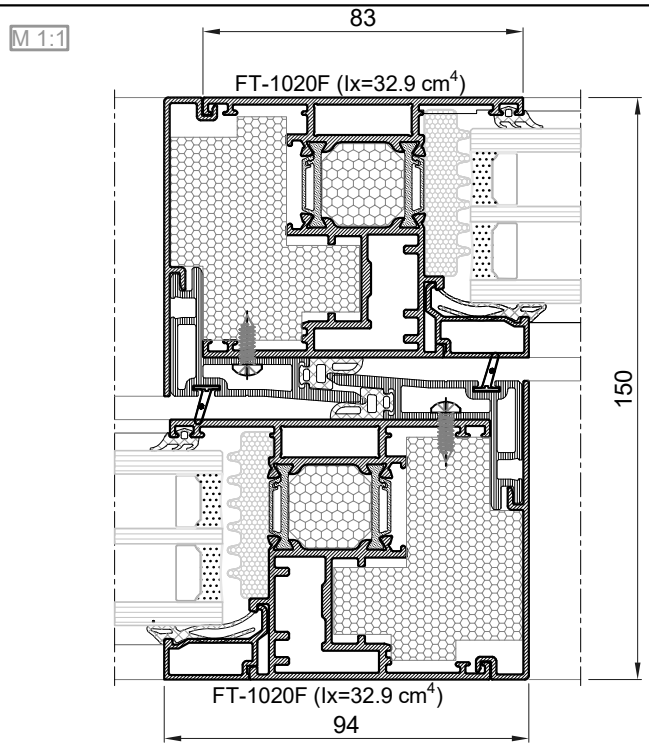
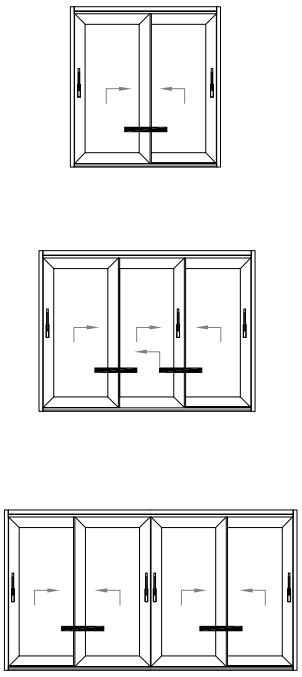
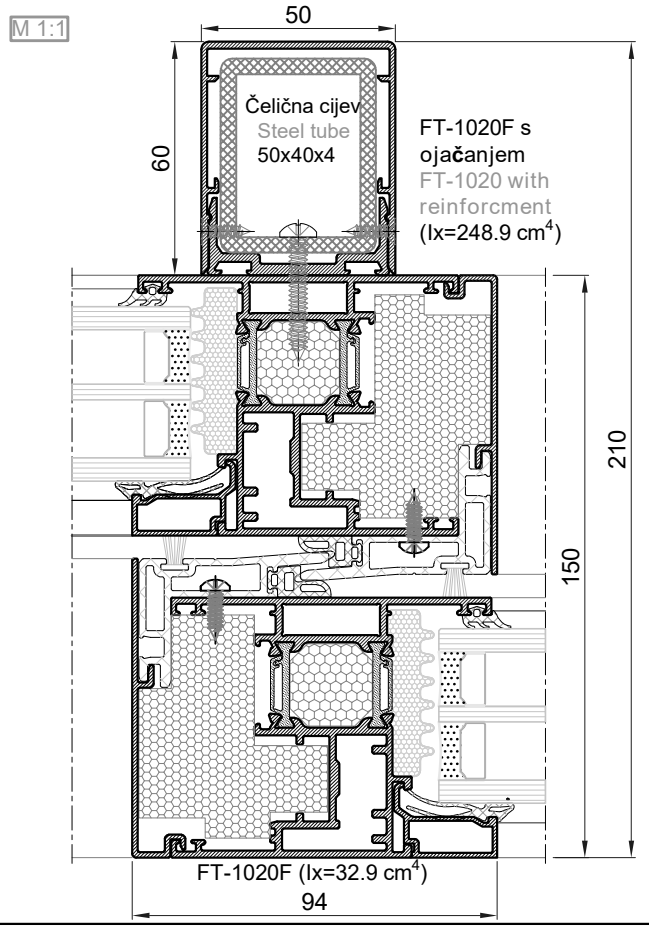
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 	FT-1022F + F-1634 i FT-1022F + F-1634 + (FT-1030)	212,5
	M 1:1 	FT-1022F + NP-4183 i FT-1022F + NP-4183 + (FT-1030)	307,2

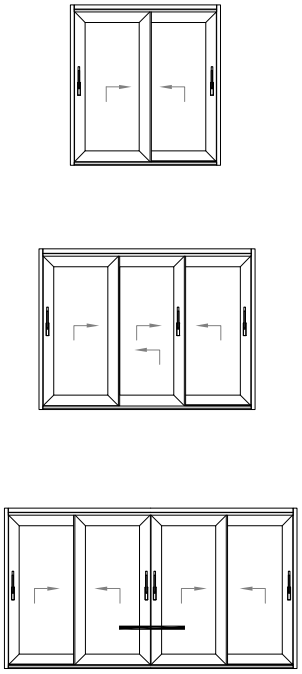
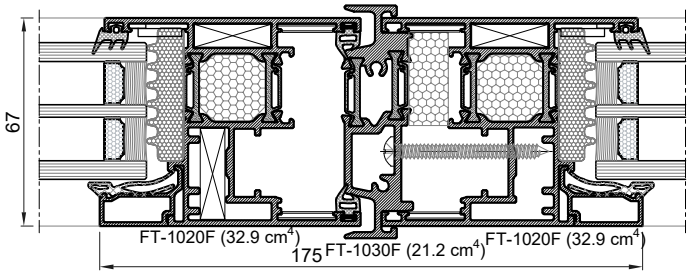
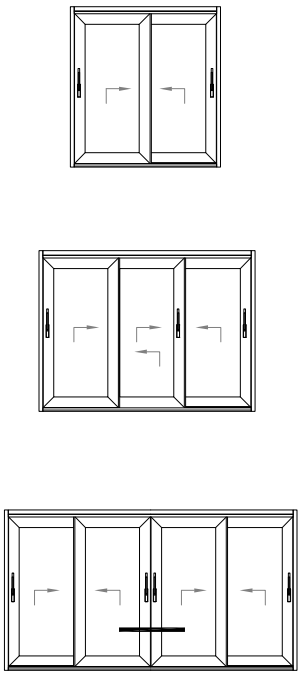
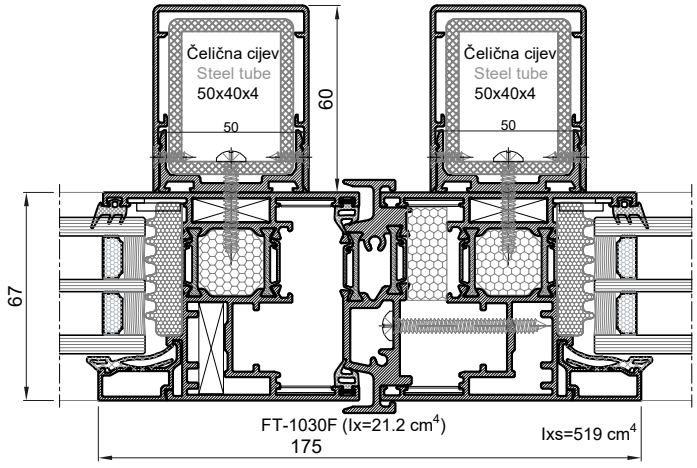
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1  FT-1022F s ojačanjem FT-1020 with reinforcment (Ix=95,6cm^4)	FT-1022F + F-1634 i FT-1022F	132,8
	M 1:1  FT-1022F s ojačanjem FT-1020 with reinforcment (Ix=143cm^4)	FT-1022 + NP-4138 i FT1022	180

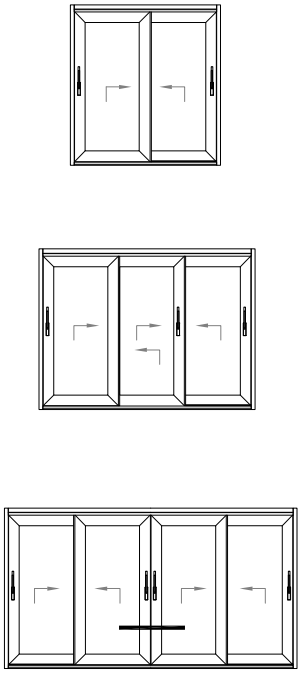
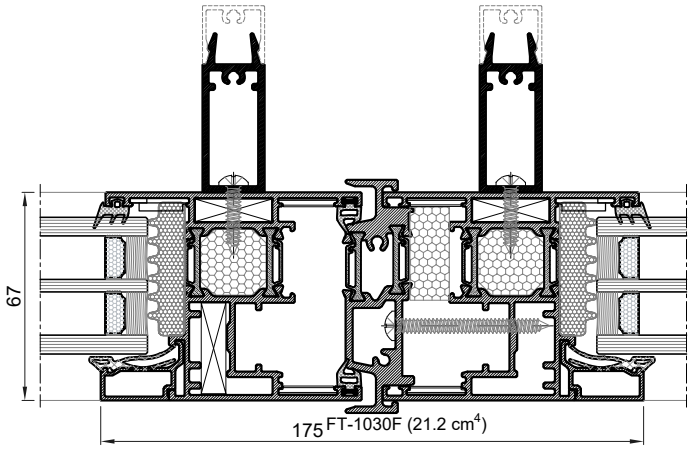
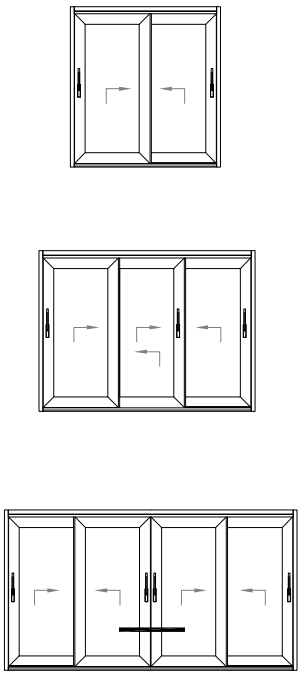
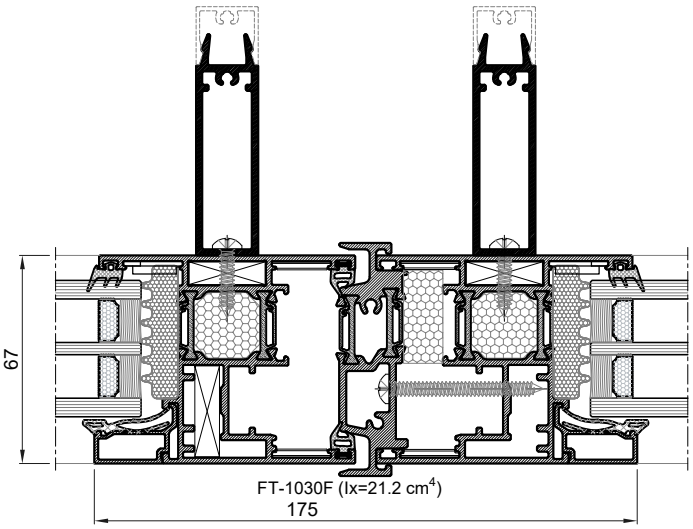
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	I_x (cm^4)
		FT-1020F i FT-1020F	65.8
		FT1020 (ojačanje) i FT-1020	282,6

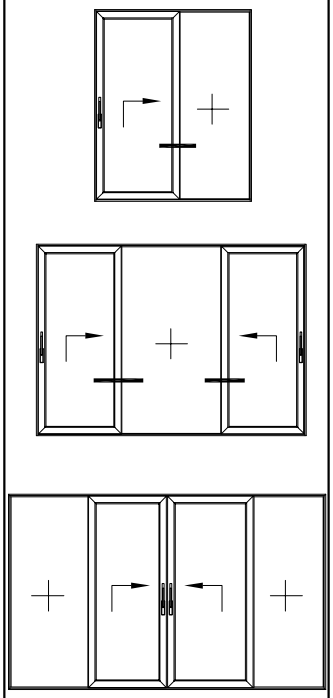
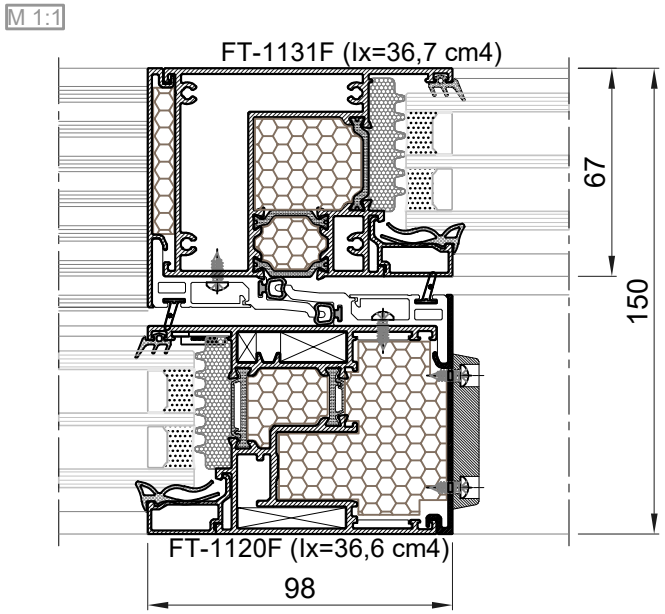
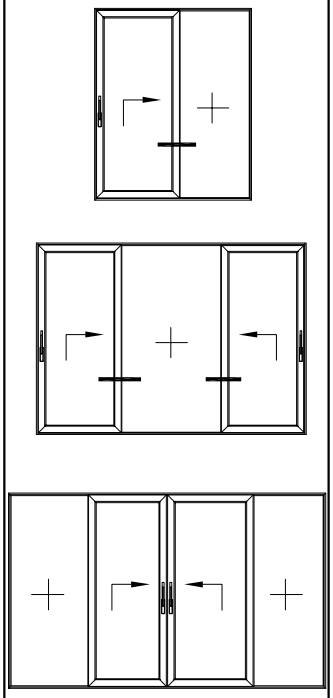
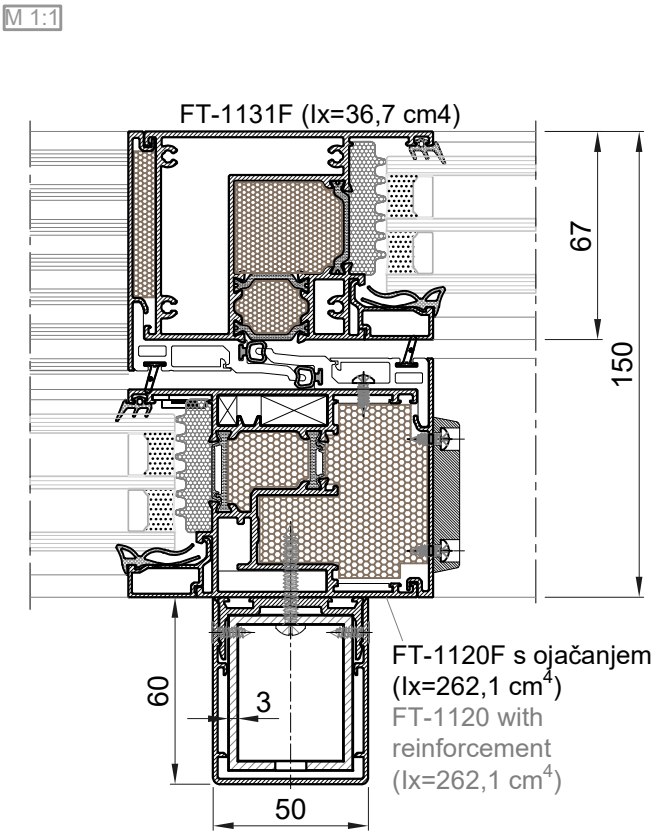
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 	FT-1020F i FT-1020F + (FT-1030)	87
	M 1:1 FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=248.9 cm^4) FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=248.9 cm^4) 	FT-1020 (ojačanje) i FT1020 (ojačanje) + FT-1030	519

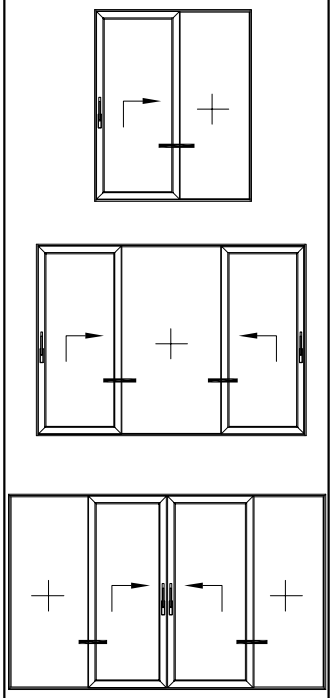
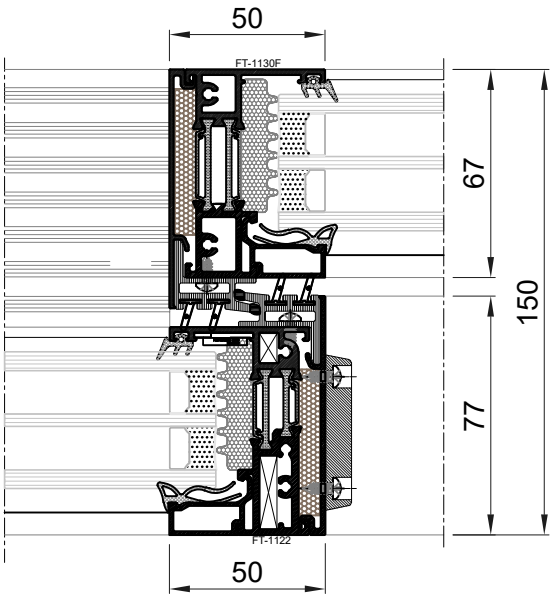
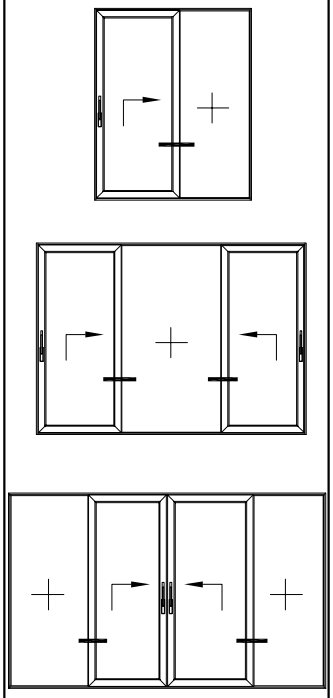
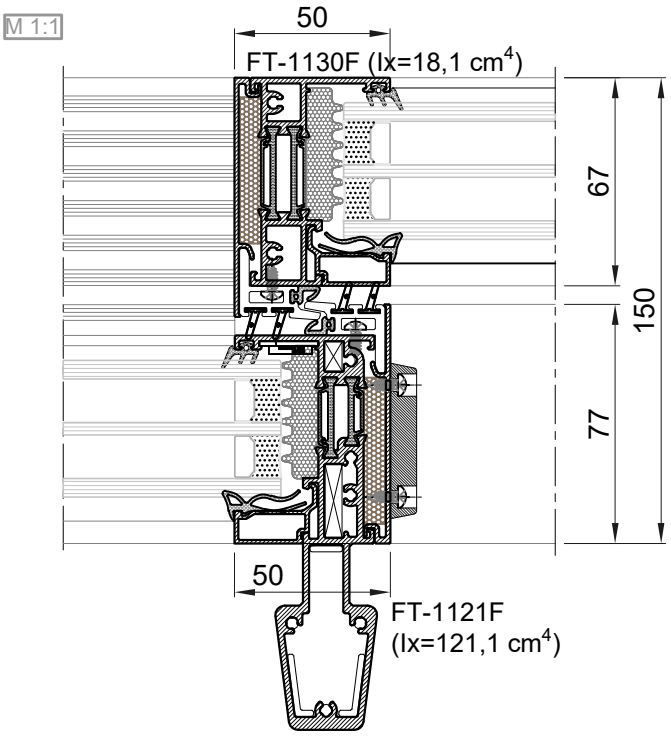
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=89,4cm^4) FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=89,4cm^4) 	FT-1020F + F-1634 i FT-1020F + F1634 + (FT-1030)	200
	M 1:1 FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=134,8cm^4) FT-1020F s ojačanjem FT-1020 with reinforcment (Ix=134,8cm^4) 	FT-1020F + NP-4183 i FT-1020F + NP-4183 + (FT-1030)	291

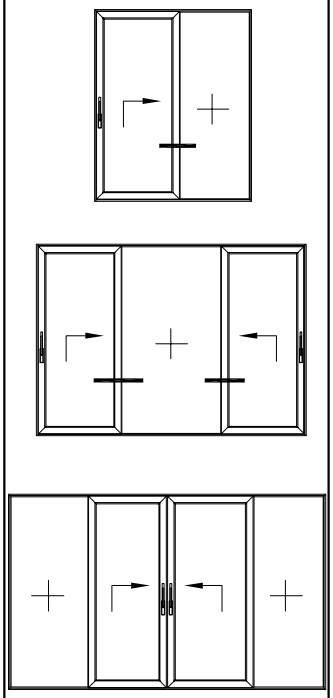
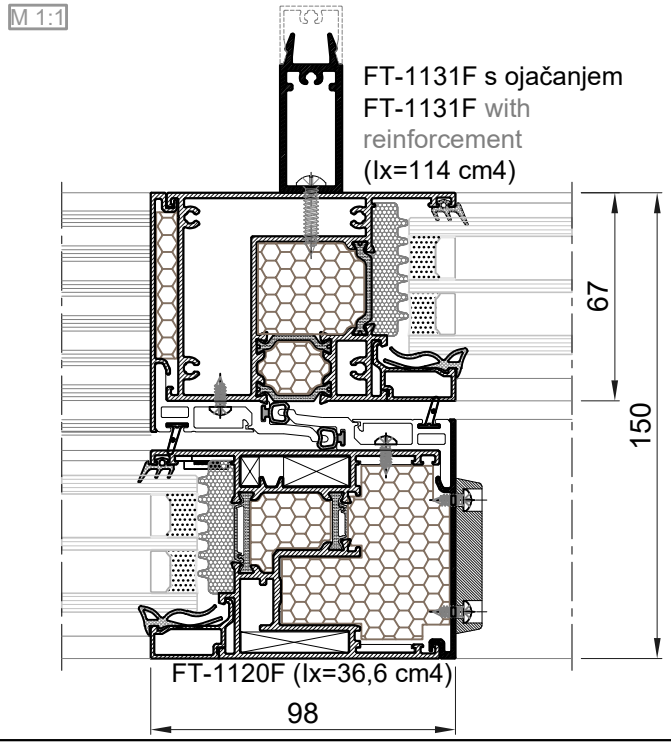
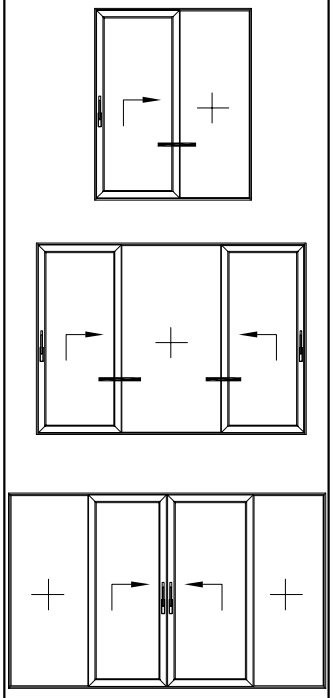
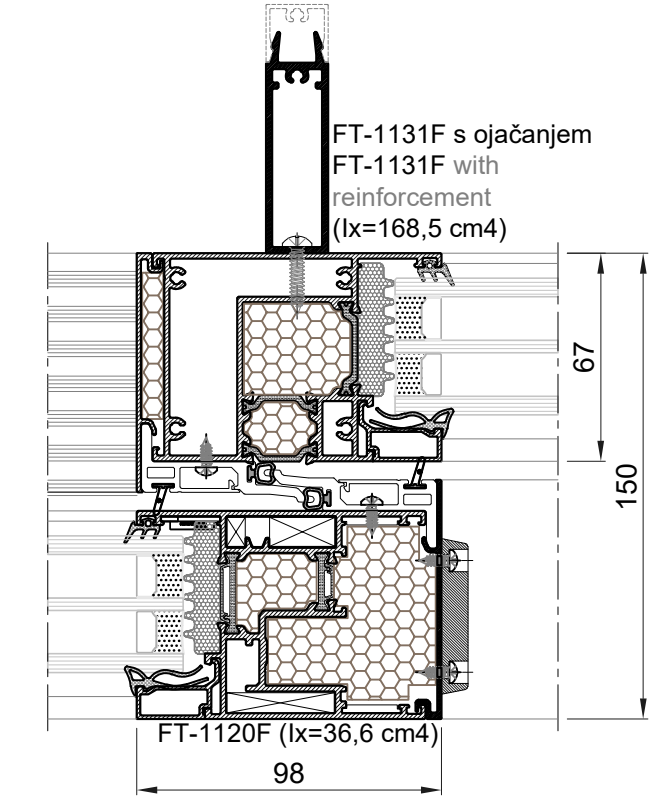
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
		FT-1131F i FT-1120F	73.4
		FT-1131 i FT1120 (ojačanje)	300,8

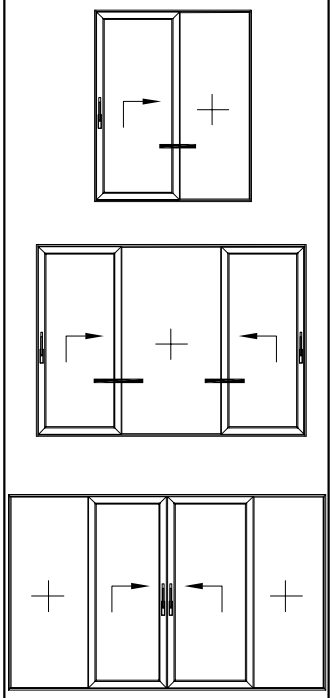
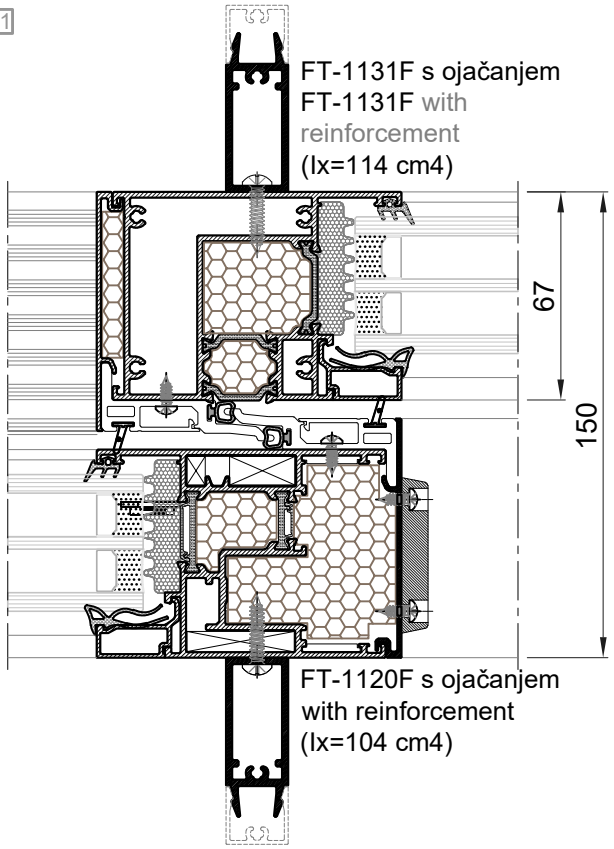
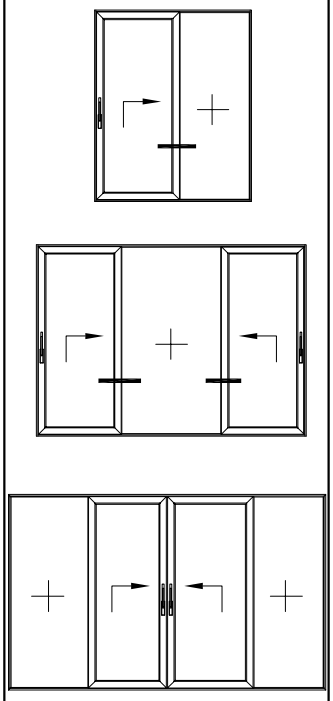
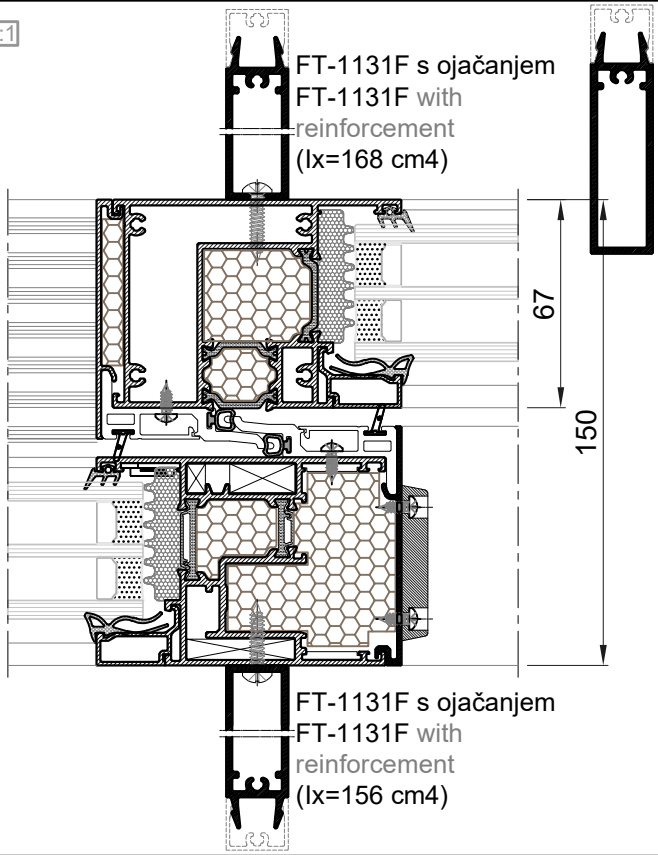
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
		FT-1130F i FT-1122F	37
		FT-1130F i FT-1121F	139.2

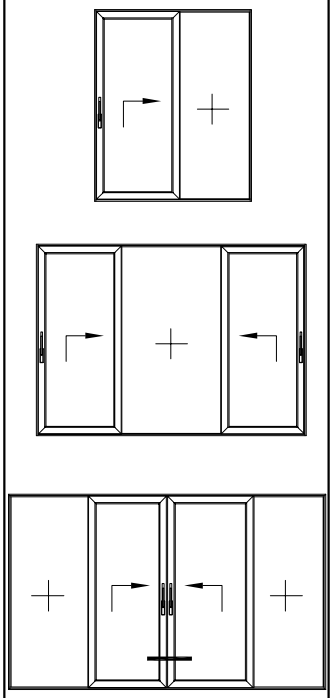
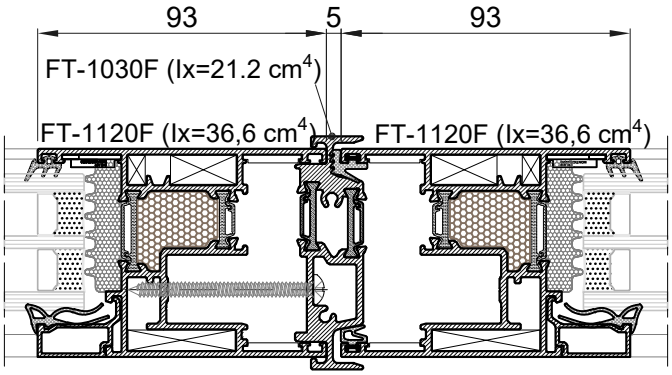
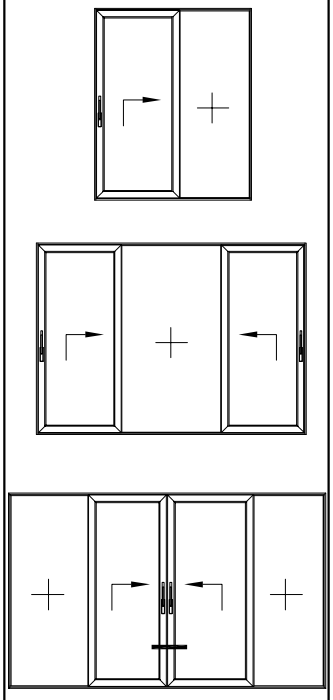
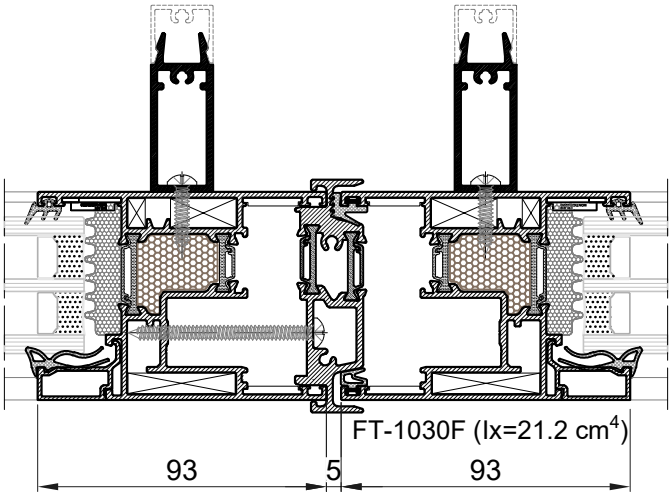
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
		FT-1131F + F-1634 i FT-1120F	150,6
		FT-1131 + NP-4183 i FT1120	205.2

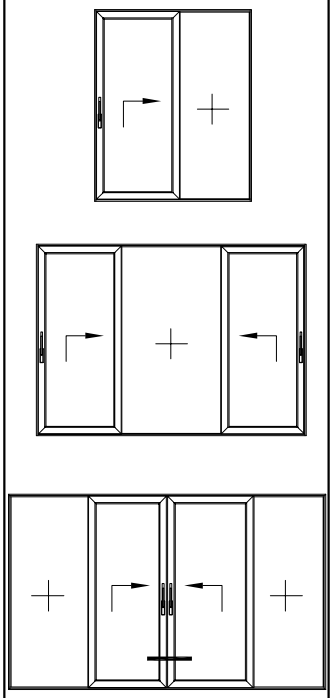
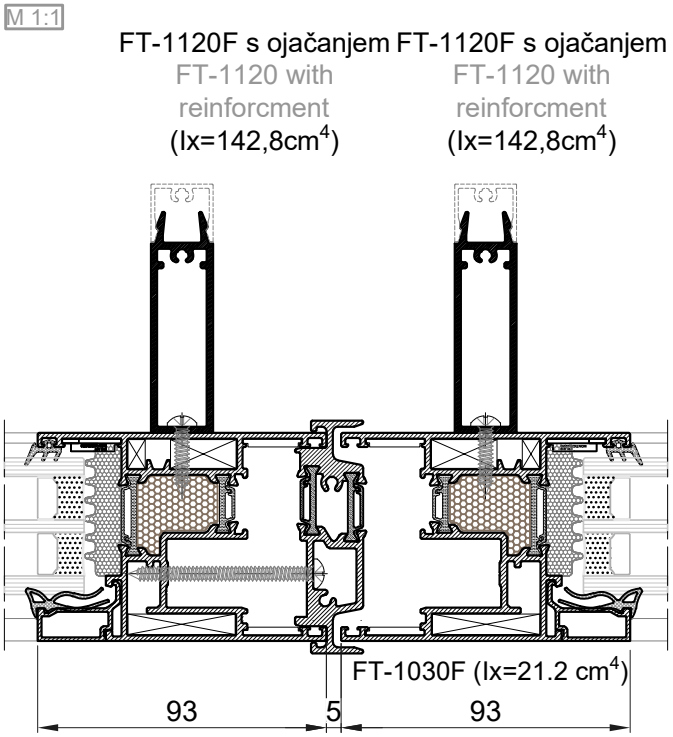
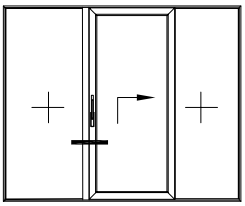
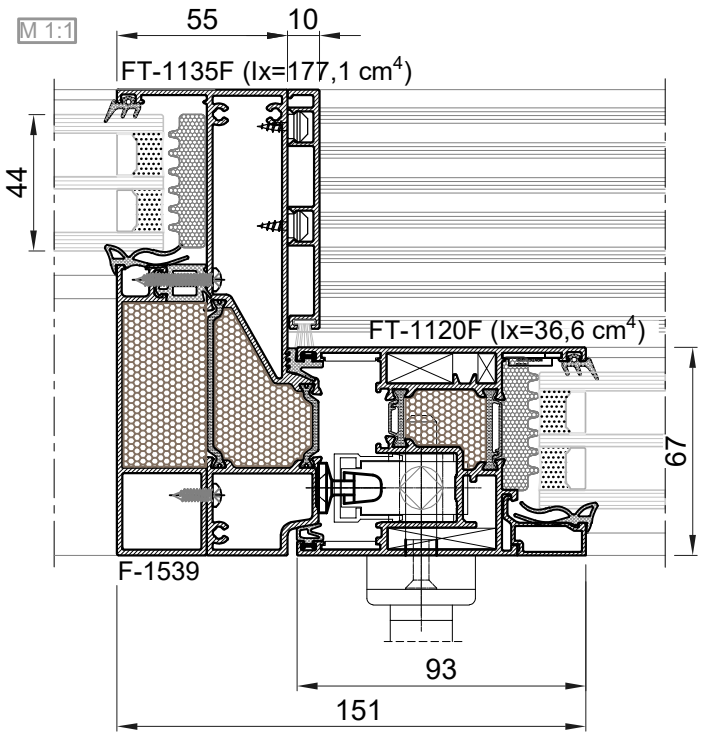
Vrijednosti momenta inercije
Moment of inertia values

Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 	FT-1131F + F-1634 i FT-1120F + F-1634	218
	M 1:1 	FT-1131F + NP-4183 i FT-1120F + NP-4183	324

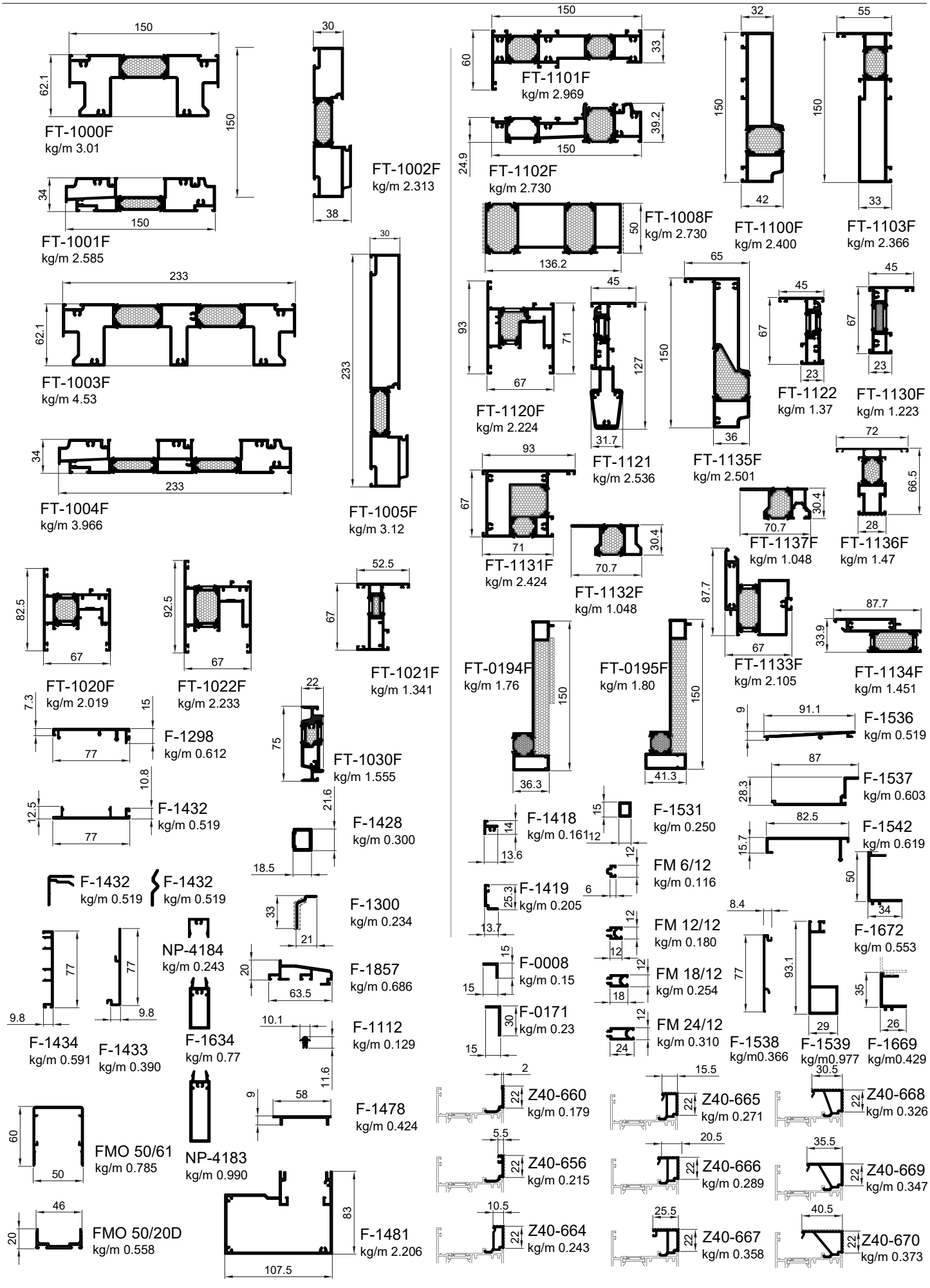
Vrijednosti momenta inercije
Moment of inertia values

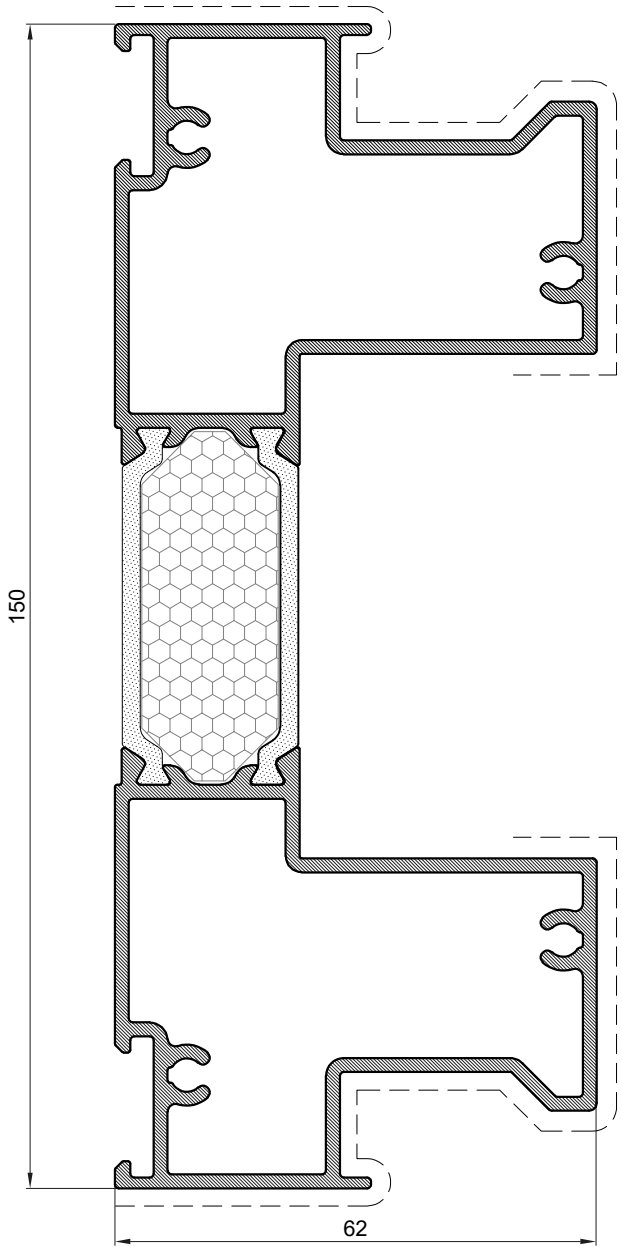
Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
	M 1:1 	FT-1120F + (FT-1030F) i FT1120	94.4
	M 1:1 FT-1120F s ojačanjem FT-1120 with reinforcment (Ix=95,3cm^4) FT-1120F s ojačanjem FT-1120 with reinforcment (Ix=95,3cm^4) 	FT-1120F + F-1634 i FT-1120F + F1634 + (FT-1030)	211,8

Vrijednosti momenta inercije
Moment of inertia values

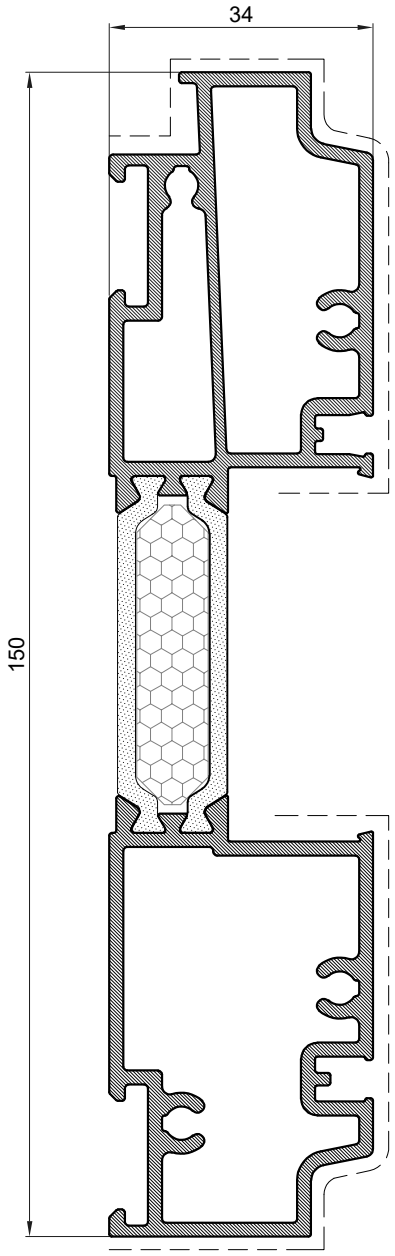
Tip otvaranja Opening type	Izgled View	Profili Profiles	Ix (cm^4)
		FT-1120F + NP-4183 i FT-1120F + NP-4183 + (FT-1030)	306,8
		FT-1120F i FT-1135F	213.7

Profili
Profiles


FT-1000F
kg/m 3.01
FT-1001F
kg/m 2.585
FT-1002F
kg/m 2.313
FT-1003F
kg/m 4.53
FT-1004F
kg/m 3.966
FT-1005F
kg/m 3.12
FT-1101F
kg/m 2.969
FT-1102F
kg/m 2.730
FT-1100F
kg/m 2.400
FT-1103F
kg/m 2.366
FT-1008F
kg/m 2.730
FT-1120F
kg/m 2.224
FT-1121
kg/m 2.536
FT-1135F
kg/m 2.501
FT-1122
kg/m 1.37
FT-1130F
kg/m 1.223
FT-1131F
kg/m 2.424
FT-1132F
kg/m 1.048
FT-1137F
kg/m 1.048
FT-1136F
kg/m 1.47
FT-1020F
kg/m 2.019
FT-1022F
kg/m 2.233
FT-1021F
kg/m 1.341
FT-1030F
kg/m 1.555
FT-0194F
kg/m 1.76
FT-0195F
kg/m 1.80
FT-1133F
kg/m 2.105
FT-1134F
kg/m 1.451
F-1298
kg/m 0.612
F-1432
kg/m 0.519
F-1428
kg/m 0.300
F-1432
kg/m 0.519
F-1432
kg/m 0.519
F-1300
kg/m 0.234
NP-4184
kg/m 0.243
F-1857
kg/m 0.686
F-1434
kg/m 0.591
F-1433
kg/m 0.390
F-1634
kg/m 0.77
F-1112
kg/m 0.129
F-1478
kg/m 0.424
FMO 50/61
kg/m 0.785
NP-4183
kg/m 0.990
FMO 50/20D
kg/m 0.558
F-1481
kg/m 2.206
F-1418
kg/m 0.161
F-1419
kg/m 0.205
F-0008
kg/m 0.15
F-0171
kg/m 0.23
F-1531
kg/m 0.250
FM 6/12
kg/m 0.116
FM 12/12
kg/m 0.180
FM 18/12
kg/m 0.254
FM 24/12
kg/m 0.310
F-1536
kg/m 0.519
F-1537
kg/m 0.603
F-1542
kg/m 0.619
F-1672
kg/m 0.553
F-1538
kg/m0.366
F-1539
kg/m0.977
F-1669
kg/m0.429
Z40-660
kg/m 0.179
Z40-656
kg/m 0.215
Z40-664
kg/m 0.243
Z40-665
kg/m 0.271
Z40-666
kg/m 0.289
Z40-667
kg/m 0.358
Z40-668
kg/m 0.326
Z40-669
kg/m 0.347
Z40-670
kg/m 0.373

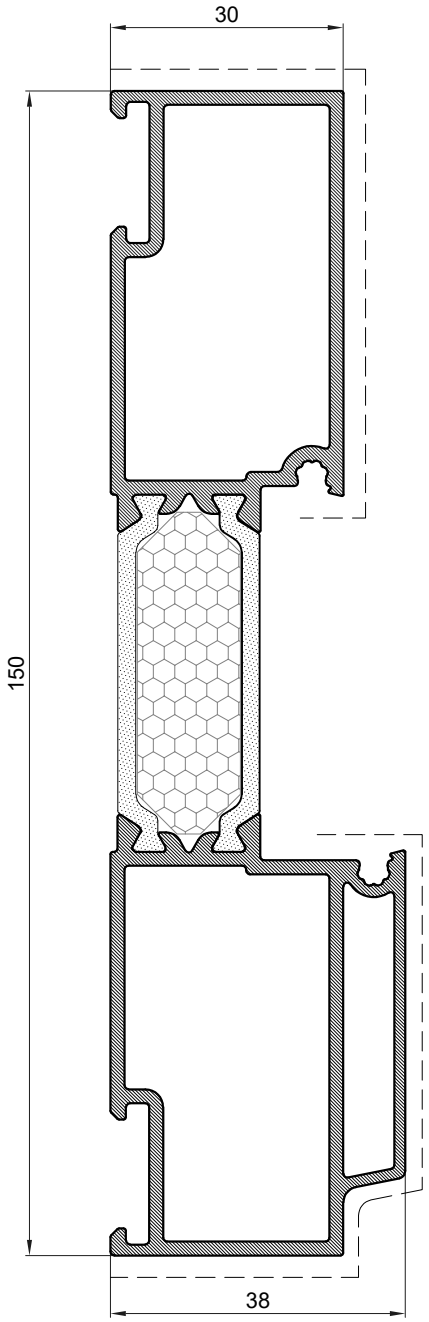


Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1001F	
Težina Weight	kg/m	2.585
Opseg Perimeter	mm	468
Moment inercije Moment of inertia	Ix (cm4)	153.12
	Iy (cm4)	11.59
	Wx (cm4)	20.03
	Wy (cm4)	6.76
L	mm	6500



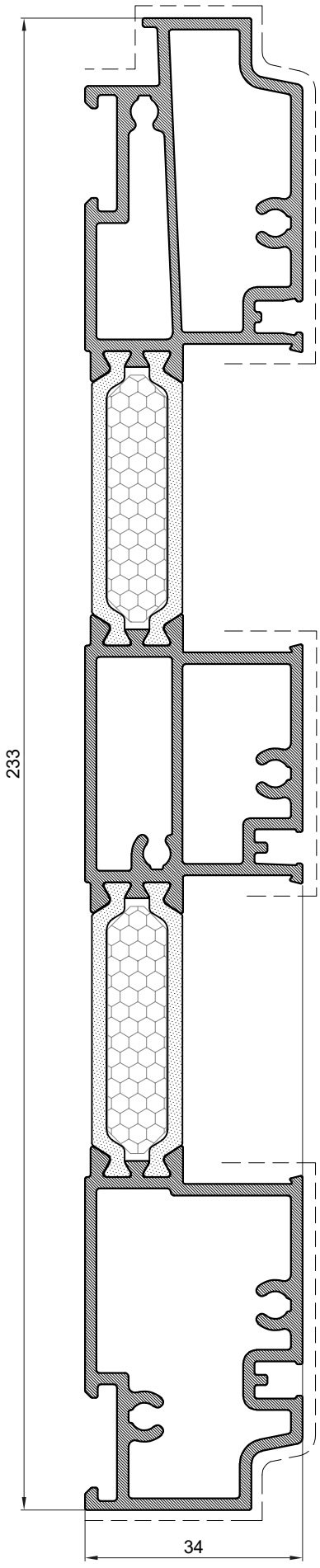
Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1000F	
Težina Weight	kg/m	3.01
Opseg Perimeter	mm	570
Moment inercije Moment of inertia	Ix (cm4)	192.05
	Iy (cm4)	46.86
	Wx (cm4)	25.61
	Wy (cm4)	13.53
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

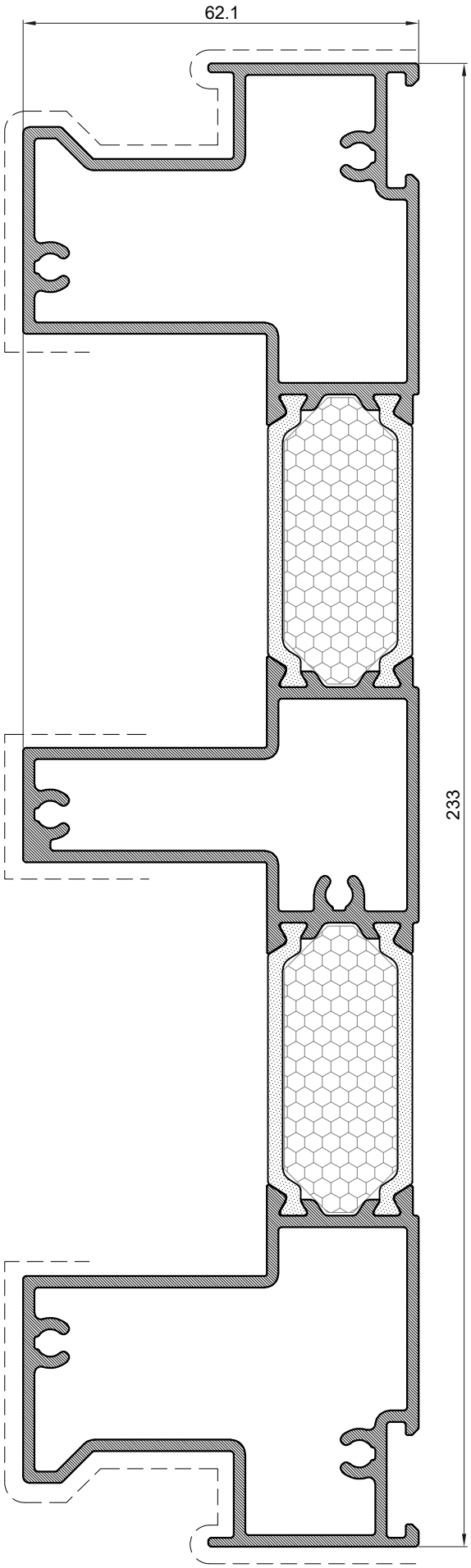


Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1002F	
Težina Weight	kg/m	2.313
Opseg Perimeter	mm	448
Moment inercije Moment of inertia	Ix (cm4)	136.85
	Iy (cm4)	12.07
	Wx (cm4)	17.18
	Wy (cm4)	5.79
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

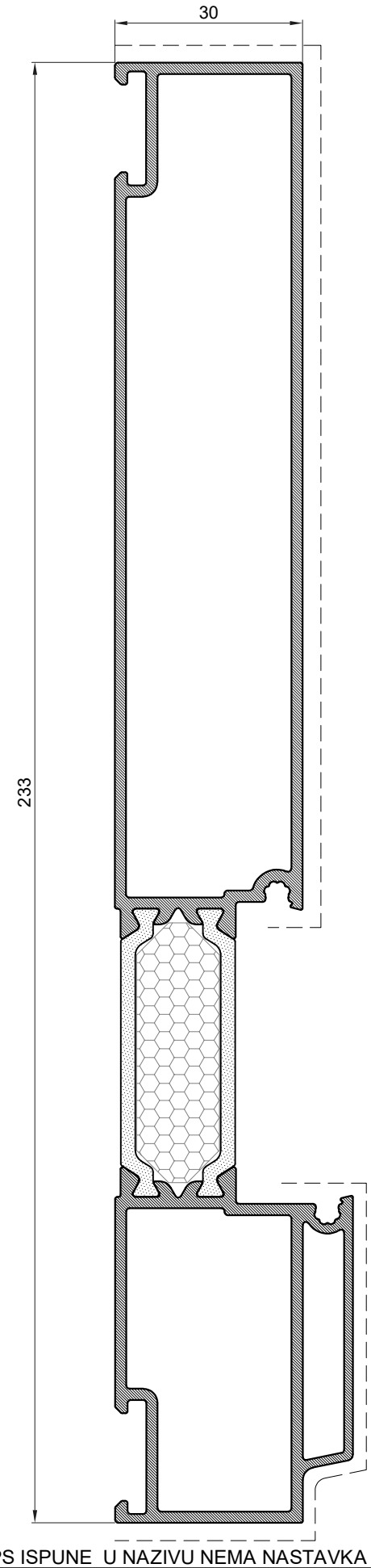


Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1004F	
Težina Weight	kg/m	3.966
Opseg Perimeter	mm	526
Moment inercije Moment of inertia	Ix (cm4)	537.38
	Iy (cm4)	16.9
	Wx (cm4)	45.73
	Wy (cm4)	9.73
L	mm	6500



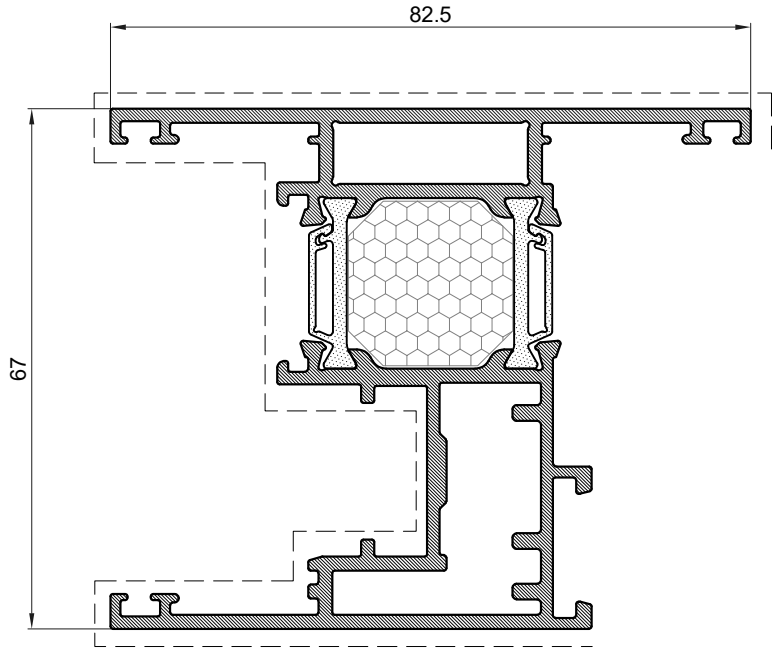
Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1003F	
Težina Weight	kg/m	4.53
Opseg Perimeter	mm	630
Moment inercije Moment of inertia	Ix (cm4)	656.66
	Iy (cm4)	66.3
	Wx (cm4)	56.37
	Wy (cm4)	18.98
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

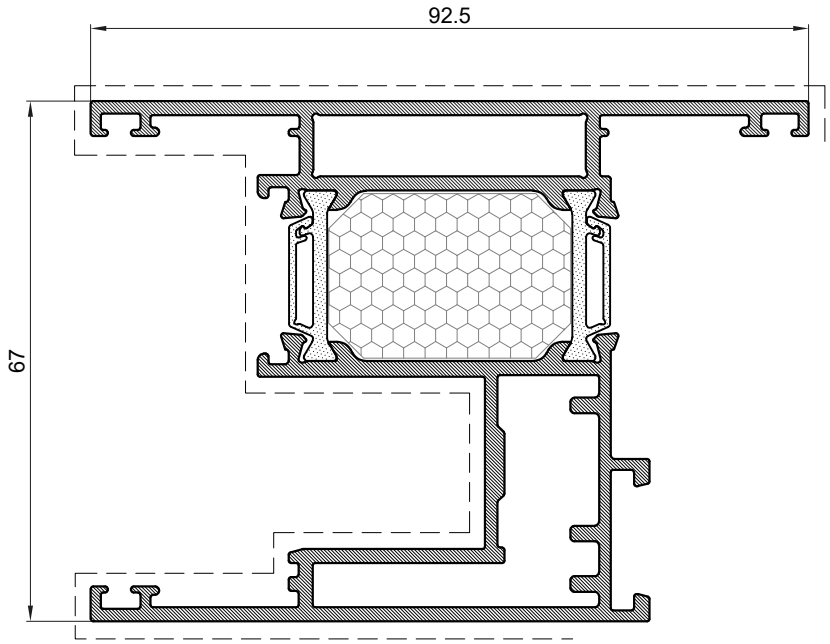


Frame profile Frame profile		
Art.-Br. Art.-Br.	FT-1005F	
Težina Weight	kg/m	3.12
Opseg Perimeter	mm	534
Moment inercije Moment of inertia	Ix (cm4)	460.2
	Iy (cm4)	18.16
	Wx (cm4)	37.46
	Wy (cm4)	8.45
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

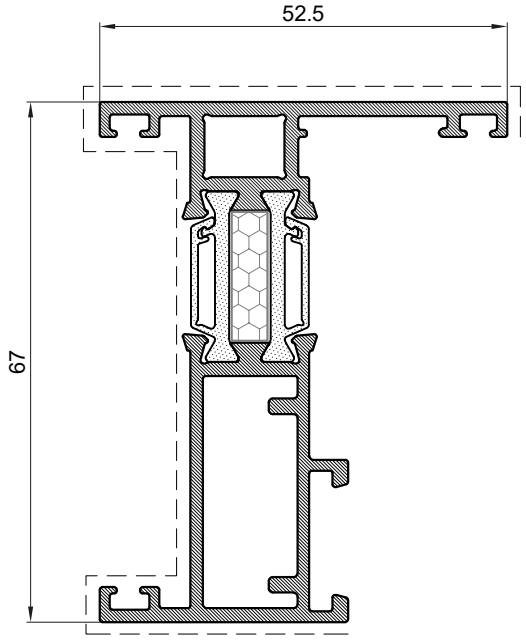


Profil krila do 150 kg Sash profile to 150 kg		
Art.-Br. Art.-Nr.	FT-1020F	
Težina Weight	kg/m	2.019
Opseg Perimeter	mm	569
Moment inercije Moment of inertia	Ix (cm4)	32.93
	Iy (cm4)	21.86
	Wx (cm4)	9.38
	Wy (cm4)	5.12
L	mm	6500

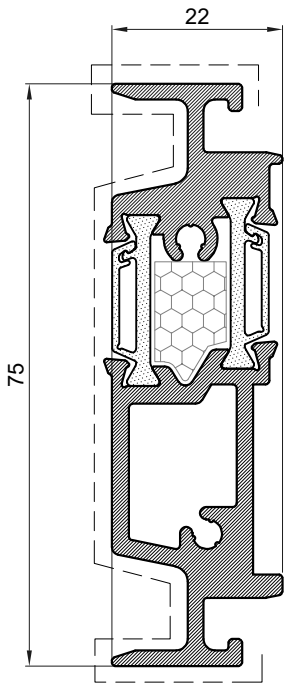


Profil krila preko 150 kg Sahs profile over 150 kg		
Art.-Br. Art.-Nr.	FT-1022F	
Težina Weight	kg/m	2.233
Opseg Perimeter	mm	629
Moment inercije Moment of inertia	Ix (cm 4)	37.23
	Iy (cm 4)	33.44
	Wx (cm 4)	10.64
	Wy (cm 4)	7.06
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

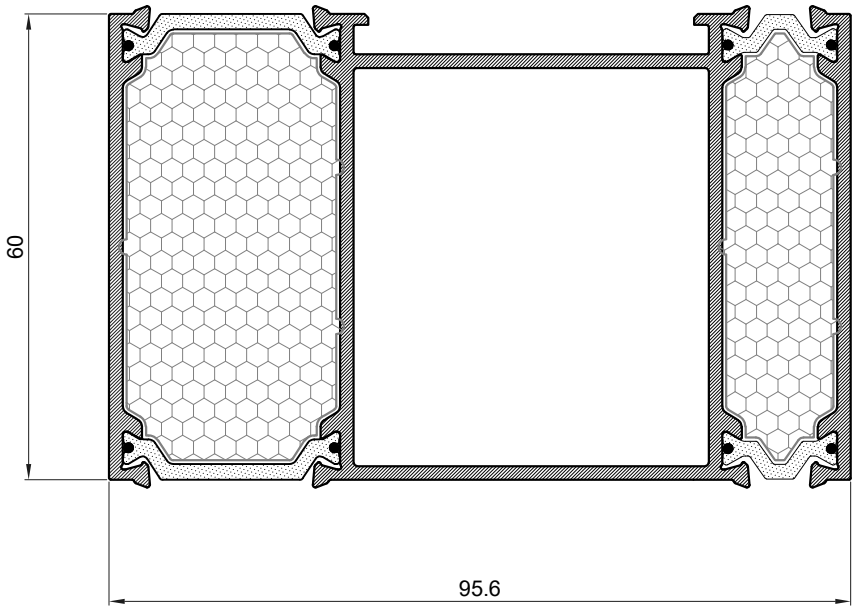


Profil krila Sash profile		
Art.-Br. Art.-Nr.	FT-1021F	
Težina Weight	kg/m	1.341
Opseg Perimeter	mm	374
Moment inercije Moment of inertia	Ix (cm4)	20.15
	Iy (cm4)	5.19
	Wx (cm4)	5.49
	Wy (cm4)	1.64
L	mm	6500

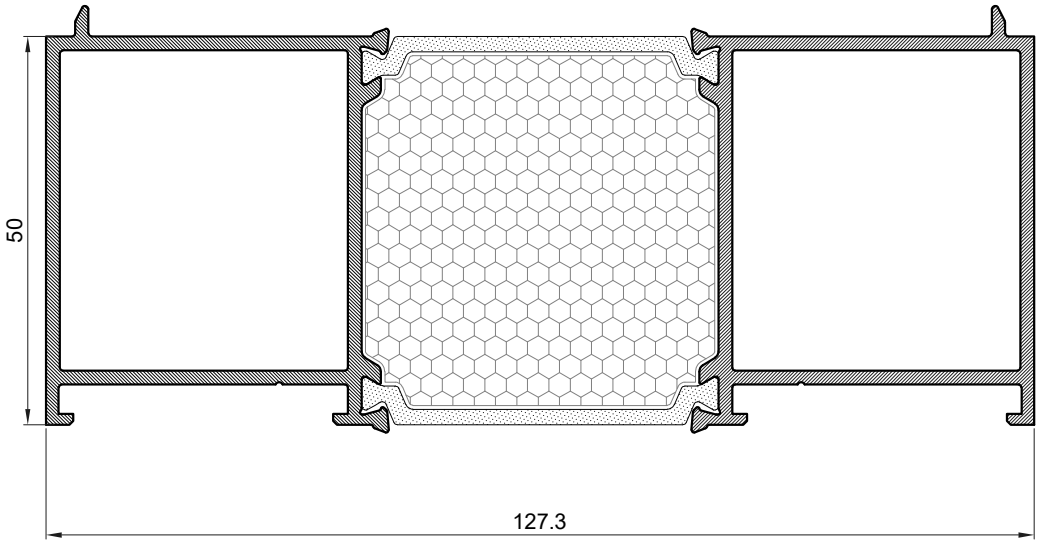


Profil spoja krila Sash joint profile		
Art.-Br. Art.-Nr.	FT-1030F	
Težina Weight	kg/m	1.555
Opseg Perimeter	mm	265
Moment of inertia	Ix (cm4)	21.23
	Iy (cm4)	1.78
	Wx (cm4)	5.60
	Wy (cm4)	1.51
L	mm	6500

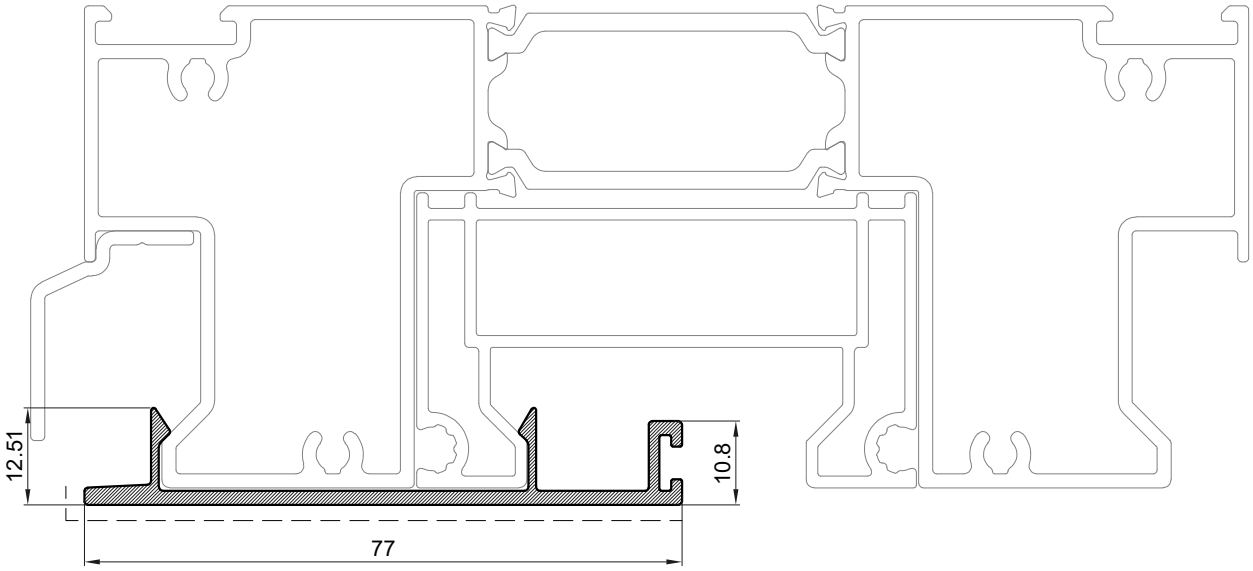
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"



Profil podštoka Connection profile for T150		
Art.Br. Art.Nr.	FT-1009F	
Težina Weight	kg/m'	2.149
Opseg Perimeter	mm	333
Moment inercije Moments of inertia	Ix (cm4)	52.98
	Iy (cm4)	22.3
	Wx (cm3)	14.59
	Wy (cm3)	10.15
L	mm	6500

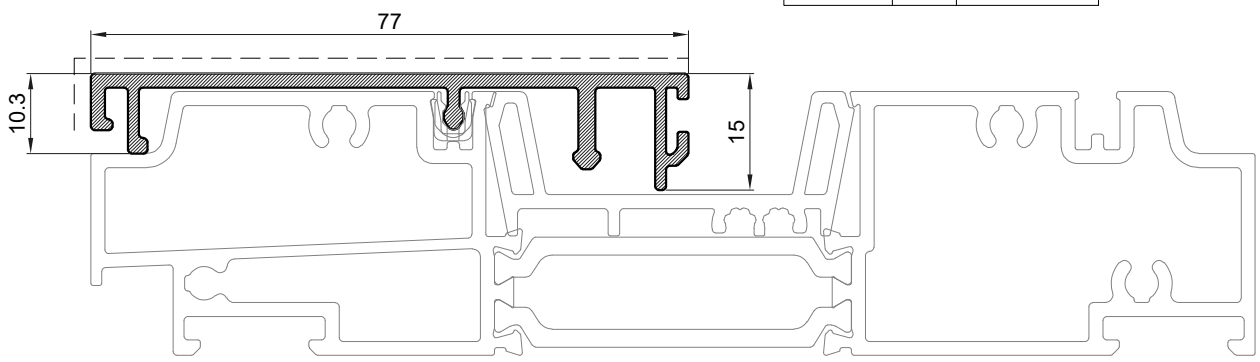


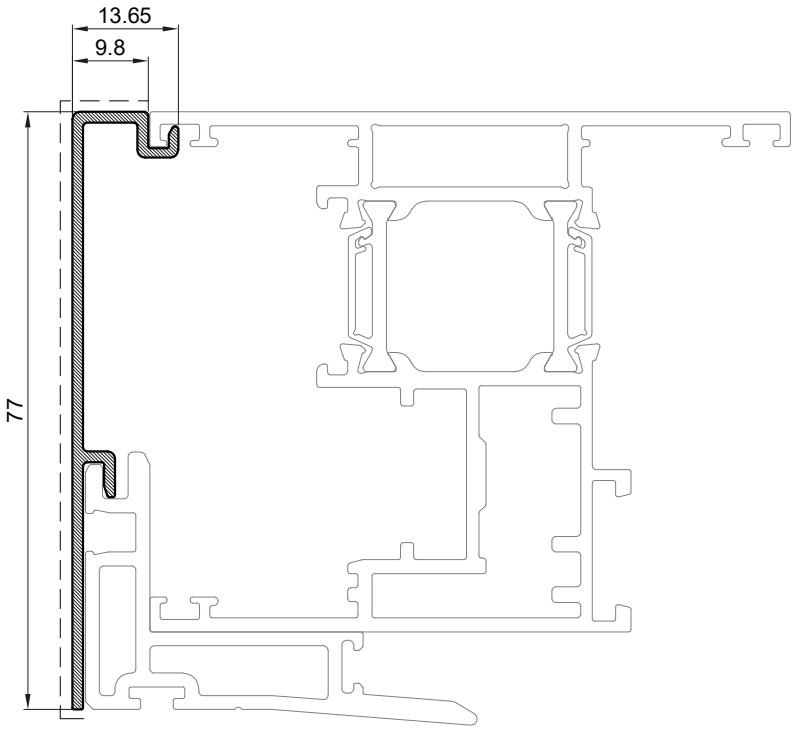
Profil podštoka Connection profile for T150		
Art.Br. Art.Nr.	FT-1008F	
Težina Weight	kg/m'	2.126
Opseg Perimeter	mm	405
Moment inercije Moments of inertia	Ix (cm4)	102.89
	Iy (cm4)	23.24
	Wx (cm3)	21.81
	Wy (cm3)	8.35
L	mm	6500



Profil maska Mask profile		
Art.-Br. Art.-Nr.	F-1432	
Težina Weight	kg/m	0.519
Opseg Perimeter	mm	228
L	mm	6500

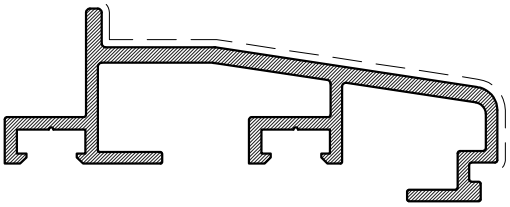
Profil maska Mask profile		
Art.-Br. Art.-Nr.	F-1298	
Težina Weight	kg/m	0.612
Opseg Perimeter	mm	257
L	mm	6500

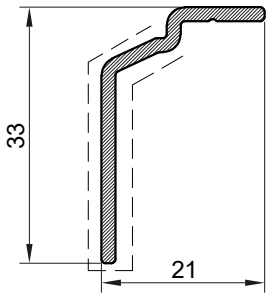




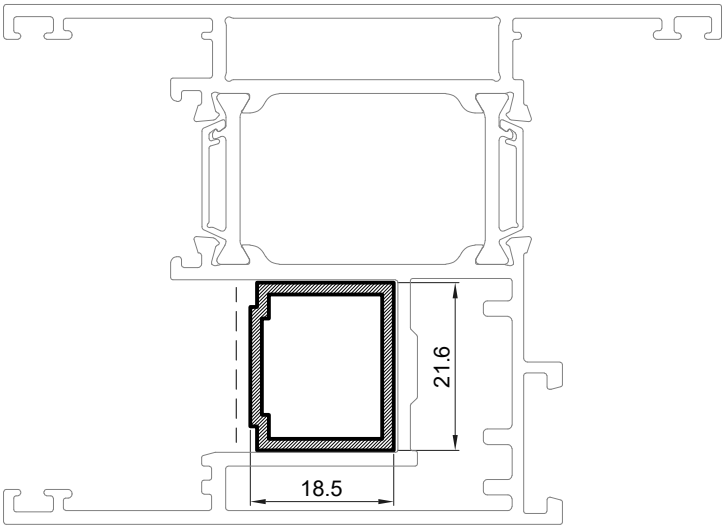
Profil spoja krila Sash joint profile		
Art.-Br. Art.-Nr.	F-1433	
Težina Weight	0.390	0.390
Opseg Perimeter	209	209
L	mm	6500

Profil za nadsvijetlo Toplight profile		
Art.-Br. Art.-Nr.	F-1857	
Težina Weight	kg/m	0.686
Opseg Perimeter	mm	295.7
L	mm	6500

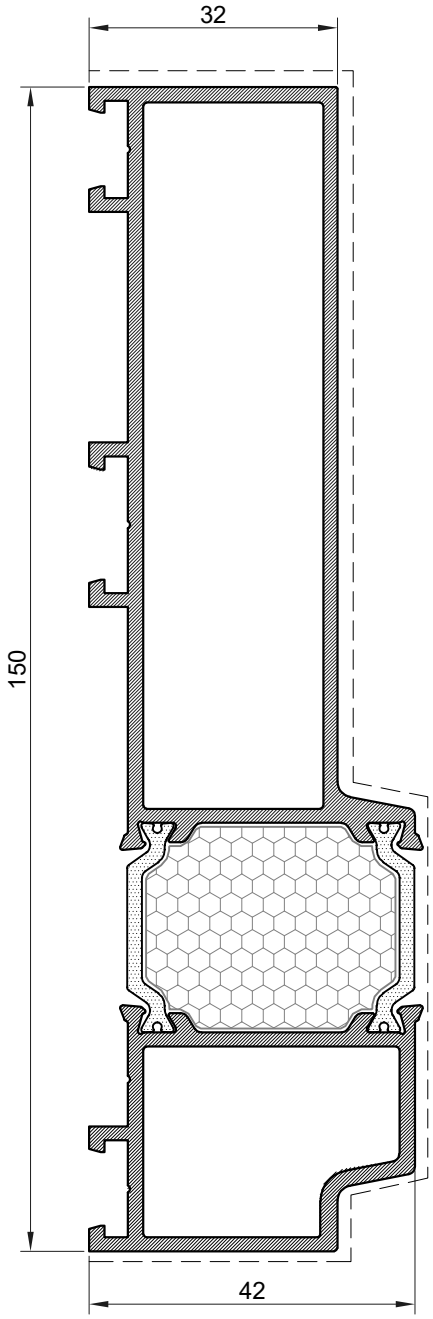




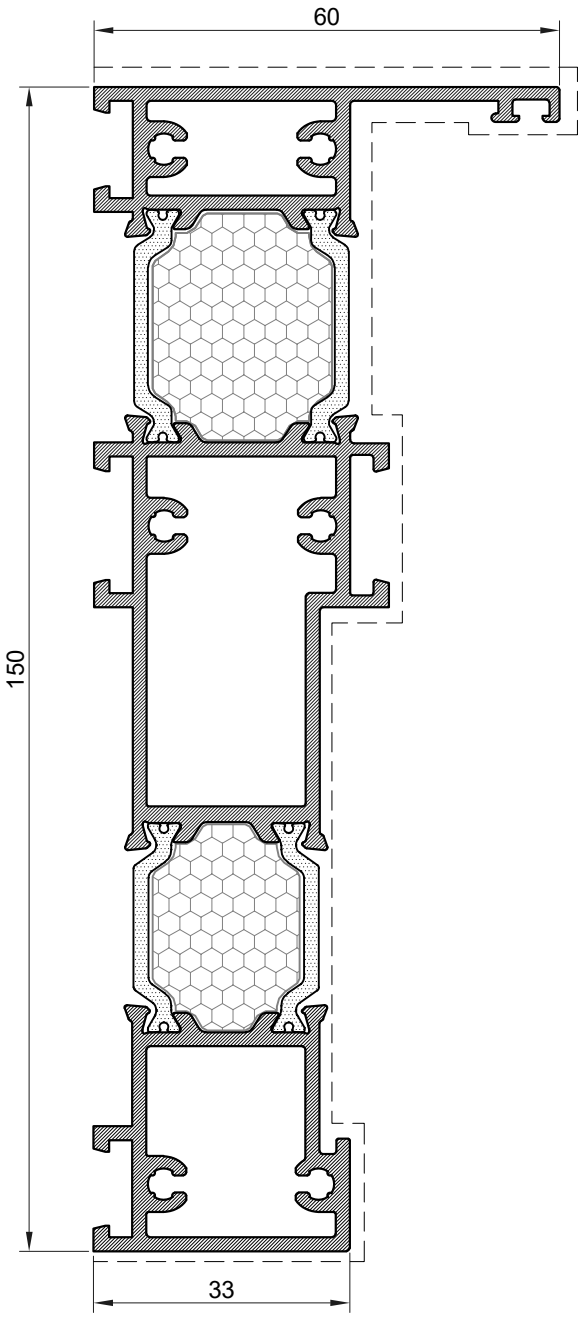
Okapnica Drip cap profile		
Art.-Br. Art.-Nr.	F-1300	
Težina Weight	kg/m	0.234
Opseg Perimeter	mm	88
L	mm	6500



Dodatni profil Additional profile		
Art.-Br. Art.-Nr.	F-1428	
Težina Weight	kg/m	0.300
Opseg Perimeter	mm	80
L	mm	6500

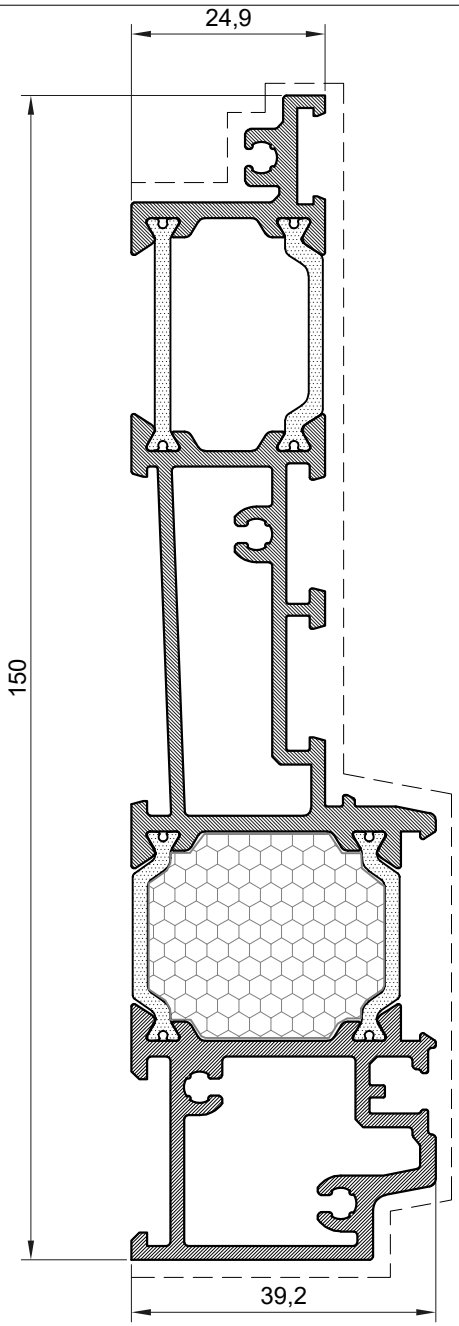


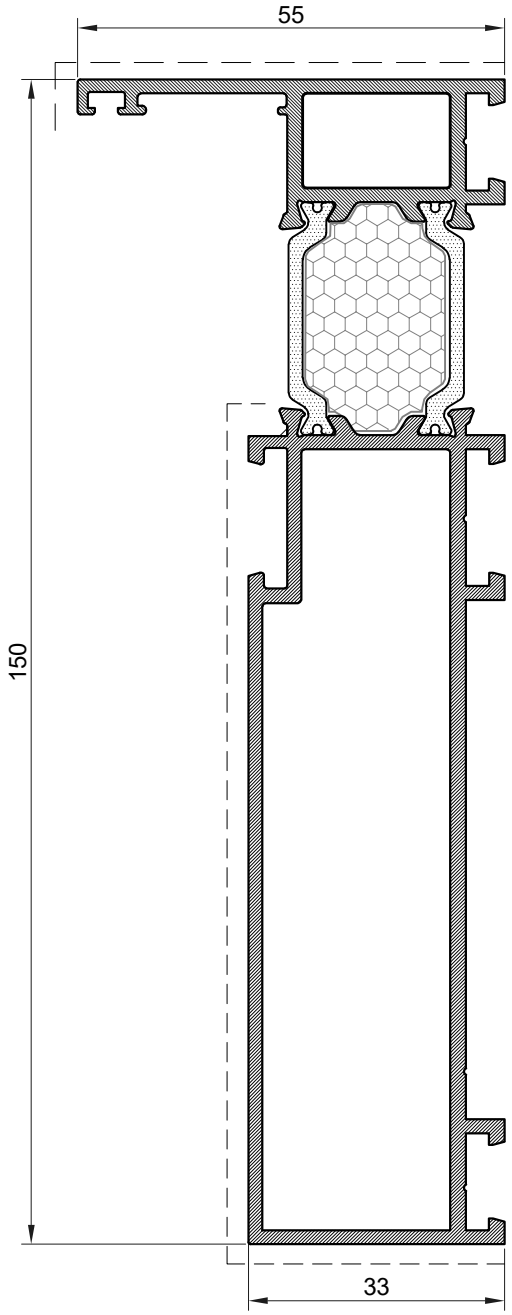
Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1100F	
Težina Weight	kg/m	2400
Opseg Perimeter	mm	451
Moment inercije Moment of inertia	Ix (cm4)	156.84
	Iy (cm4)	14.68
	Wx (cm4)	24.90
	Wy (cm4)	6.09
L	mm	6500



Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1101F	
Težina Weight	kg/m	2.969
Opseg Perimeter	mm	551
Moment inercije Moment of inertia	Ix (cm4)	205.25
	Iy (cm4)	16.61
	Wx (cm4)	31.09
	Wy (cm4)	4.09
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

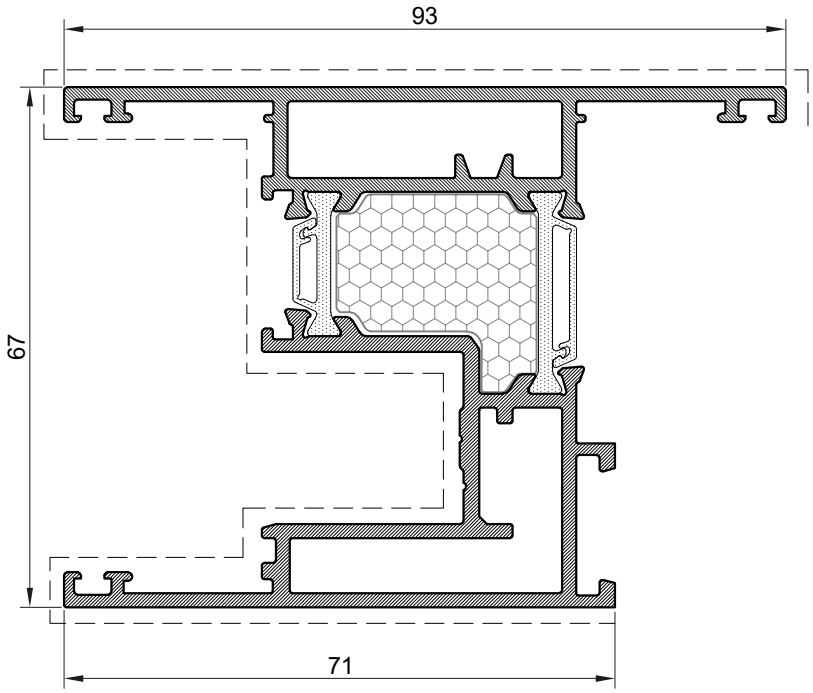




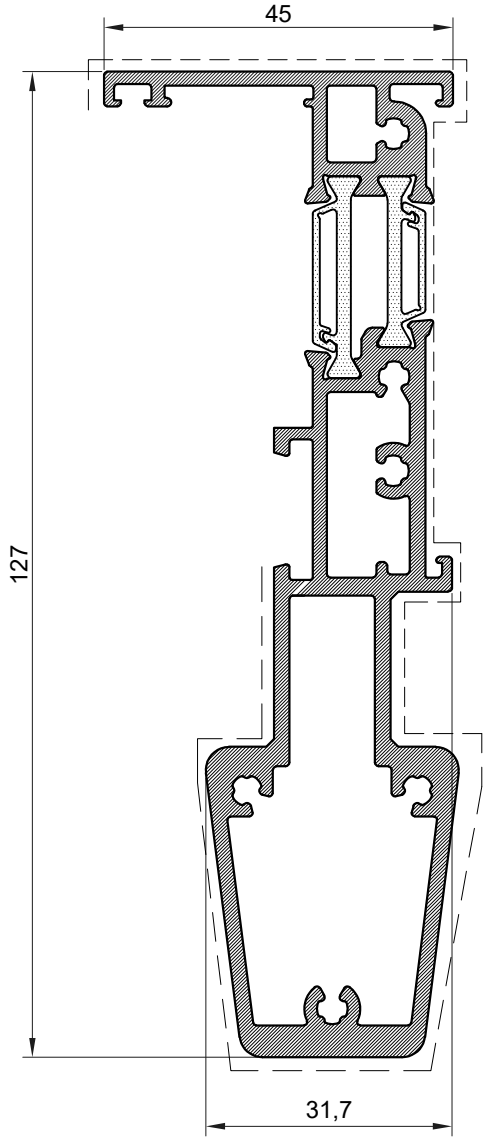
Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1102F	
Težina Weight	kg/m	2.730
Opseg Perimeter	mm	520
Moment inercije Moment of inertia	Ix (cm4)	147.72
	Iy (cm4)	10.38
	Wx (cm4)	19.80
	Wy (cm4)	4.72
L	mm	6500

Profil rama Frame profile		
Art.-Br. Art.-Nr.	FT-1103F	
Težina Weight	kg/m	2.366
Opseg Perimeter	mm	528
Moment inercije Moment of inertia	Ix (cm4)	167.61
	Iy (cm4)	14.16
	Wx (cm4)	25.38
	Wy (cm4)	3.87
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

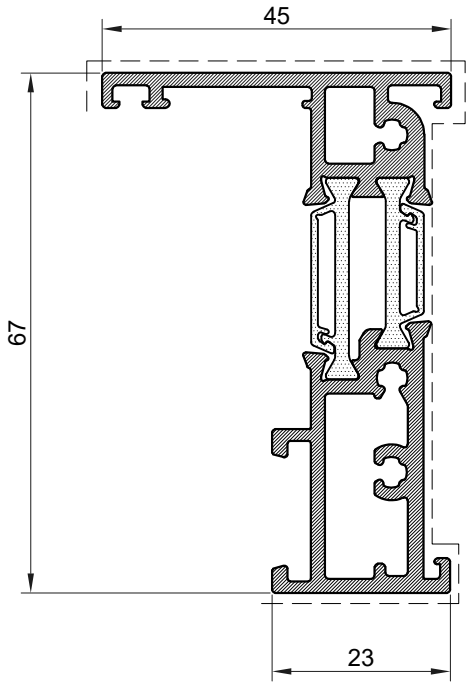


Profil krila Sash profile		
Art.-Br. Art.-Nr.	FT-1120F	
Težina Weight	kg/m	2.224
Opseg Perimeter	mm	524
Moment inercije Moment of inertia	Ix (cm4)	36.59
	Iy (cm4)	32.15
	Wx (cm4)	13.95
	Wy (cm4)	6.73
L	mm	6500

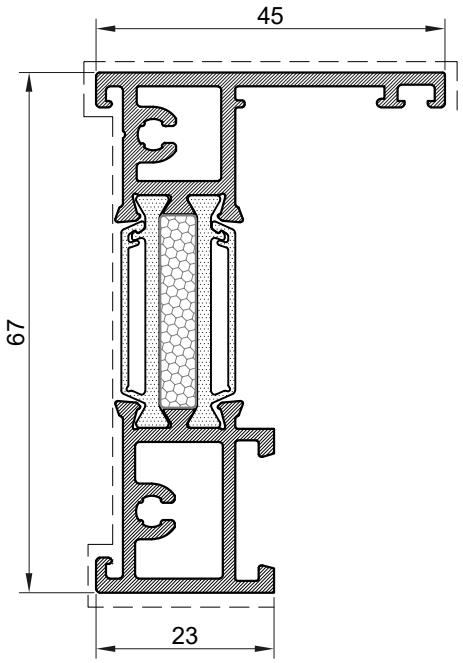


Profil krila Sash profile		
Art.-Br. Art.-Nr.	FT-1121	
Težina Weight	kg/m	2.536
Opseg Perimeter	mm	440
Moment inercije Moment of inertia	Ix (cm4)	121.06
	Iy (cm4)	8.72
	Wx (cm4)	22.58
	Wy (cm4)	2.86
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

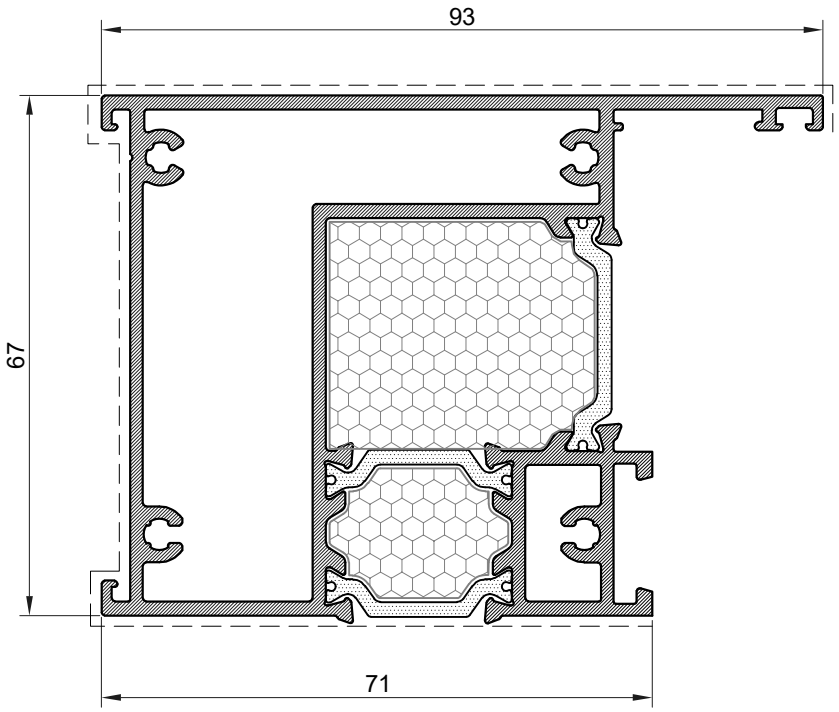


Profil krila Sash profile		
Art.-Br. Art.-Nr.	FT-1122	
Težina Weight	kg/m	1.37
Opseg Perimeter	mm	294
Moment inercije Moment of inertia	Ix (cm4)	18.85
	Iy (cm4)	4.21
	Wx (cm4)	7.01
	Wy (cm4)	1.34
L	mm	6500

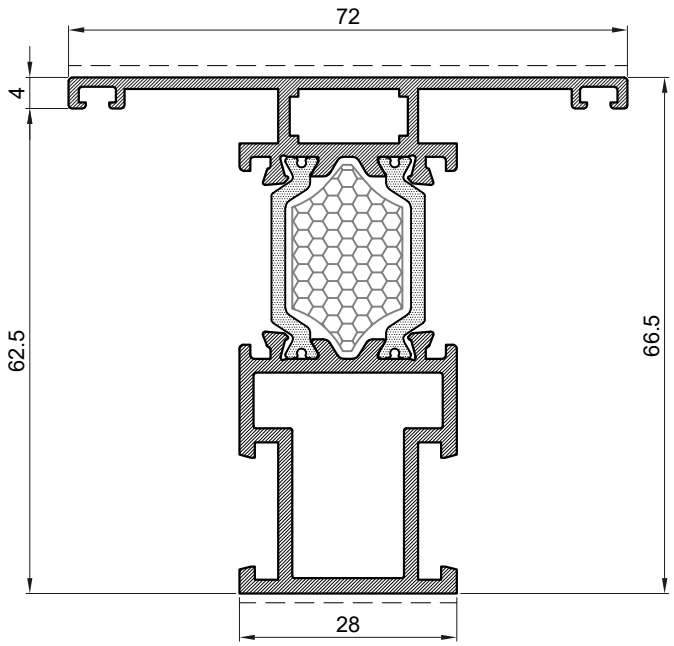


Prečka Mullion		
Art.-Br. Art.-Nr.	FT-1130F	
Težina Weight	kg/m	1.223
Opseg Perimeter	mm	292
Moment inercije Moment of inertia	Ix (cm4)	18.12
	Iy (cm4)	4.06
	Wx (cm4)	6.69
	Wy (cm4)	1.30
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

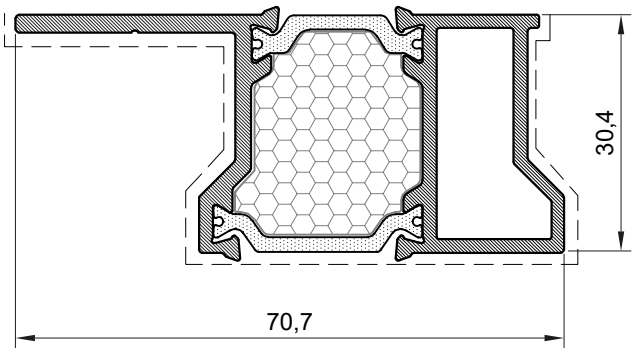


Prečka Mullion		
Art.Br. Art.-Nr.	FT-1131F	
Težina Weight	kg/m	2.424
Opseg Perimeter	mm	388
Moment inercije Moment of inertia	Ix (cm4)	36.68
	Iy (cm4)	50.50
	Wx (cm4)	13.97
	Wy (cm4)	9.24
L	mm	6500

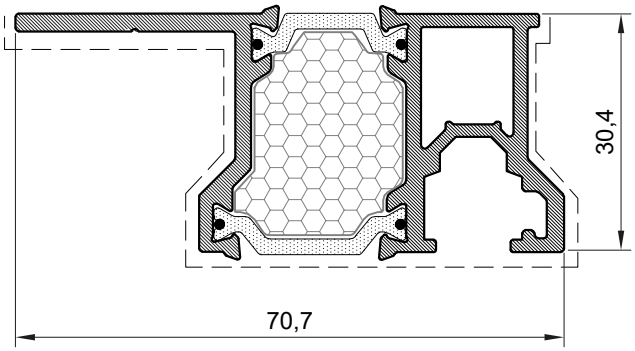


Prečka Mullion		
Art.-Br. Art.-Nr.	FT-1136F	
Težina Weight	kg/m	1.47
Opseg Perimeter	mm	390.18
Moment inercije Moment of inertia	Ix (cm4)	20.88
	Iy (cm4)	8.9
	Wx (cm4)	7.46
	Wy (cm4)	2.47
L	mm	6500

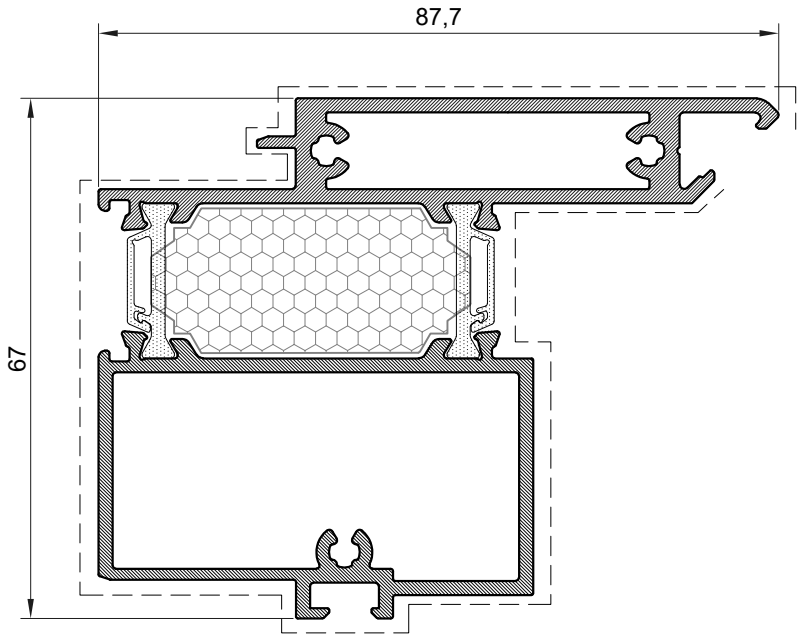
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"



Umetak rama Insert frame profile		
Art.-Br. Art.-Nr.	FT-1132F	
Težina Weight	kg/m	1.048
Opseg Perimeter	mm	214
Moment inercije Moment of inertia	Ix (cm4)	9.85
	Iy (cm4)	4.20
	Wx (cm4)	3.12
	Wy (cm4)	2.24
L	mm	6500

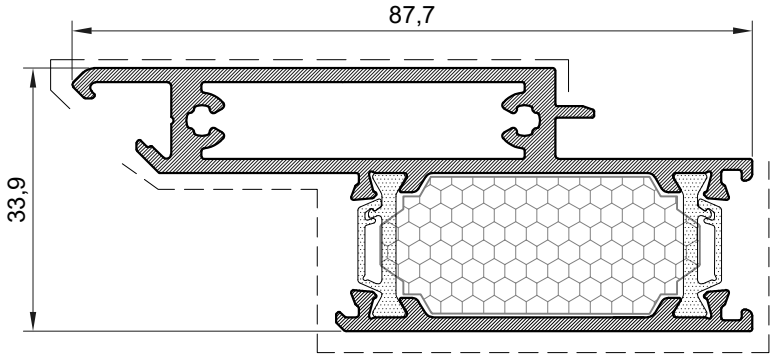


Umetak rama-Sigenia Motor Insert frame profile-Sigenia Motor		
Art.-Br. Art.-Nr.	FT-1137F	
Težina Weight	kg/m	1.16
Opseg Perimeter	mm	214
Moment inercije Moment of inertia	Ix (cm4)	10.44
	Iy (cm4)	4.11
	Wx (cm4)	3.21
	Wy (cm4)	2.19
L	mm	6500

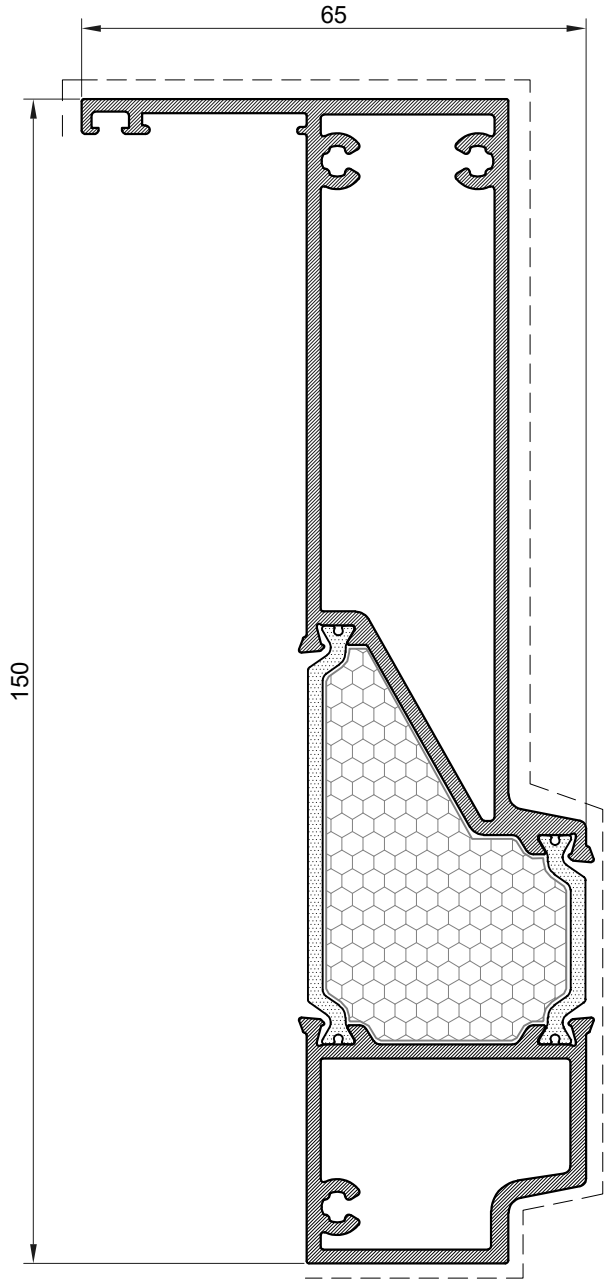


Umetak-90° Insert profile-90°		
Art.-Br. Art.-Nr.	FT-1133F	
Težina Weight	kg/m	2.105
Opseg Perimeter	mm	373
Moment inercije Moment of inertia	Ix (cm4)	27.07
	Iy (cm4)	37.79
	Wx (cm4)	9.07
	Wy (cm4)	7.56
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

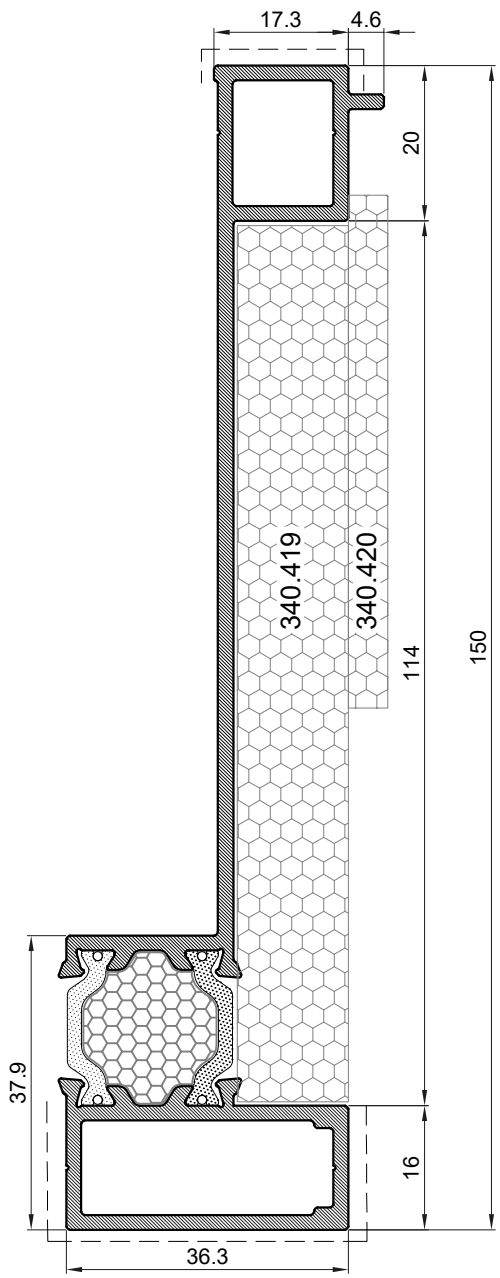


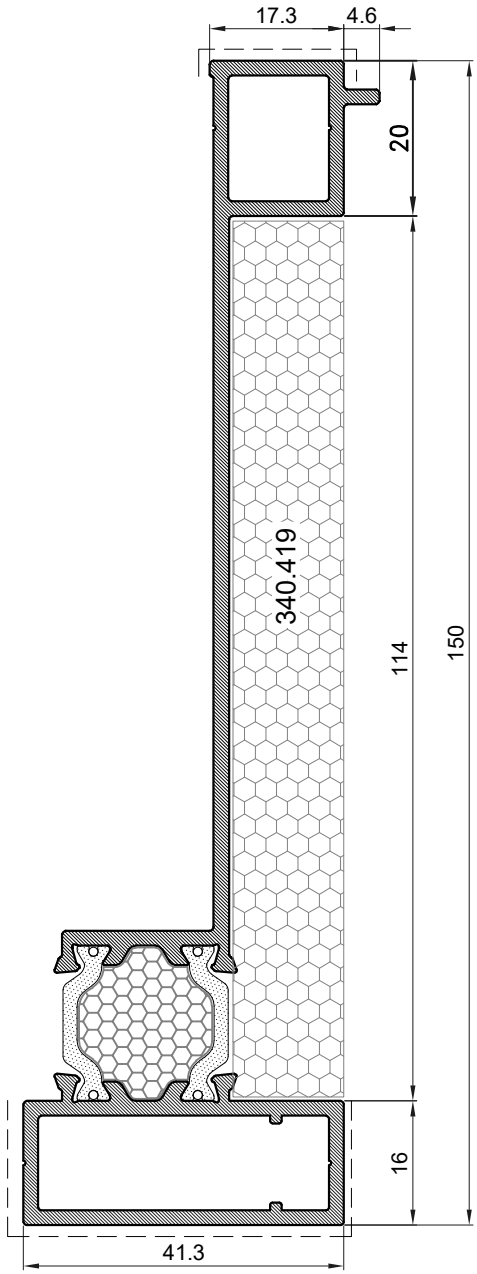
Umetak-90° Insert profile-90°		
Art.-Nr. Art.-Nr.	FT-1134F	
Težina Weight	kg/m	1.451
Opseg Perimeter	mm	290
Moment inercije Moment of inertia	Ix (cm4)	5.00
	Iy (cm4)	26.37
	Wx (cm4)	3.36
	Wy (cm4)	5.68
L	mm	6500



Prečka Mullion		
Art.-Br. Art.-Nr.	FT-1135F	
Težina Weight	kg/m	2.501
Opseg Perimeter	mm	447
Moment inercije Moment of inertia	Ix (cm4)	177.05
	Iy (cm4)	17.05
	Wx (cm4)	28.47
	Wy (cm4)	4.01
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

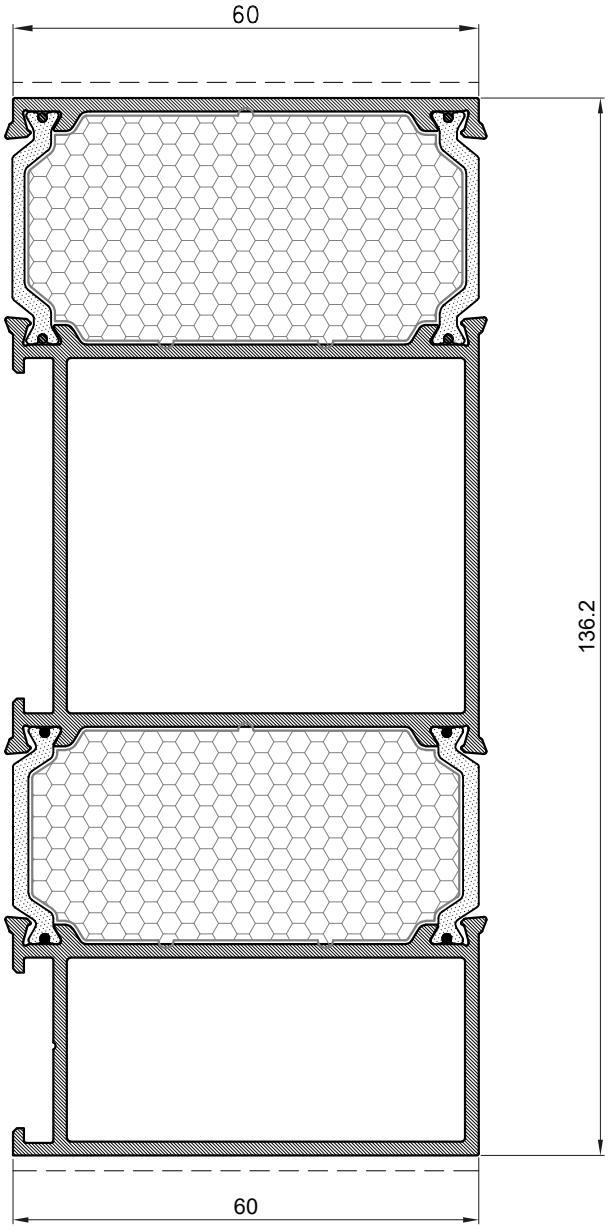




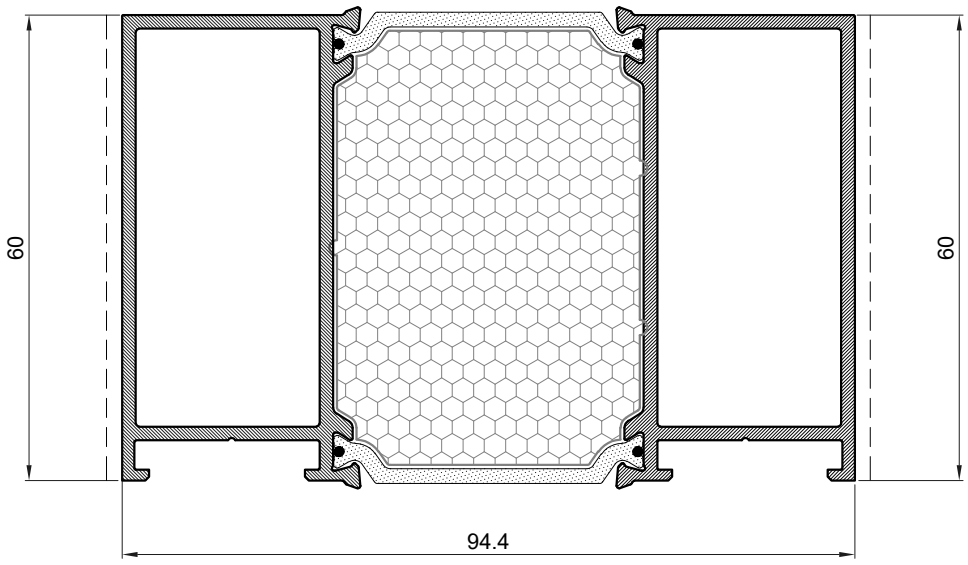
Spojni profil za T150 Connection profile for T150		
Art.Br. Art.Nr.	FT-0194F	
Težina Weight	kg/m'	1.76
Opseg Perimeter	mm	427.85
Moment inercije Moments of inertia	Ix (cm4)	139.93
	Iy (cm4)	5.89
	Wx (cm3)	19.97
	Wy (cm3)	2.78
L	mm	6500

Spojni profil za T150 Connection profile for T150		
Art.Br. Art.Nr.	FT-0195F	
Težina Weight	kg/m'	1.80
Opseg Perimeter	mm	436.48
Moment inercije Moments of inertia	Ix (cm4)	143.7
	Iy (cm4)	7.25
	Wx (cm3)	20.23
	Wy (cm3)	2.99
L	mm	6500

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

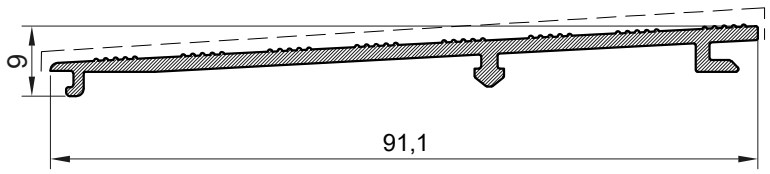


Profil podštoka Connection profile for T150		
Art.Br. Art.Nr.	FT-1104F	
Težina Weight	kg/m'	2.736
Opseg Perimeter	mm	431
Moment inercije Moments of inertia	Ix (cm4)	124.23
	Iy (cm4)	28.89
	Wx (cm3)	21.69
	Wy (cm3)	13.14
L	mm	6500

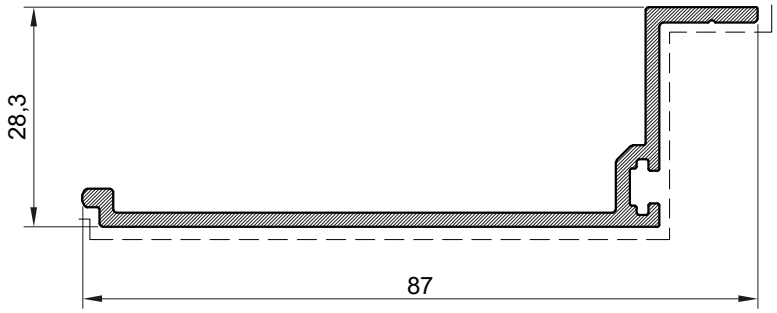


Profil podštoka Connection profile for T150		
Art.Br. Art.Nr.	FT-1105F	
Težina Weight	kg/m'	1.984
Opseg Perimeter	mm	346
Moment inercije Moments of inertia	Ix (cm4)	56.17
	Iy (cm4)	28.86
	Wx (cm3)	16.2
	Wy (cm3)	9.22
L	mm	6500

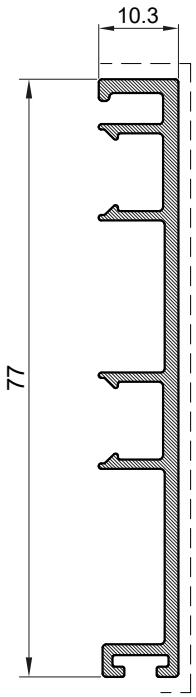
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F''
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"



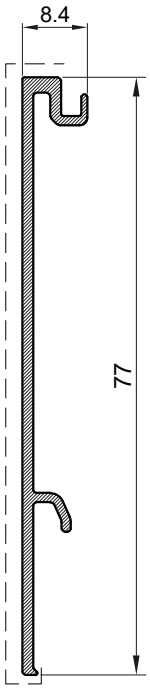
Profil Profile		
Art.-Br. Art.-Nr.	F-1536	
Težina Weight	kg/m	0.519
Opseg Perimeter	mm	229
L	mm	6500



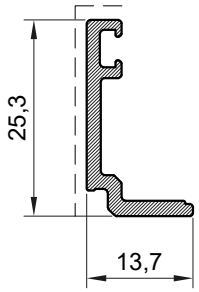
Profil Profile		
Art.-Br. Art.-Nr.	F-1537	
Težina Weight	kg/m	0.603
Opseg Perimeter	mm	246
L	mm	6500



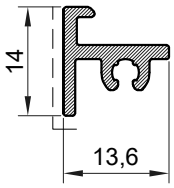
Profil Profile		
Art.-Br. Art.-Nr.	F-1434	
Težina Weight	kg/m	0.591
Opseg Perimeter	mm	269
L	mm	6500



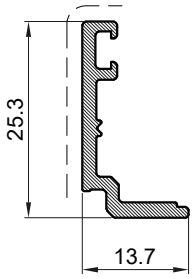
Profil Profile		
Art.-Br. Art.-Nr.	F-1538	
Težina Weight	kg/m	0.366
Opseg Perimeter	mm	198
L	mm	6500



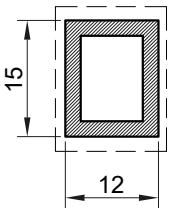
Profil Profile		
Art.-Br. Art.-Nr.	F-1419	
Težina Weight	kg/m	0.205
Opseg Perimeter	mm	89
L	mm	6500



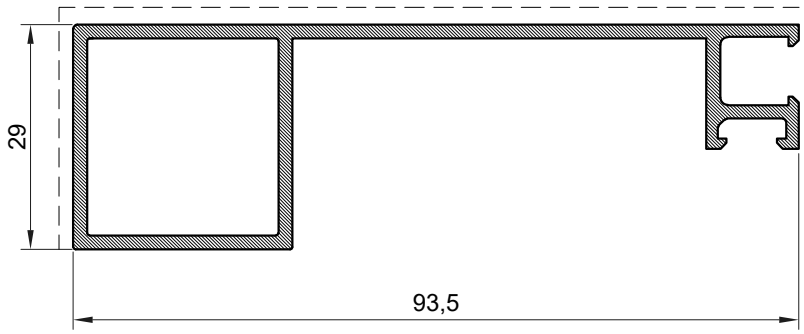
Profil Profile		
Art.-Br. Art.-Nr.	F-1418	
Težina Weight	kg/m	0.161
Opseg Perimeter	mm	74
L	mm	6500



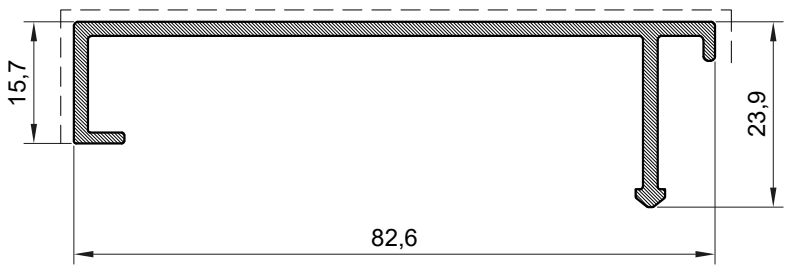
Profil Profile		
Art.-Br. Art.-Nr.	F-1419-P	
Težina Weight	kg/m	0.203
Opseg Perimeter	mm	90
L	mm	6500



Profil Profile		
Art.-Br. Art.-Nr.	F-1531	
Težina Weight	kg/m	0.250
Opseg Perimeter	mm	54
L	mm	6500

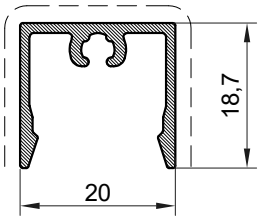


Profil Profile		
Art.-Br. Art.-Nr.	F-1539	
Težina Weight	kg/m	0.977
Opseg Perimeter	mm	406
L	mm	6500

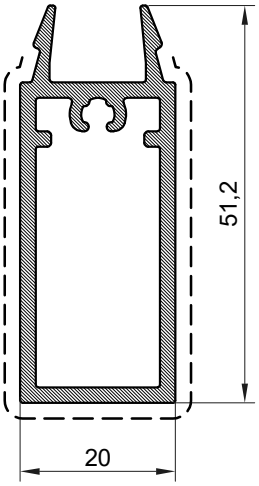


Profil Profile		
Art.-Br. Art.-Nr.	F-1542	
Težina Weight	kg/m	0.619
Opseg Perimeter	mm	256
L	mm	6500

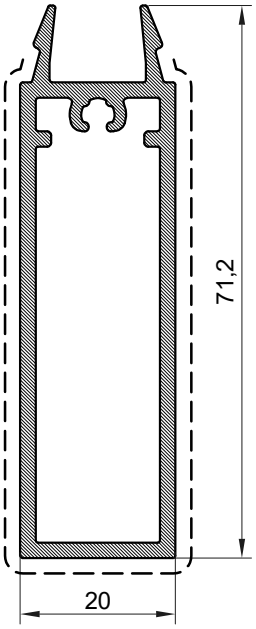
*Profili s oznakom P koriste se za plastifikaciju
*Profiles marked P are used for plasticization



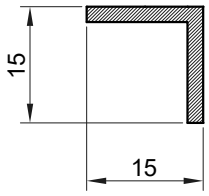
Maska profila ojačanja Reinforcement profile mask		
Art.-Br. Art.-Nr.	NP-4184	
Težina Weight	kg/m	0.243
Opseg Perimeter	mm	129
L	mm	6500



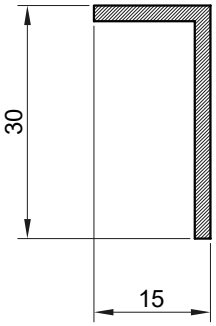
Profil ojačanja prečke Window crossbar reinforcement		
Art.-Br. Art.-Nr.	F-1634	
Težina Weight	kg/m	0.77
Opseg Perimeter	mm	159.87
L	mm	6500



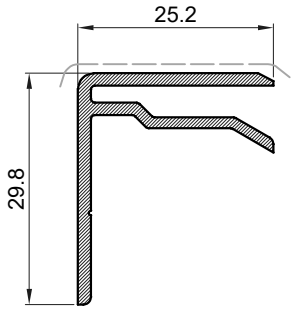
Profil ojačanja prečke Window crossbar reinforcement		
Art.-Br. Art.-Nr.	NP-4183	
Težina Weight	kg/m	0.990
Opseg Perimeter	mm	201
L	mm	6500



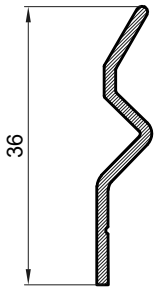
Profil Profile		
Art.-Br. Art.-Nr.	F-0008	
Težina Weight	kg/m	0.15
Opseg Perimeter	mm	60
L	mm	6500



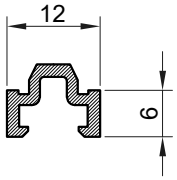
Profil Profile		
Art.-Br. Art.-Nr.	F-0171	
Težina Weight	kg/m	0.23
Opseg Perimeter	mm	90
L	mm	6500



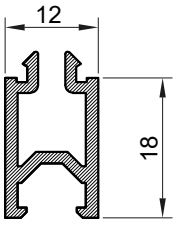
Profil spoja sa zidom Wall connection profile		
Art.Br. Art.Nr.	F-0895	
Težina Weight	kg/m'	0.33
Opseg Perimeter	mm	157.55
L	mm	6500



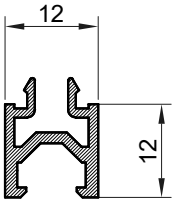
Profil Profile		
Art.Br. Art.Nr.	F-1556	
Težina Weight	kg/m'	0.164
Opseg Perimeter	mm	84.73
L	mm	6500



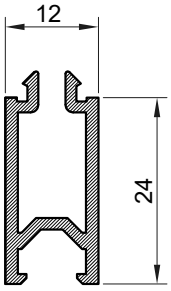
Profil Profile		
Art.-Br. Art.-Nr.	FM 6/12	
Težina Weight	kg/m	0.116
Opseg Perimeter	mm	61
L	mm	6500



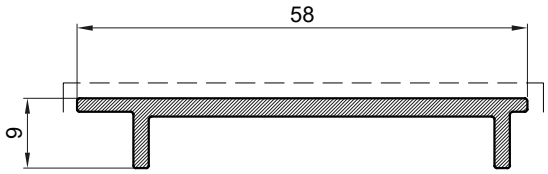
Profil Profile		
Art.-Br. Art.-Nr.	FM 18/12	
Težina Weight	kg/m	0.254
Opseg Perimeter	mm	124
L	mm	6500



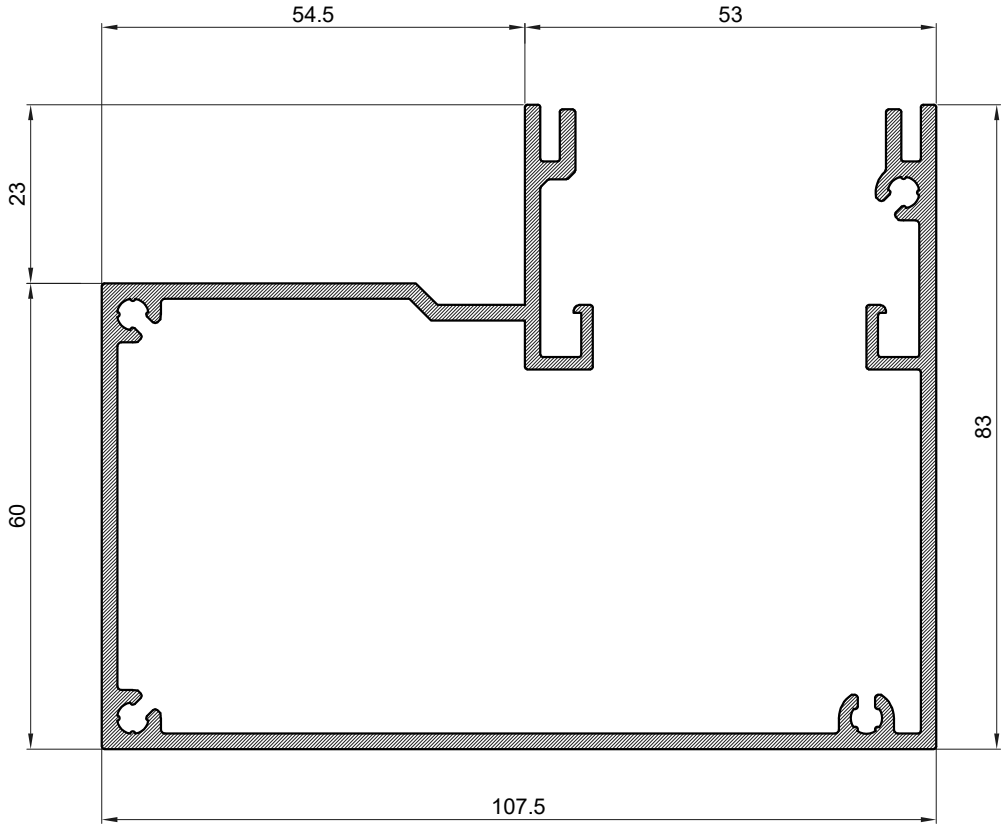
Profil Profile		
Art.-Br. Art.-Nr.	FM 12/12	
Težina Perimeter	kg/m	0.18
Opseg Perimeter	mm	100
L	mm	6500



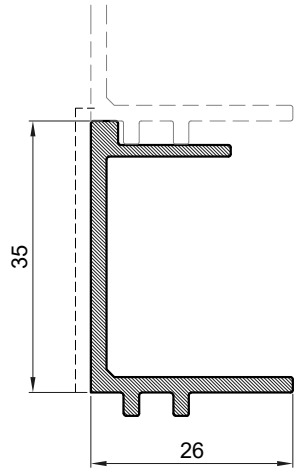
Profil Profile		
Art.-Br. Art.Nr.	FM 24/12	
Težina Weight	kg/m	0.31
Opseg Perimeter	mm	148
L	mm	6500



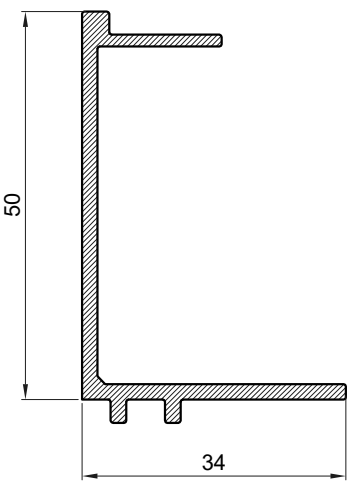
Profil Profile		
Art.-Br. Art.-Nr.	F-1478	
Težina Weight	kg/m	0.424
Opseg Perimeter	mm	146
L	mm	6500



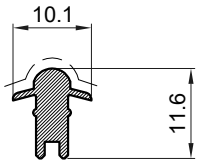
Profil Profile		
Art.-Br. Art.-Nr.	F-1481	
Težina Weight	kg/m	2.206
Opseg Perimeter	mm	819
Moment inercije Moment of inertia	Ix (cm4)	65.78
	Iy (cm4)	130.42
	Wx (cm4)	13.92
	Wy (cm4)	22.86
L	mm	6500



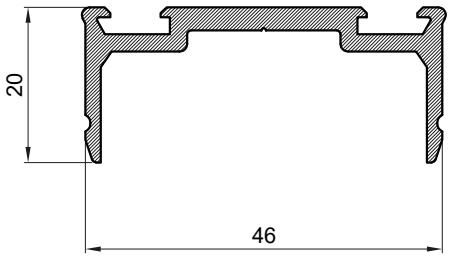
Al profil Al profile		
Art.Br. Art.Nr.	F-1669	
Težina Weight	kg/m'	0.429
Opseg Perimeter	mm	163.34
Moment inercije Moments of inertia	Ix (cm4)	2.7845
	Iy (cm4)	0.8150
	Wx (cm3)	1.2993
	Wy (cm3)	0.4263
L	mm	6500



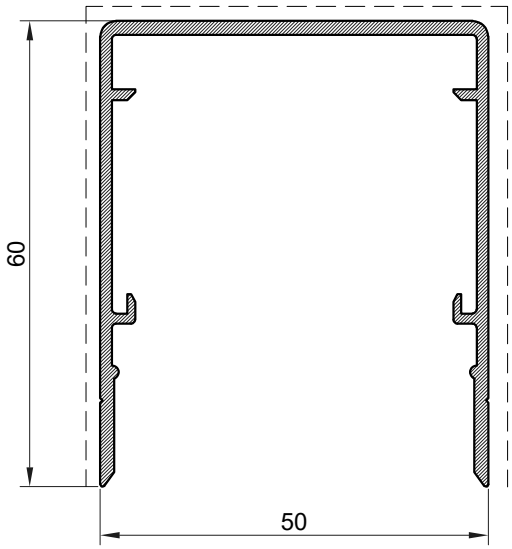
Al profil Al profile		
Art.Br. Art.Nr.	F-1672	
Težina Weight	kg/m'	0.553
Opseg Perimeter	mm	209.34
Moment inercije Moments of inertia	Ix (cm4)	7.2055
	Iy (cm4)	1.7653
	Wx (cm3)	2.3169
	Wy (cm3)	0.6743
L	mm	6500



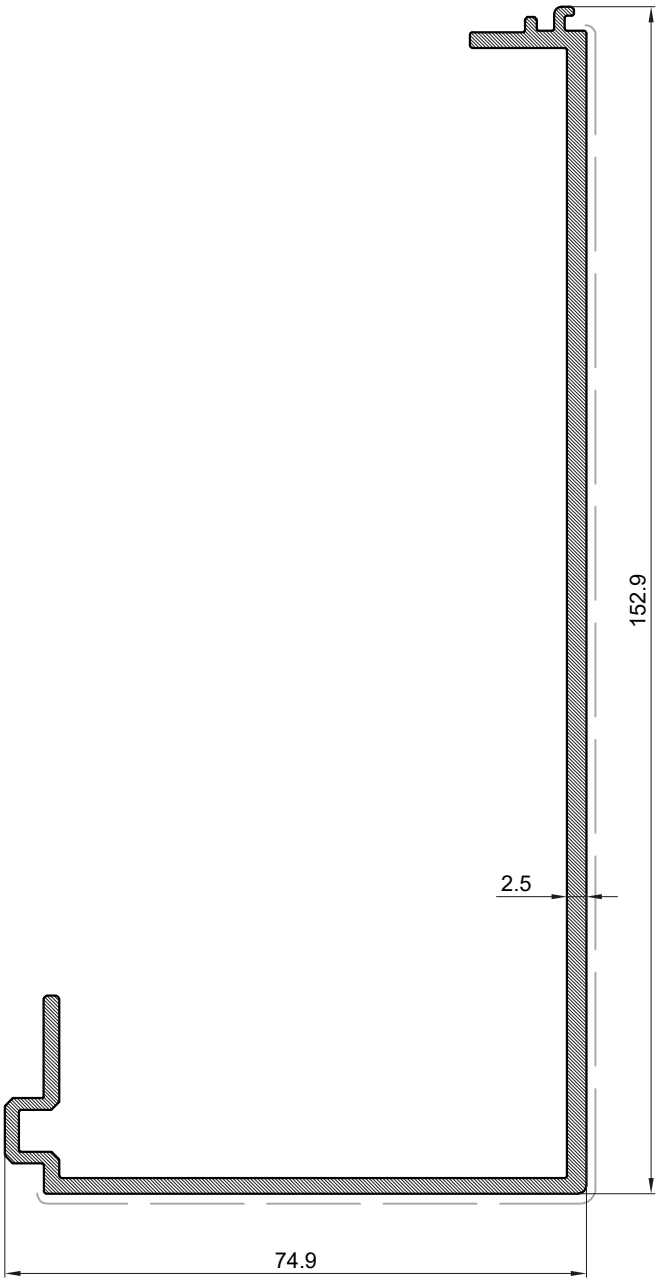
Profil vodilice Guide profile		
Art.-Br. Art.-Nr.	F-1112	
Težina Weight	kg/m	0.129
Opseg Perimeter	mm	46
L	mm	6500



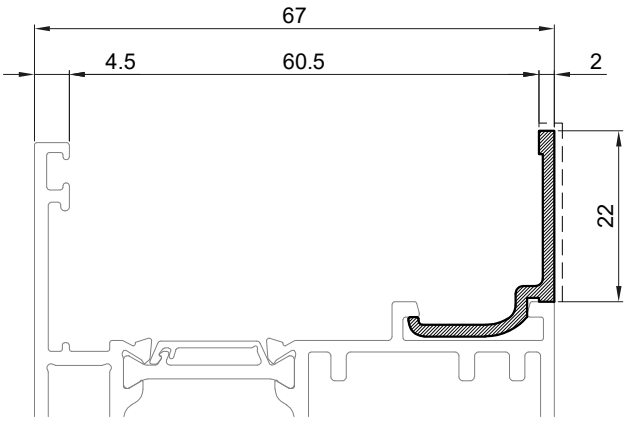
Profil ojačanja Reinforcement profile		
Art.-Br. Art.-Nr.	FMO 50/20D	
Težina Weight	kg/m	0.558
Opseg Perimeter	mm	185
L	mm	6500



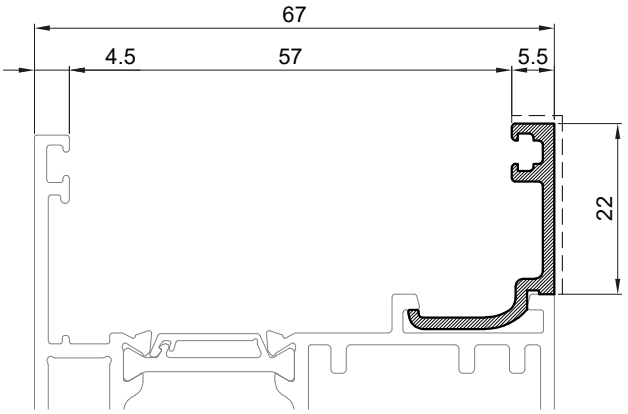
Profil ojačanja Reinforcement profile		
Art.-Br. Art.-Nr.	FMO 50/61	
Težina Weight	kg/m	0.785
Opseg Perimeter	mm	365
L	mm	6500



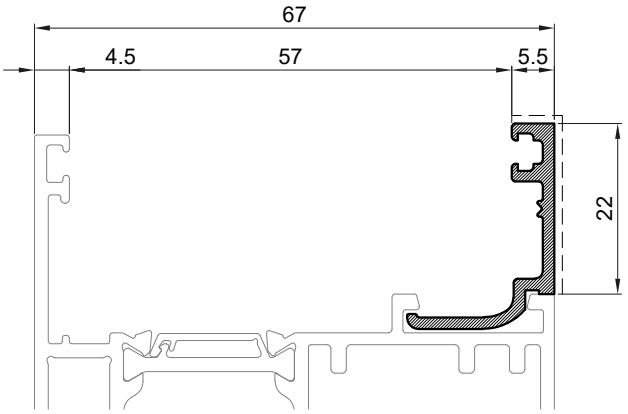
Profil Profile		
Art.-Br. Art.-Nr.	F-1907	
Težina Weight	kg/m	1.63
Opseg Perimeter	mm	541
Moment inercije Moment of inertia	Ix (cm4)	165.04
	Iy (cm4)	36.61
	Wx (cm4)	17.12
	6.24	5.99
L	mm	6500



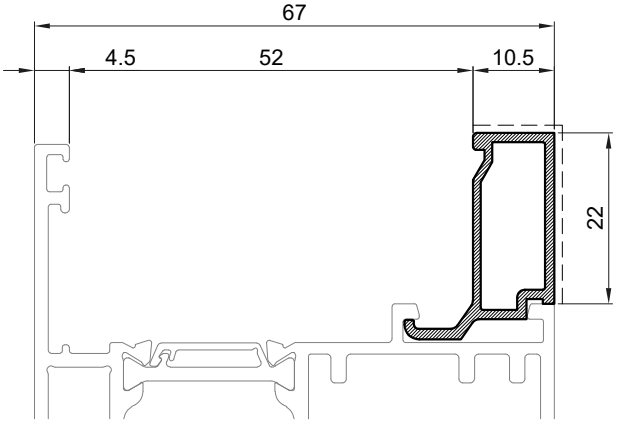
Staklolajsna Glazing bead		
Art.-Br. Art-Nr.	Z40-660	
Težina Weight	kg/m	0.179
Opseg Perimeter	mm	89
L	mm	6500



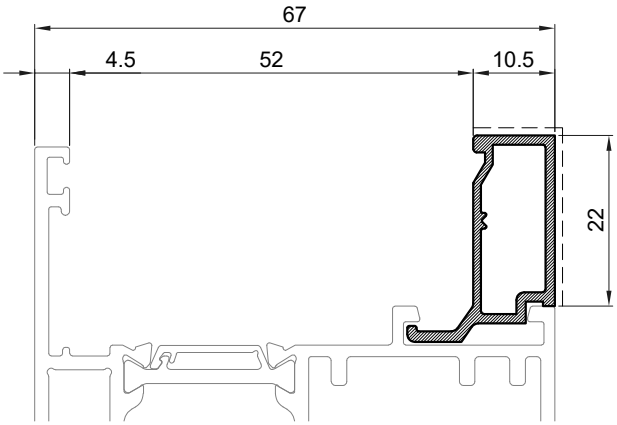
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-656	
Težina Weight	kg/m	0.215
Opseg Perimeter	mm	107
L	mm	6500



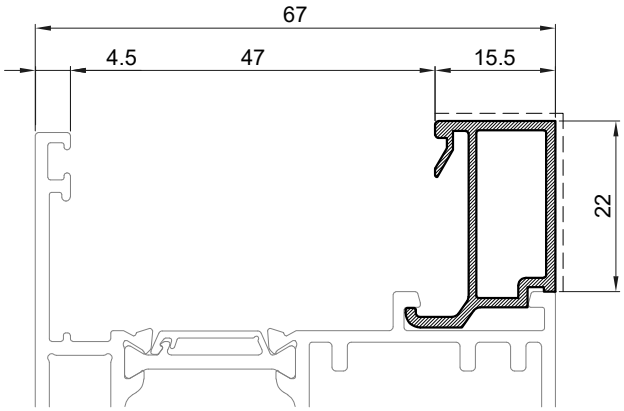
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-656-P	
Težina Weight	kg/m	0.218
Opseg Perimeter	mm	108
L	mm	6500



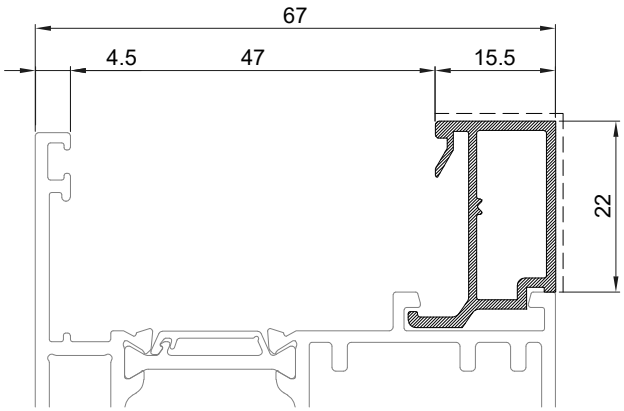
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-664	
Težina Weight	kg/m	0.243
Opseg Perimeter	mm	93
L	mm	6500



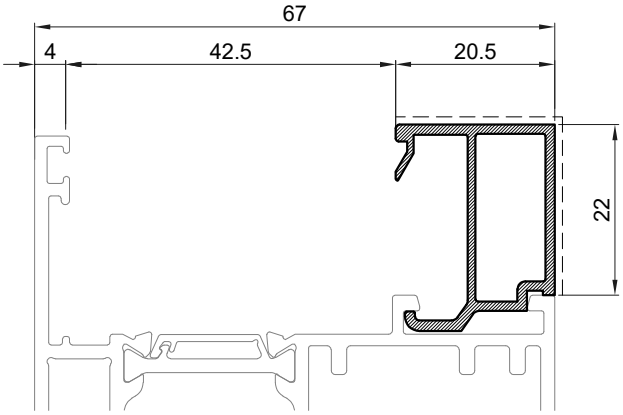
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-664-P	
Težina Weight	kg/m	0.246
Opseg Perimeter	mm	93
L	mm	6500



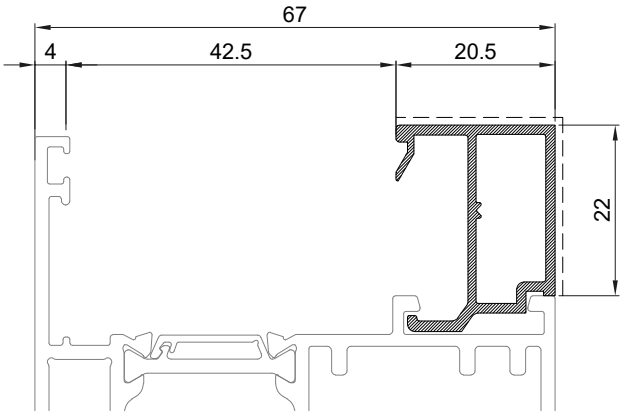
Staklolajsna Glazingbead		
Art.-Br. Art.-Nr.	Z40-665	
Težina Weight	kg/m	0.271
Opseg Perimeter	mm	112
L	mm	6500



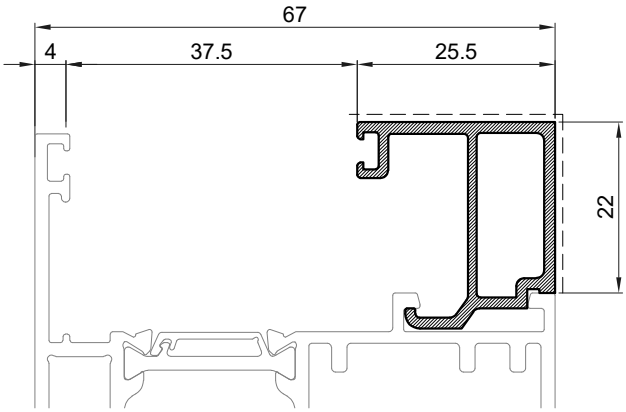
Staklolajsna Glazingbead		
Art.-Br. Art.-Nr.	Z40-665-P	
Težina Weight	kg/m	0.273
Opseg Perimeter	mm	111
L	mm	6500



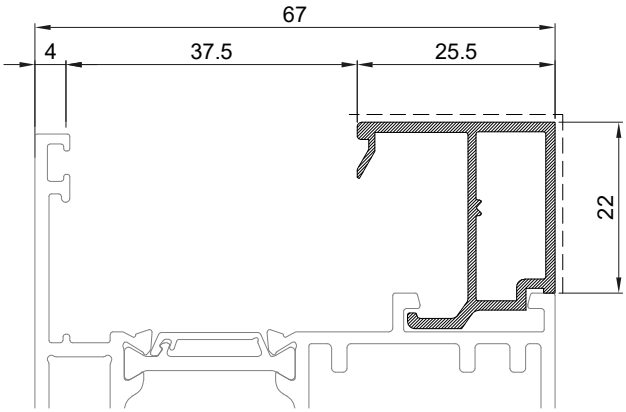
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-666	
Težina Weight	kg/m	0.289
Opseg Perimeter	mm	122
L	mm	6500



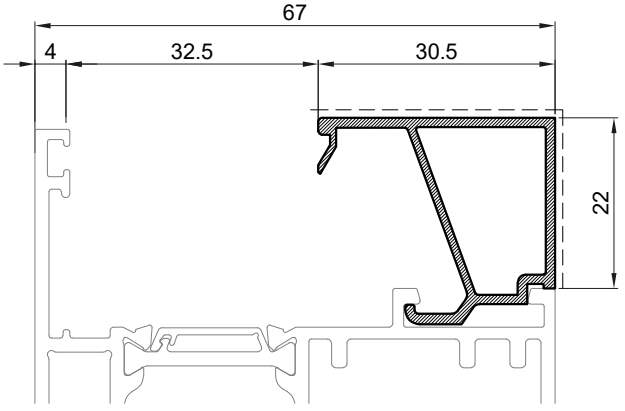
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-666-P	
Težina Weight	kg/m	0.291
Opseg Perimeter	mm	122
L	mm	6500



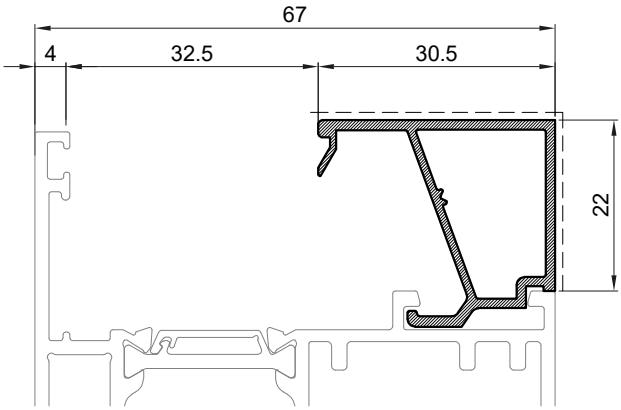
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-667	
Težina Weight	kg/m	0.358
Opseg Perimeter	mm	139
L	mm	6500



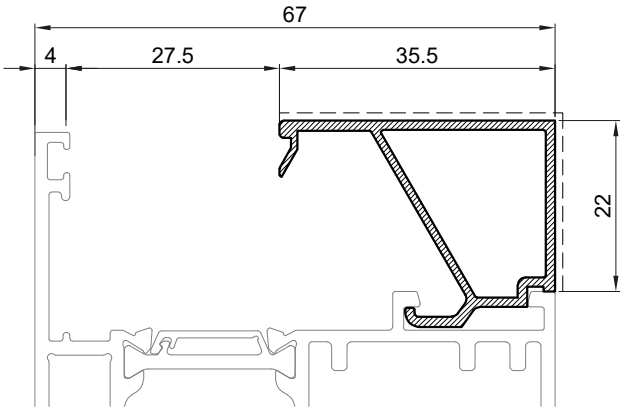
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-667-P	
Težina Weight	kg/m	0.309
Opseg Perimeter	mm	131
L	mm	6500



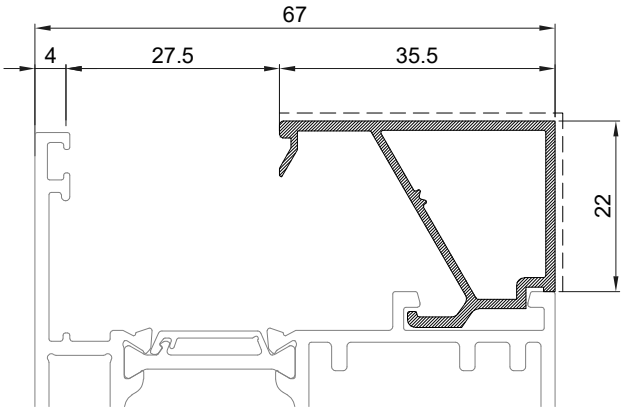
Staklolajsna Glazing bead		
Br. Br.	Z40-668	
Težina Weight	kg/m	0.326
Opseg Perimeter	mm	135
L	mm	6500



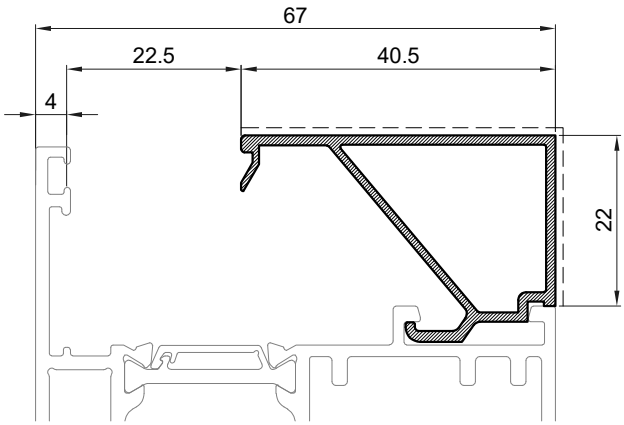
Staklolajsna Glazing bead		
Br. Br.	Z40-668-P	
Težina Weight	kg/m	0.328
Opseg Perimeter	mm	134
L	mm	6500



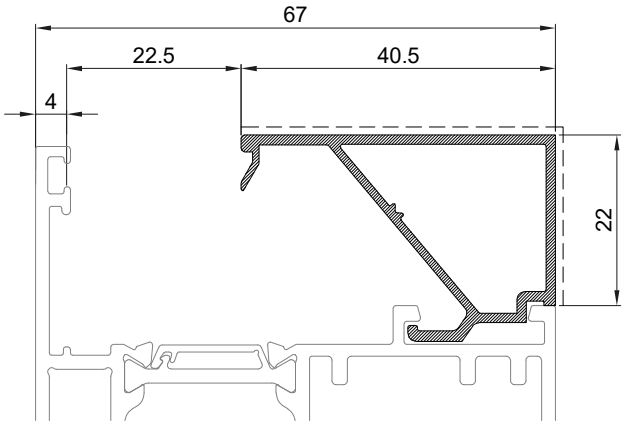
Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-669	
Težina Weight	kg/m	0.347
Opseg Perimeter	mm	143
L	mm	6500



Staklolajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-669-P	
Težina Weight	kg/m	0.350
Opseg Perimeter	mm	142
L	mm	6500



Staklo lajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-670	
Težina Weight	kg/m	0.373
Opseg Perimeter	mm	150
L	mm	6500

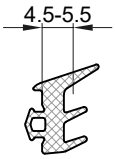
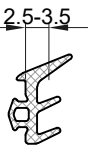
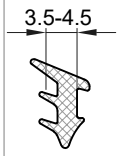
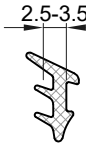
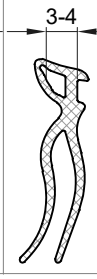
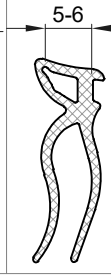


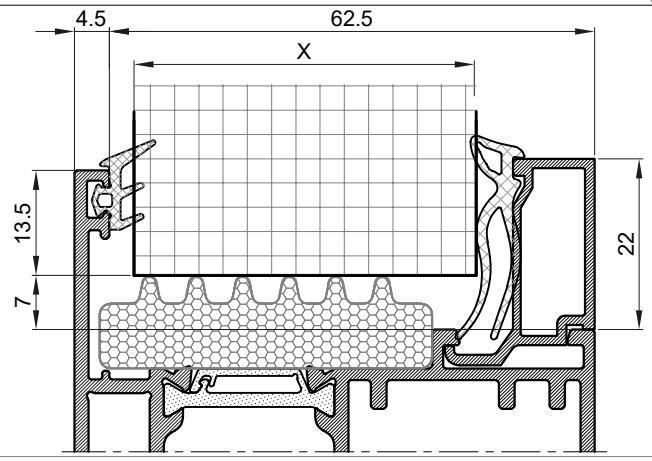
Staklo lajsna Glazing bead		
Art.-Br. Art.-Nr.	Z40-670-P	
Težina Weight	kg/m	0.375
Opseg Perimeter	mm	149
L	mm	6500

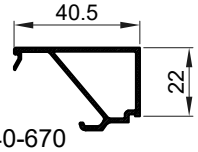
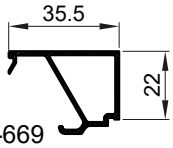
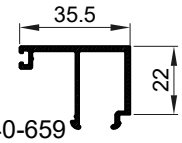
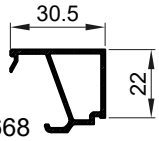
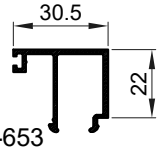
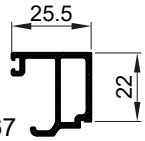
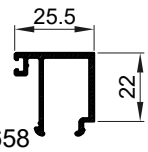
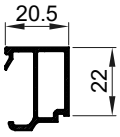
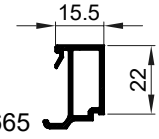
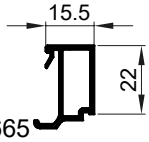
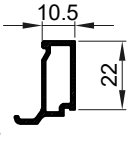
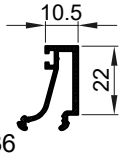
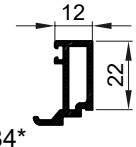
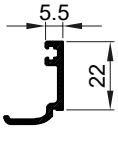
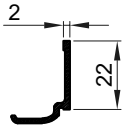
Prikaz stakljenja
Glazing

Vanjske brtve
Outside gasket

Unutarnje brtve
Inside gasket

328.003	328.002	318.002	318.001	311.003	311.004
					
4.5-5.5	2.5-3.5	3.5-4.5	2.5-3.5	3-4	5-6

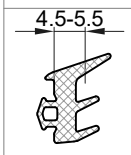
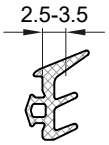
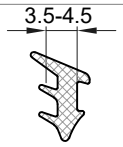
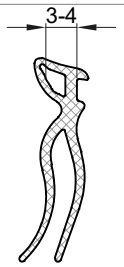
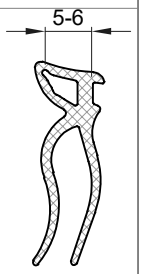


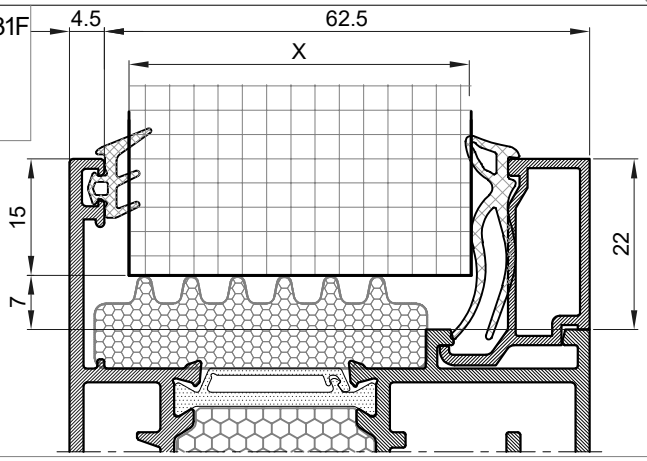
Ispuna X Glazing X	Vanjska brtva Outside gasket	Unutarnja brtva Inside gasket	LAJSNE ZA STAKLO Glazing bead		
10-11	328.003	311.004	 40.5 22 Z40-670		
12-13	328.002	311.004			
14	328.002	311.003 (318.002)			
15-16	328.003	311.004	 35.5 22 Z40-669	 35.5 22 Z40-659	
17-18	328.002	311.004			
19	328.002	311.003 (318.002)			
20-21	328.003	311.004	 30.5 22 Z40-668	 30.5 22 Z40-653	
22-23	328.002	311.004			
24	328.002	311.003 (318.002)			
25-26	328.003	311.004	 25.5 22 Z40-667	 25.5 22 Z40-658	
27-28	328.002	311.004			
29	328.002	311.003 (318.002)			
30-31	328.003	311.004	 20.5 22 Z40-666	 20.5 Z40-644	
32-33	328.002	311.004			
34	328.002	311.003 (318.002)			
35-36	328.003	311.004	 15.5 22 Z40-665	 15.5 22 Z40-665	
37-38	328.002	311.004			
39	328.002	311.003 (318.002)			
40-41*	328.003	311.004 318.002*	 10.5 22 Z40-664	 10.5 22 Z40-636	 12 22 F-0784*
42-43*	328.002	311.004 318.001*			
44	328.002	311.003 (318.002)			
45-46	328.003	311.004	 5.5 22 Z40-656		
47-48	328.002	311.004			
49	328.002	311.003 (318.002)			
50	328.003	311.004	 2 22 Z40-660		
51-52	328.002	311.004			
53	328.002	311.003 (318.002)			

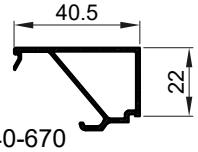
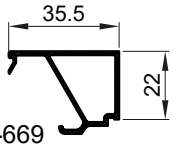
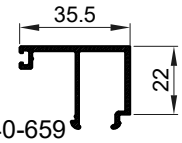
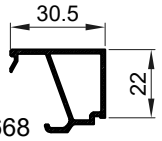
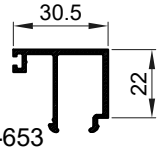
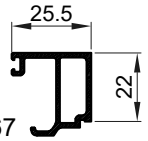
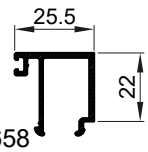
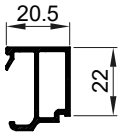
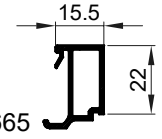
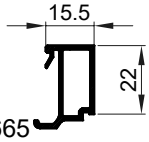
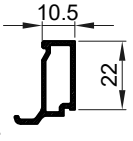
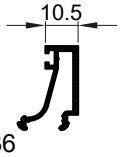
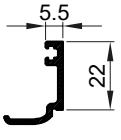
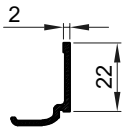
Za profile:FT-1120F, FT-1121F,FT-1101F, FT-1102F, FT-1103F, FT-1130F i FT-1131F
For profiles:FT-1120F, FT-1121F,FT-1101F, FT-1102F, FT-1103F, FT-1130F and FT-1131F

Vanjske brtve
Outside gasket

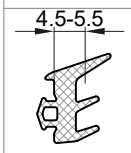
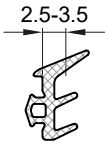
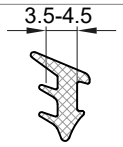
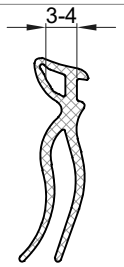
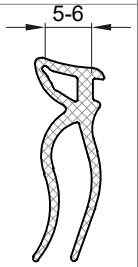
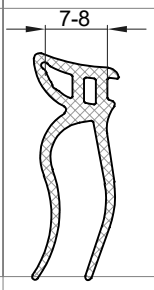
Unutarnje brtve
Inside gasket

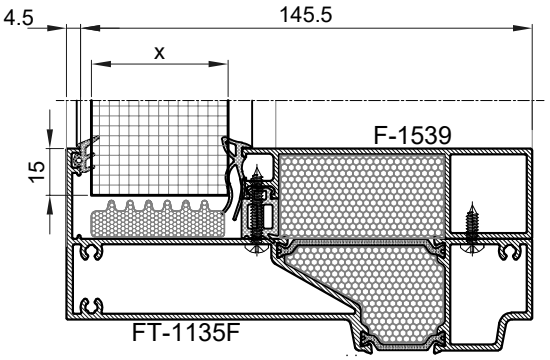
328.003	328.002	318.002	311.003	311.004
				

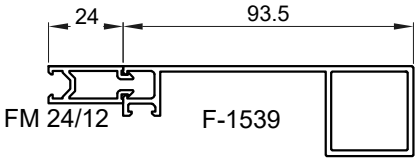
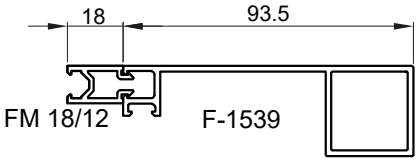
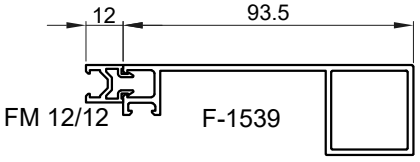
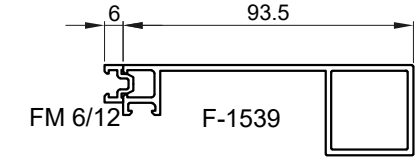
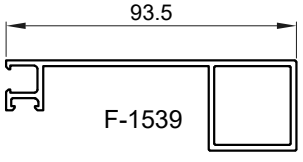


Ispuna X Glazing X	Vanjska brtva Outside gasket	Unutarnja brtva Inside gasket	LAJSNE ZA STAKLO Glazing bead		
10-11	328.003	311.004	 Z40-670		
12-13	328.002	311.004			
14	328.002	311.003 (318.002)			
15-16	328.003	311.004	 Z40-669	 Z40-659	
17-18	328.002	311.004			
19	328.002	311.003 (318.002)			
20-21	328.003	311.004	 Z40-668	 Z40-653	
22-23	328.002	311.004			
24	328.002	311.003 (318.002)			
25-26	328.003	311.004	 Z40-667	 Z40-658	
27-28	328.002	311.004			
29	328.002	311.003 (318.002)			
30-31	328.003	311.004	 Z40-666	 Z40-644	
32-33	328.002	311.004			
34	328.002	311.003 (318.002)			
35-36	328.003	311.004	 Z40-665	 Z40-665	
37-38	328.002	311.004			
39	328.002	311.003 (318.002)			
40-41	328.003	311.004	 Z40-664	 Z40-636	
42-43	328.002	311.004			
44	328.002	311.003 (318.002)			
45-46	328.003	311.004	 Z40-656		
47-48	328.002	311.004			
49	328.002	311.003 (318.002)			
50	328.003	311.004	 Z40-660		
51-52	328.002	311.004			
53	328.002	311.003 (318.002)			

Za profile: FT-1135F
For profiles: FT-1135F

Vanjske brtve Outside gasket		Unutarnje brtve Inside gasket			
328.003	328.002	318.002	311.003	311.004	311.005
					

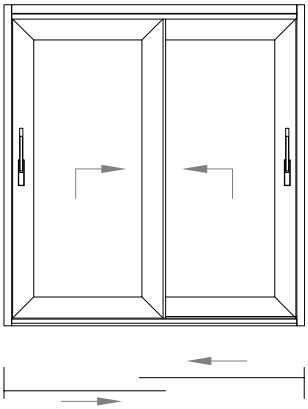


Ispuna X Glazing X	Vanjska brtva Outside gasket	Unutarnja brtva Inside gasket	LAJSNE ZA STAKLO Glazing bead
15	328.003	311.005	
16	328.003	311.005	
17	328.002	311.005	
18	328.002	311.005	
19	328.002	311.004	
20	328.003	318.002	
21	328.003	311.005	
23	328.002	311.005	
24	328.002	311.005	
25	328.003	318.002 (311.003)	
26	328.003	318.002	
27	328.002	318.002 (311.003)	
29	328.002	318.005	
30	328.003	318.002	
31	328.003	318.002	
32	328.002	318.002	
33	328.002	318.002 (311.003)	
35	328.003	311.004	
36	328.003	318.002	
37	328.002	311.004	
38	328.002	311.002	
39	328.002	318.002 (311.003)	
40	328.003	311.005	
41	328.003	311.004	
42	328.002	311.005	
43	328.002	311.004	
44	328.002	318.002	

Presjeci (Termo 150)
Cross sections (Termo 150)

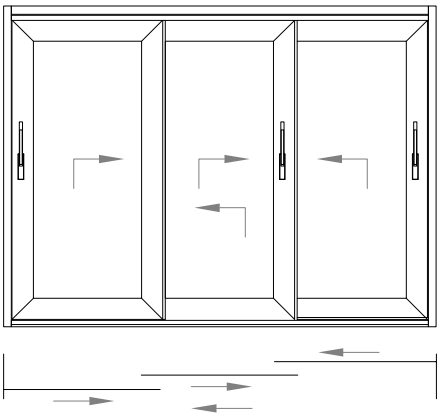
Tipologija
Typology

Shema D
Scheme D



Dvokrilna podizno-klizna vrata
Double sash Lift & Slide door

Shema H
Scheme H

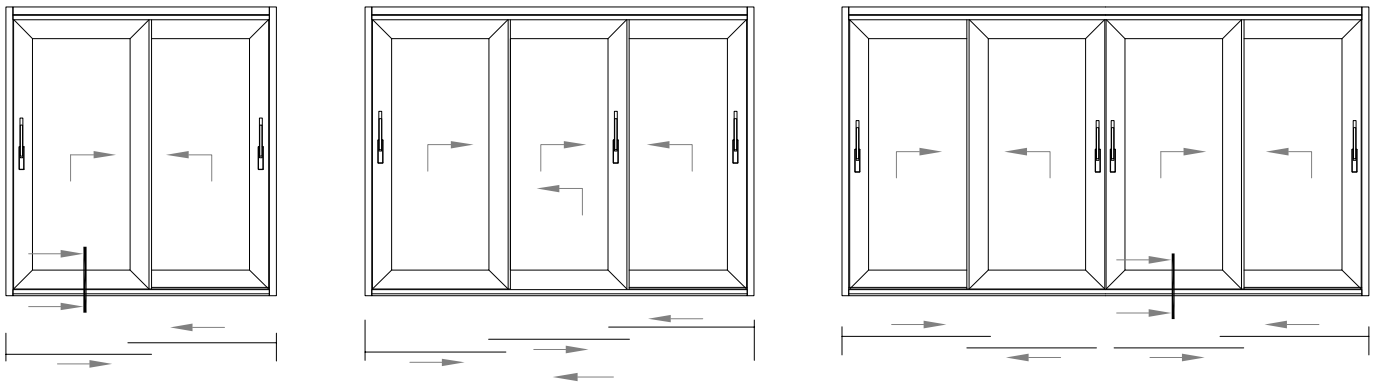


Trokrilna podizno-klizna vrata
Triple sash Lift & Slide door

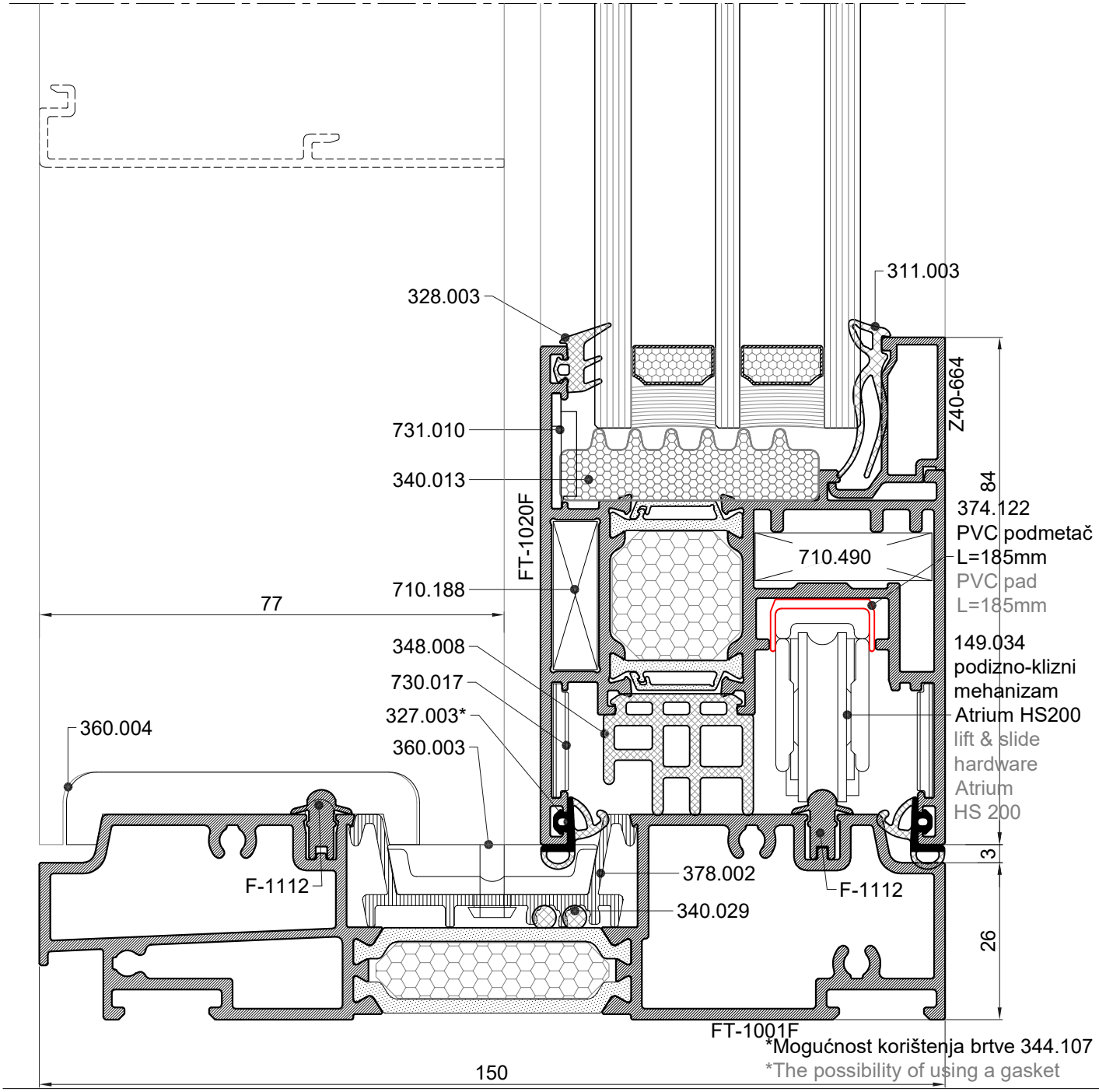
Shema F
Scheme F

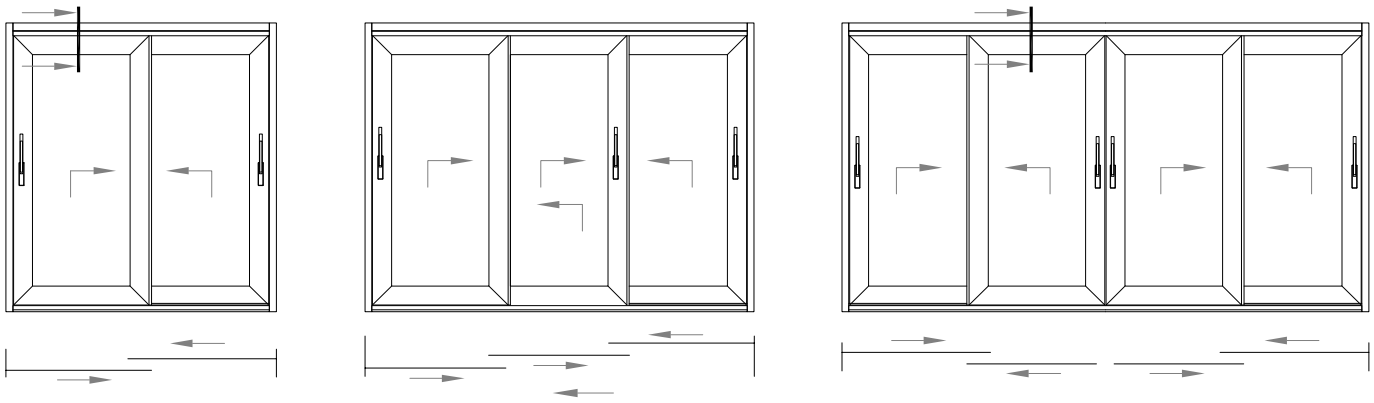


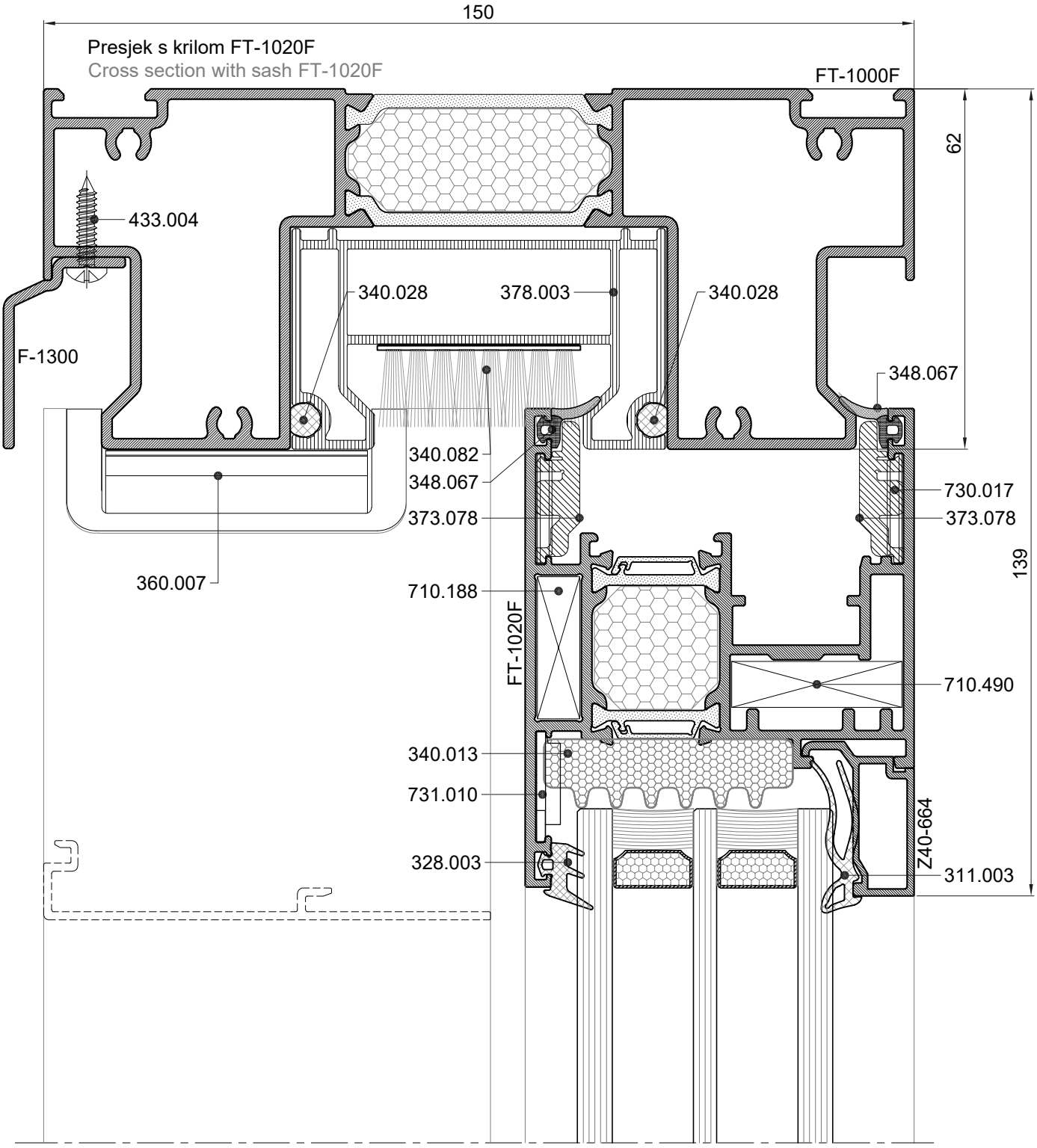
Četverokrilna podizno-klizna vrata
Four sash Lift & Slide door



Presjek s krilom FT-1020F
Cross section with sash FT-1020F

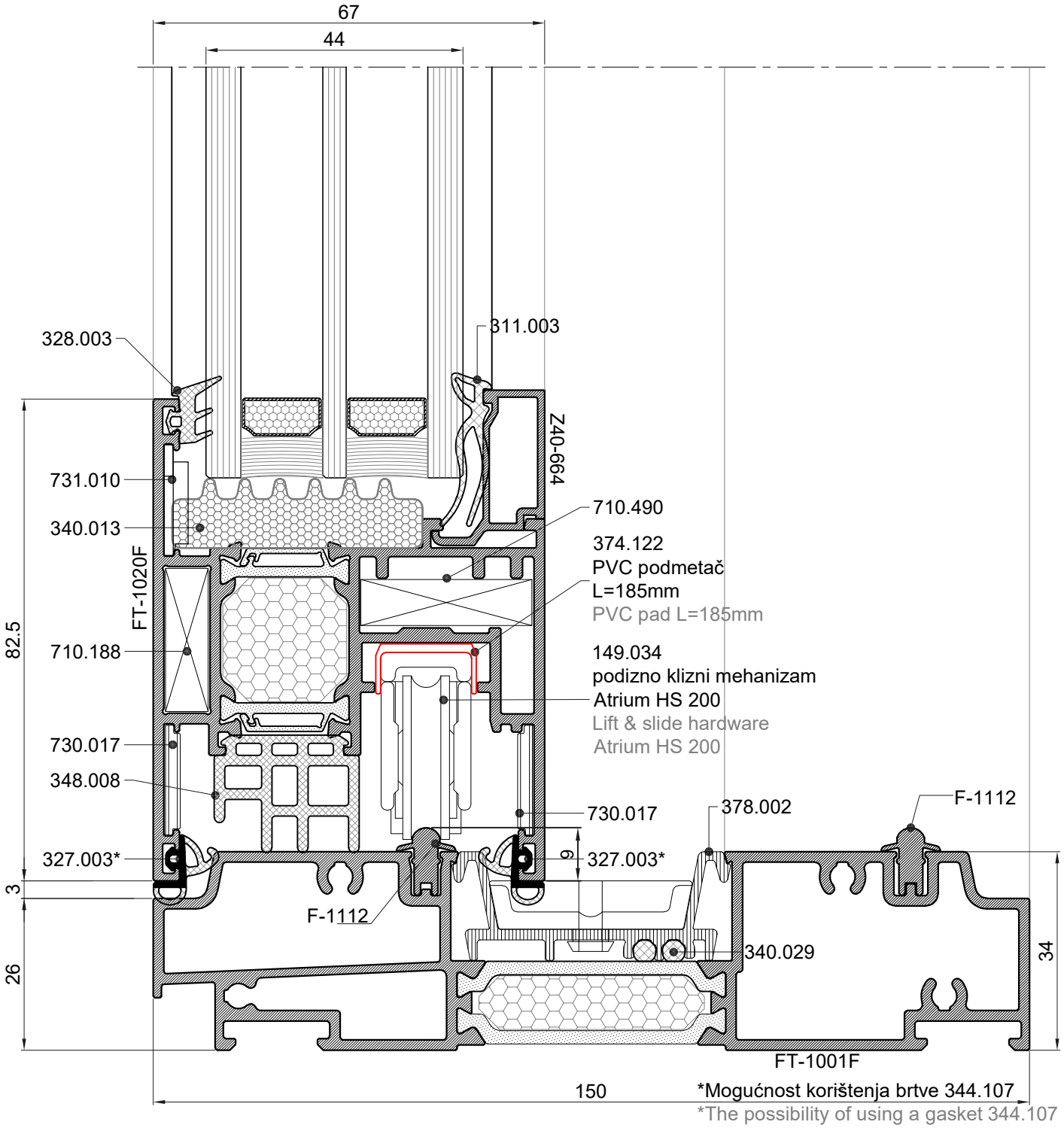


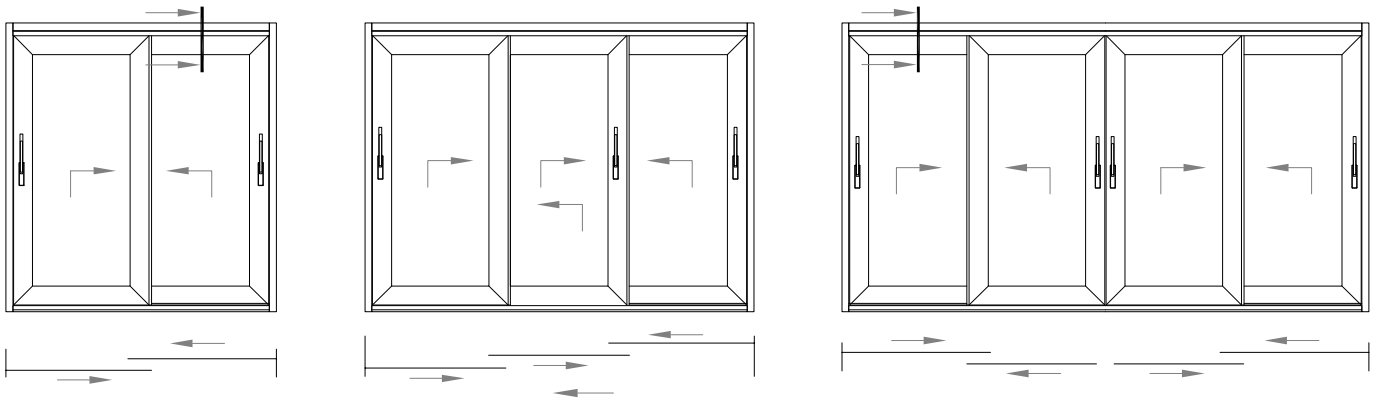



150
Presjek s krilom FT-1020F
Cross section with sash FT-1020F
FT-1000F
62
433.004
340.028
378.003
340.028
F-1300
348.067
340.082
348.067
373.078
730.017
373.078
360.007
710.188
FT-1020F
139
710.490
340.013
731.010
328.003
Z40-664
311.003

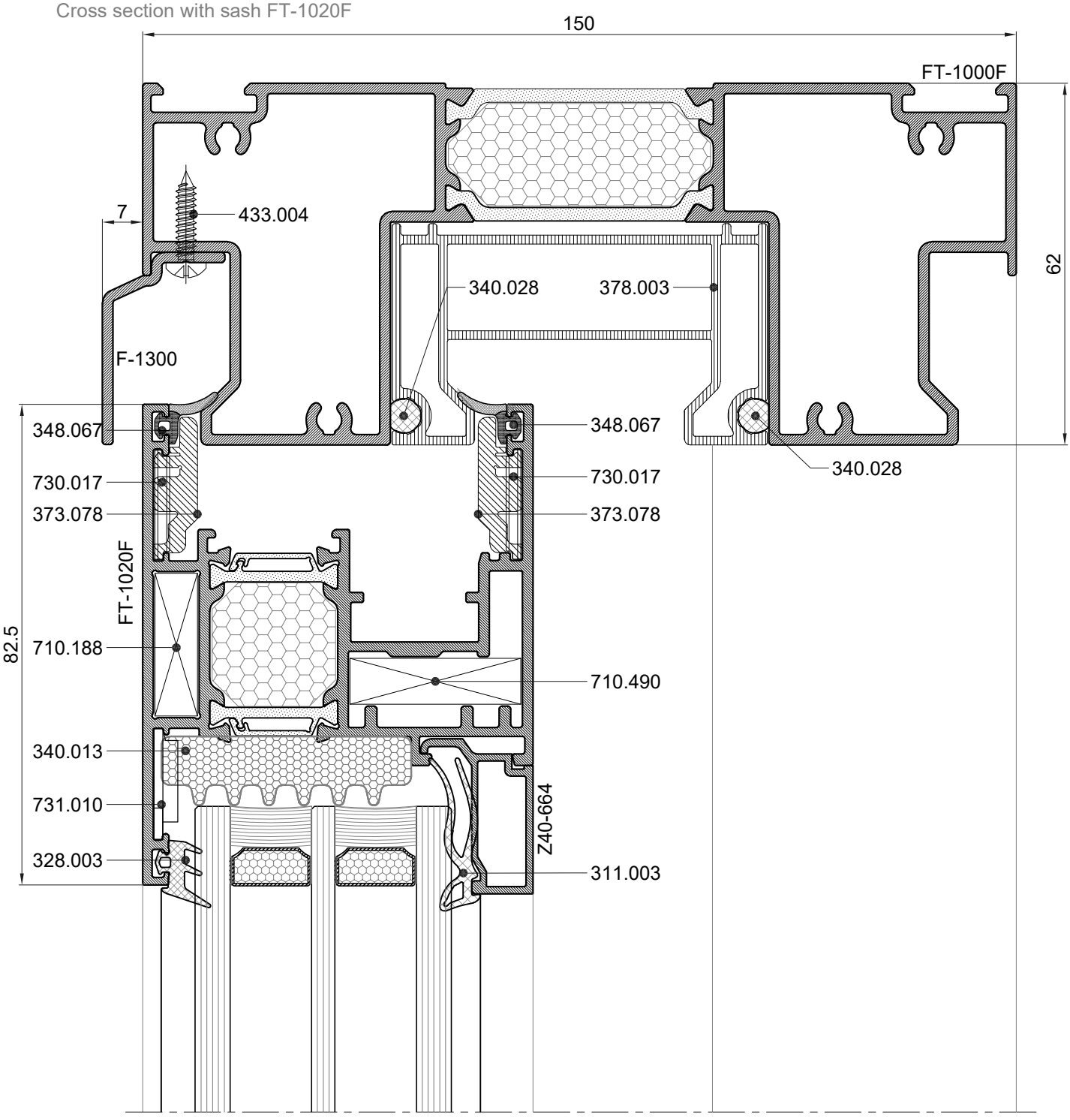


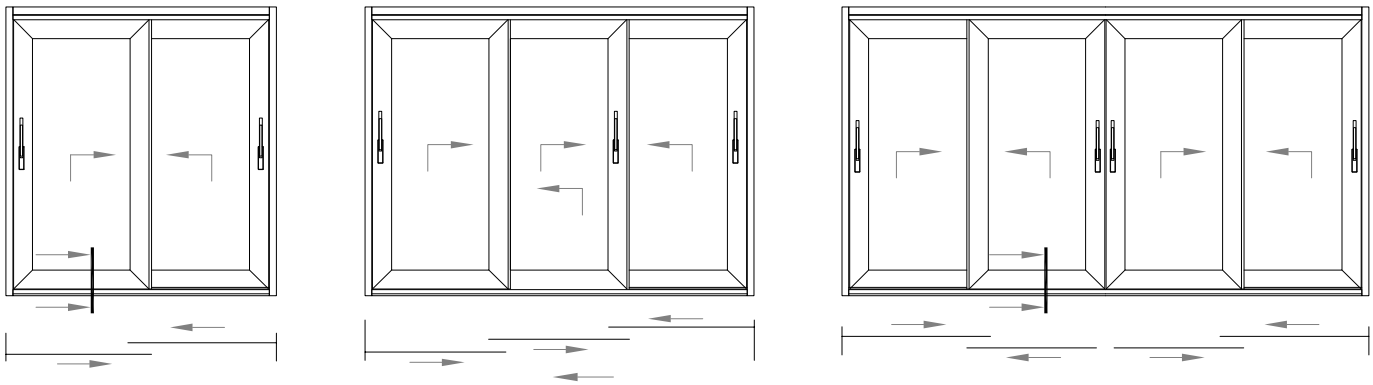
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



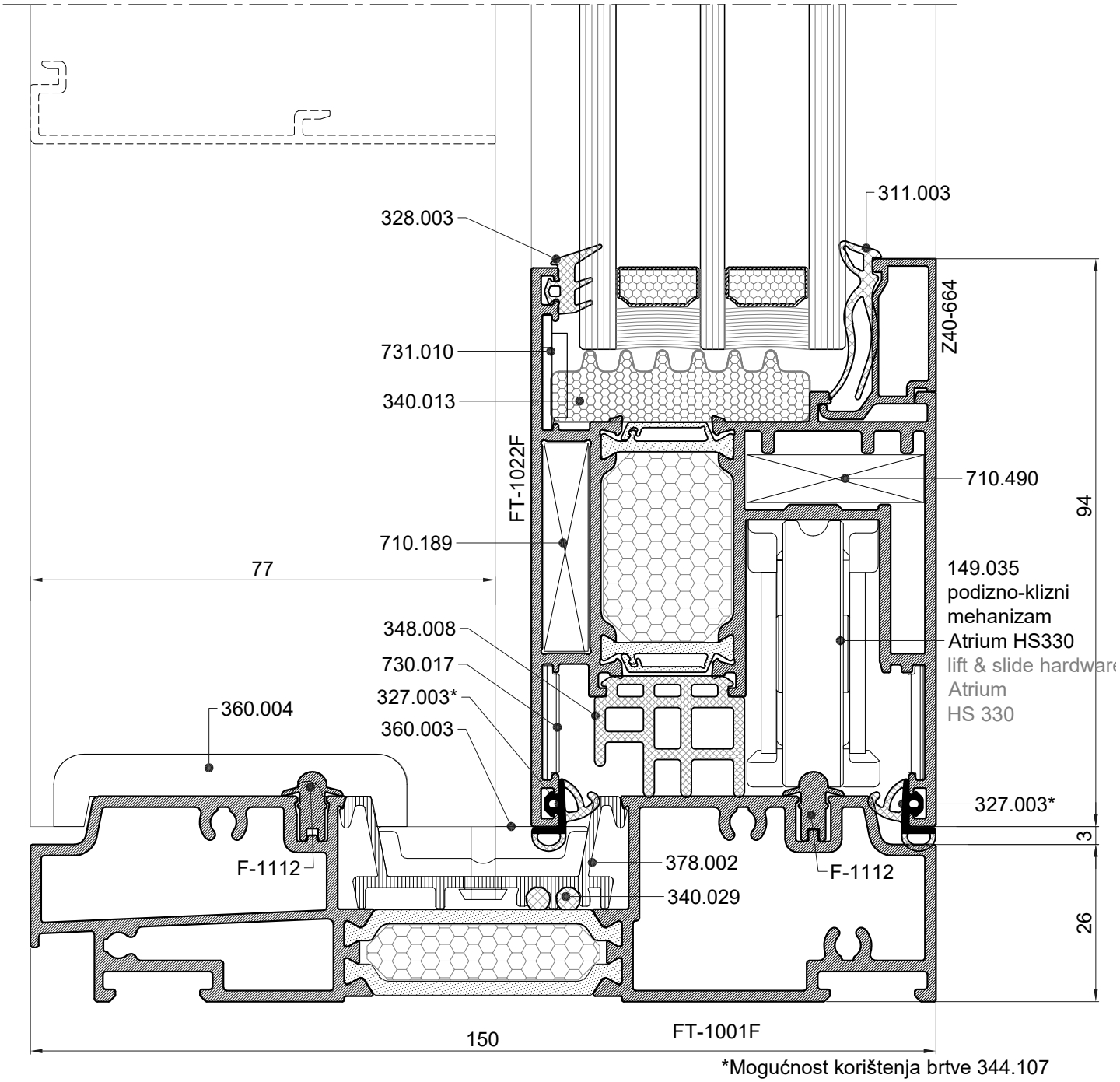


Presjek s krilom FT-1020F
Cross section with sash FT-1020F

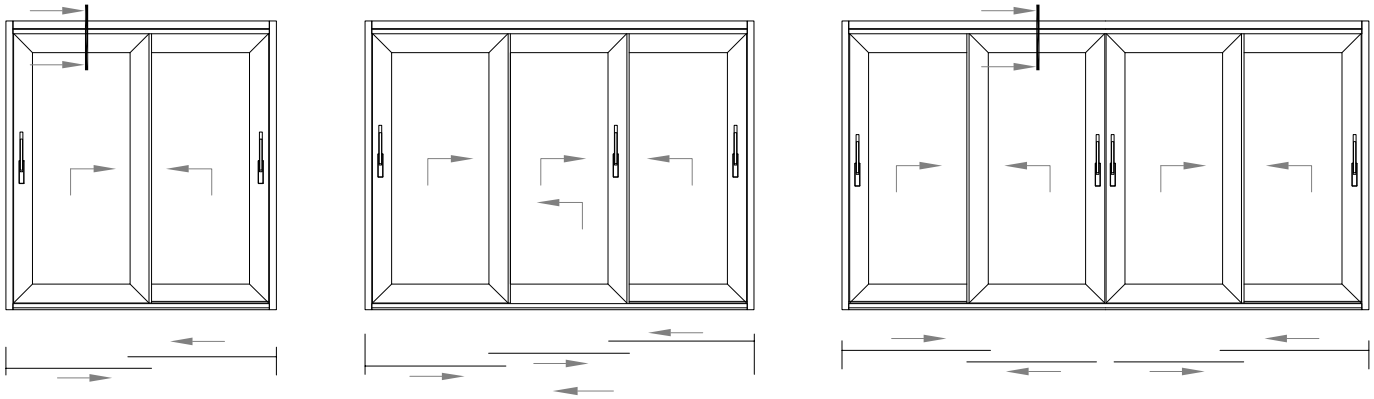


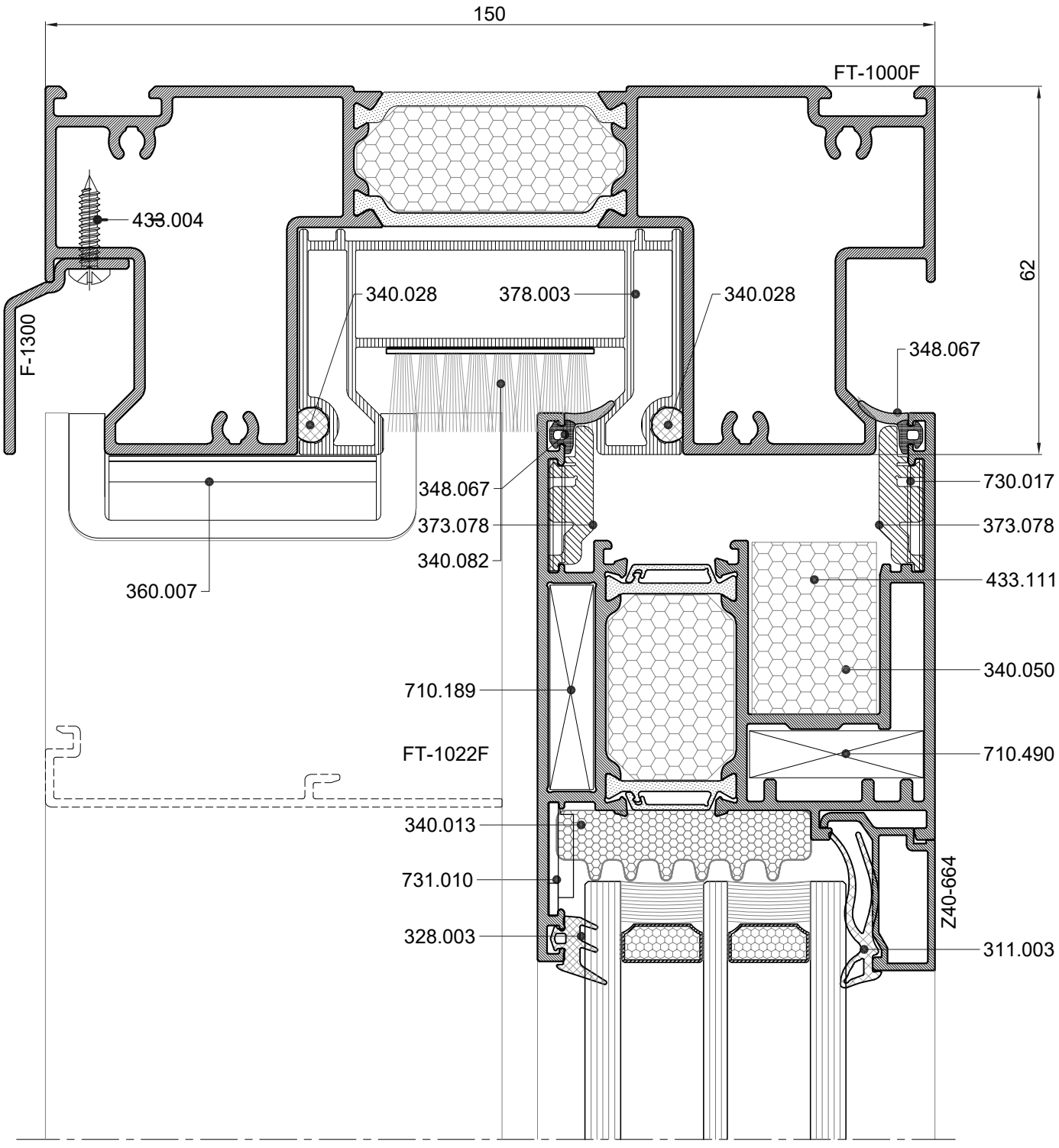


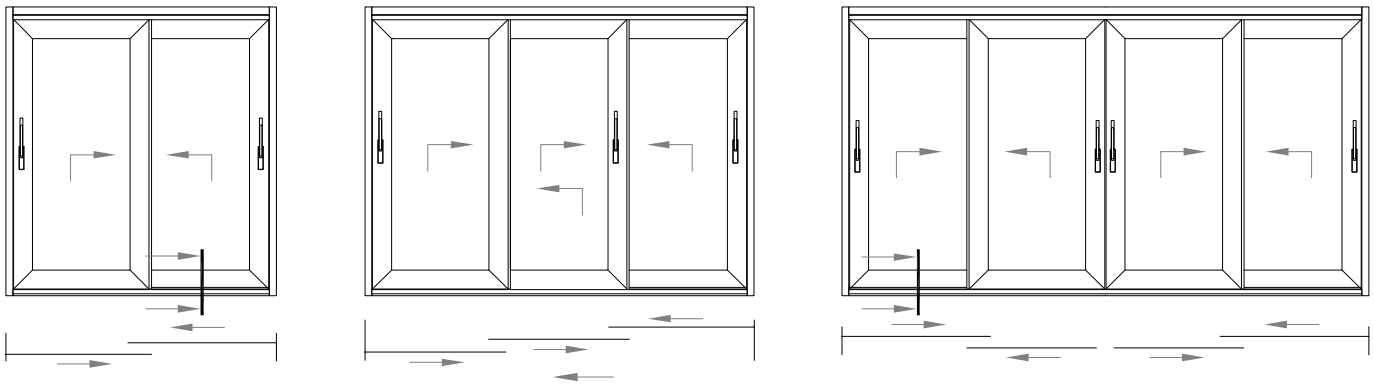
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



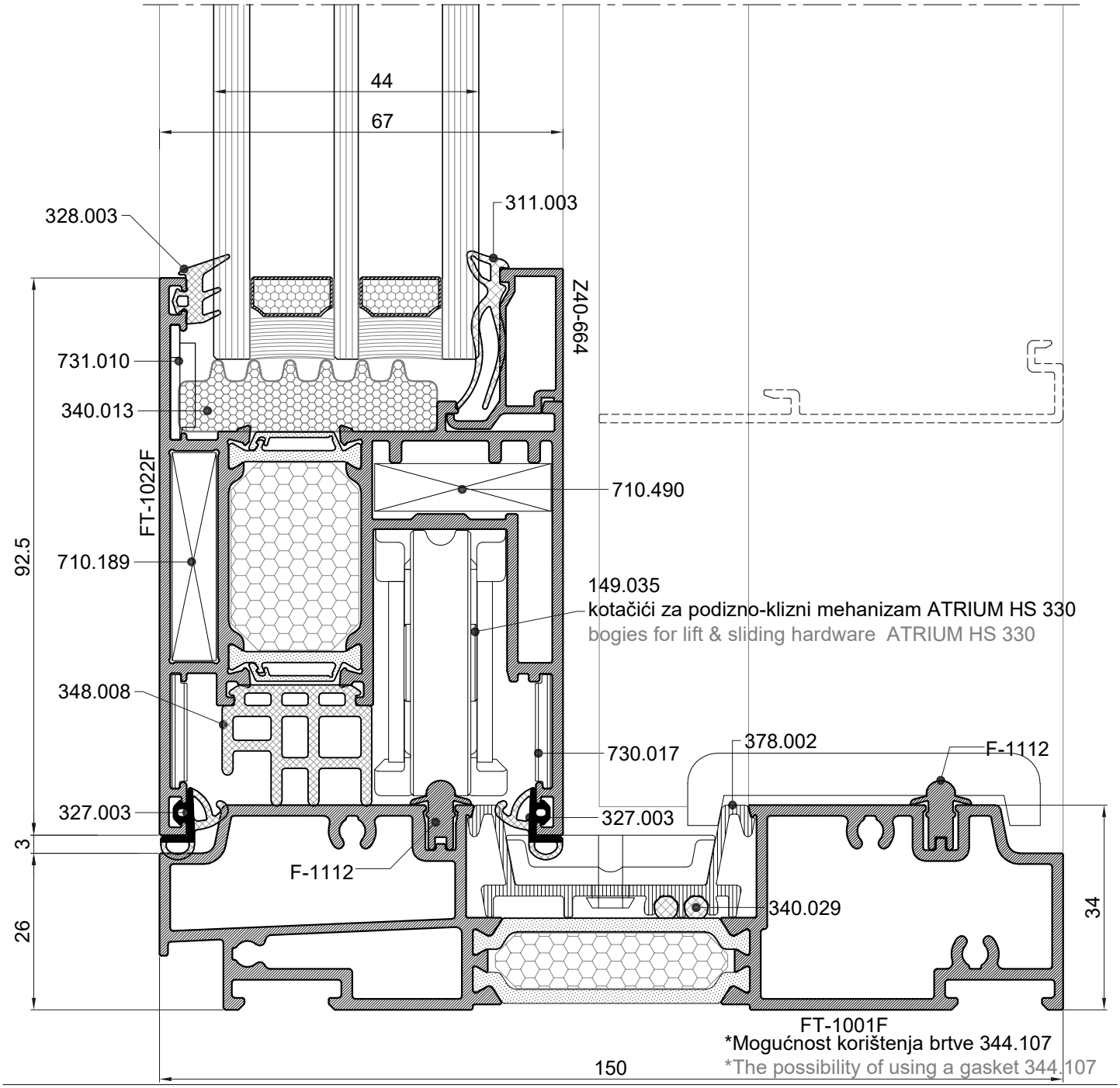
*Mogućnost korištenja brtve 344.107
*The possibility of using a gasket 344.107

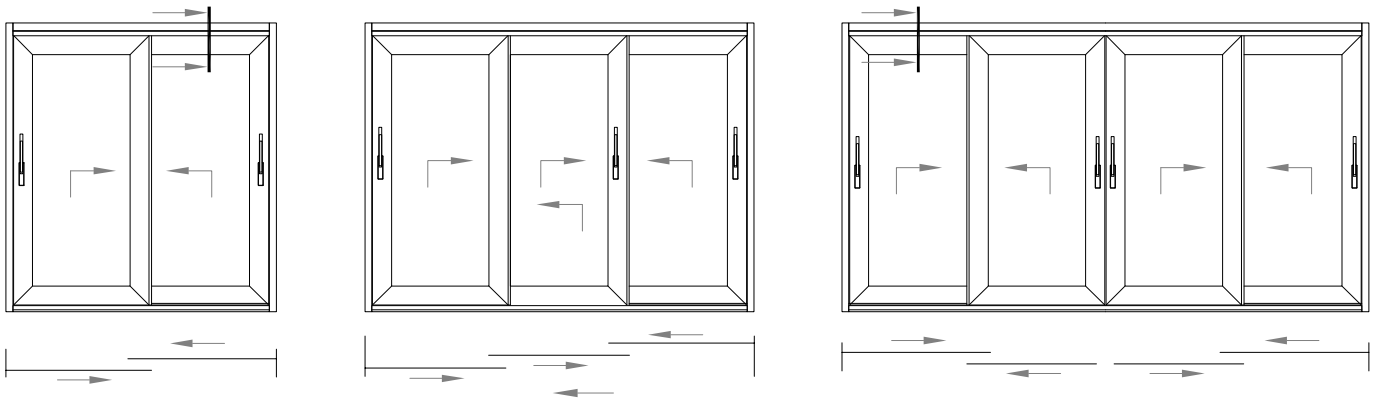



150
FT-1000F
62
433.004
F-1300
340.028
378.003
340.028
348.067
348.067
373.078
340.082
360.007
730.017
373.078
433.111
340.050
710.189
FT-1022F
710.490
340.013
731.010
328.003
Z40-664
311.003

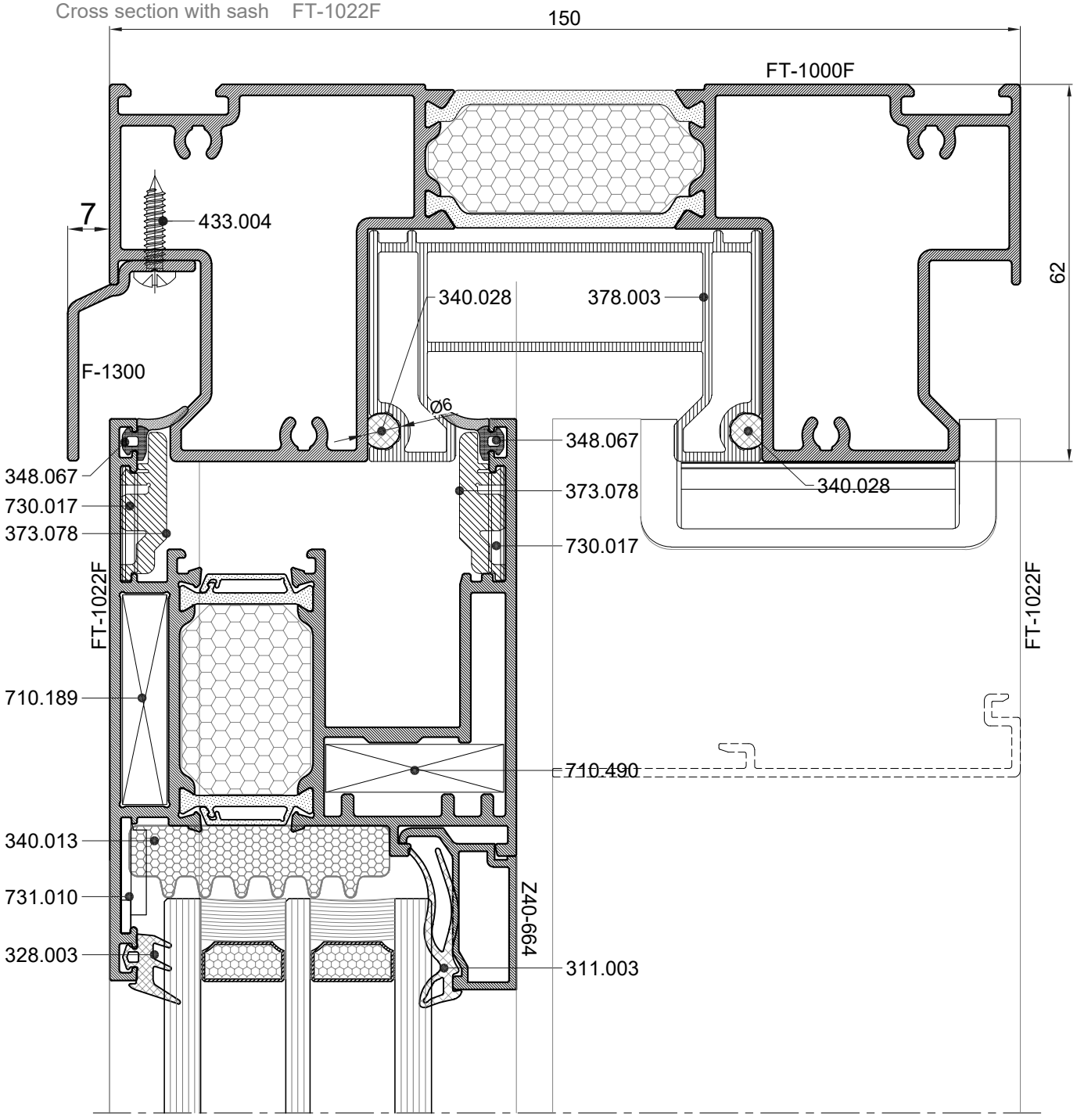


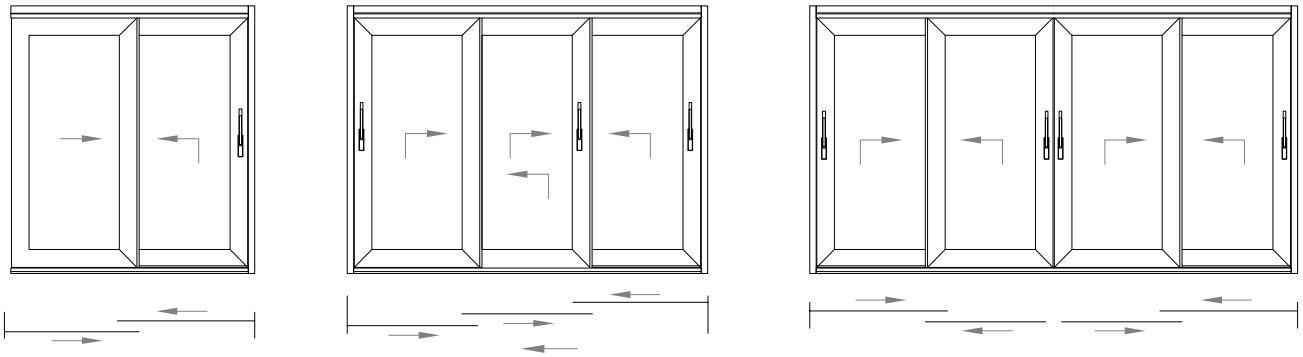
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



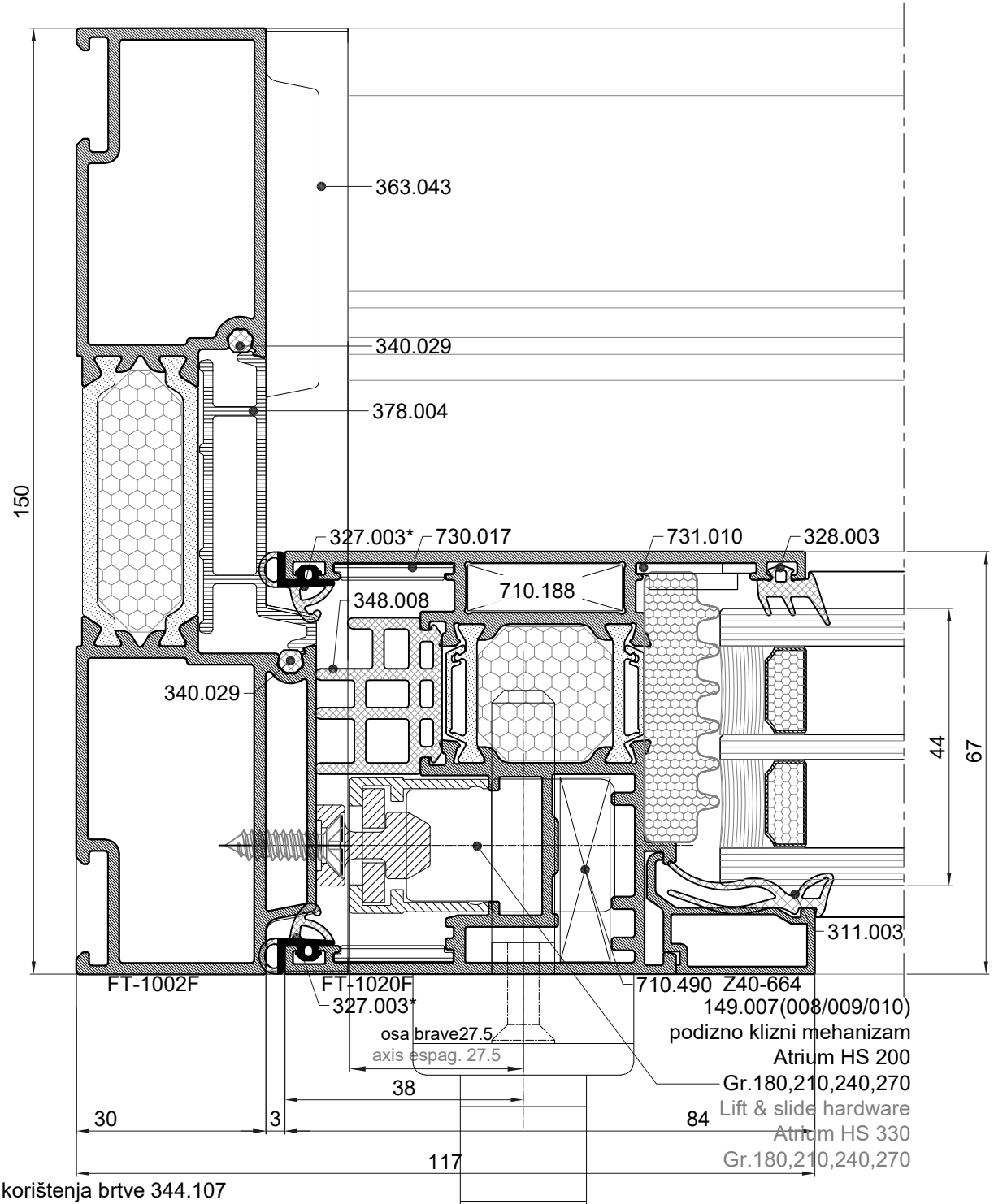


Presjek s krilom FT-1022F
Cross section with sash FT-1022F

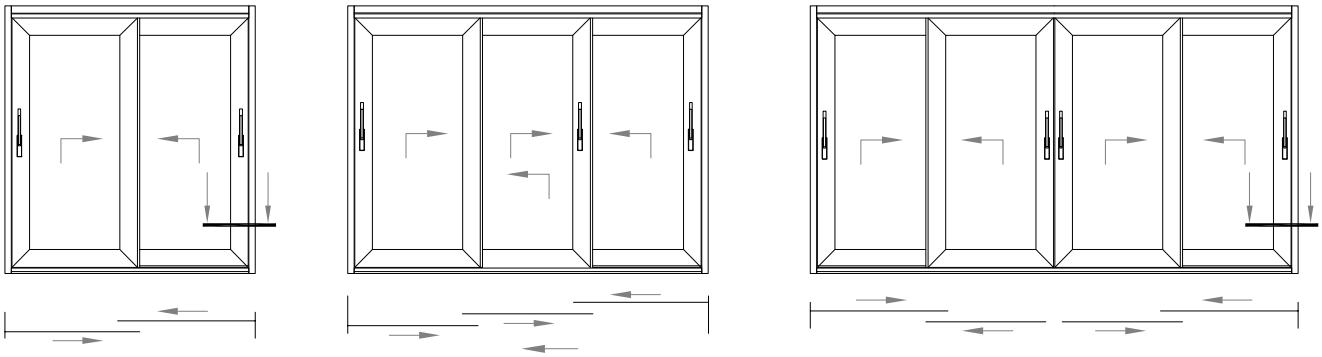




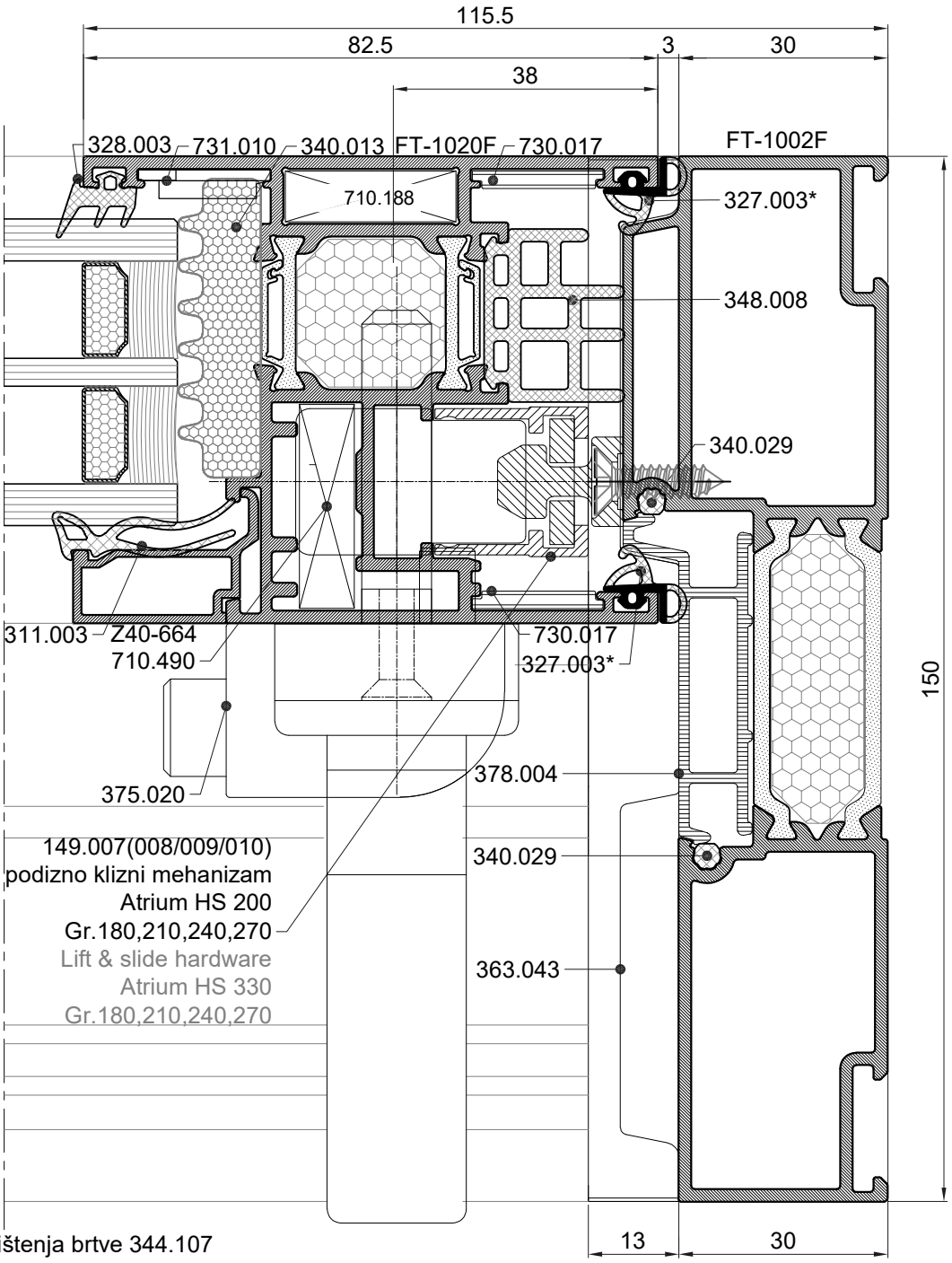
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



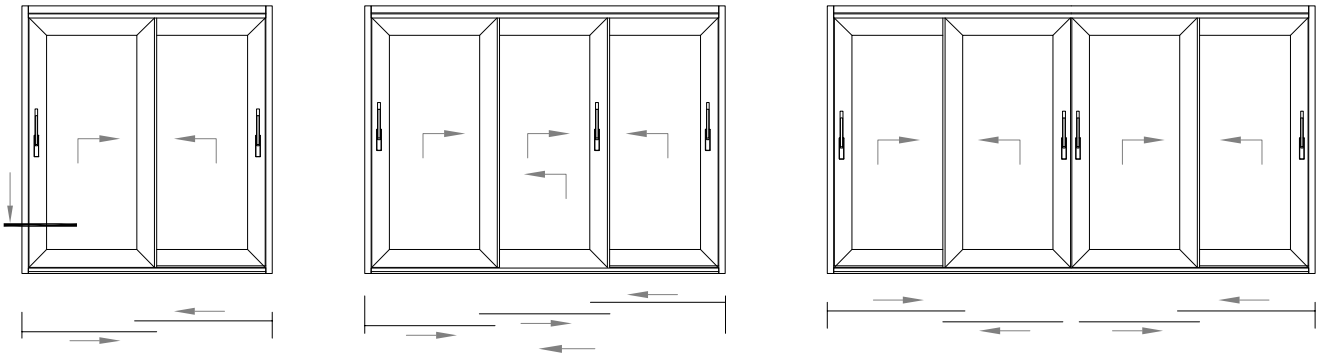
*Mogućnost korištenja brtve 344.107
*The possibility of using a gasket 344.107



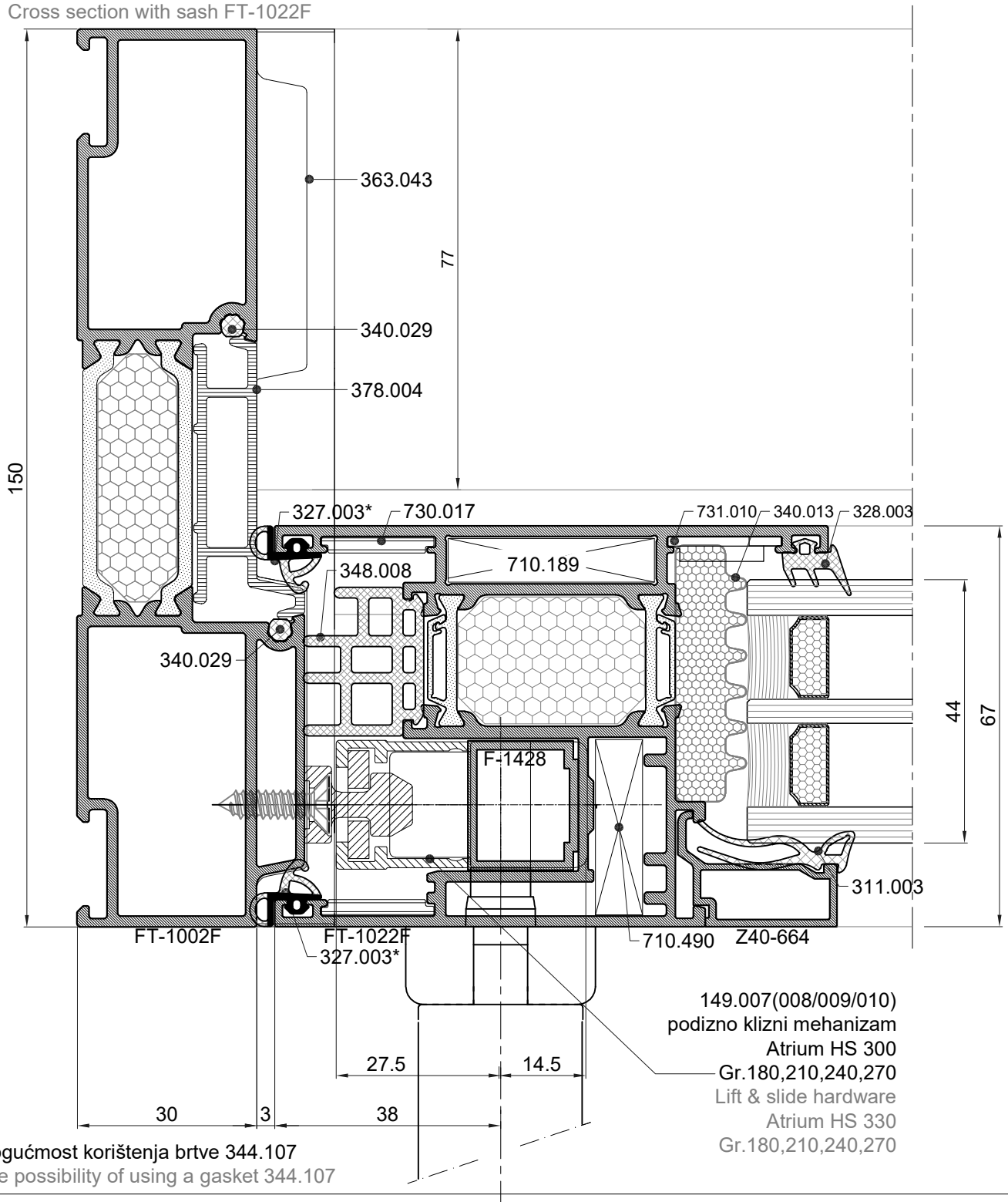
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



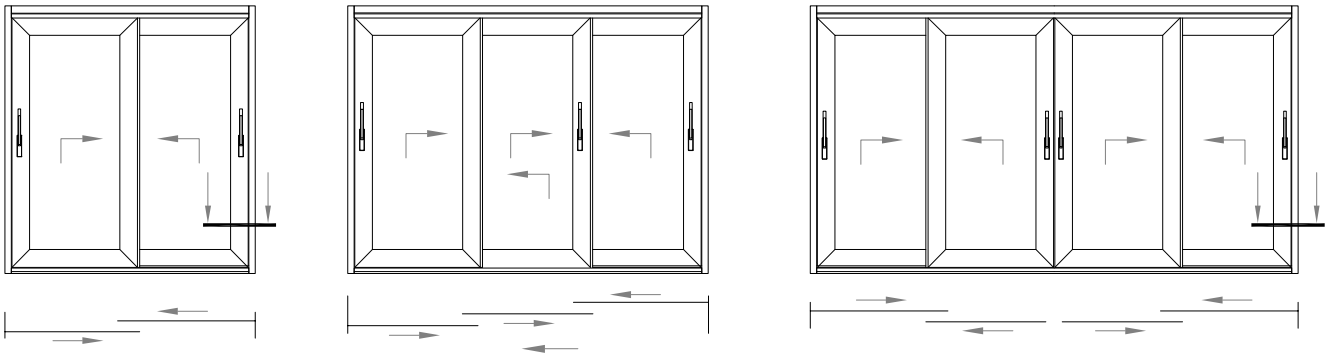
*Mogućnost korištenja brtve 344.107
*The possibility of using a gasket 344.107



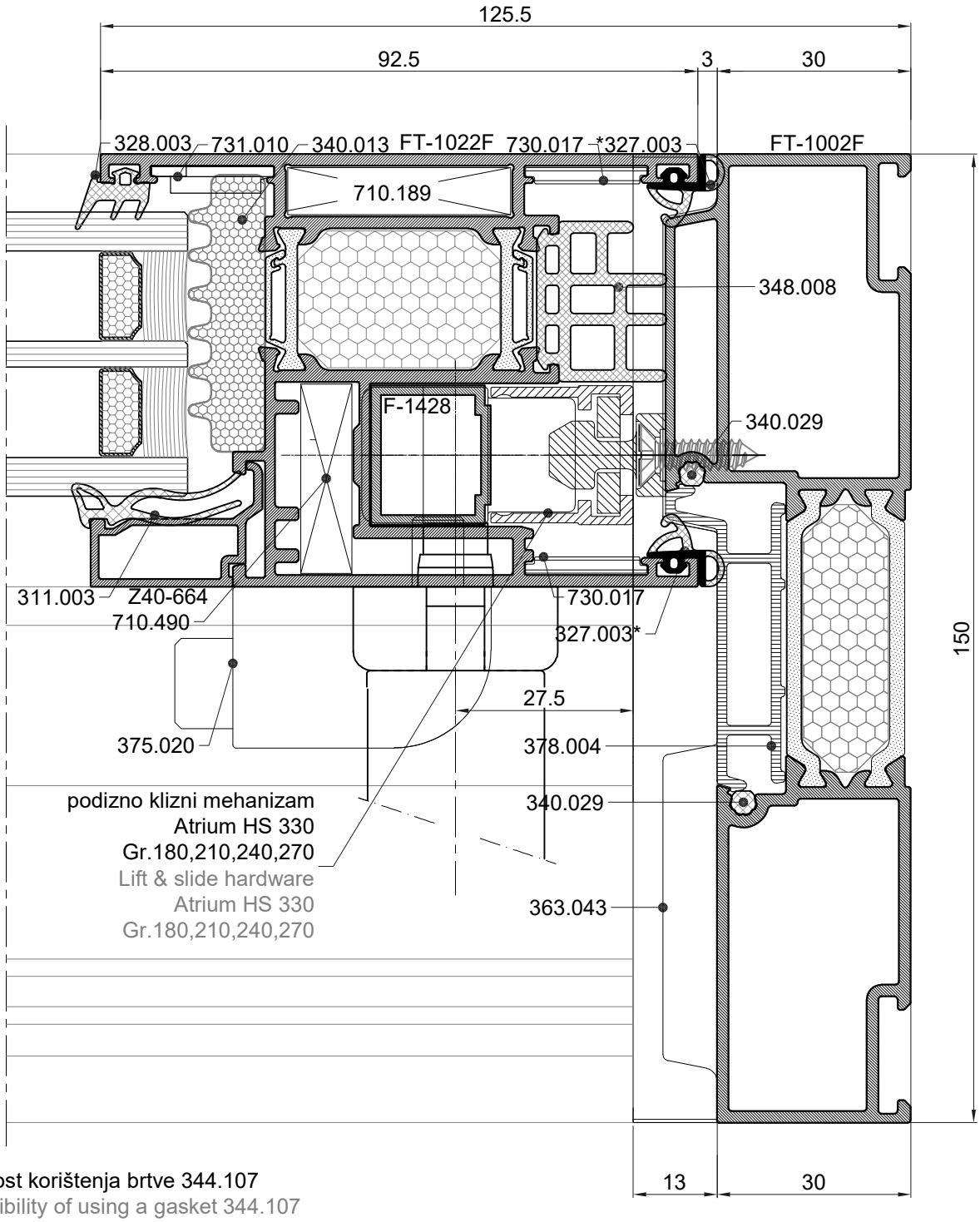
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



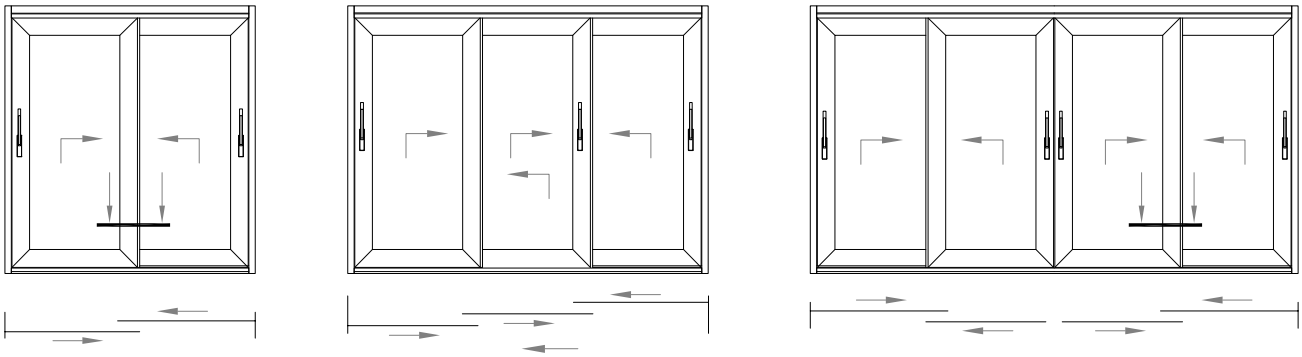
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



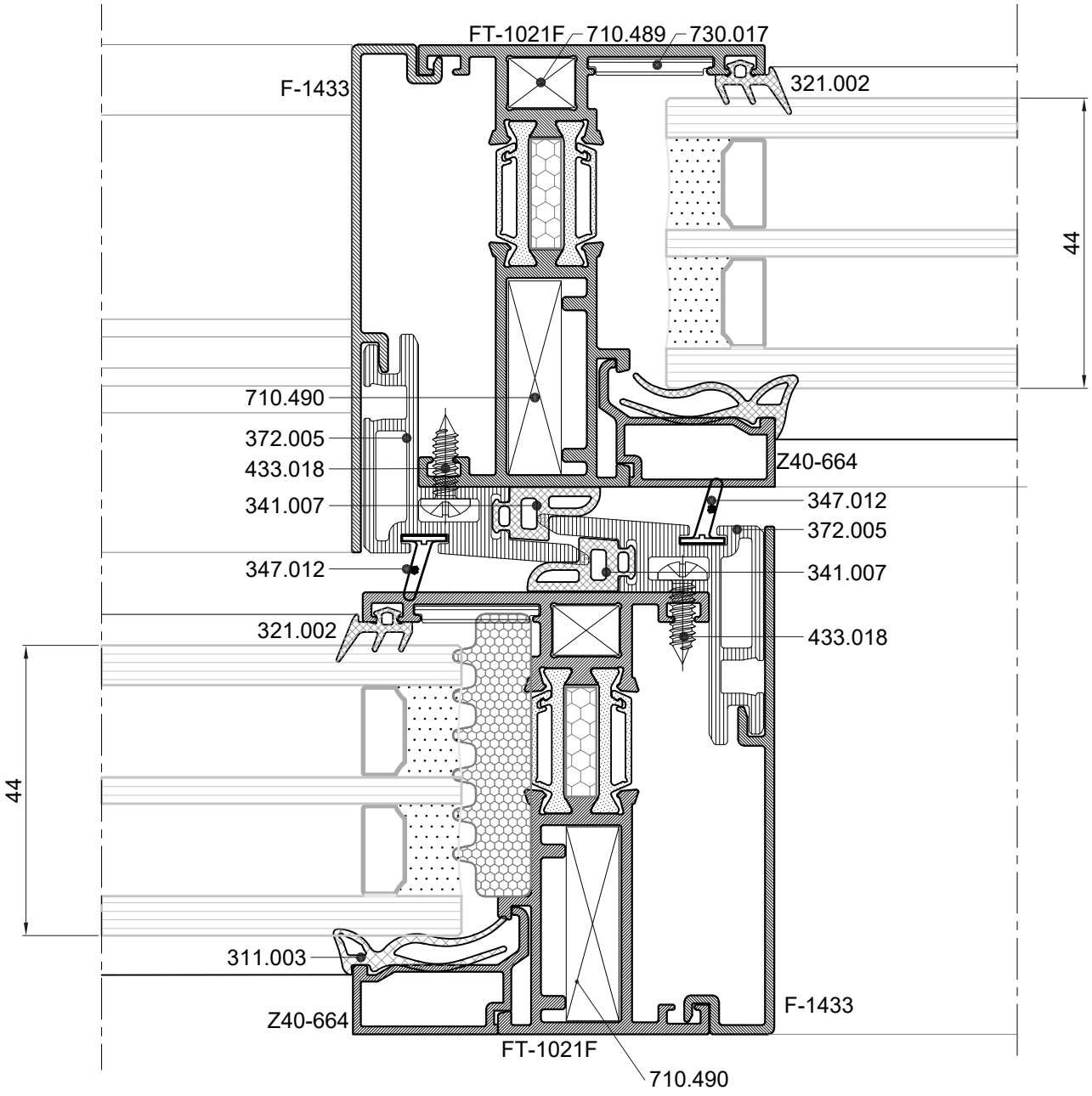
Presjek s krilom FT-1022F
Cross section with sash FT-1022F

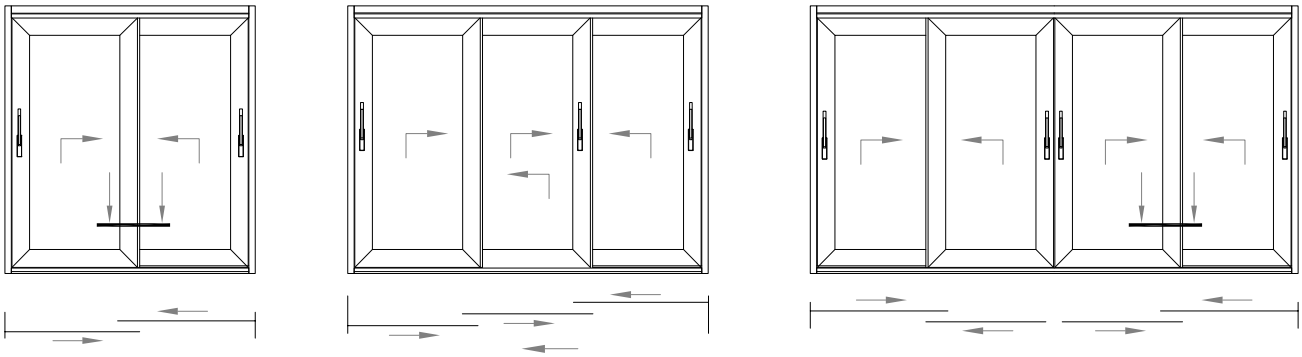


*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107

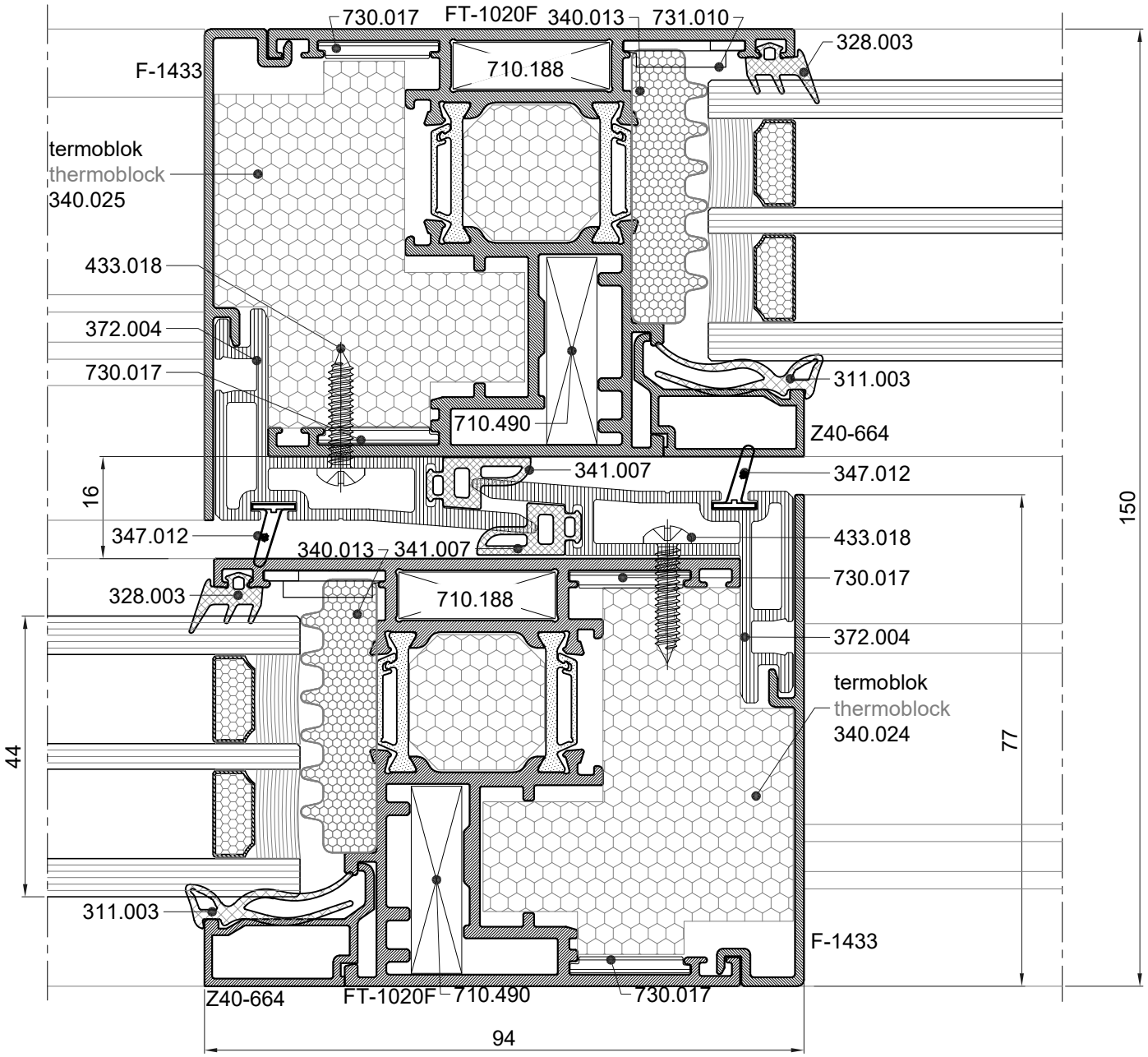


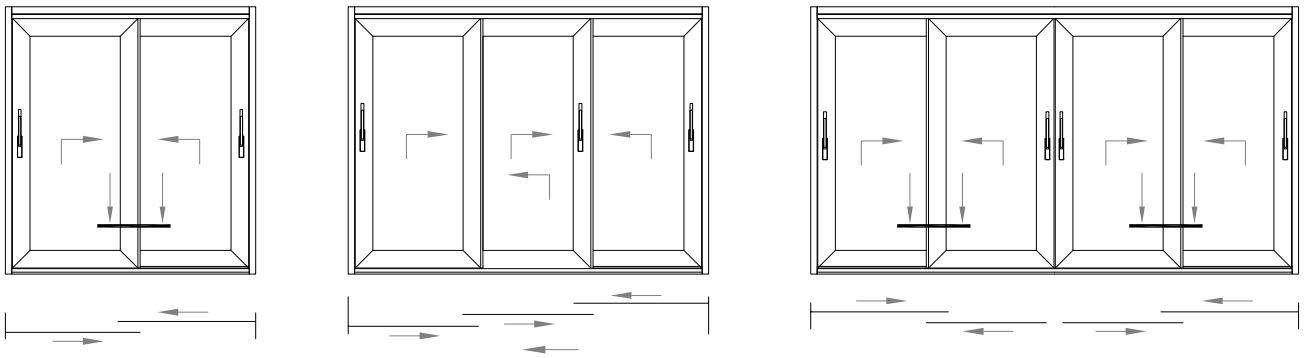
Presjek s krilom FT-1021F
Cross section with sash FT-1021F



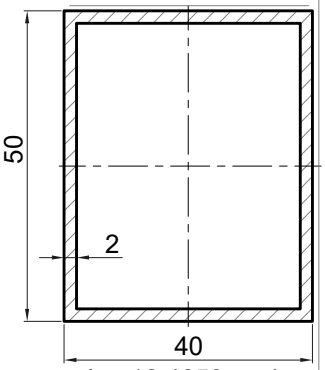


Presjek s krilom FT-1020F
Cross section with sash FT-1020F





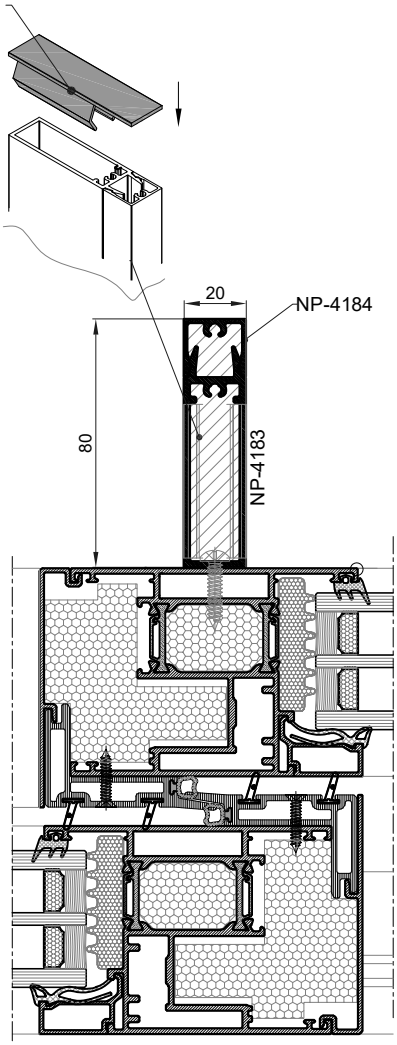
Čelična ojačanja
Steel reinforcements



Presjek s krilom FT-1022F
Cross section with sash
FT-1022F

Ojačanje 80 mm
Reinforcement 80 mm

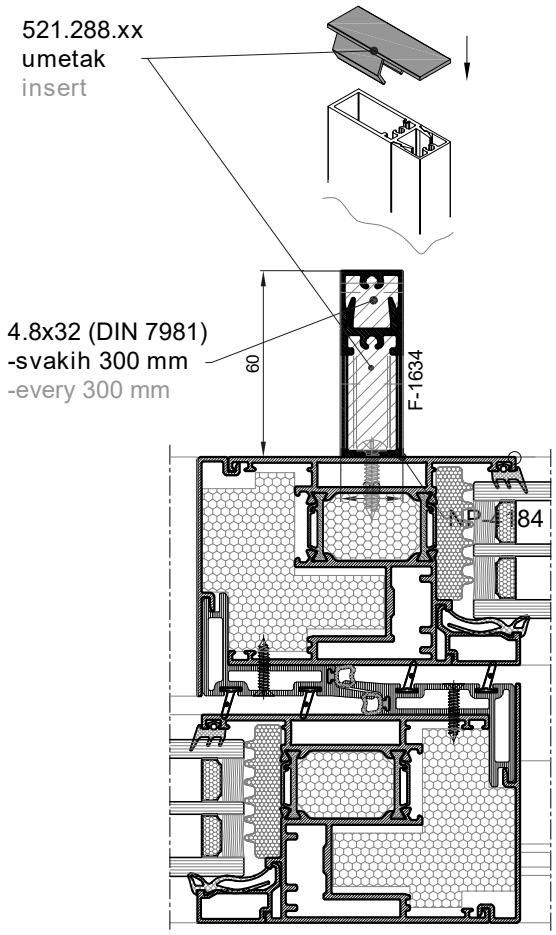
521.287.xx
umetak
insert



Ojačanje 60 mm
Reinforcement 60 mm

521.288.xx
umetak
insert

4.8x32 (DIN 7981)
-svakih 300 mm
-every 300 mm

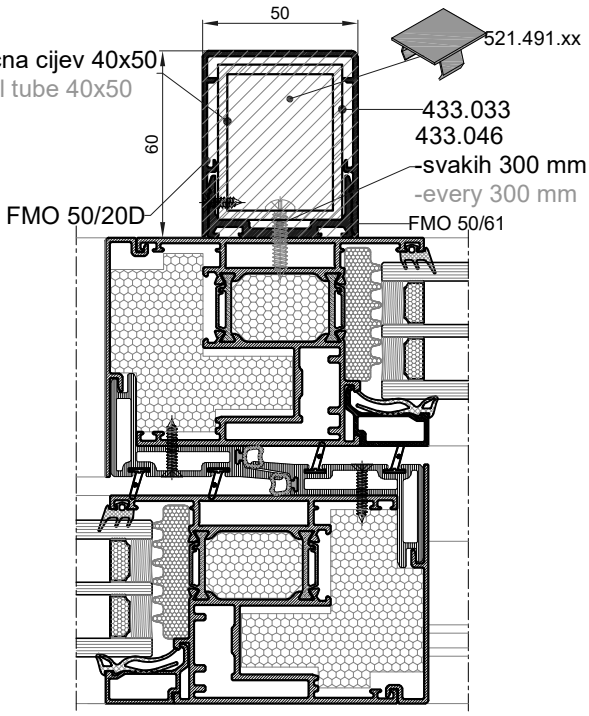


*Profil ojačanja može biti sa unutarnje ili vanjske strane.
The reinforcement profile can be place on the inside or on the outside.

Ojačanje sa čeličnom cijevi
Reinforcement with steel tube

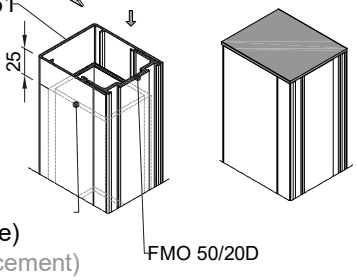
čelična cijev 40x50
steel tube 40x50

FMO 50/20D



521.491.xx
Umetak
insert

FMO 50/61

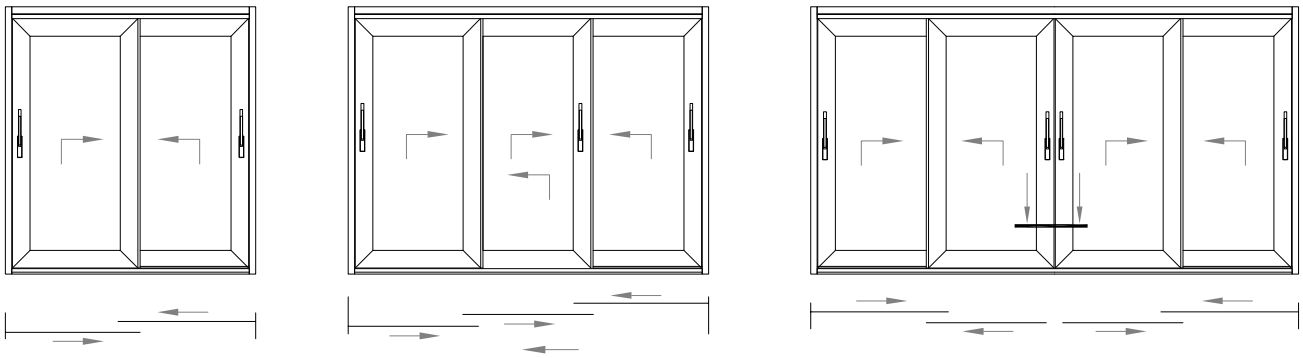


(ojačanje)
(reinforcement)

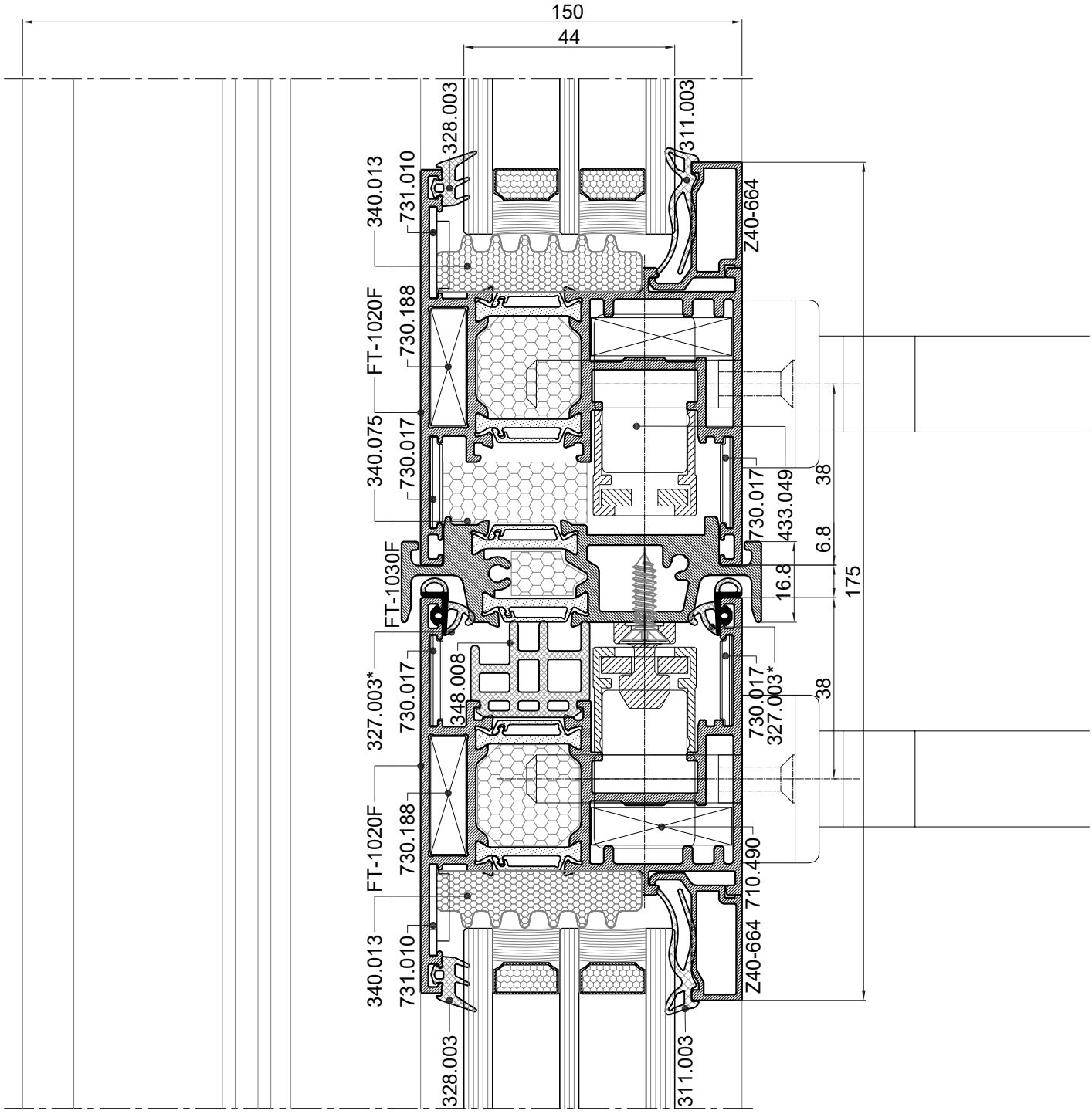
FMO 50/20D

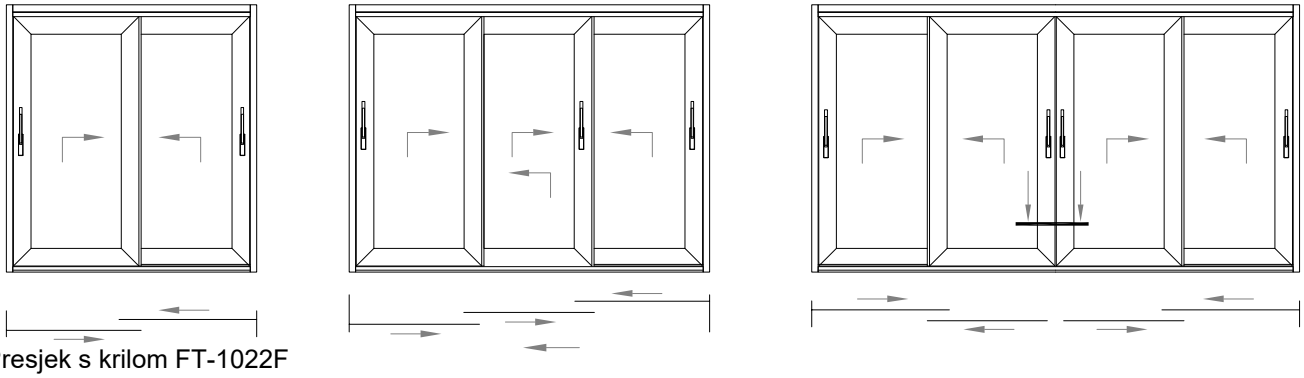
-Profil FMO 50/61 (maska ojačanja) mora biti 50 mm duži od profila ojačanja.
-FMO 50/61 profile (reinforcement mask) must be 50 mm longer than the reinforcement profile.

*Ojačanje sa čeličnom cijevi ide na vanjsku stranu profila prečke.
Reinforcement with steel tube goes to the exterior side of window crossbar.

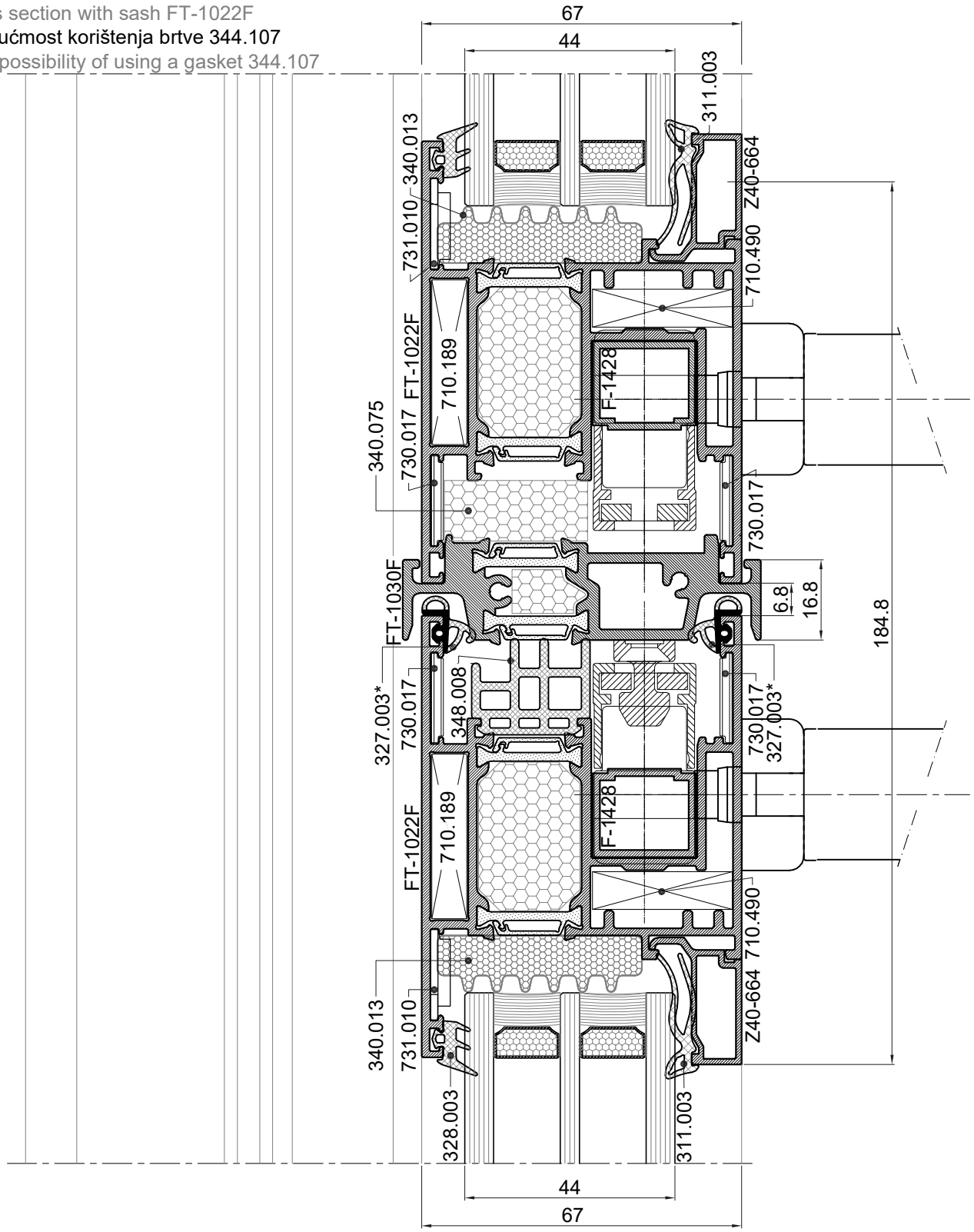


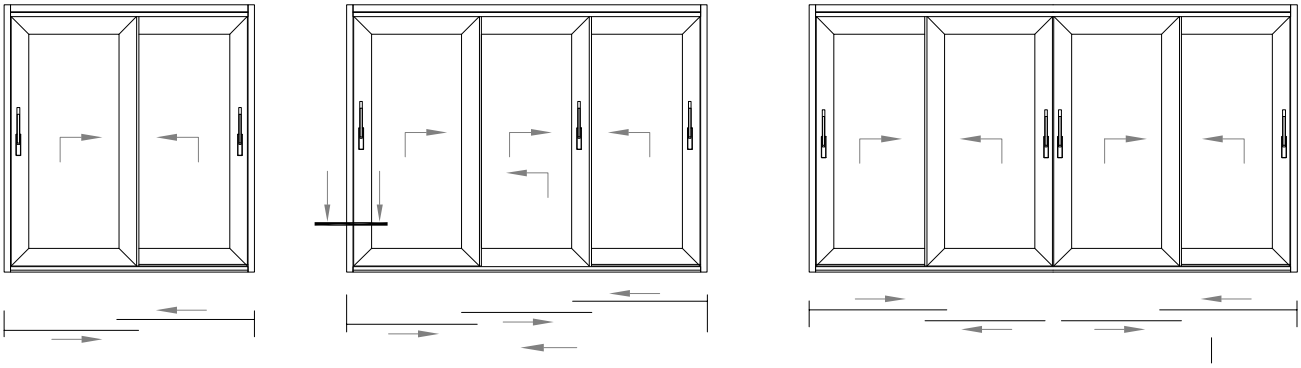
Presjek s krilom FT-1020F
Cross section with sash FT-1020F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



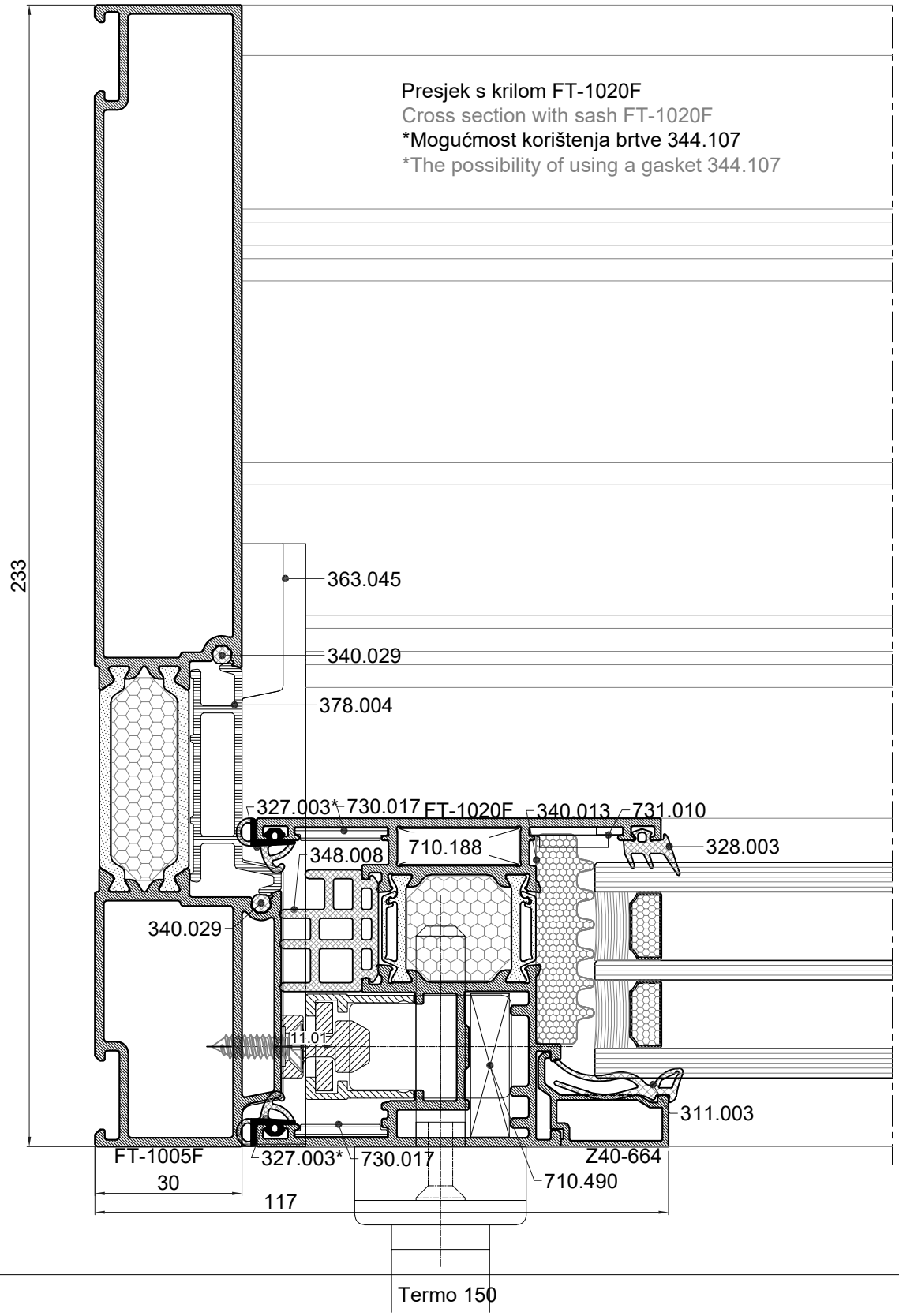


Presjek s krilom FT-1022F
Cross section with sash FT-1022F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



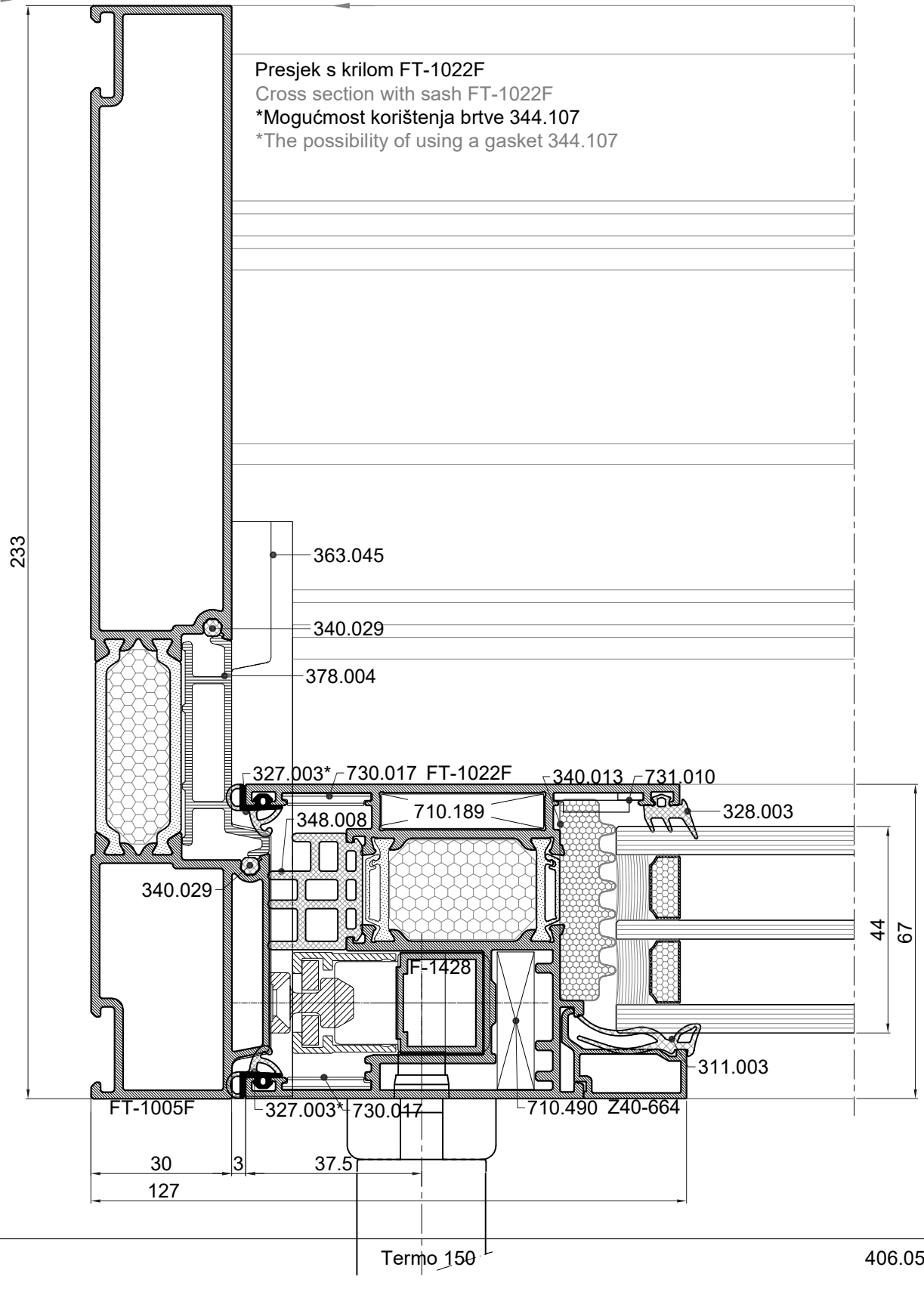


Presjek s krilom FT-1020F
Cross section with sash FT-1020F
*Mogućmost korištenja brtve 344.107
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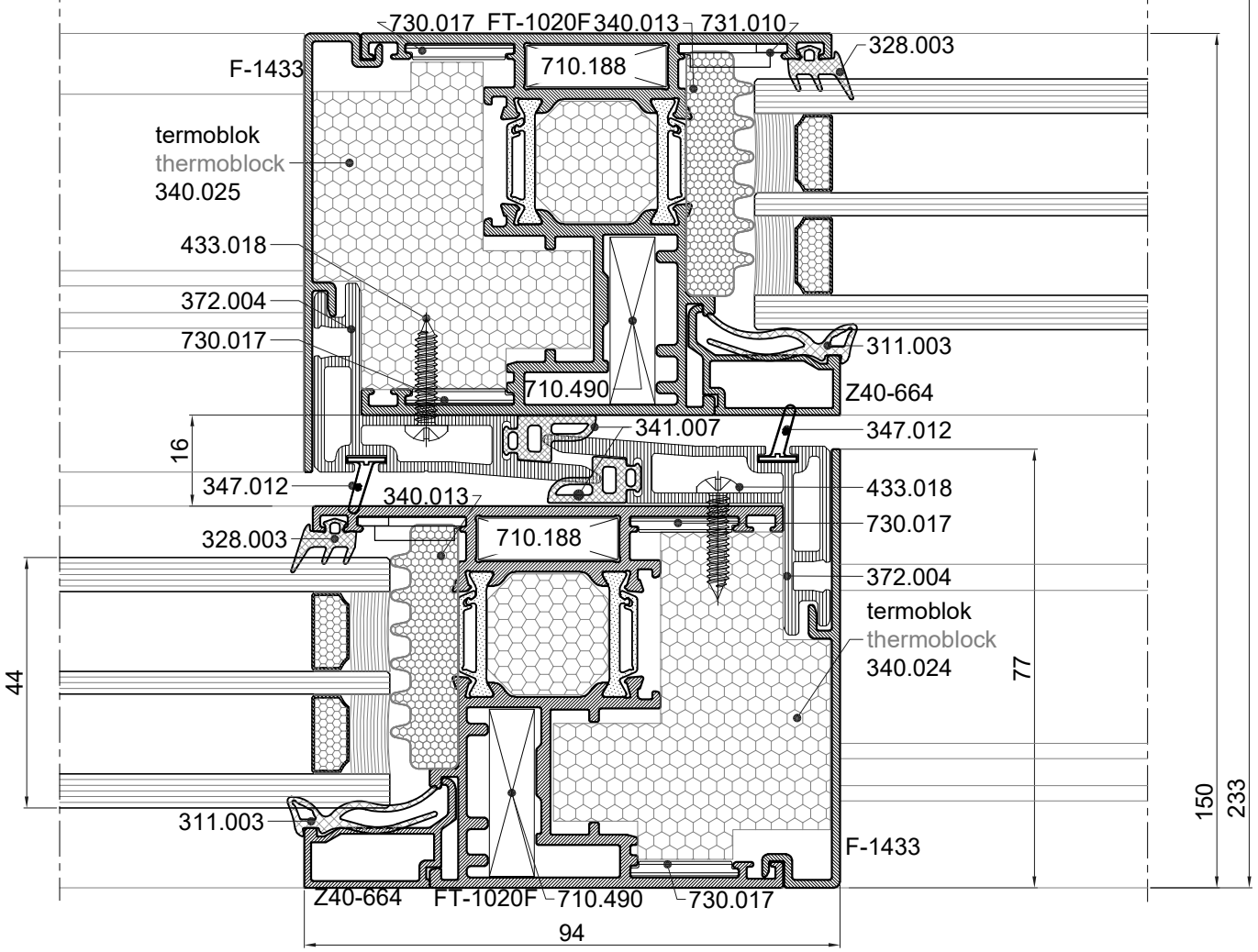


Presjek s krilom FT-1022F
Cross section with sash FT-1022F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



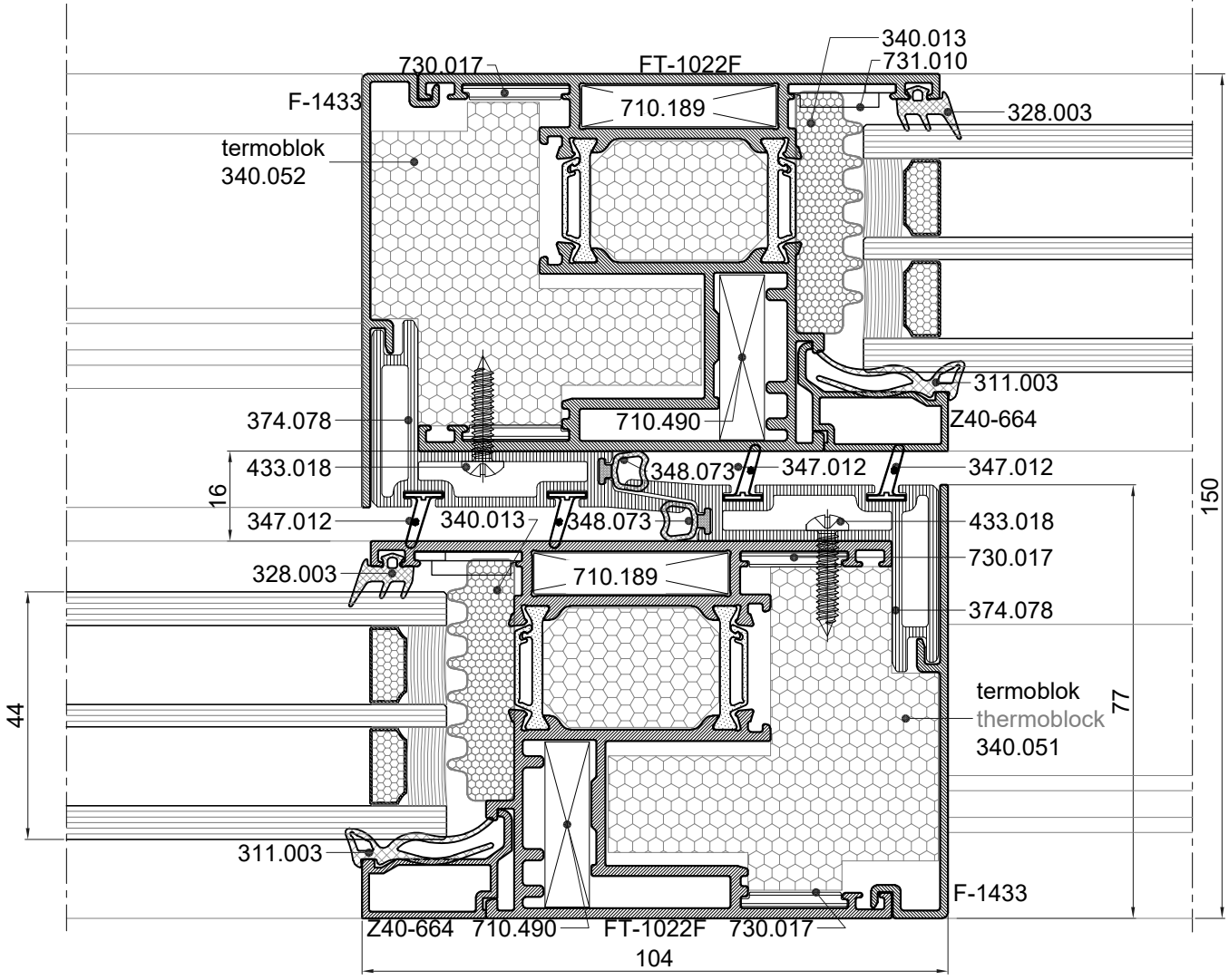


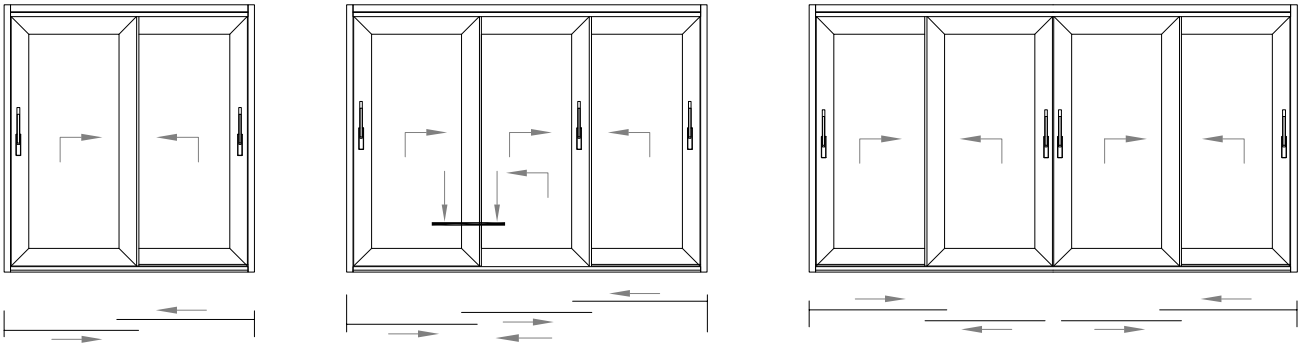
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



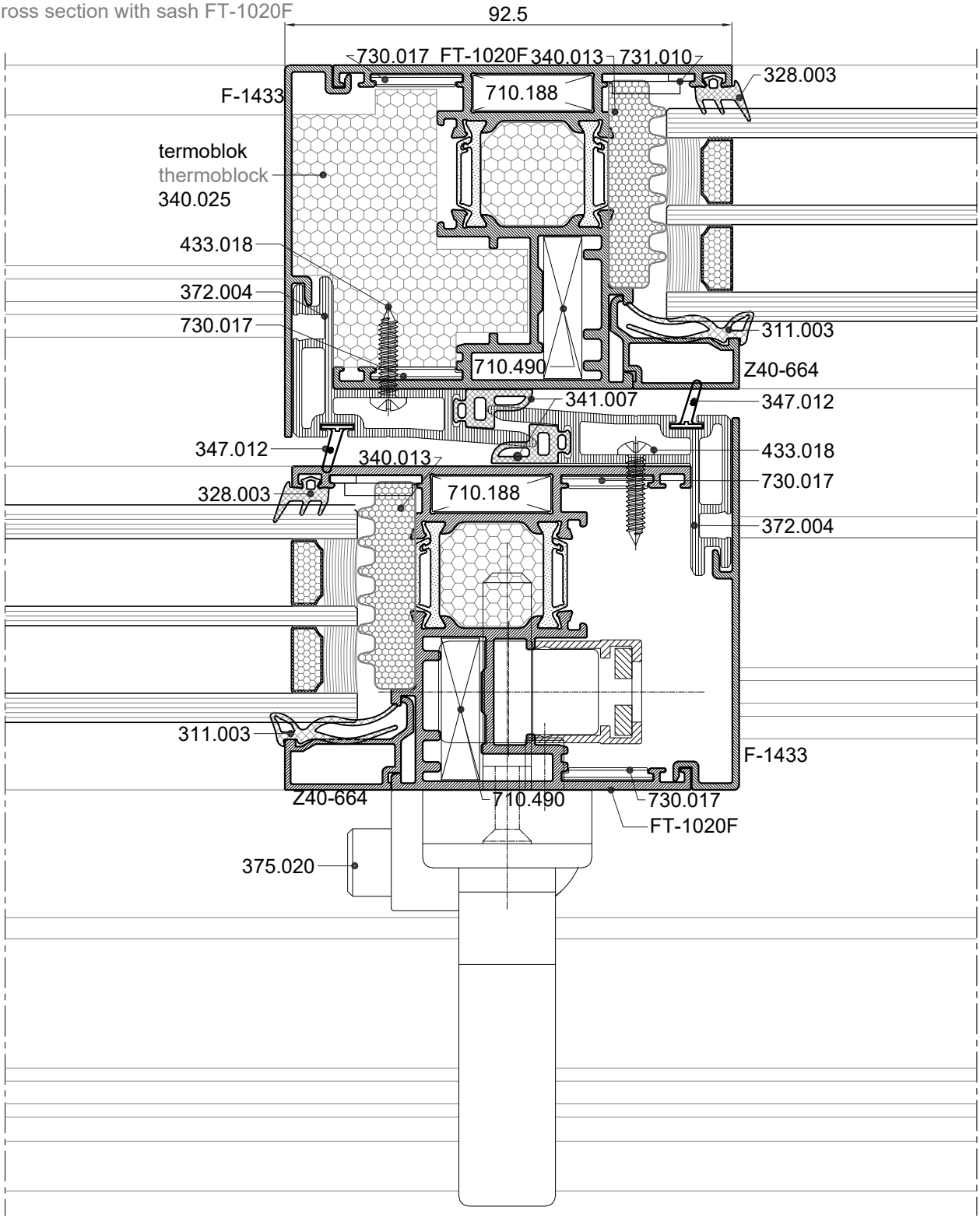


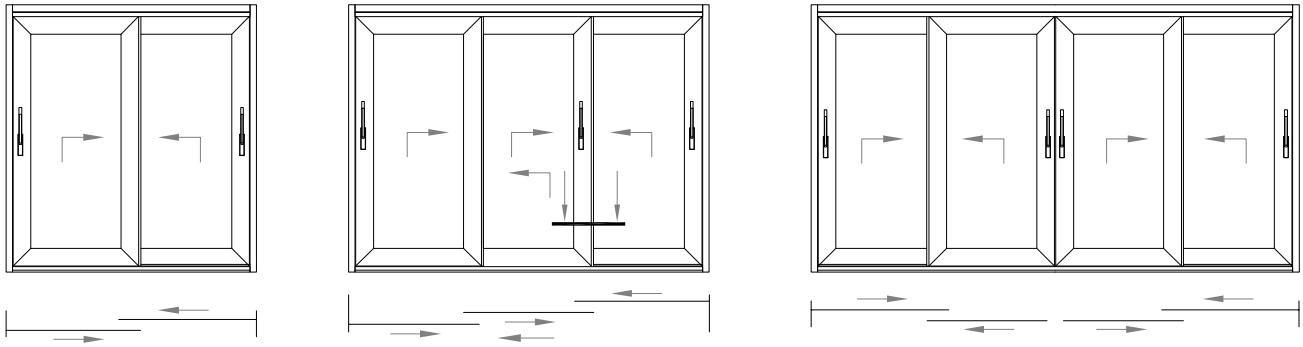
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



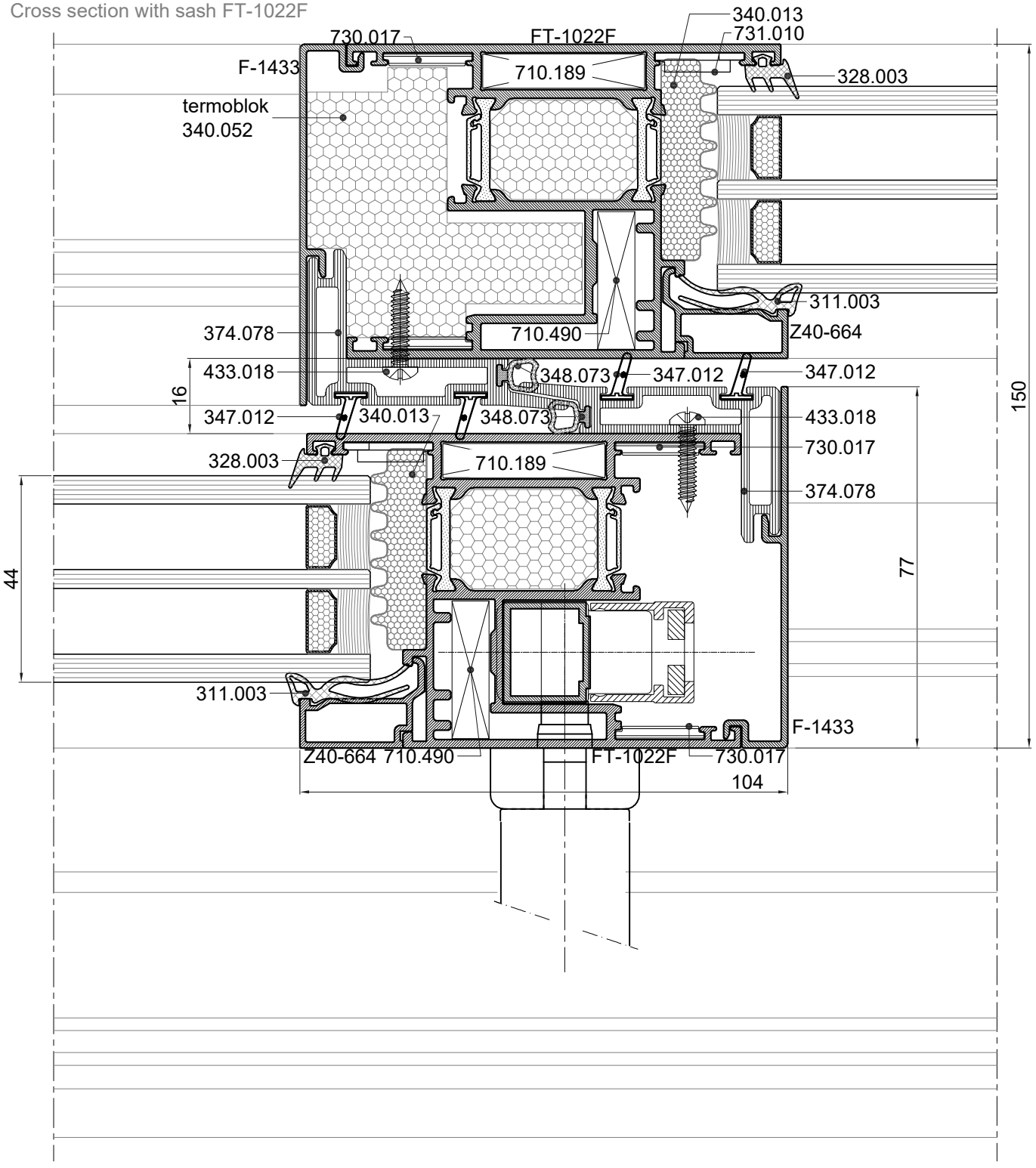


Presjek s krilom FT-1020F
Cross section with sash FT-1020F



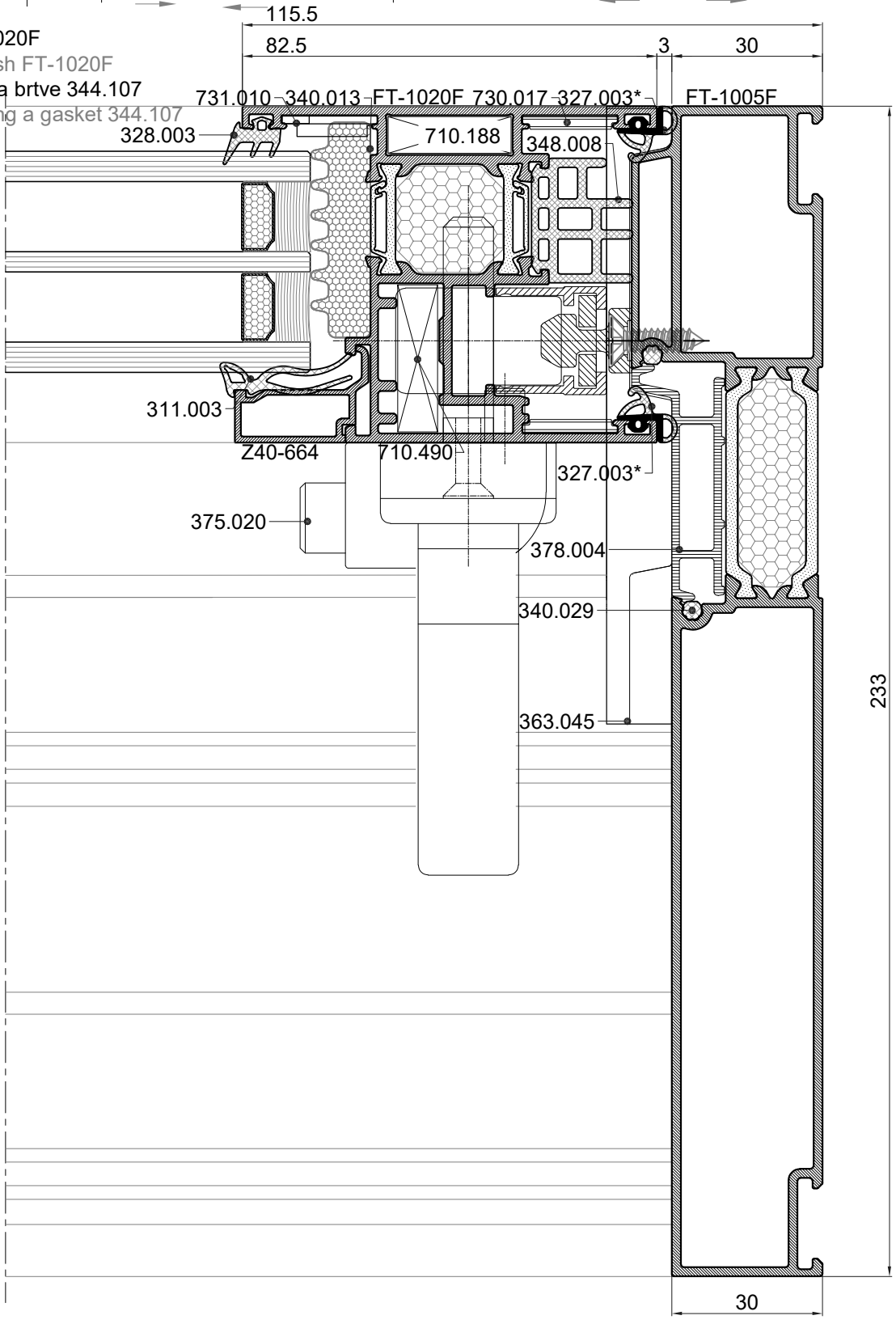


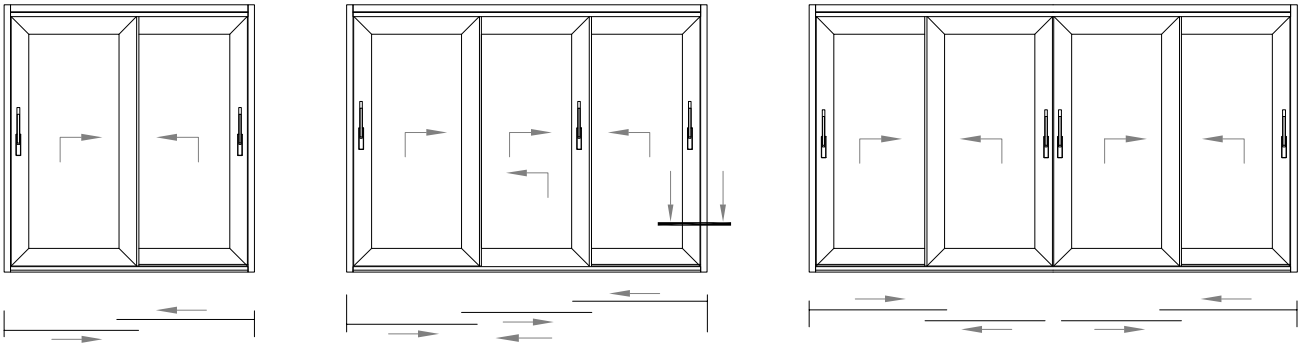
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



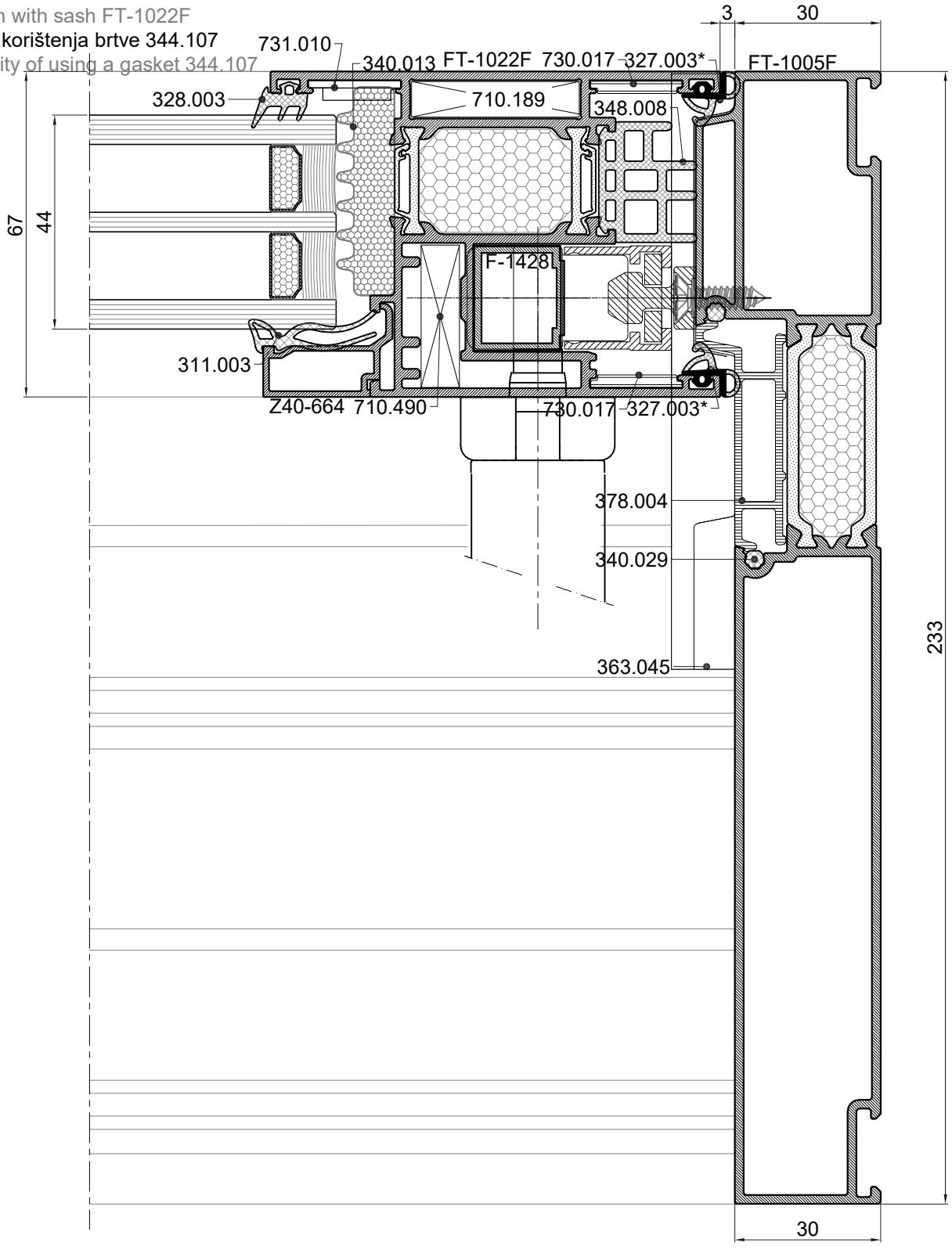


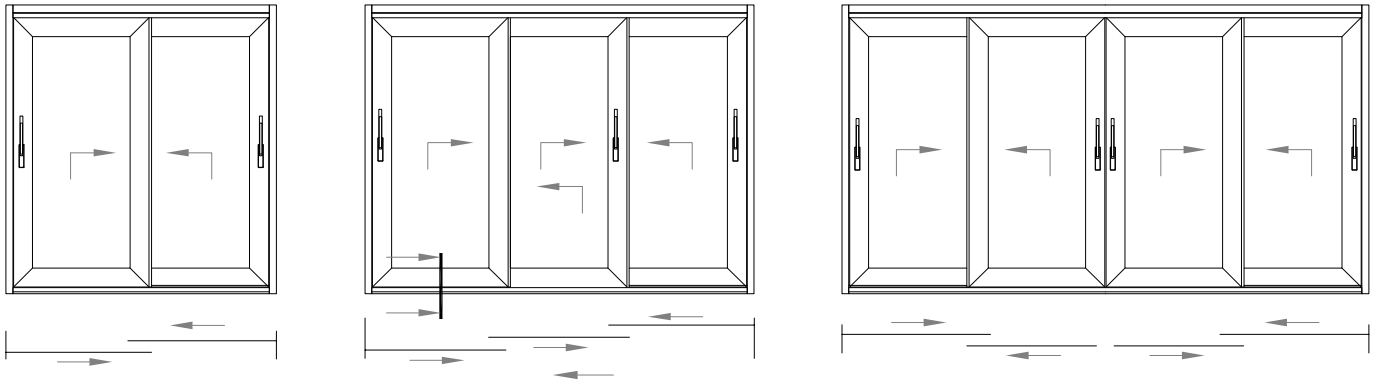
Presjek s krilom FT-1020F
Cross section with sash FT-1020F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



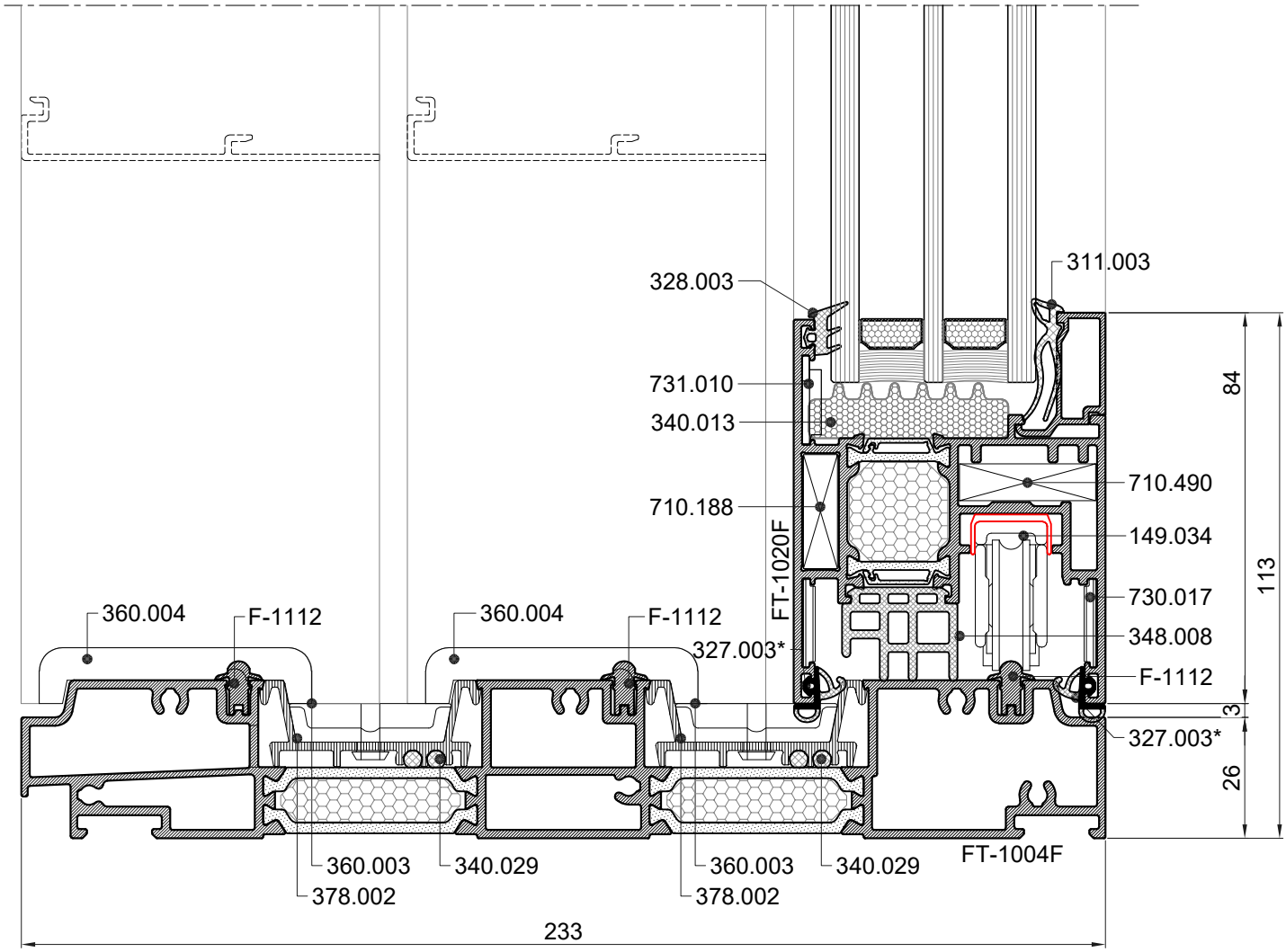


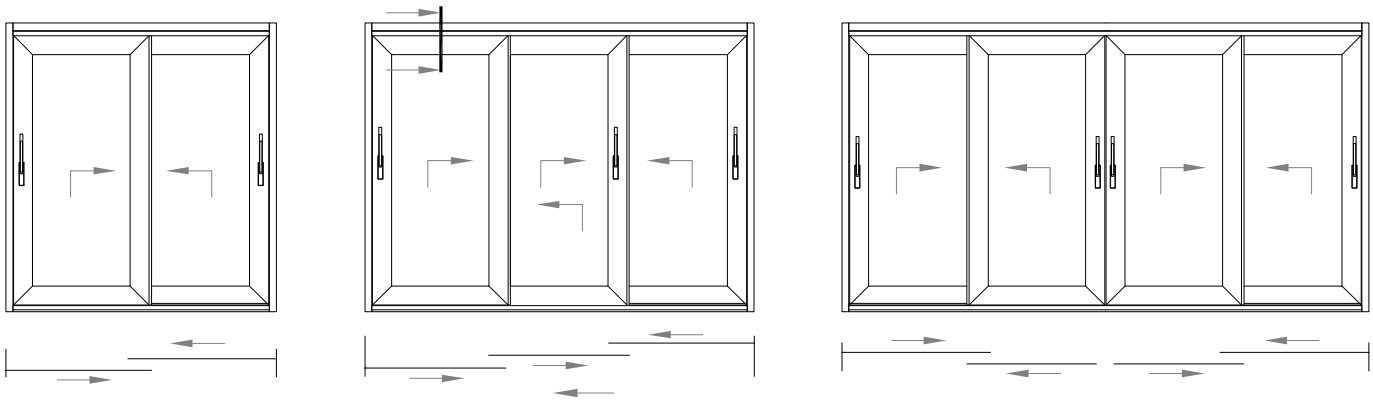
Presjek s krilom FT-1022F
Cross section with sash FT-1022F
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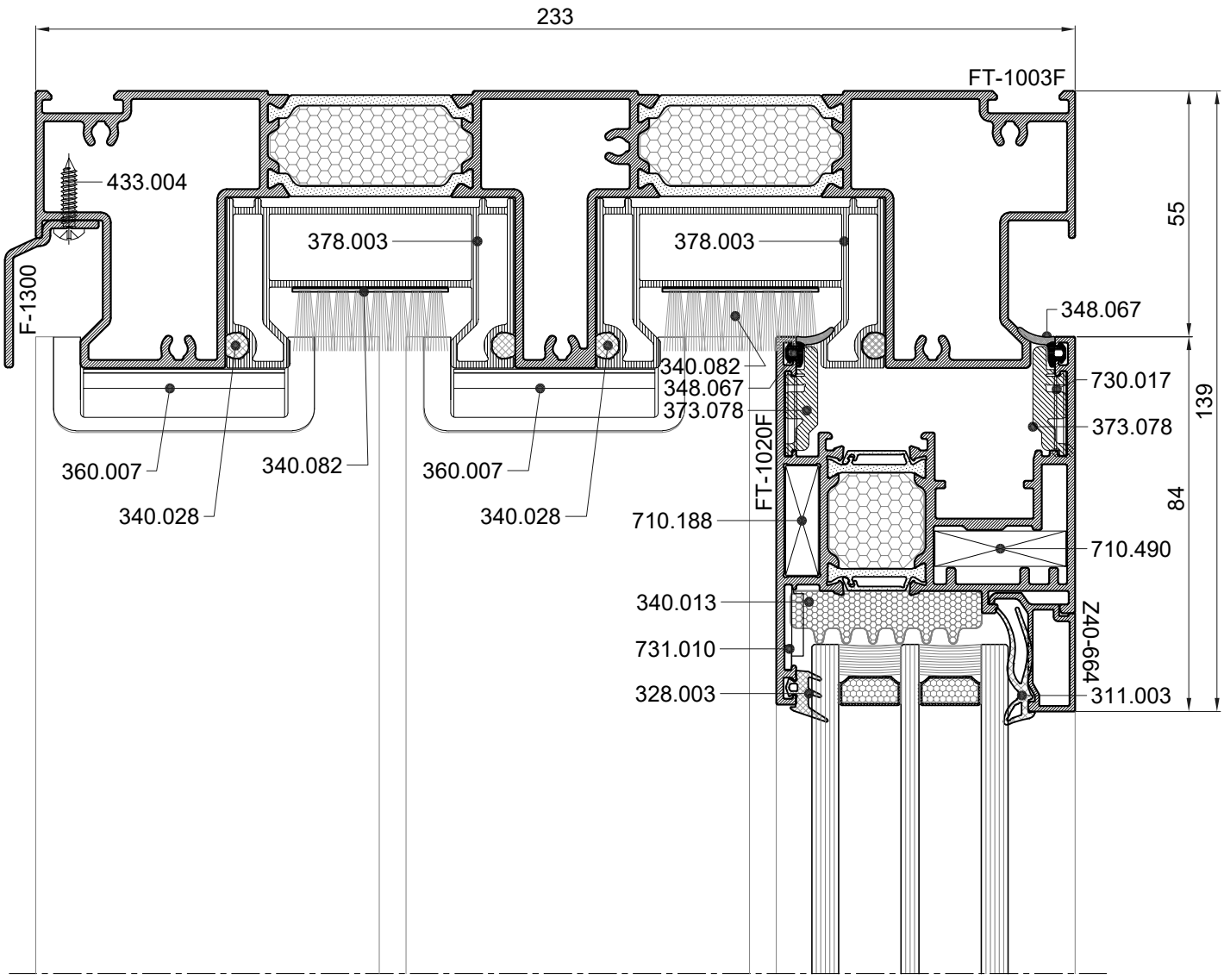


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*Mogućmost korištenja brtve 344.107
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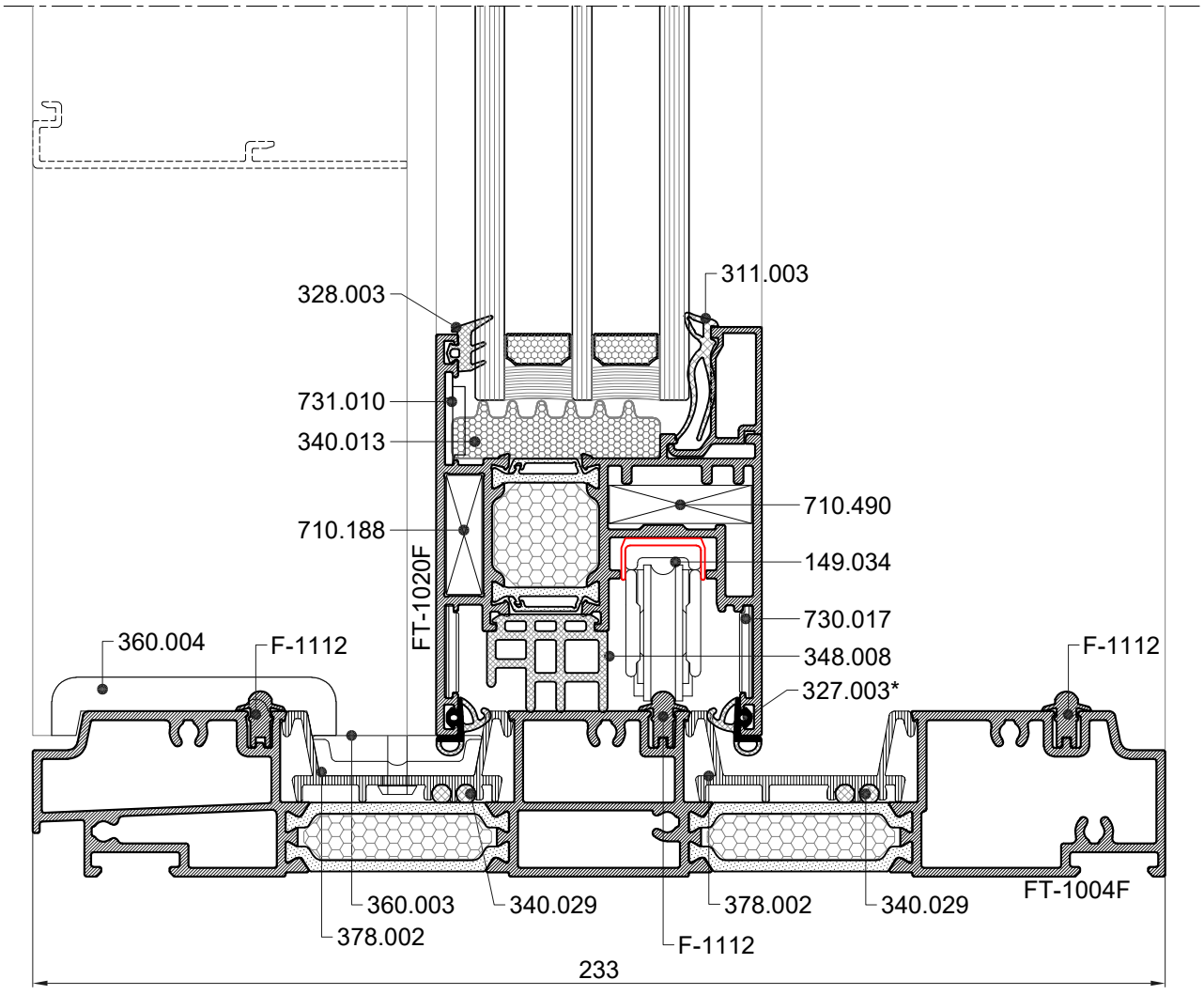


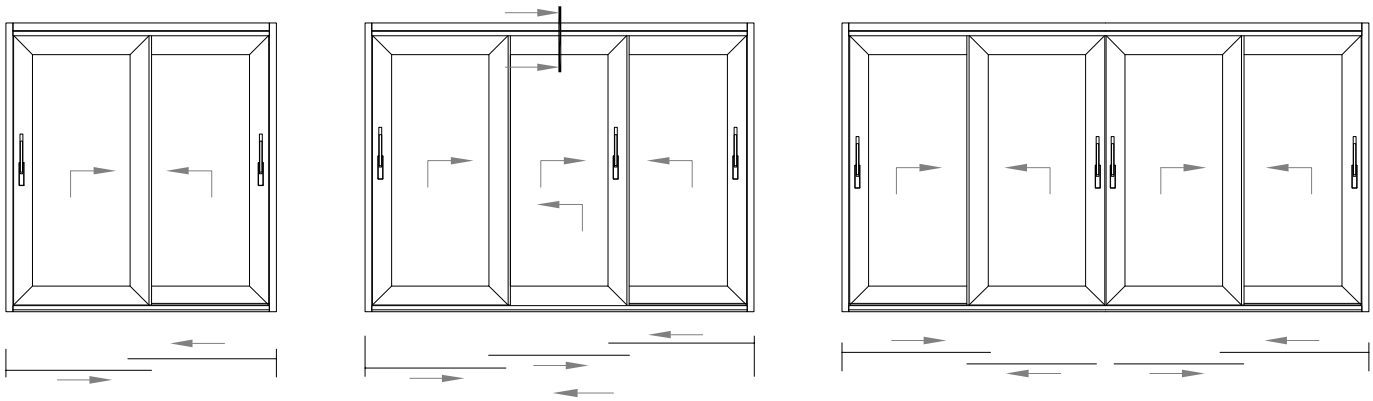
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



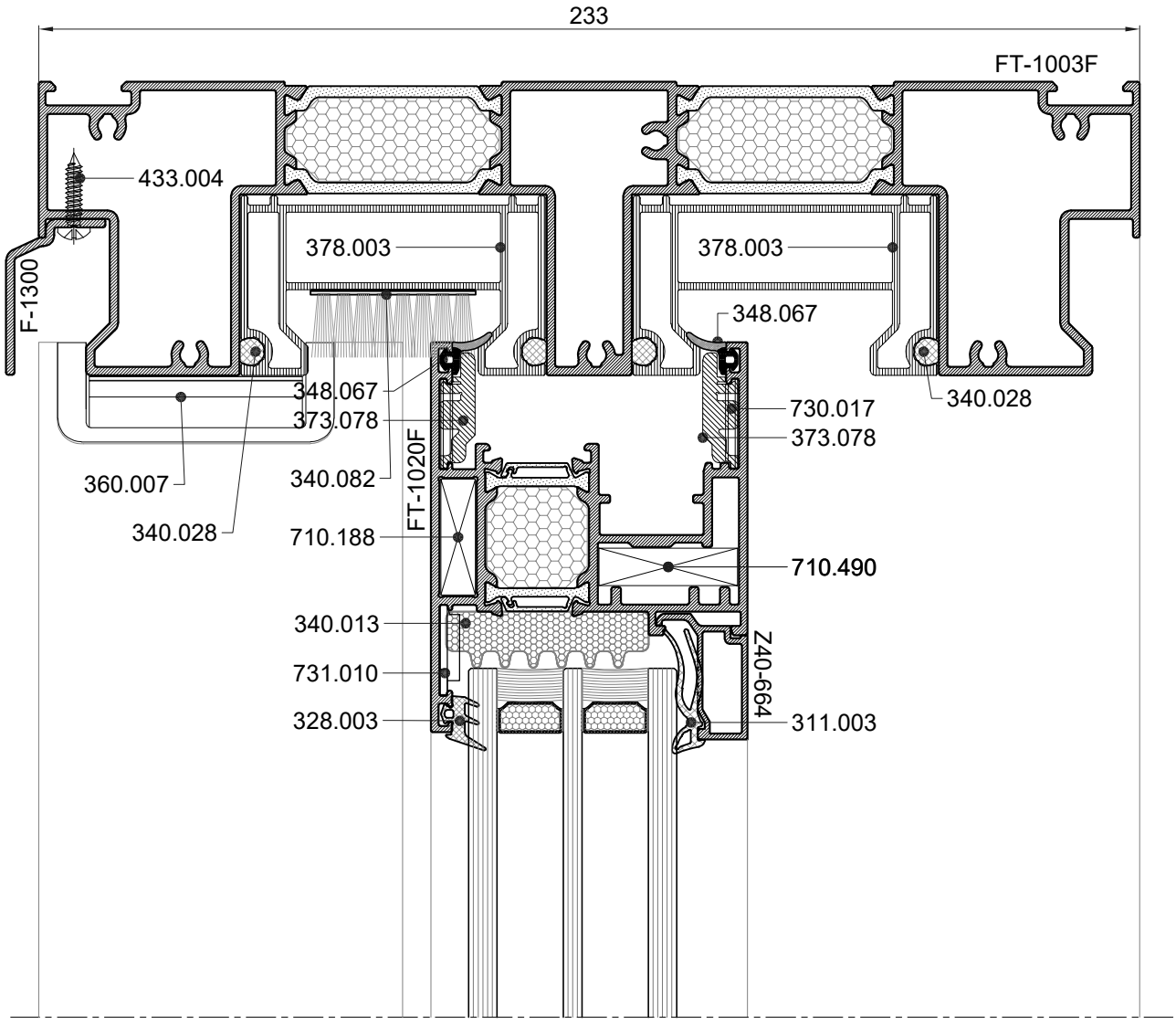


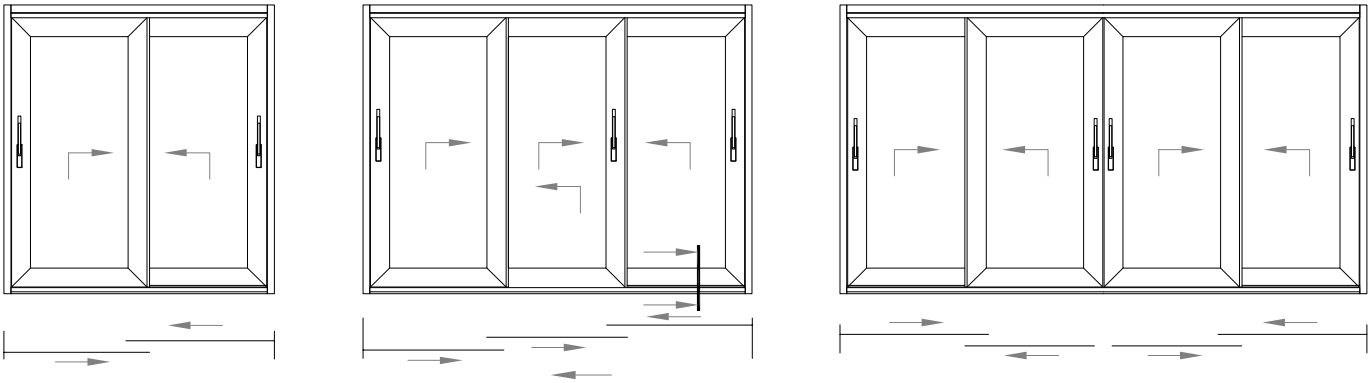
Presjek s krilom FT-1020F
Cross section with sash FT-1020F
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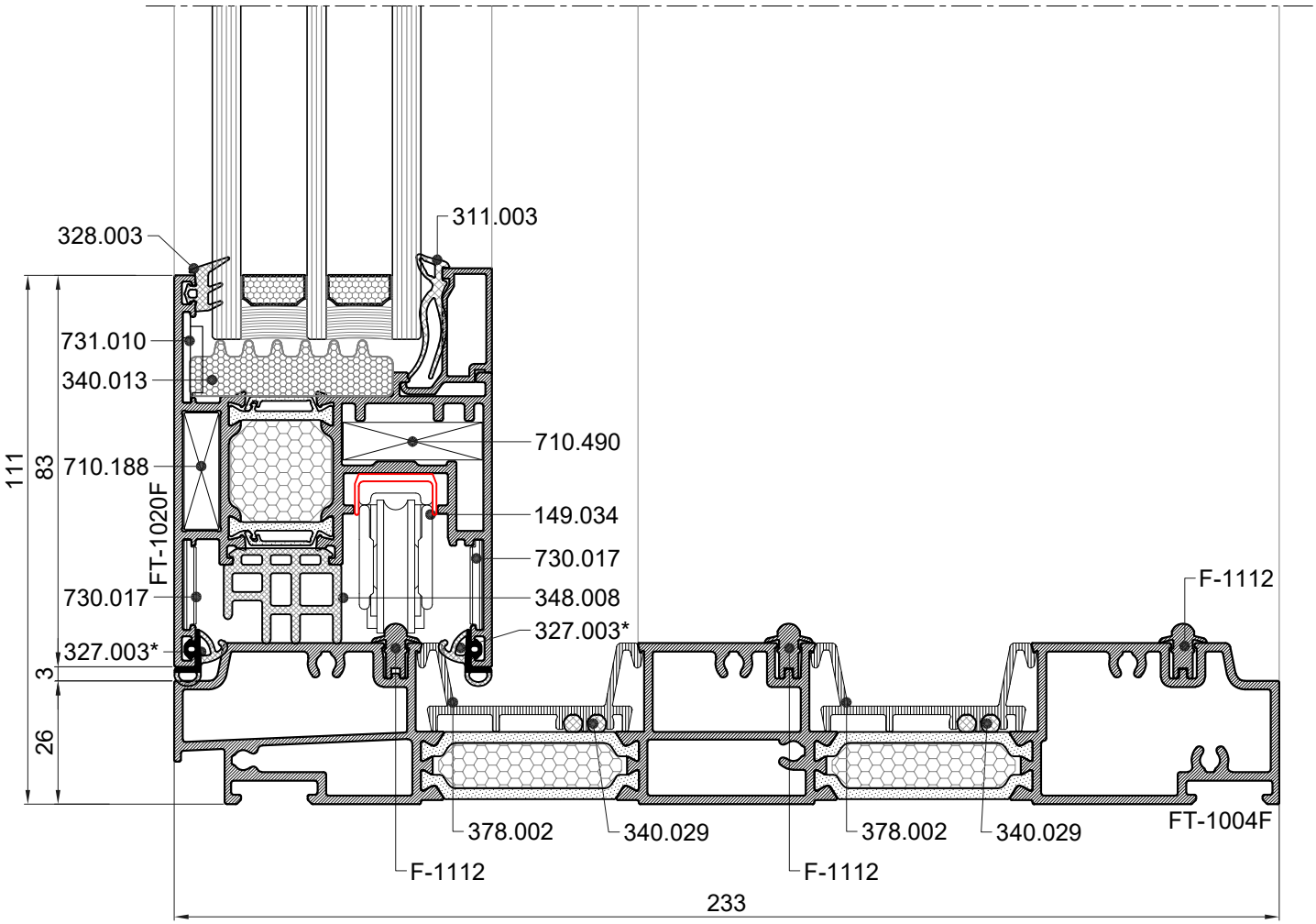


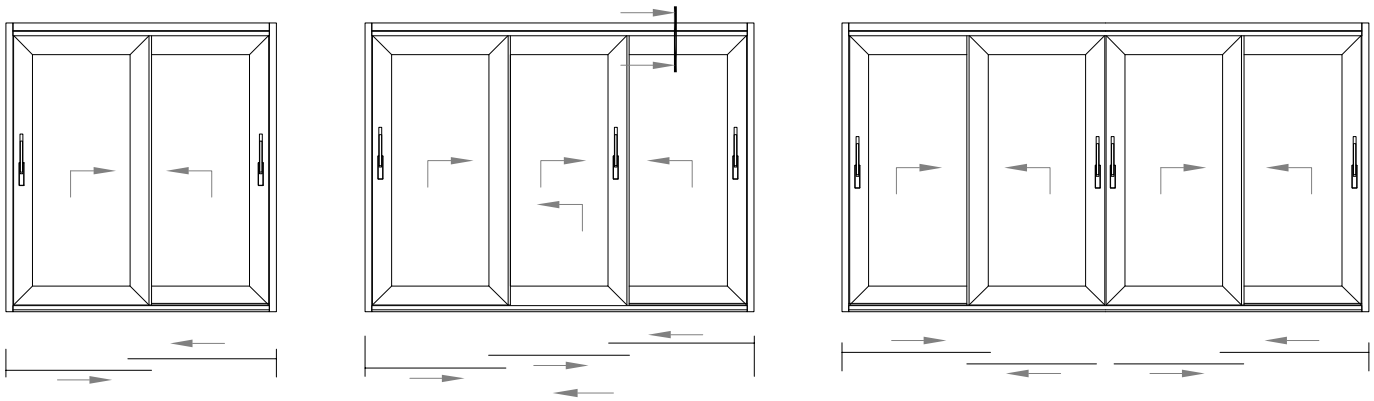
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



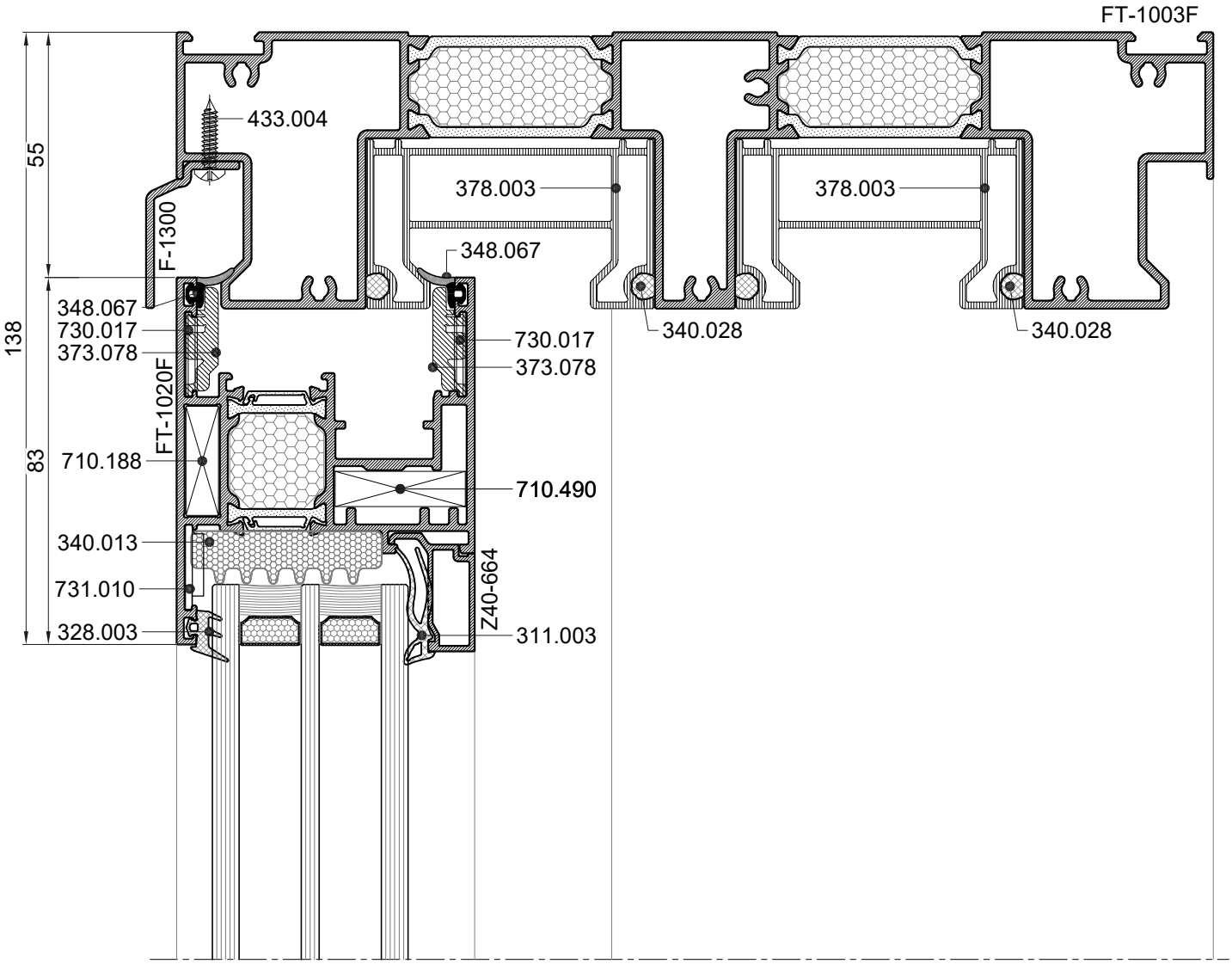


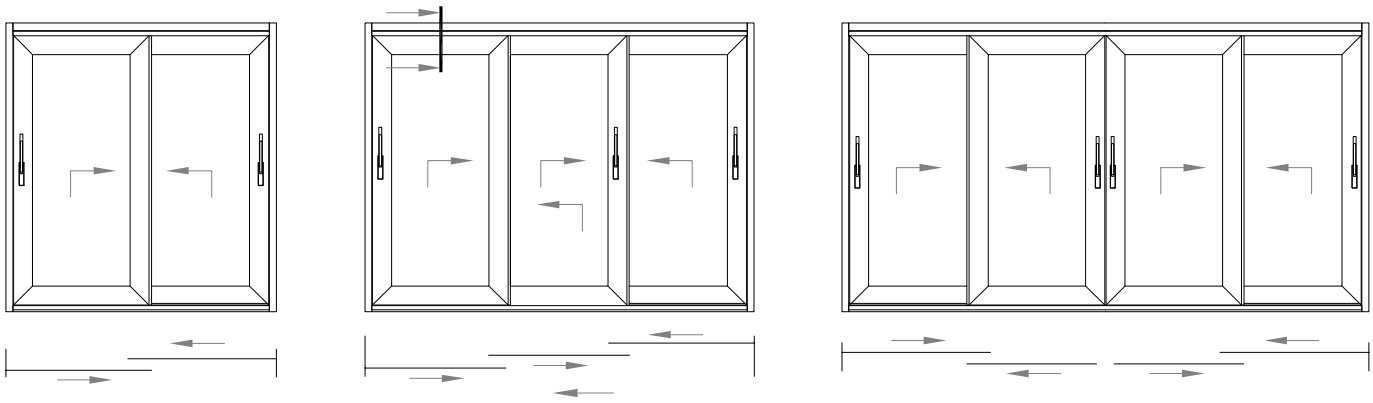
Presjek s krilom FT-1020F
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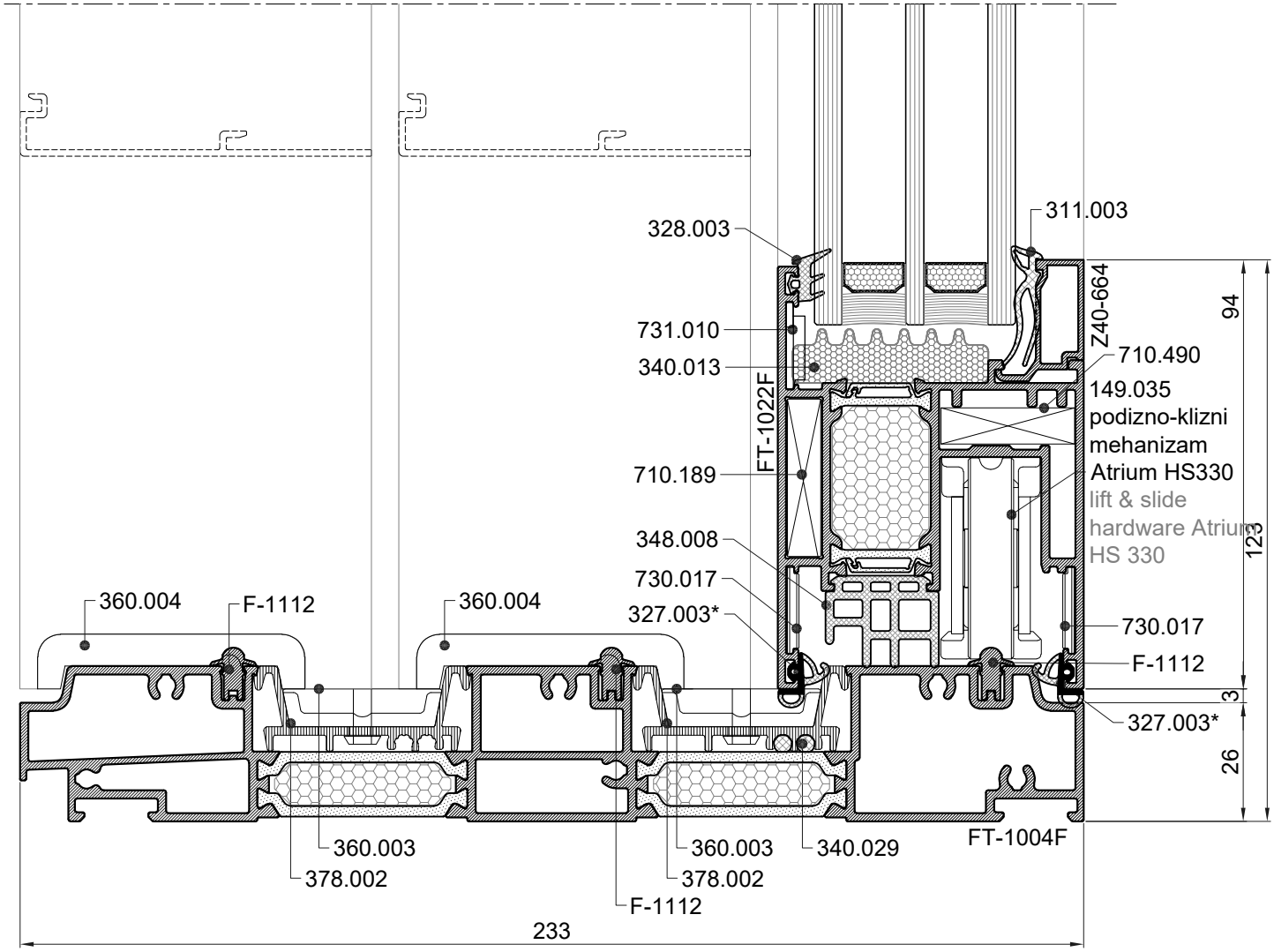


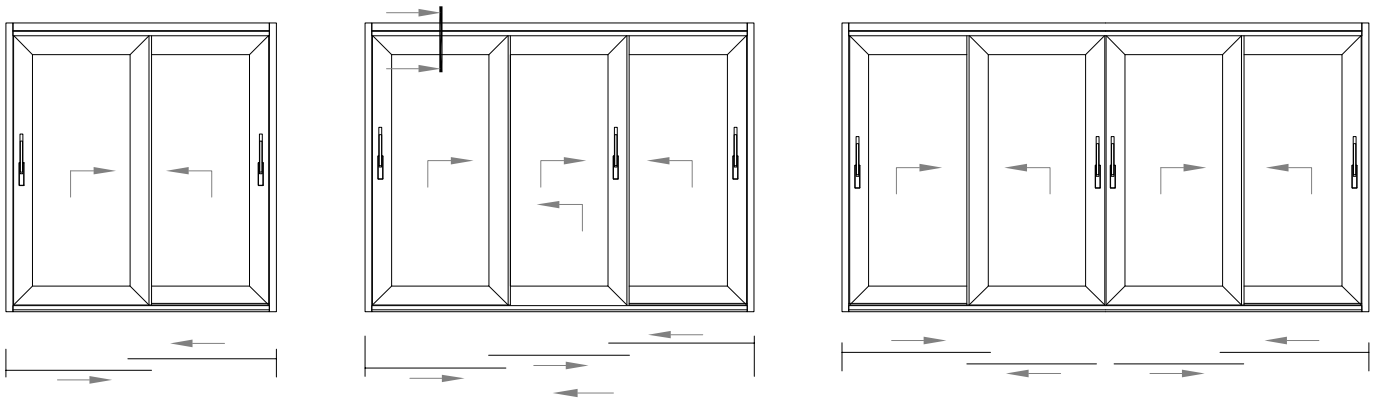
Presjek s krilom FT-1020F
Cross section with sash FT-1020F



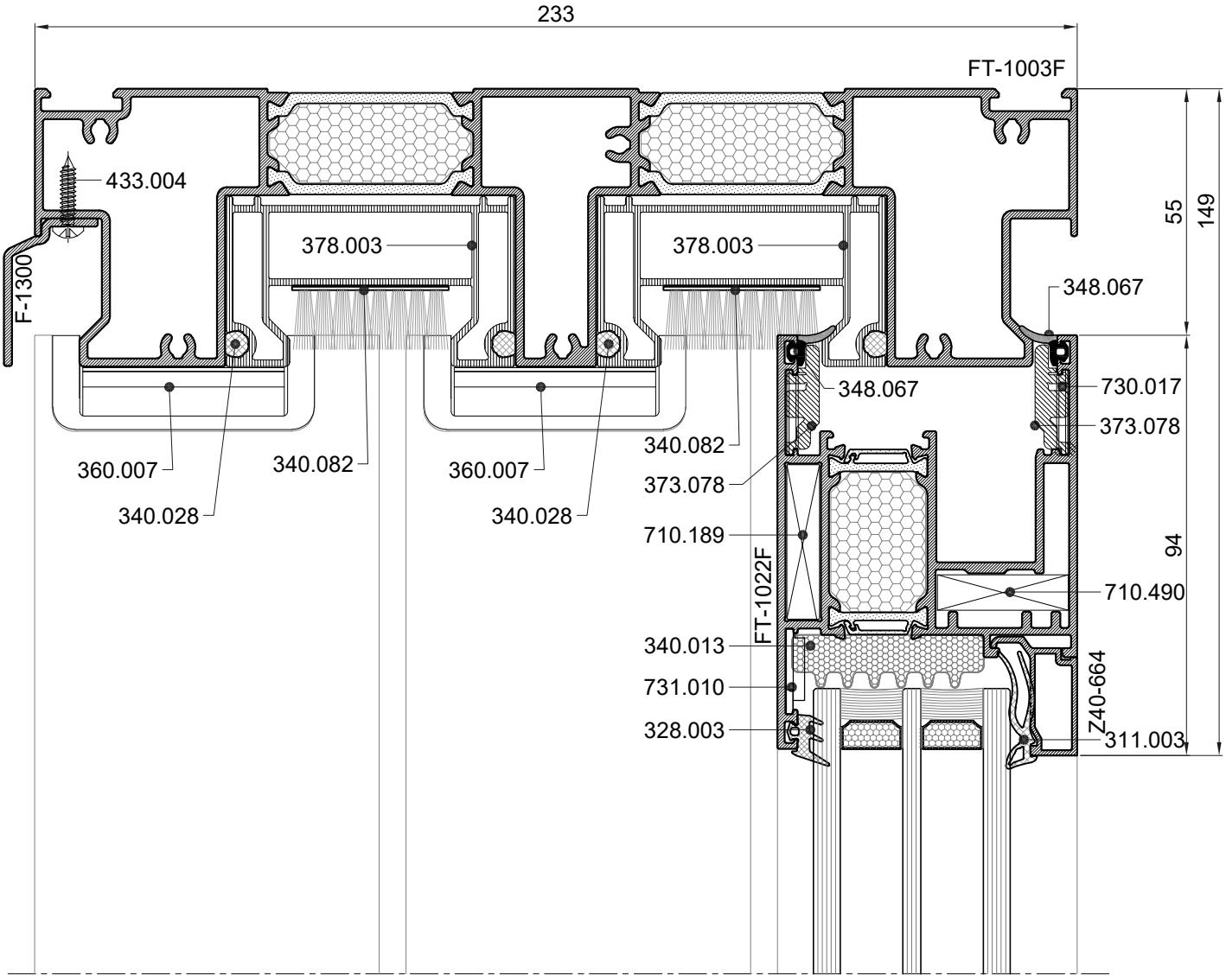


Presjek s krilom FT-1022F
Cross section with sash FT-1022F
*Mogućmost korištenja brtve 344.107
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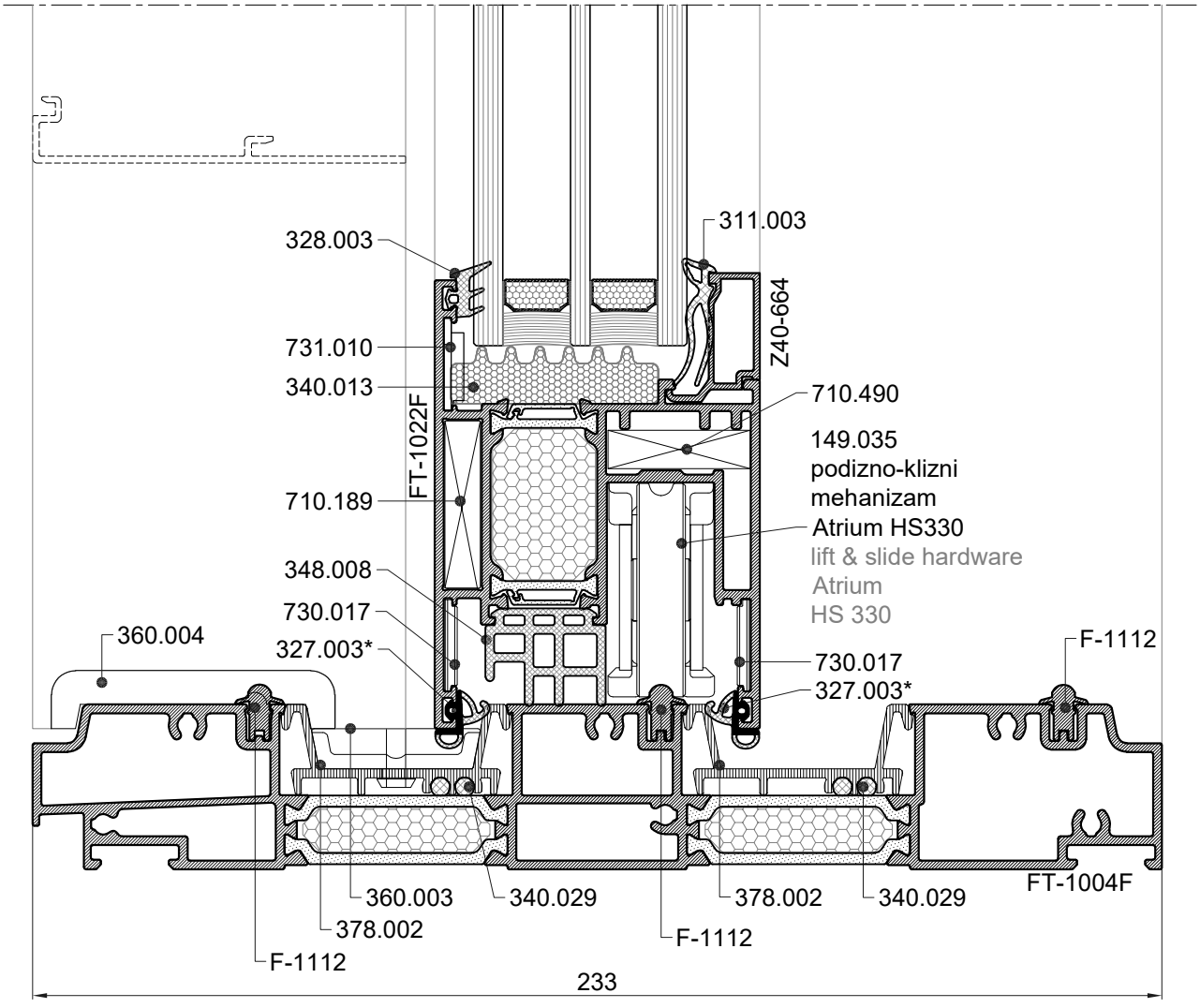


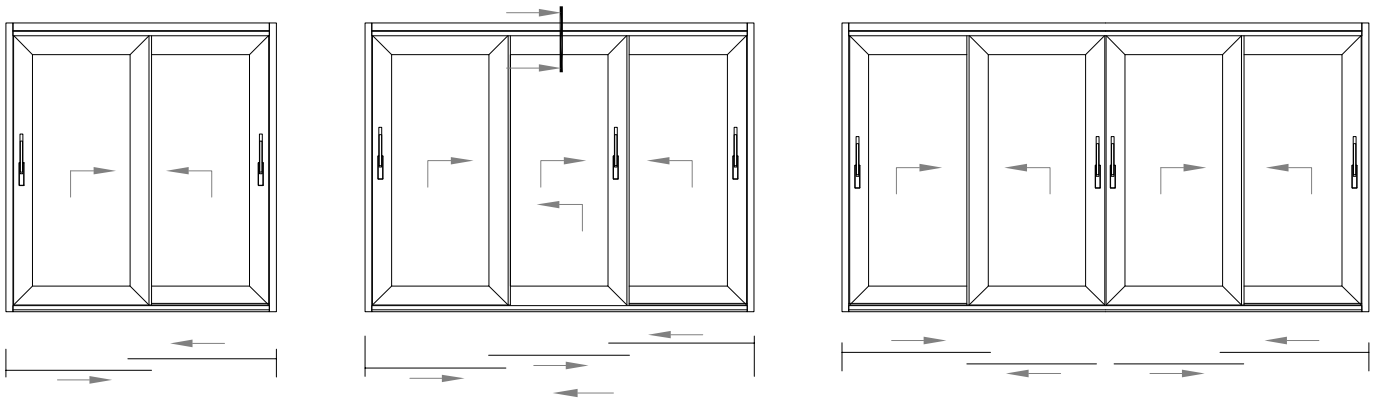
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



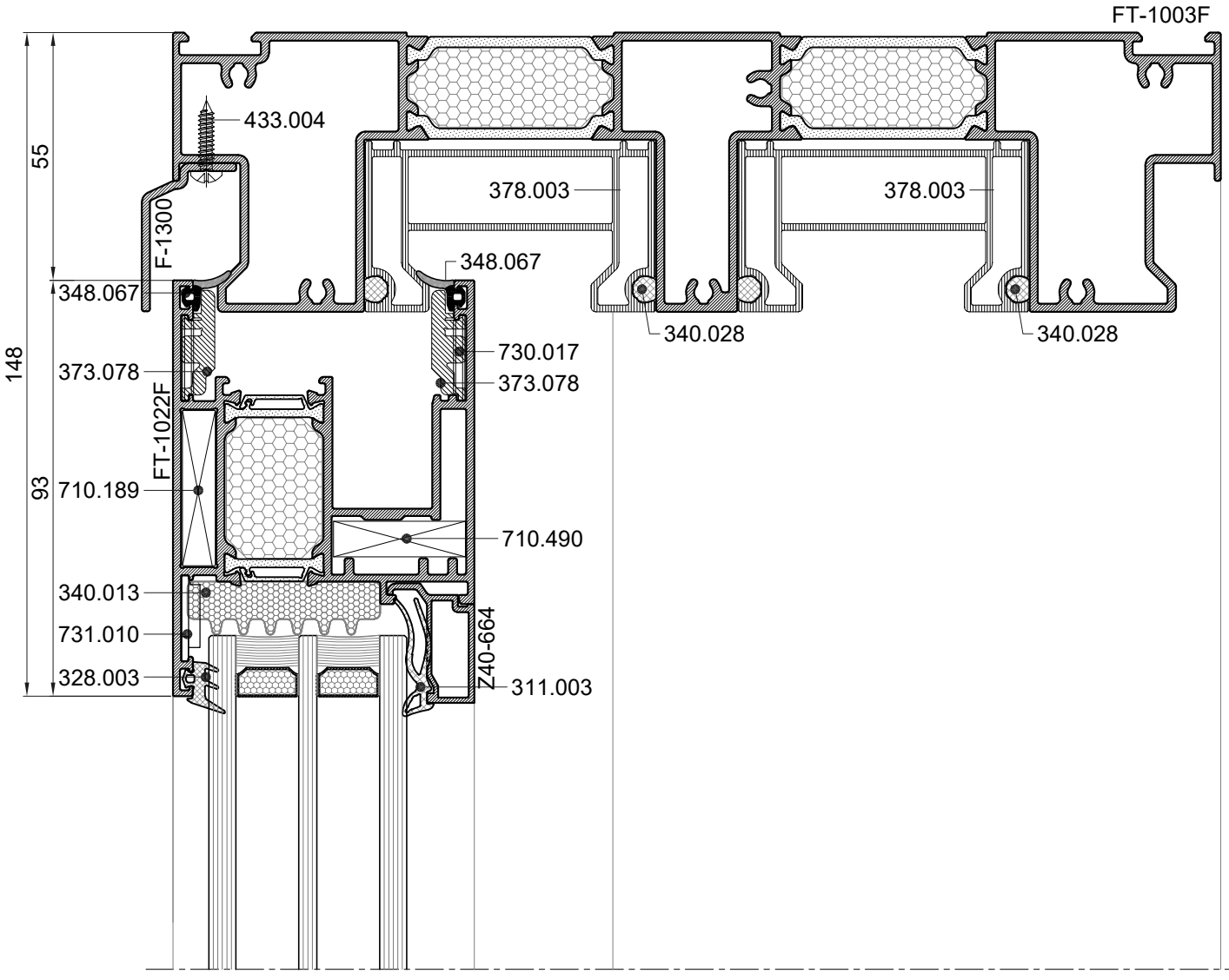


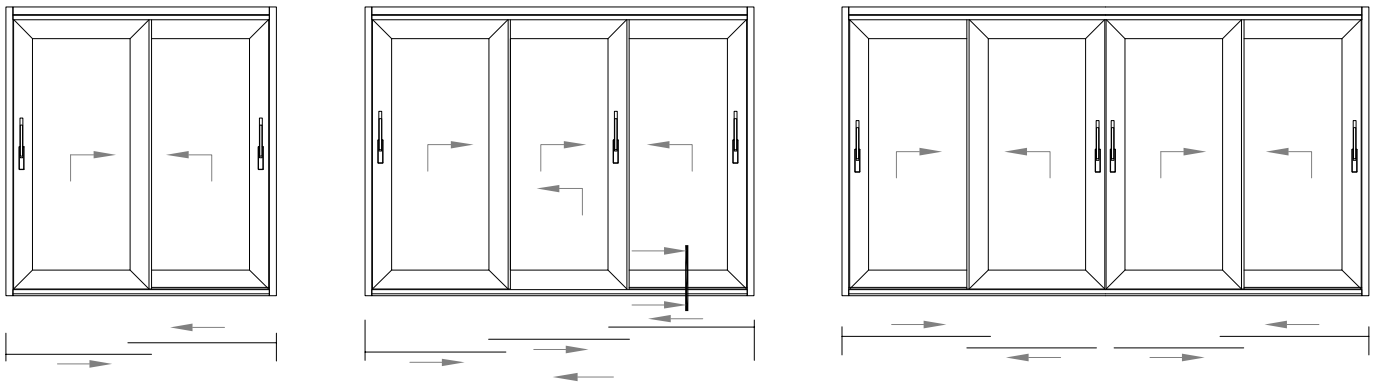
Presjek s krilom FT-1022F
Cross section with sash FT-1022F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107



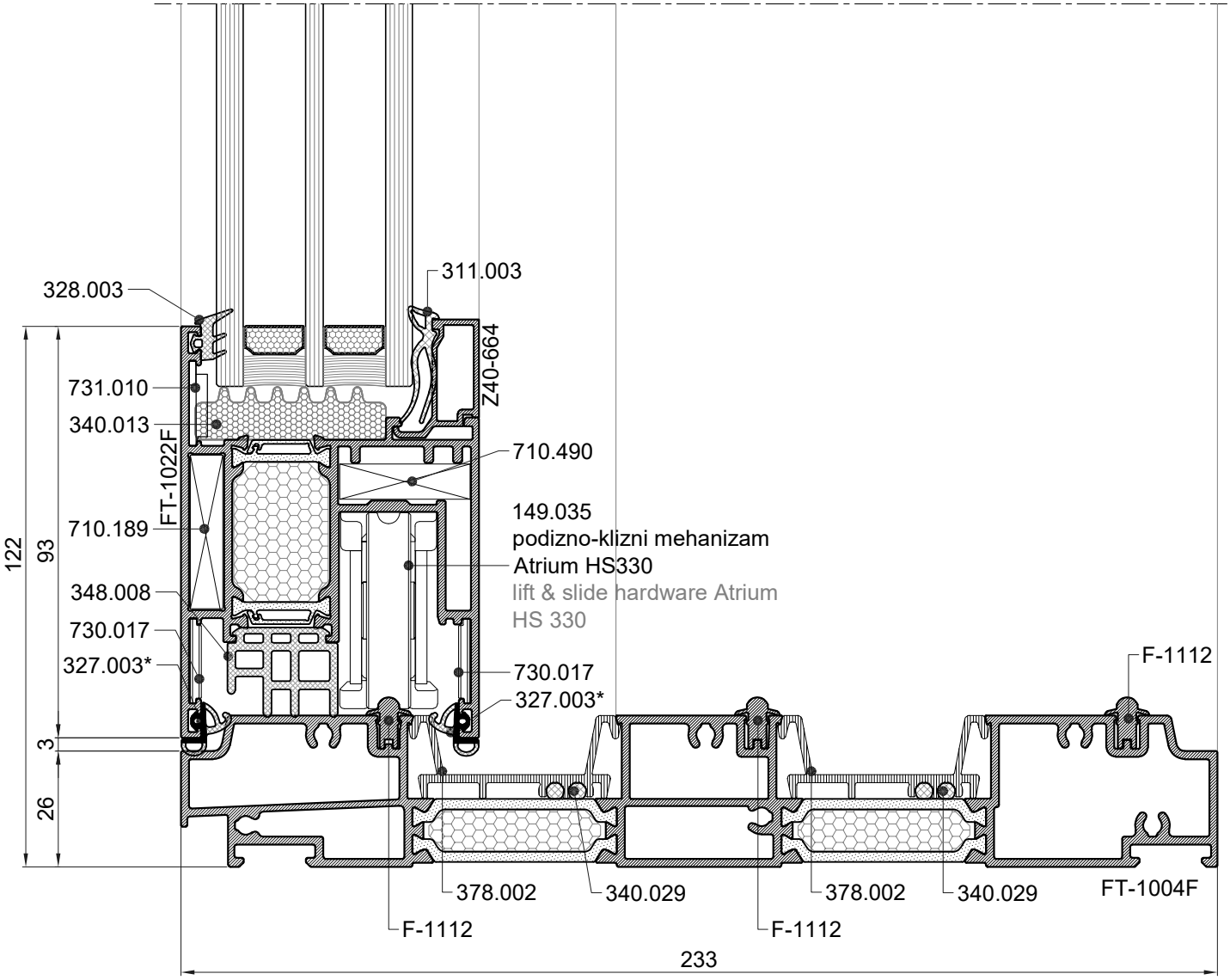


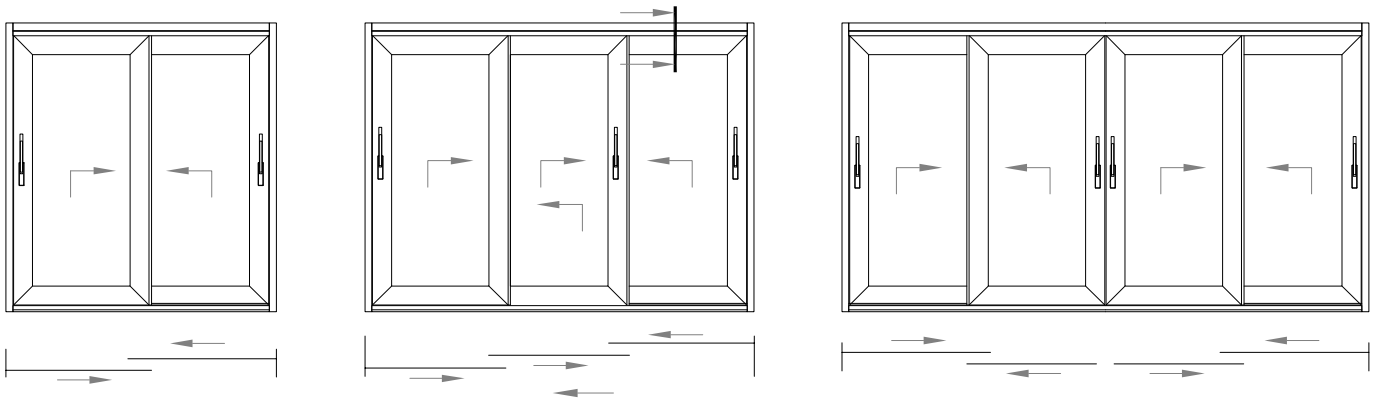
Presjek s krilom FT-1022F
Cross section with sash FT-1022F



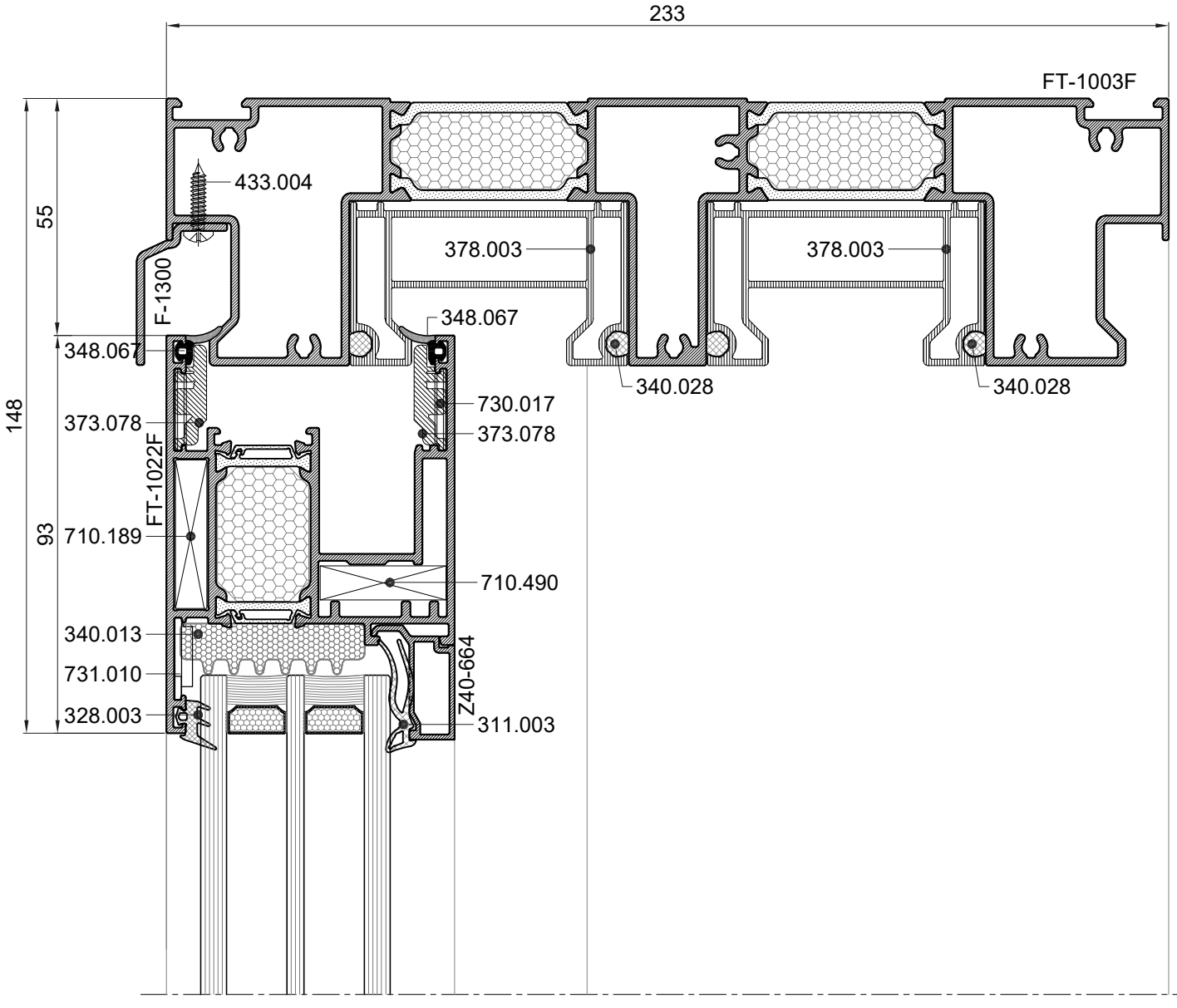


Presjek s krilom FT-1022F
Cross section with sash FT-1022F
*Mogućmost korištenja brtve 344.107
*The possibility of using a gasket 344.107

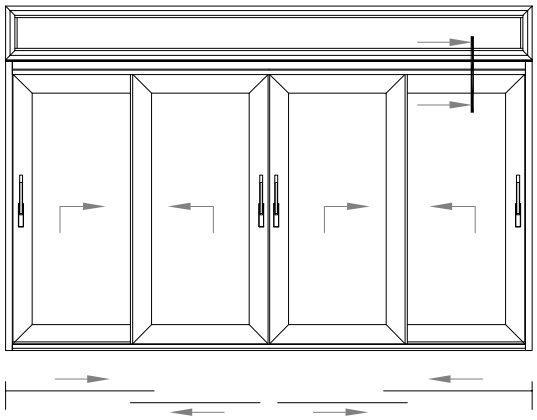




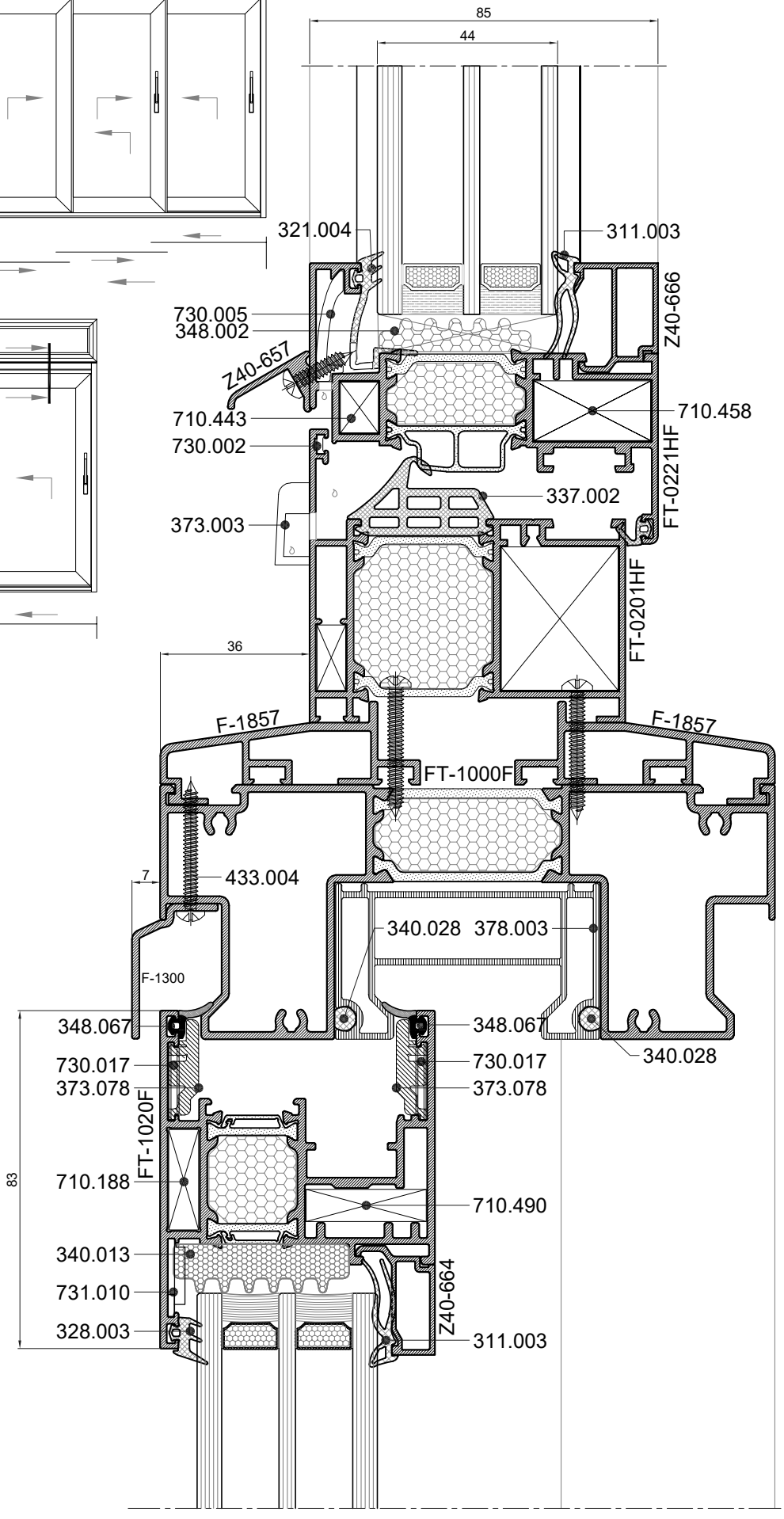
Presjek s krilom FT-1022F
Cross section with sash FT-1022F

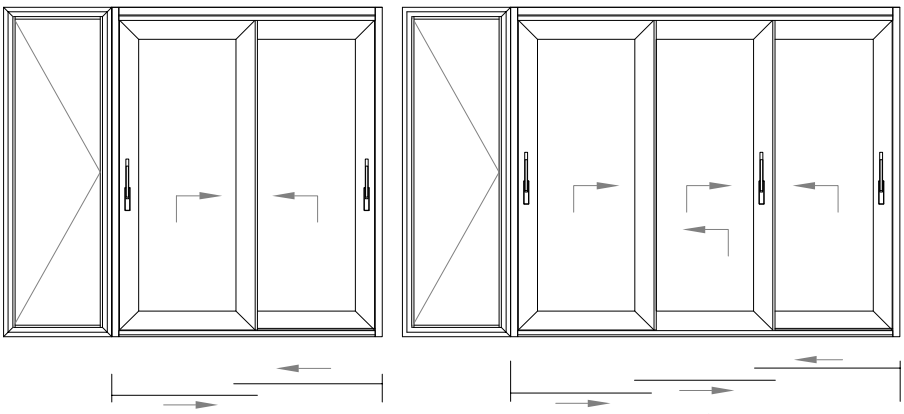


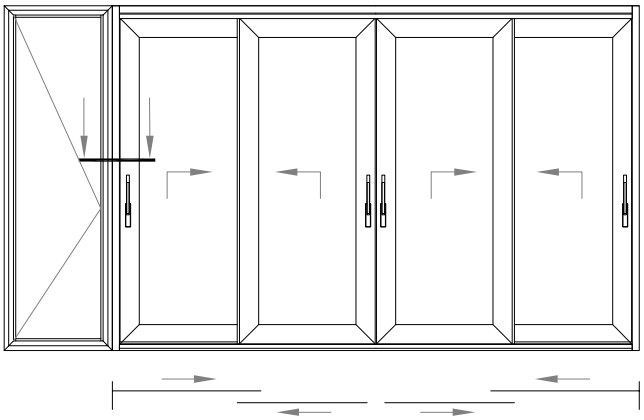




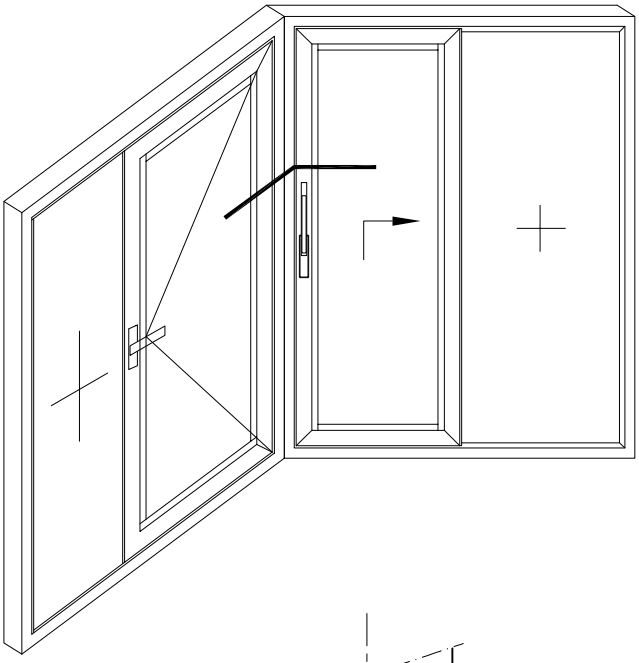
Ugradnja profila F-1857
Profil za ugradnju nadsvijetla
Installation of the profila F-1857
Profile for installation toplight window





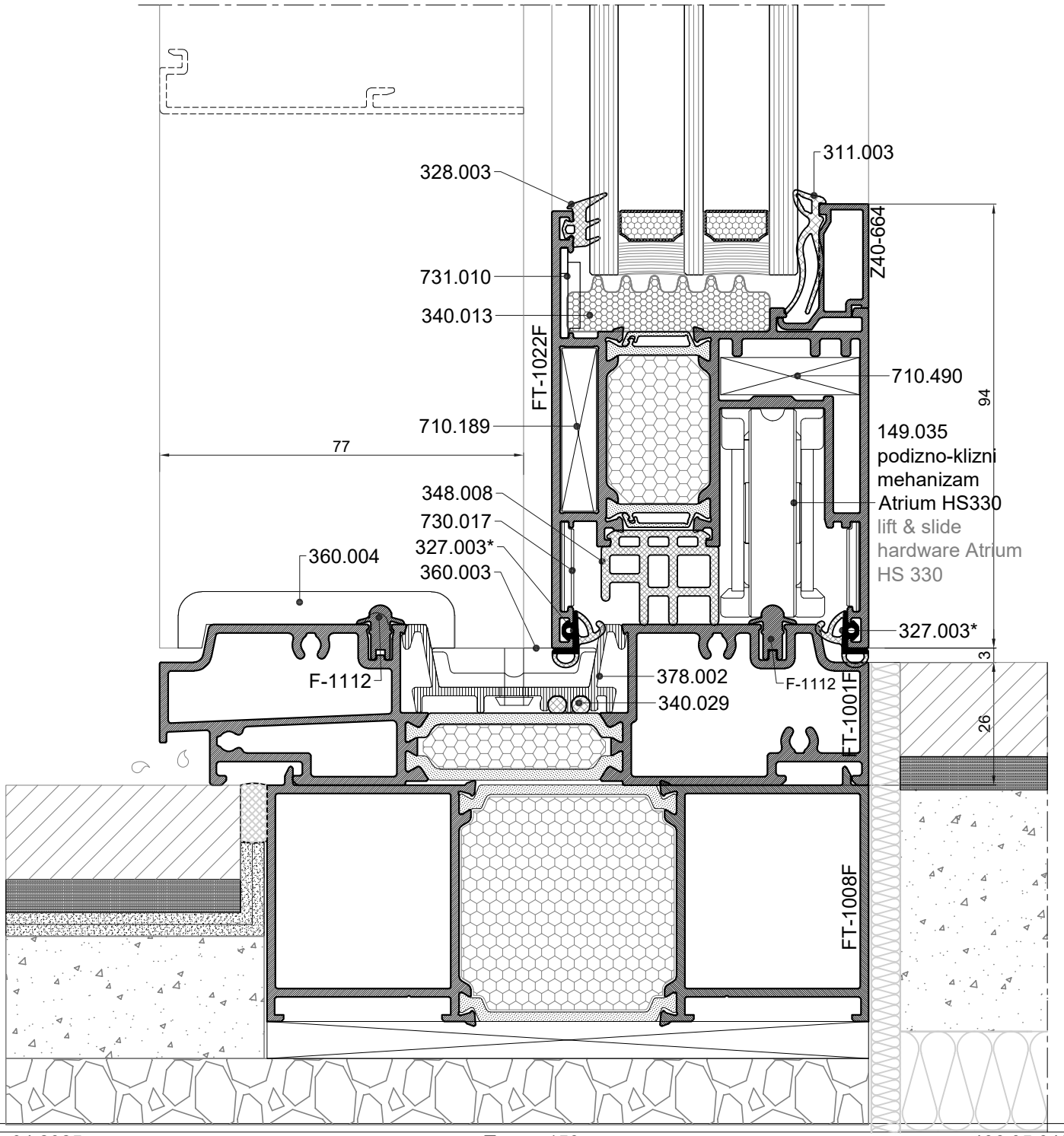


Ugradnja Termo 85
Profil za bočnu ugradnju
Installation of the Termo 85
Profile for side installation

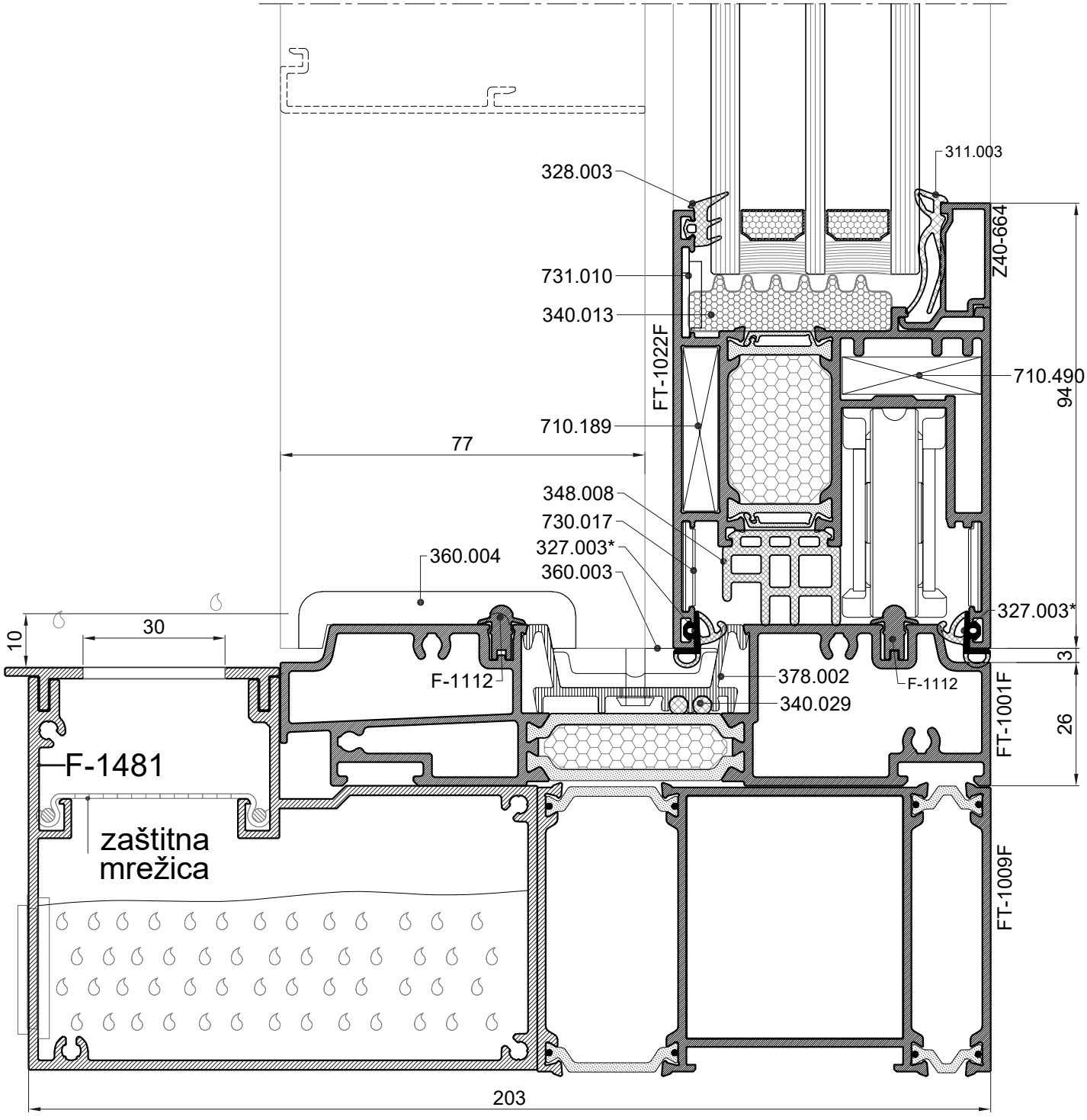


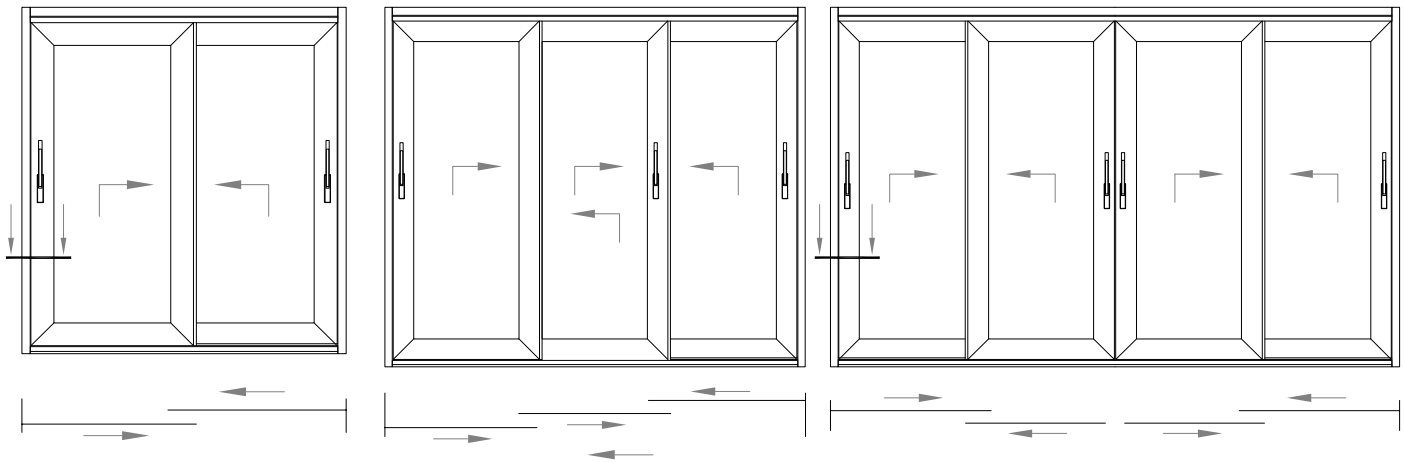
Z40-666
FT-0221HF
71.7
FT-0201HF
Termo 85
F-1428
149.81
35
F-1907
70

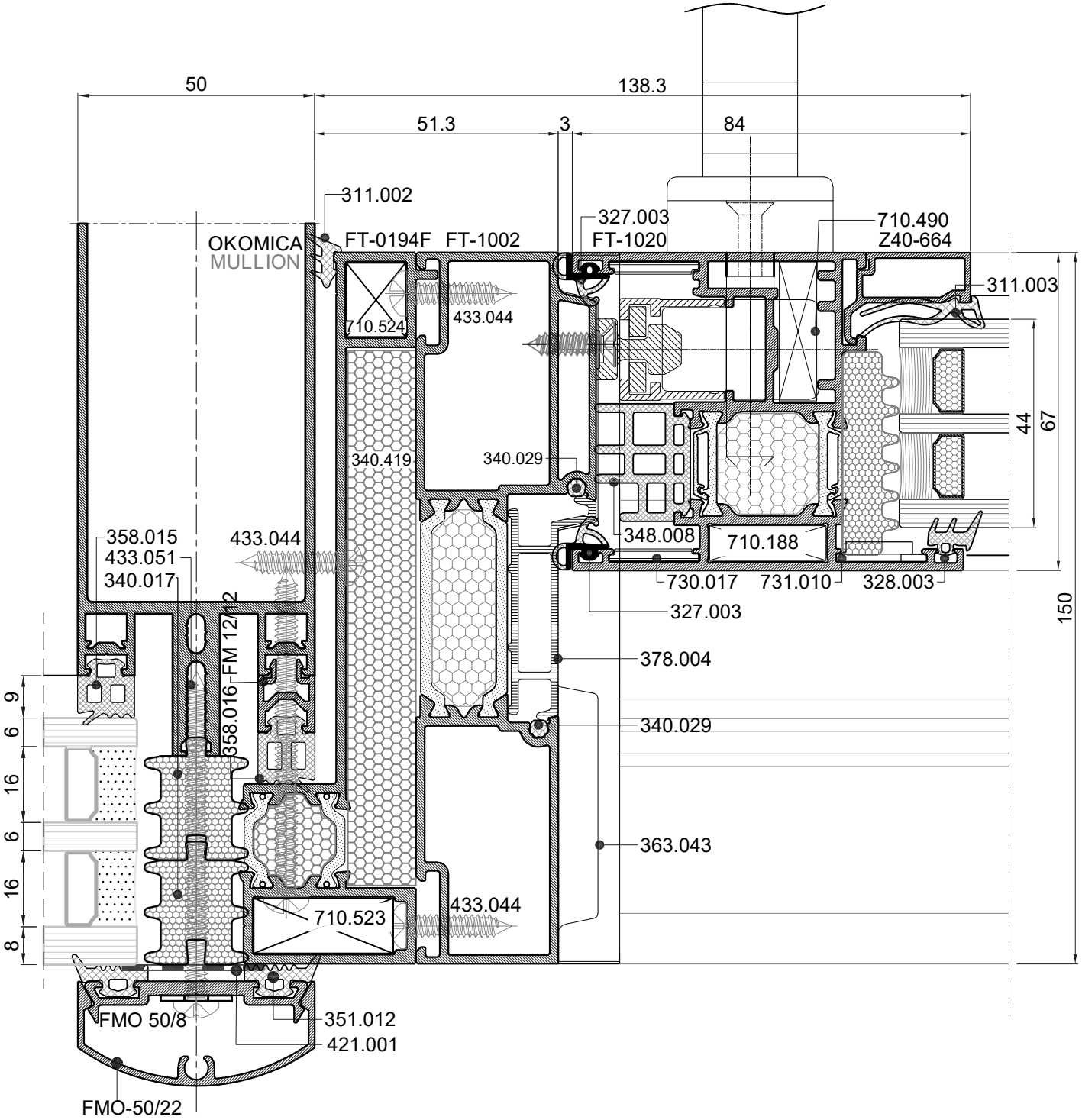


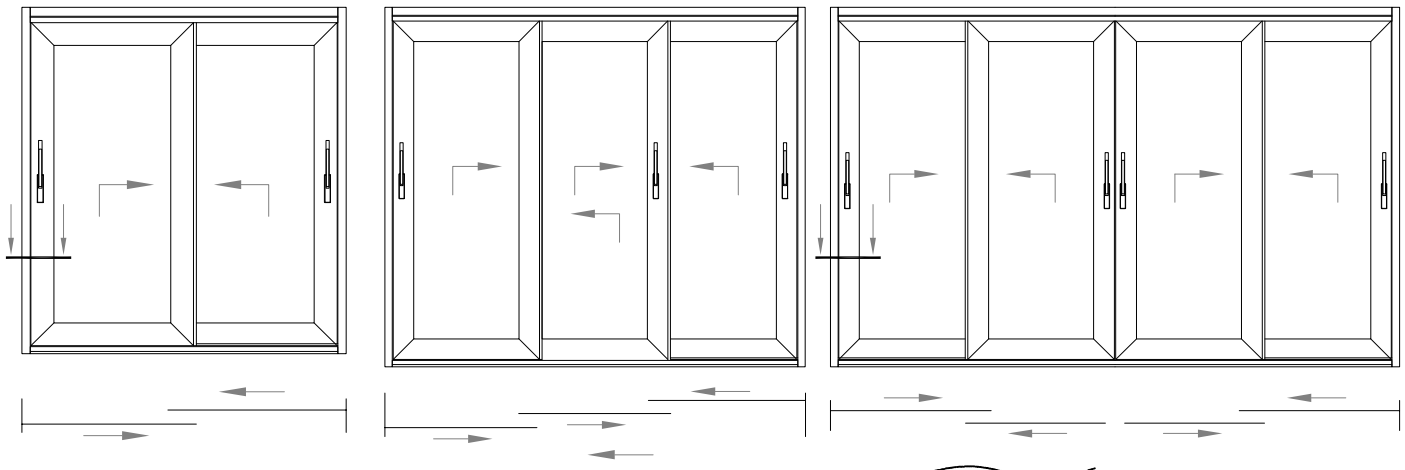

328.003
311.003
Z40-664
731.010
340.013
FT-1022F
710.490
94
710.189
77
149.035
podizno-klizni
mehanizam
Atrium HS330
lift & slide
hardware Atrium
HS 330
348.008
730.017
327.003*
360.003
360.004
327.003*
3
F-1112
378.002
340.029
F-1112
FT-1001F
26
FT-1008F

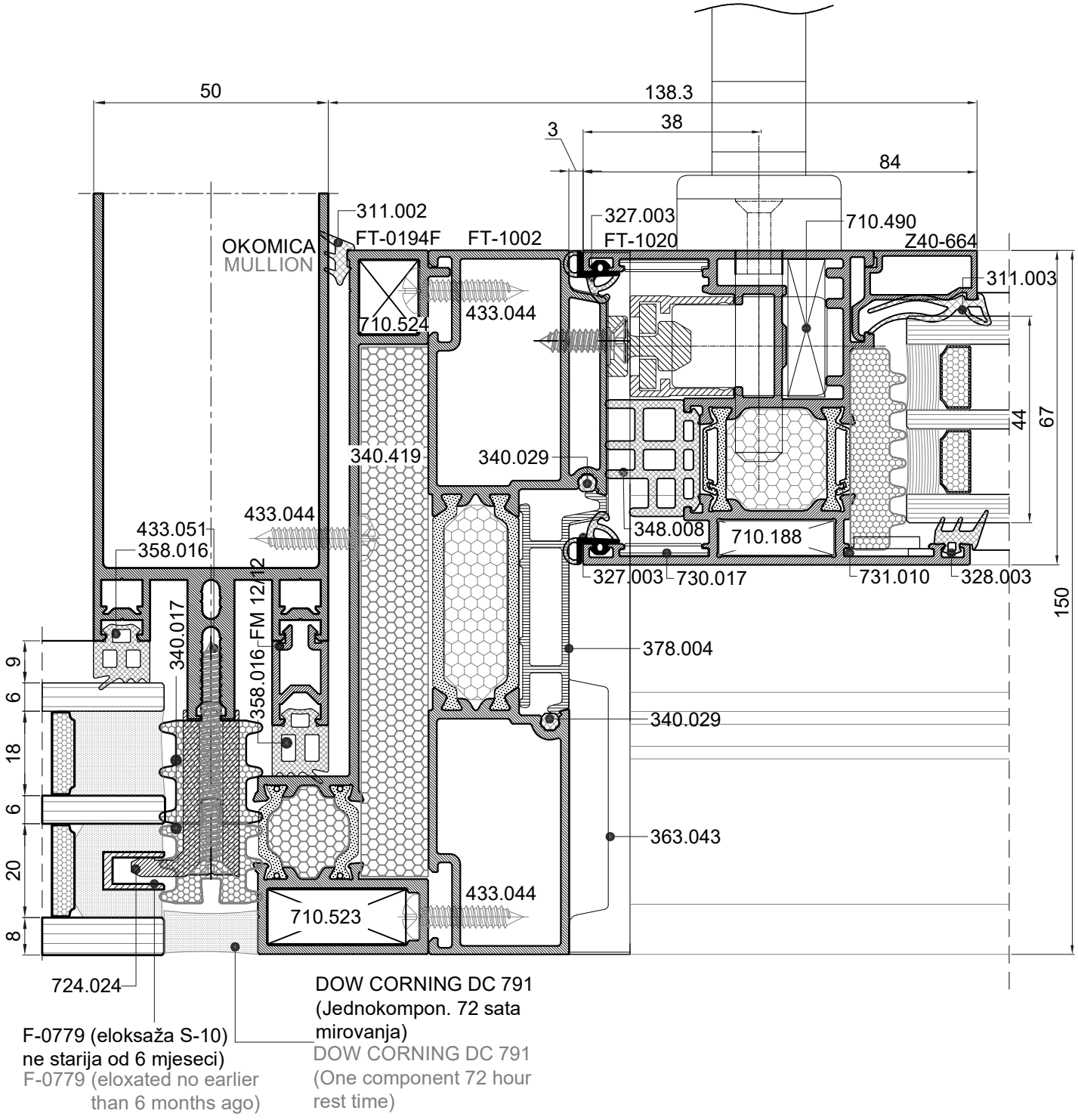


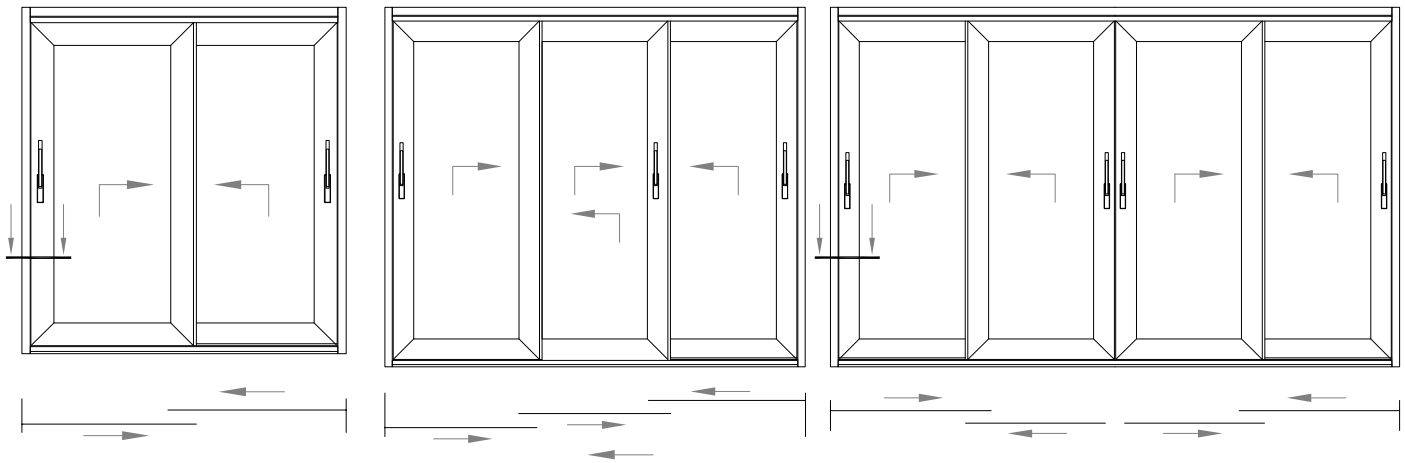

328.003
311.003
Z40-664
731.010
340.013
FT-1022F
710.490
94
710.189
77
348.008
730.017
327.003*
360.003
360.004
327.003*
3
10
30
F-1112
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zaštitna
mrežica
FT-1009F
203

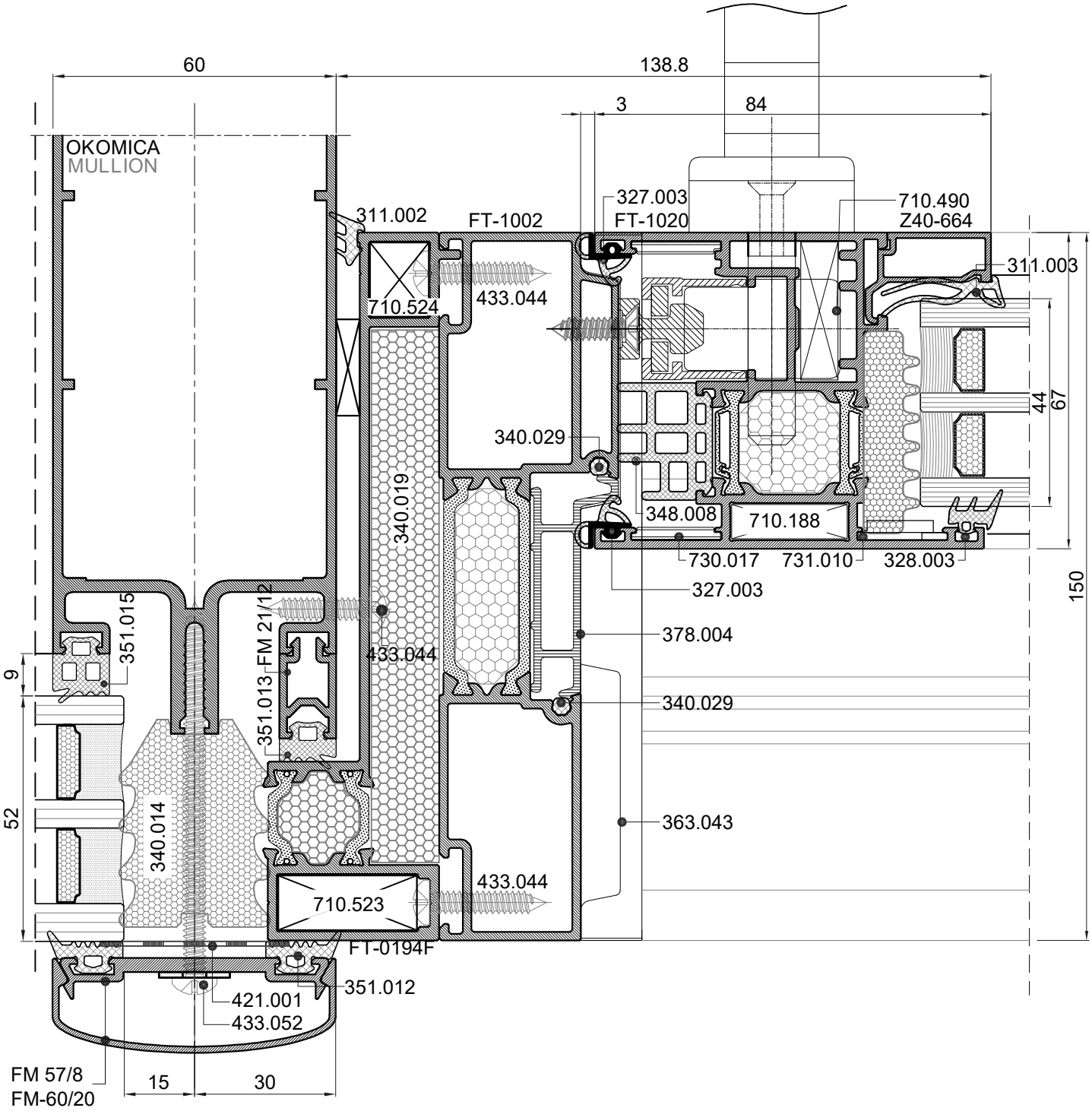


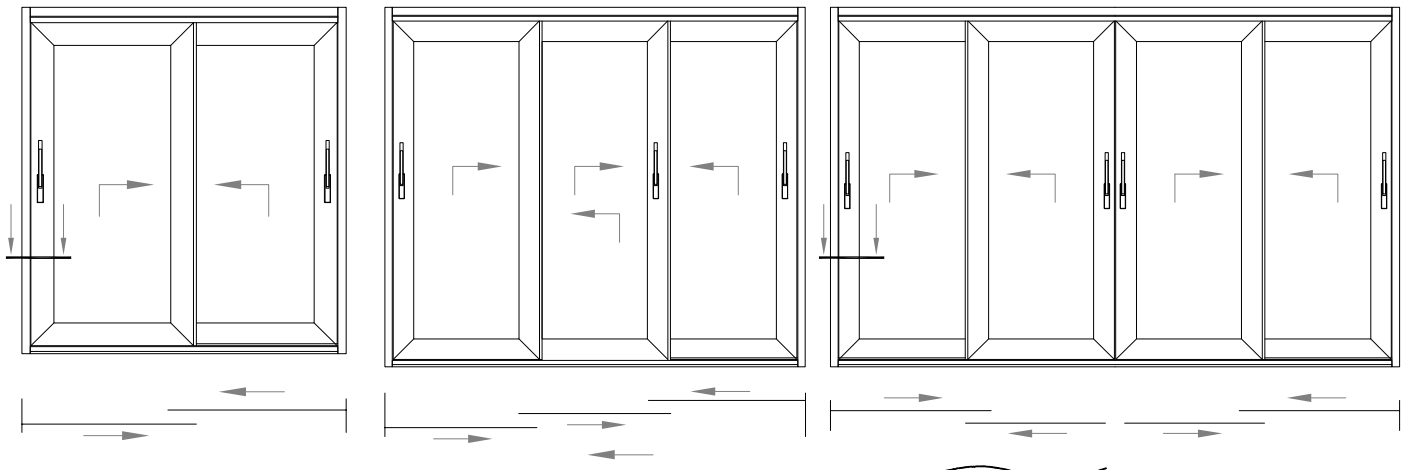

50
138.3
51.3
3
84
311.002
OKOMICA
MULLION
FT-0194F
FT-1002
327.003
FT-1020
710.490
Z40-664
311.003
710.524
433.044
340.419
340.029
44
67
150
358.015
433.051
340.017
433.044
348.008
710.188
730.017
731.010
328.003
327.003
FM 12/12
358.016
378.004
340.029
363.043
9
6
16
6
16
8
710.523
433.044
FMO 50/8
351.012
421.001
FMO-50/22

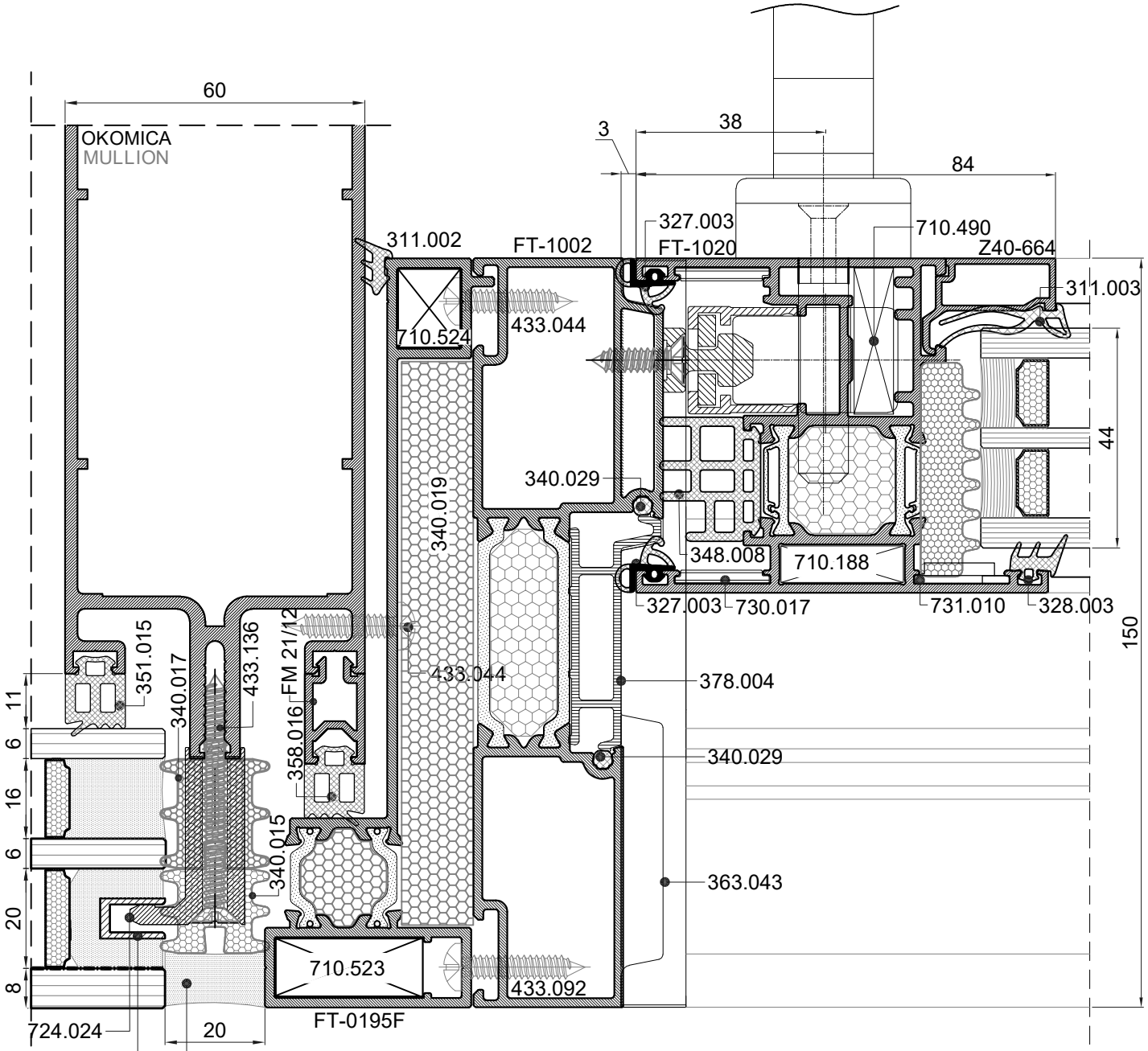



50
138.3
3
38
84
311.002
FT-0194F
FT-1002
OKOMICA
MULLION
327.003
FT-1020
710.490
Z40-664
311.003
710.524
433.044
340.419
340.029
433.044
433.051
358.016
348.008
710.188
327.003
730.017
731.010
328.003
44
67
150
340.017
358.016
FM 12
9
6
18
6
20
8
378.004
340.029
363.043
433.044
710.523
724.024
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOW CORNING DC 791
(Jednokompon. 72 sata
mirovanja)
DOW CORNING DC 791
(One component 72 hour
rest time)




60
138.8
3
84
OKOMICA
MULLION
311.002
FT-1002
327.003
FT-1020
710.490
Z40-664
311.003
710.524
433.044
340.029
340.019
348.008
710.188
730.017
731.010
328.003
327.003
378.004
340.029
363.043
433.044
710.523
FT-0194F
351.012
421.001
433.052
FM 57/8
FM-60/20
15
30
351.015
FM 21/12
351.013
340.014
433.044
9
52
44
67
150



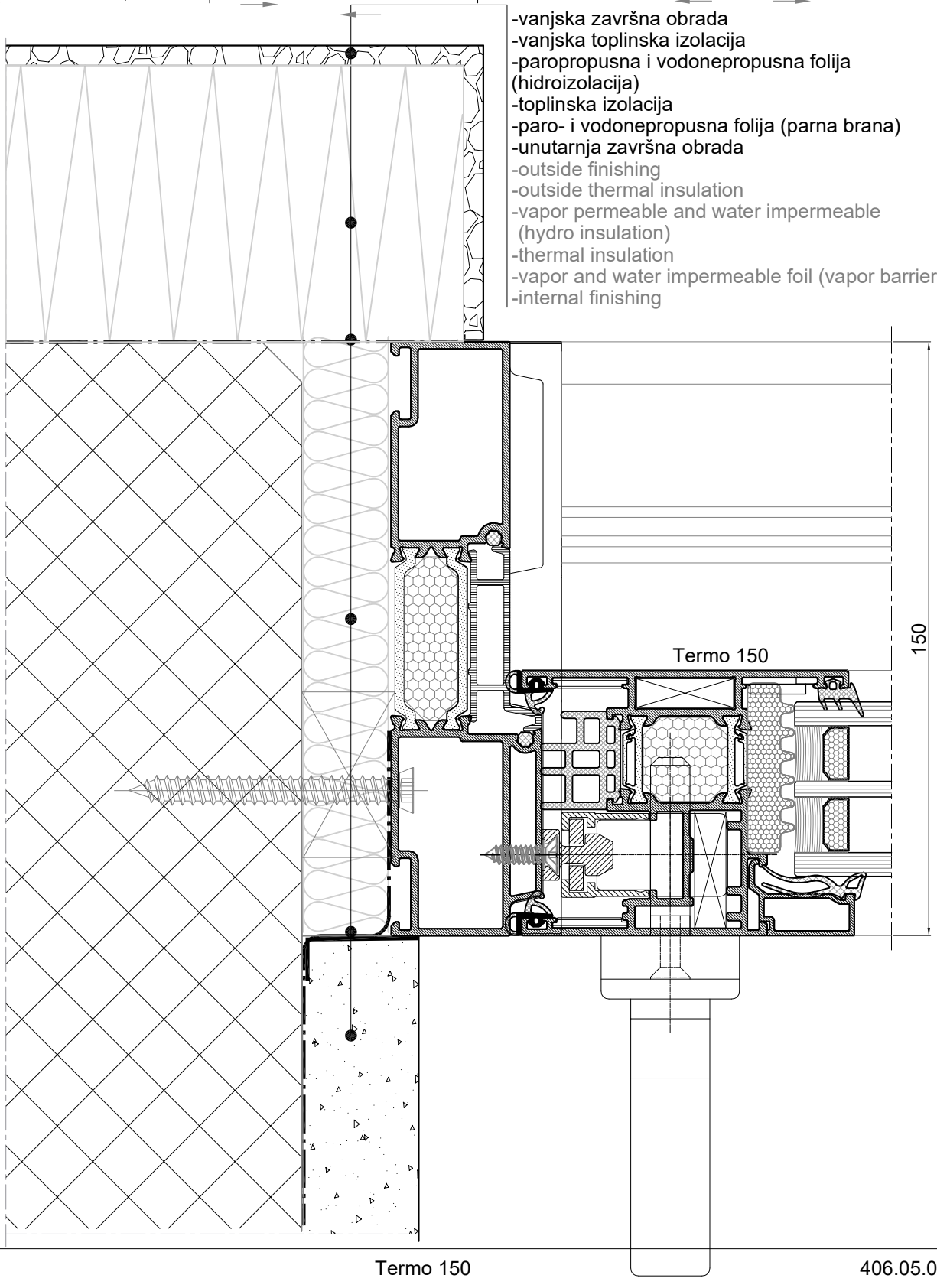


DOW CORNING DC 791 (Jednokomponentni 72 sata mirovanja)
DOW CORNING DC 791 (One component 72 hours rest time)

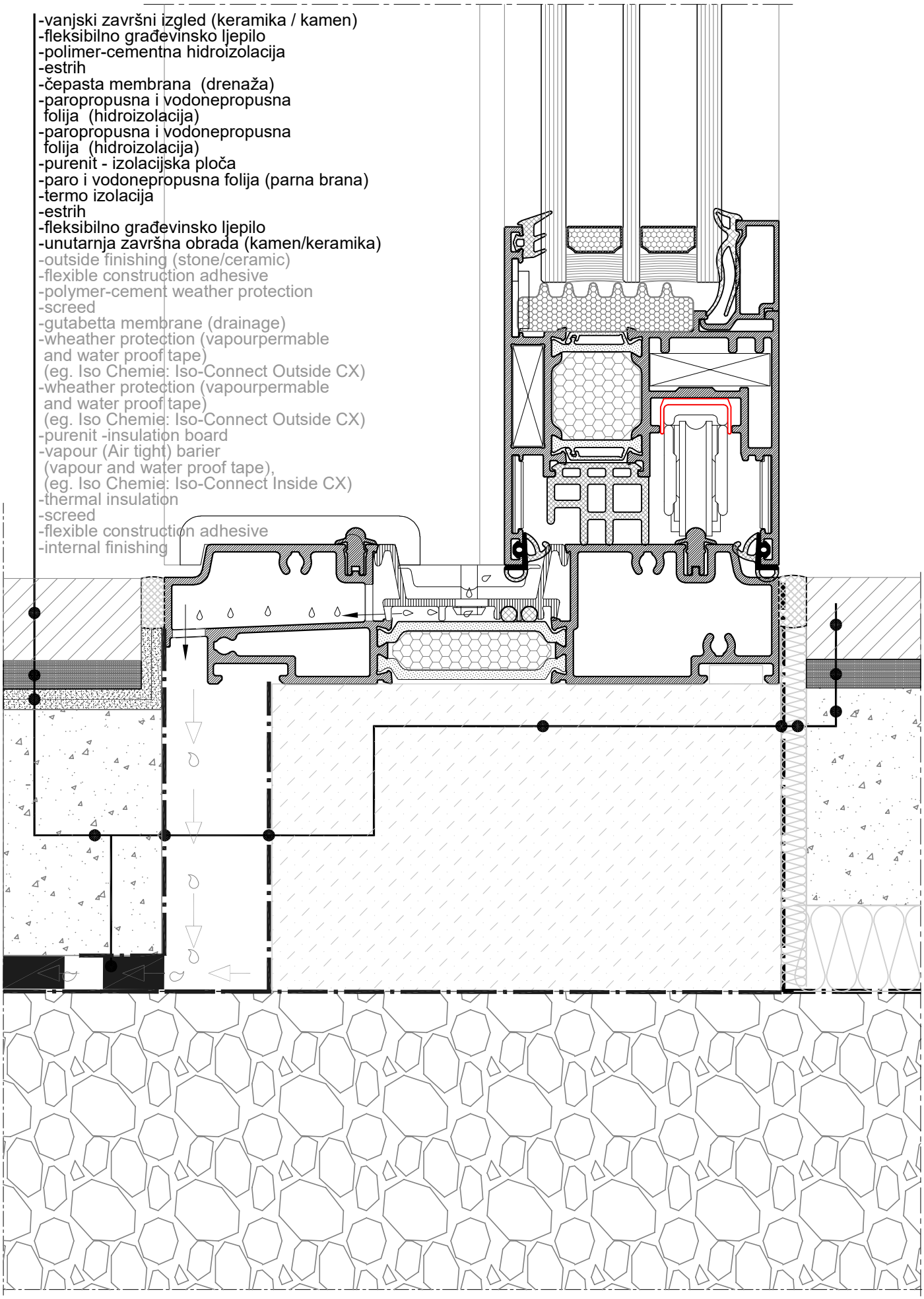
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (eloxated in S-10 no earlier than 6 months ago)

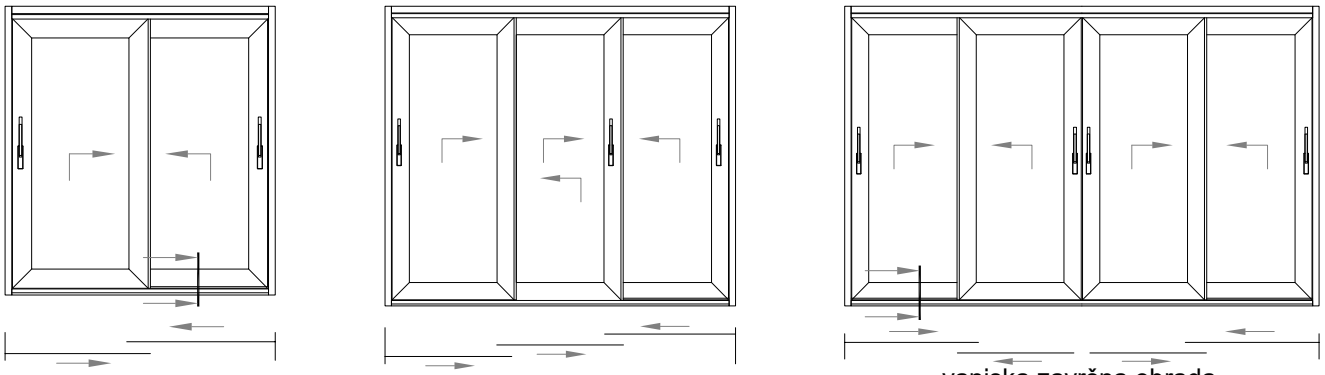


-vanjska završna obrada
-vanjska toplinska izolacija
-paropropusna i vodonepropusna folija (hidroizolacija)
-toplinska izolacija
-paro- i vodonepropusna folija (parna brana)
-unutarnja završna obrada
-outside finishing
-outside thermal insulation
-vapor permeable and water impermeable (hydro insulation)
-thermal insulation
-vapor and water impermeable foil (vapor barrier)
-internal finishing

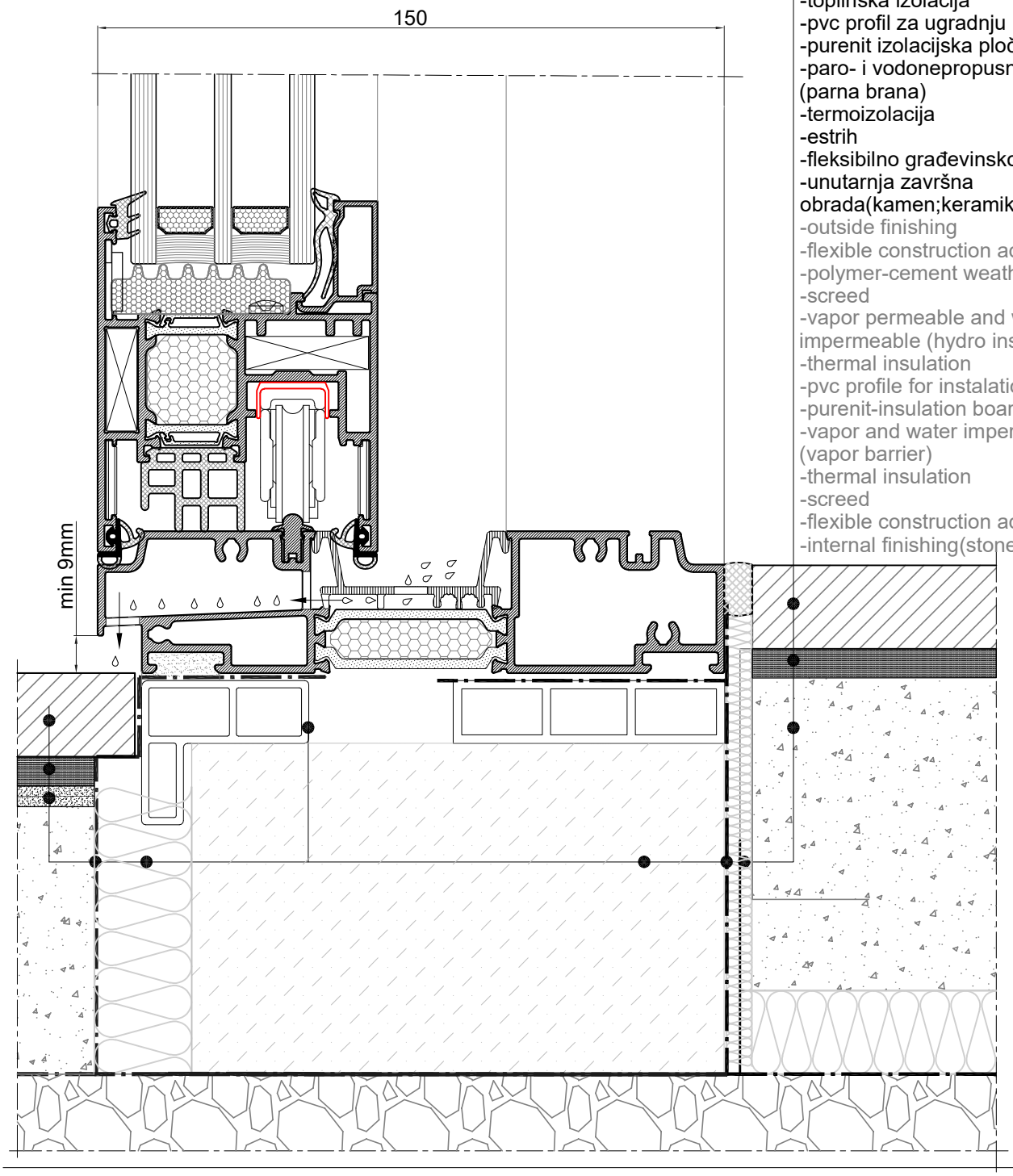


-vanjski završni izgled (keramika / kamen)
-fleksibilno građevinsko ljepilo
-polimer-cementna hidroizolacija
-estrih
-čepasta membrana (drenaža)
-paropropusna i vodonepropusna folija (hidroizolacija)
-paropropusna i vodonepropusna folija (hidroizolacija)
-purenit - izolacijska ploča
-paro i vodonepropusna folija (parna brana)
-termo izolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnja završna obrada (kamen/keramika)
-outside finishing (stone/ceramic)
-flexible construction adhesive
-polymer-cement weather protection
-screed
-gutabetta membrane (drainage)
-wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
-wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
-purenit -insulation board
-vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing

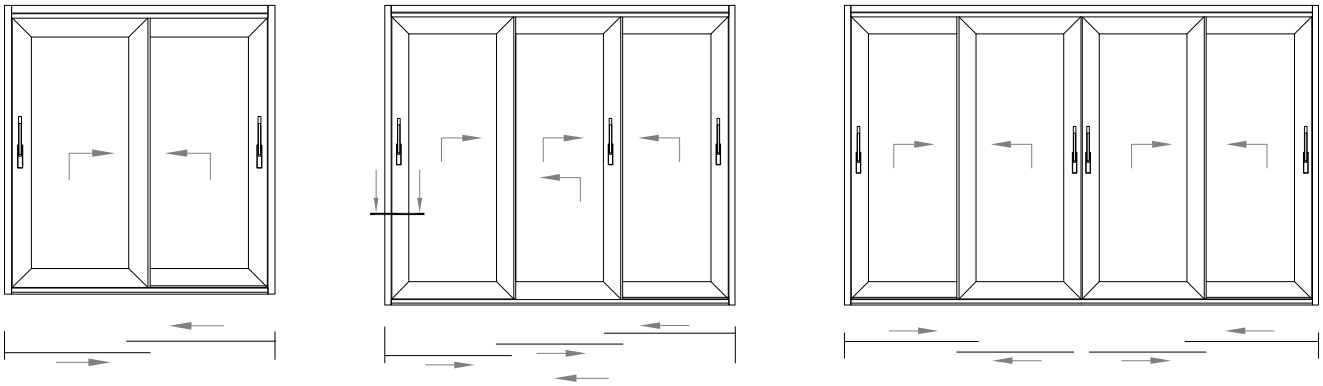




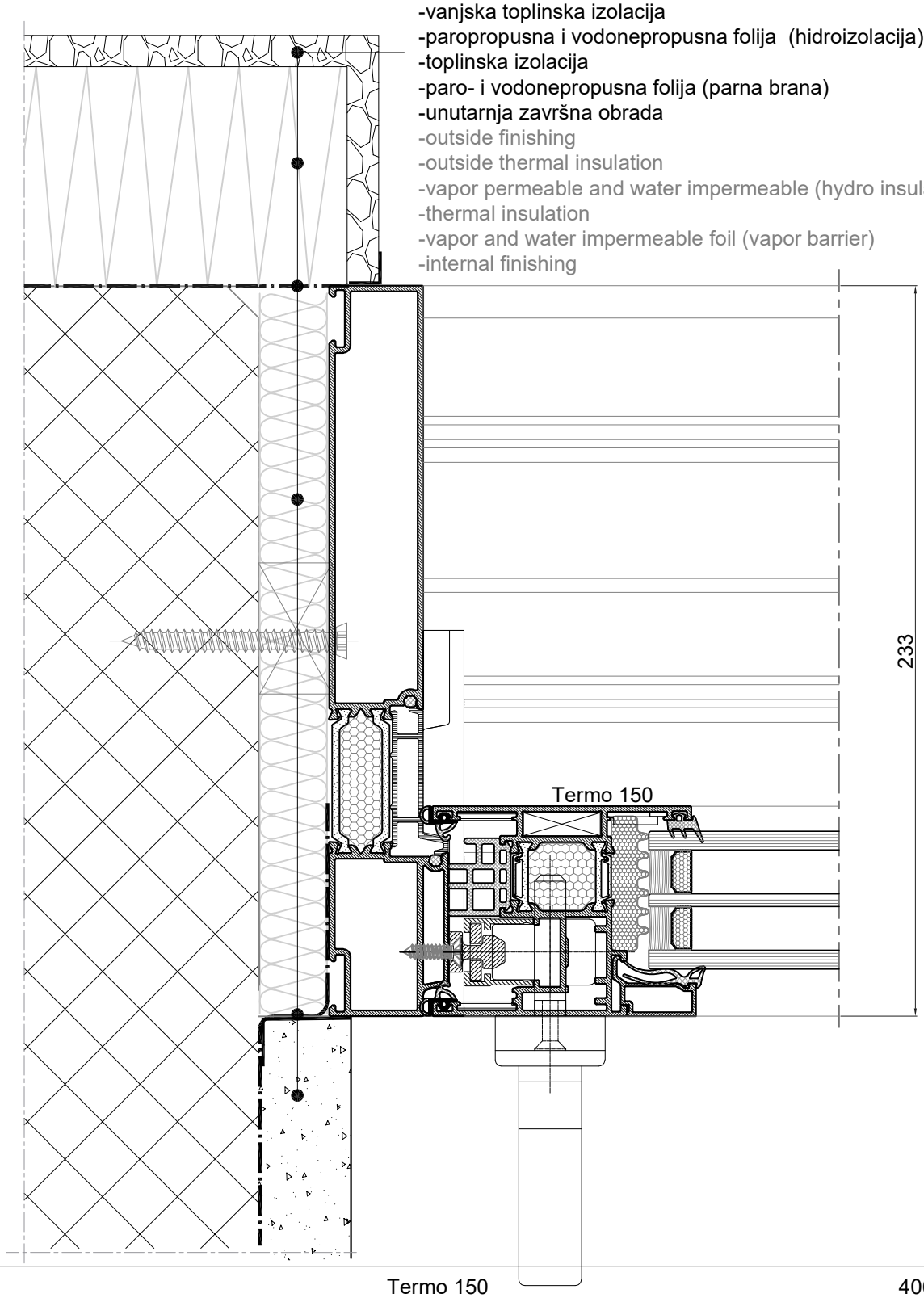
NAPOMENA: Ovakav način montaže primjenjiv je za pozicije koje nisu izložene direktnom udaru vjetra i vode
This mounting method is applicable for positions that are not exposed direct impact of wind and water

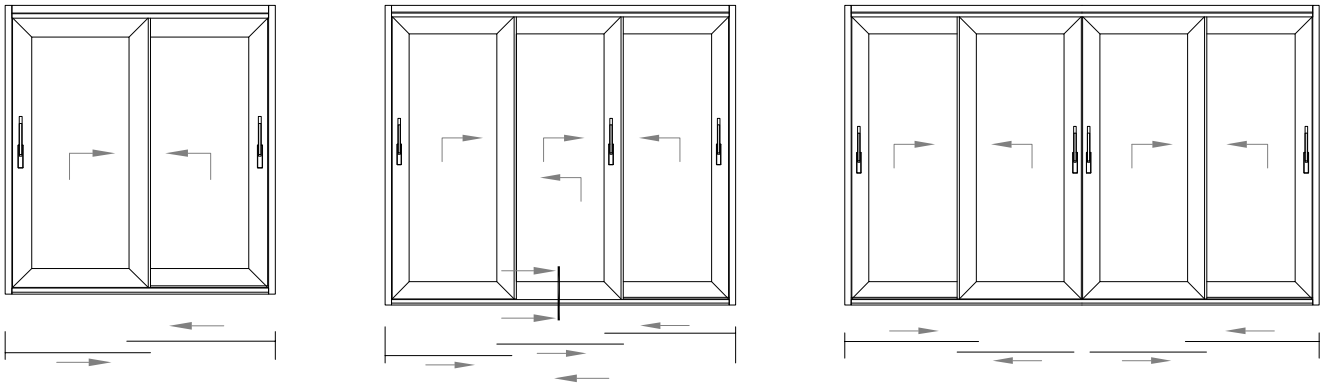


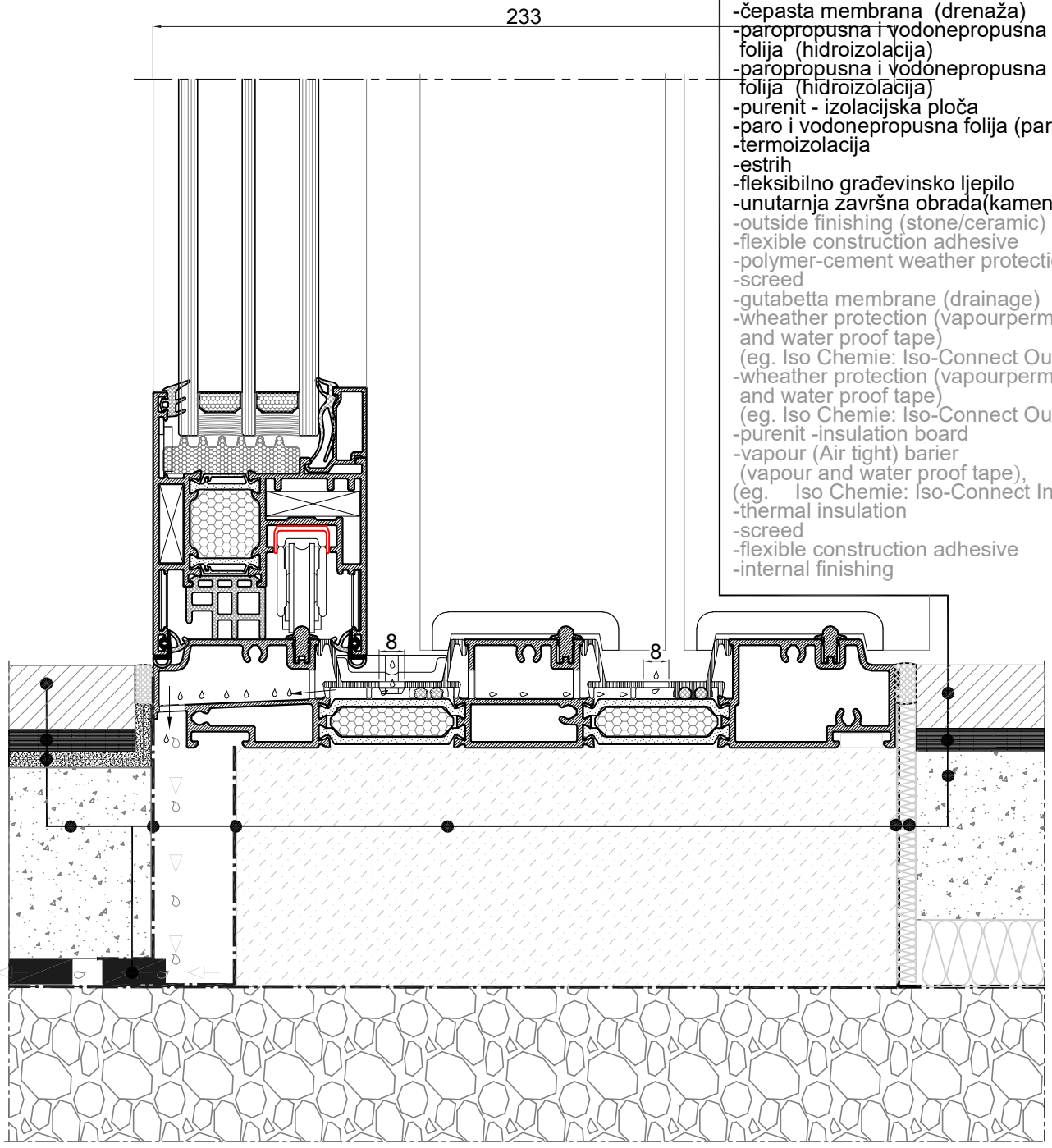
-vanjska završna obrada
-fleksibilno građevinsko ljepilo
-polimer-cementna hidroizolacija
-estrih
-paropropusna i vodonepropusna folija (hidroizolacija)
-toplinska izolacija
-pvc profil za ugradnju
-purenit izolacijska ploča
-paro- i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnja završna obrada(kamen;keramika)
-outside finishing
-flexible construction adhesive
-polymer-cement weather protection
-screed
-vapor permeable and water impermeable (hydro insulation)
-thermal insulation
-pvc profile for instalation
-purenit-insulation board
-vapor and water impermeable foil (vapor barrier)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing(stone;ceramic)



-vanjska završna obrada
-vanjska toplinska izolacija
-paropropusna i vodonepropusna folija (hidroizolacija)
-toplinska izolacija
-paro- i vodonepropusna folija (parna brana)
-unutarnja završna obrada
-outside finishing
-outside thermal insulation
-vapor permeable and water impermeable (hydro insulation)
-thermal insulation
-vapor and water impermeable foil (vapor barrier)
-internal finishing

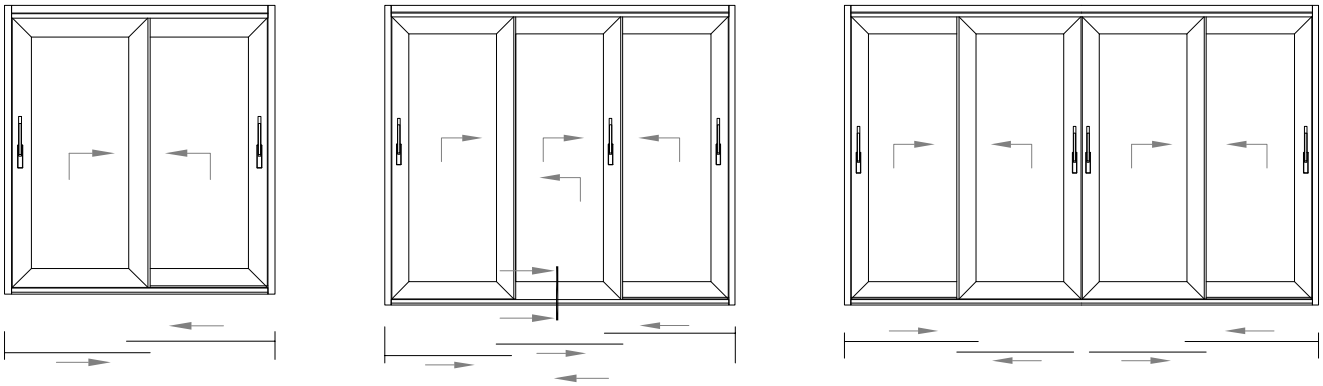




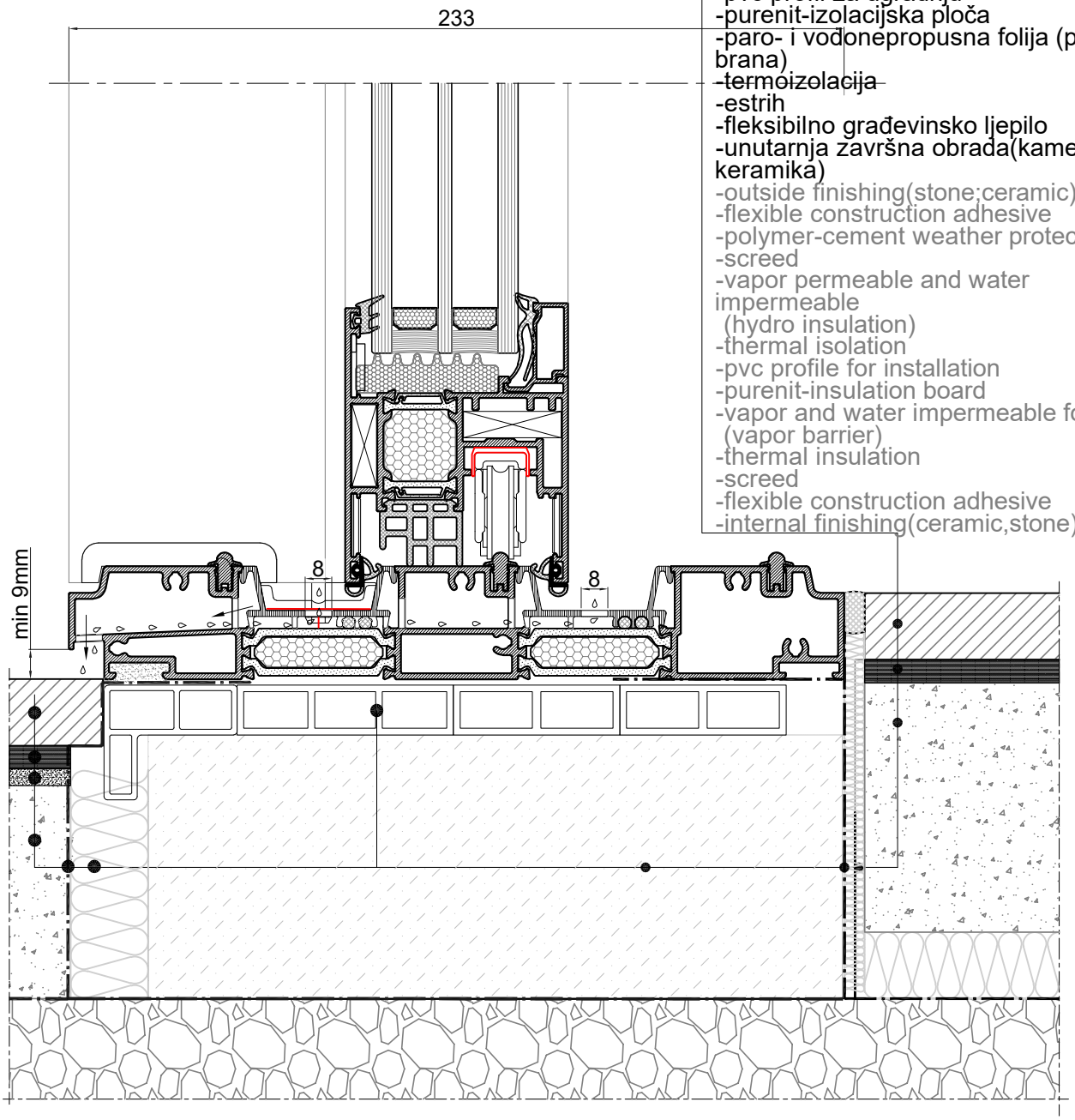


-vanjski završni izgled (keramika / kamen)
-fleksibilno građevinsko ljepilo
-polimer-cementna hidroizolacija
-estrih
-čepasta membrana (drenaža)
-paropropusna i vodonepropusna folija (hidroizolacija)
-paropropusna i vodonepropusna folija (hidroizolacija)
-purenit - izolacijska ploča
-paro i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnja završna obrada(kamen/keramika)

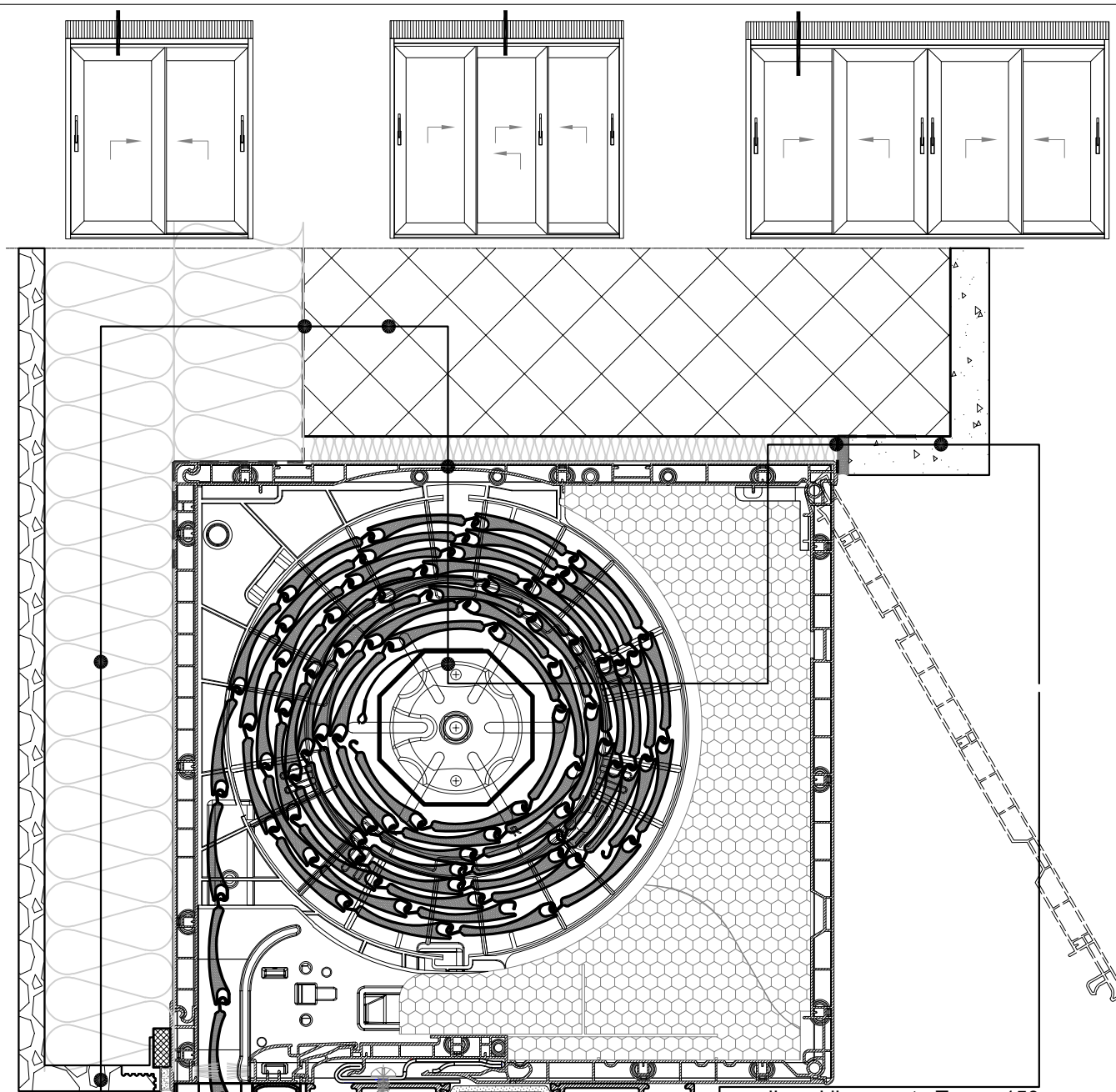
-outside finishing (stone/ceramic)
-flexible construction adhesive
-polymer-cement weather protection
-screed
-gutabetta membrane (drainage)
-wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
-wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
-purenit -insulation board
-vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing



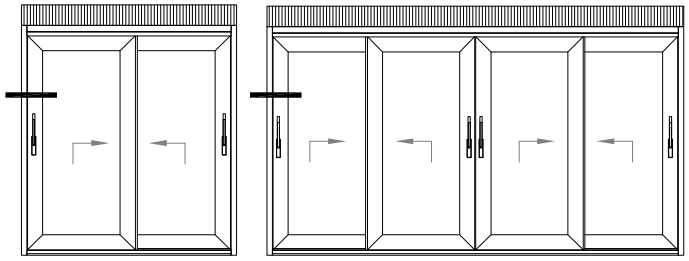
NAPOMENA:
Ovakav način montaže primjenjiv je za pozicije koje nisu izložene direktnom udaru vjetra i vode
This mounting method is applicable for positions that are not exposed direct impact of wind and water



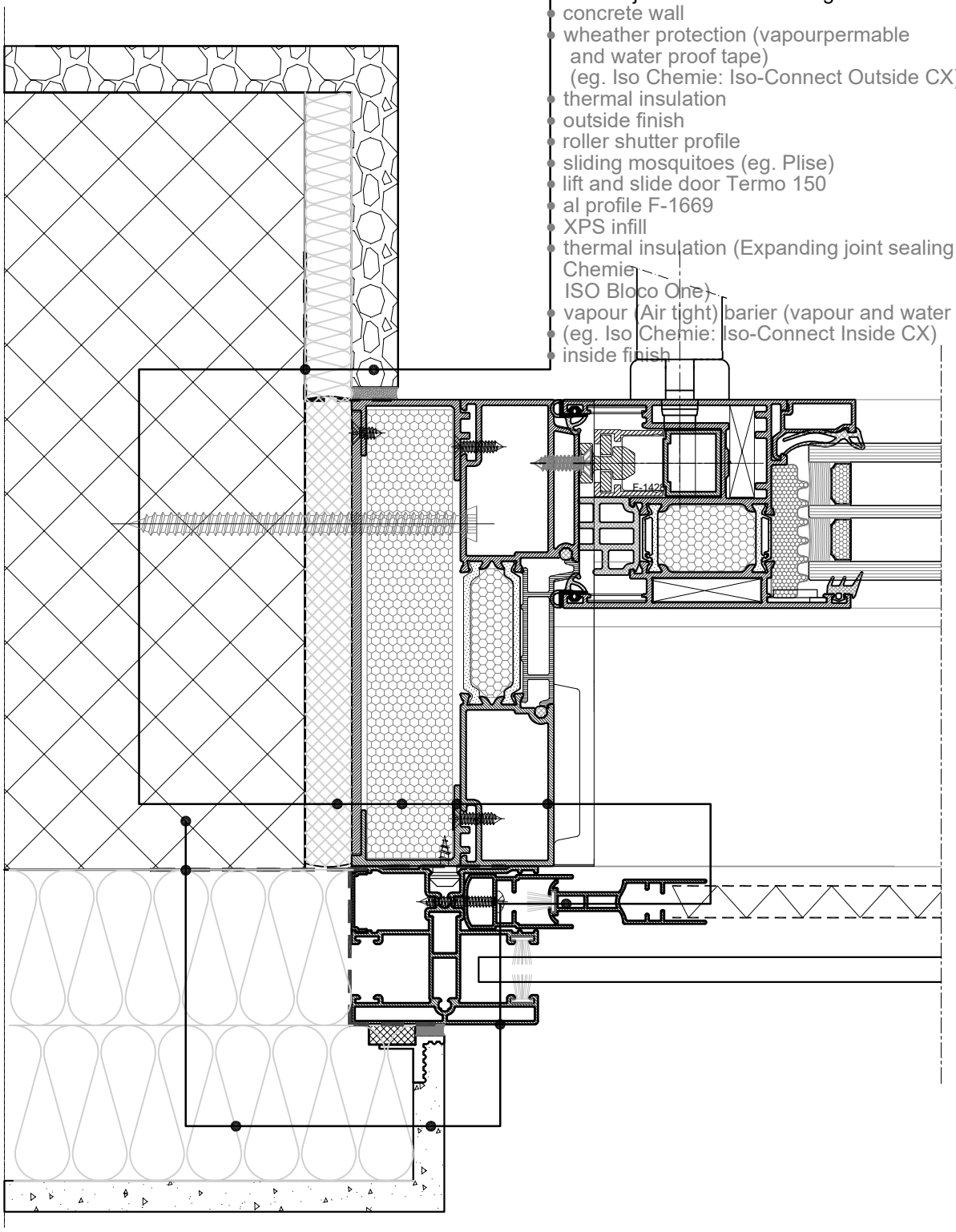
-vanjska završna obrada(kamen,keramika)
-fleksibilno građevinsko ljepilo
-polimer-cementa hidroizolacija
-estrih
-paropropusna i vodonepropusna folija
-toplinska izolacija
-pvc profil za ugradnju
-purenit-izolacijska ploča
-paro- i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnja završna obrada(kamen, keramika)
-outside finishing(stone;ceramic)
-flexible construction adhesive
-polymer-cement weather protection
-screed
-vapor permeable and water impermeable (hydro insulation)
-thermal isolation
-pvc profile for installation
-purenit-insulation board
-vapor and water impermeable foil (vapor barrier)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing(ceramic,stone)

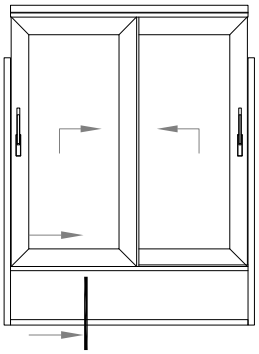


- podizno klizna vrata Termo 150
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- lift and slide door Termo 150
- sliding mosquitoes (eg. Plise)
- shutters
- outside finish
- thermal insulation
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- concrete wall
- thermal box shutters (eg. Elite XT-240x255)
- shutter starter motor
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish



- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr.Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 150
- al profil F-1669
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- concrete wall
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- thermal insulation
- outside finish
- roller shutter profile
- sliding mosquitoes (eg. Plise)
- lift and slide door Termo 150
- al profile F-1669
- XPS infill
- thermal insulation (Expanding joint sealing foam tape: Iso Chemie ISO Bloco One)
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish





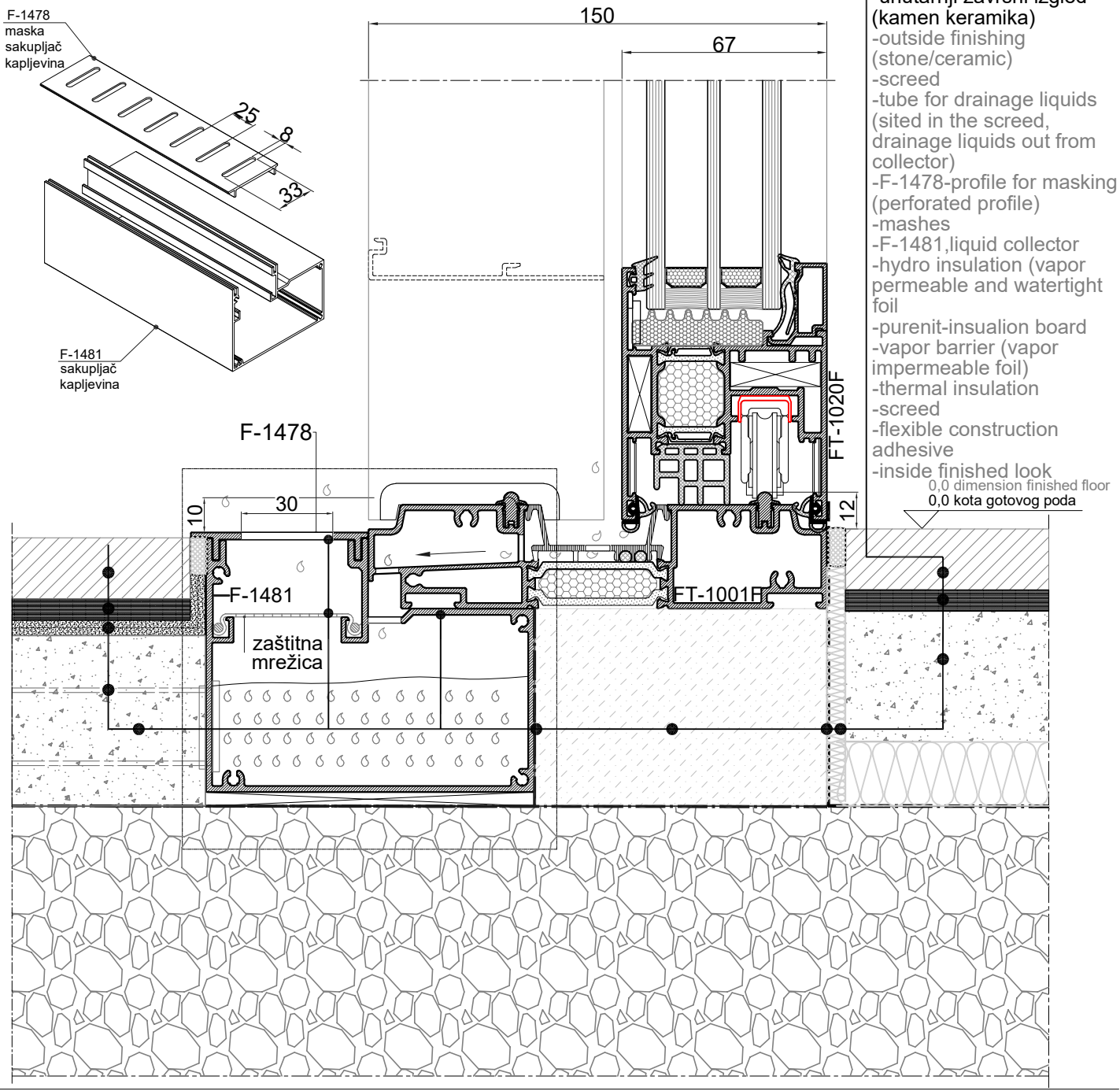
NISKI PRAG SA KONTROLIRANOM ODVODNJOM KAPLJEVINA

LOW THRESHOLD WITH CONTROLLED DRAINAGE OF LIQUID

- visina praga u odnosu na kotu gotovog poda 10 mm
- threshold height in relation to linear dimension of finished floor up to 10mm

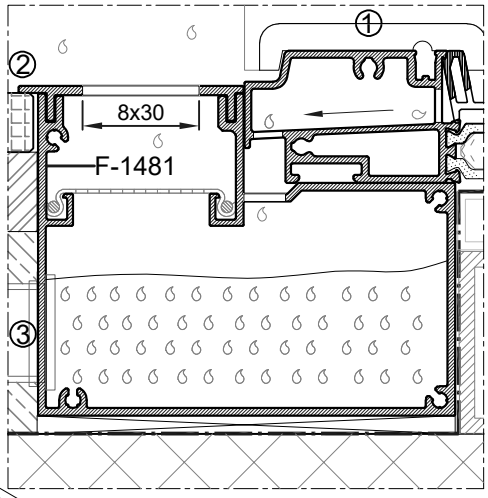
-vanjski završni izgled(kamen,keramika)
-cijev za odvod kapljevina (položena u estrih, izvodi kapljevine vani iz sakupljača kapljevina)
-estrih
-F-1478-profil za maskiranje (perforirani profil)
-mreža
-F-1481,sakupljač kapljevina
-hidroizolacija (paropropusna i vodonepropusna folija)
-purenit-izolacijska ploča
-paro i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnji završni izgled (kamen keramika)

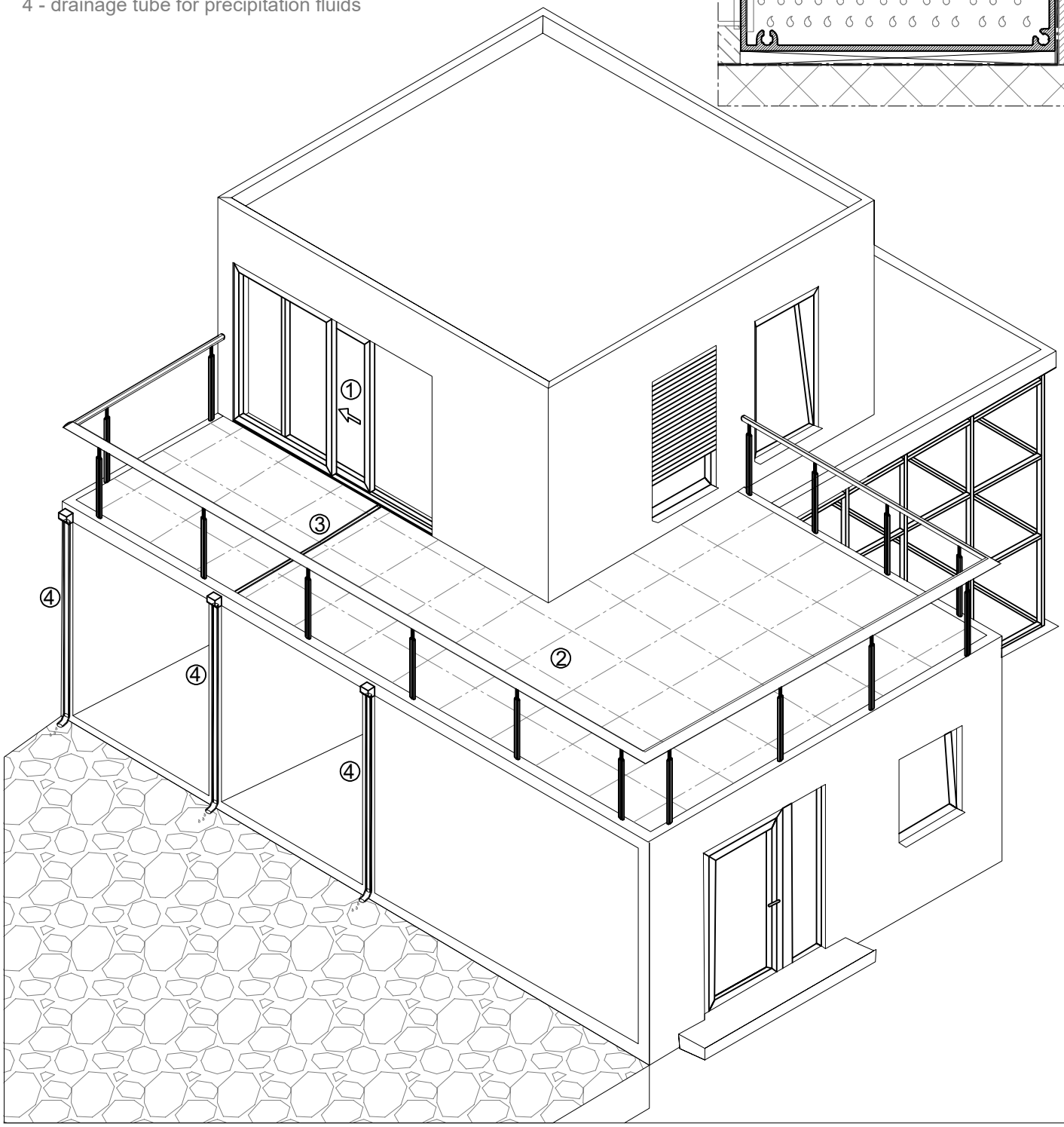
-outside finishing (stone/ceramic)
-screed
-tube for drainage liquids (sited in the screed, drainage liquids out from collector)
-F-1478-profile for masking (perforated profile)
-mashes
-F-1481,liquid collector
-hydro insulation (vapor permeable and watertight foil
-purenit-insualion board
-vapor barrier (vapor impermeable foil)
-thermal insulation
-screed
-flexible construction adhesive
-inside finished look



Prikaz odvodnje vode sa dodadnim profilom za sakupljanje kapljevina za klizne sisteme (niske pragove do 10 mm):
1 - klizni sistemi (ugradnja sa visinom praga u odnosu na gotov pod do 10 mm)
2 - terasa
3 - cijev za odvod kapljevina iz kliznog sistema preko dodatnog profila za sakupljanje kroz estrih (preko terase) u svodnu cijev za oborinske vode
4 - svodne cijevi za oborinske vode

An overview of the drainage with additional profile for collecting liquid of sliding system (lower threshold up to 10mm):
1 - sliding system (installation with height threshold in relation to the finished floor up to 10 mm)
2 - terrace
3 - the drainage tube from sliding system over additional profile for collecting liquid through the screed (over terrace) in drainage tube for precipitation fluids
4 - drainage tube for precipitation fluids

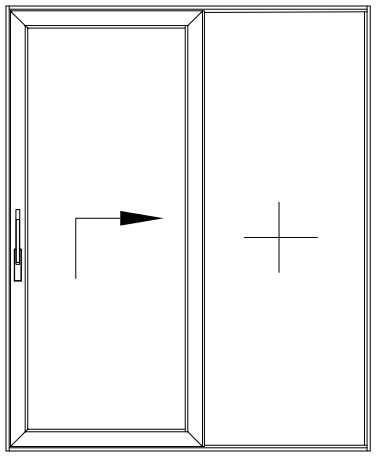




Presjeci (Termo 150 plus)
Cross sections (Termo 150 plus)

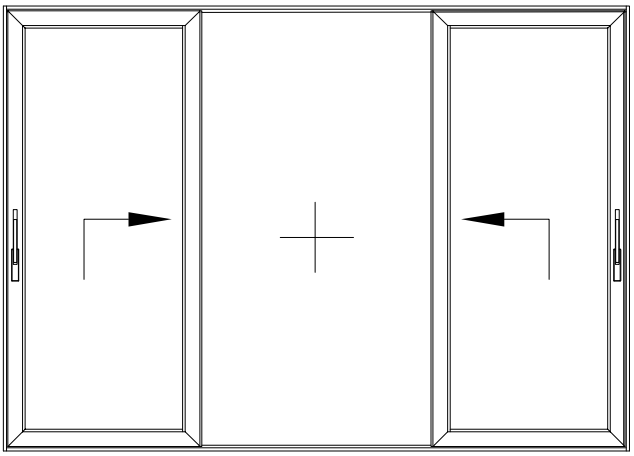
Tipologija Typology

Shema A
Scheme A



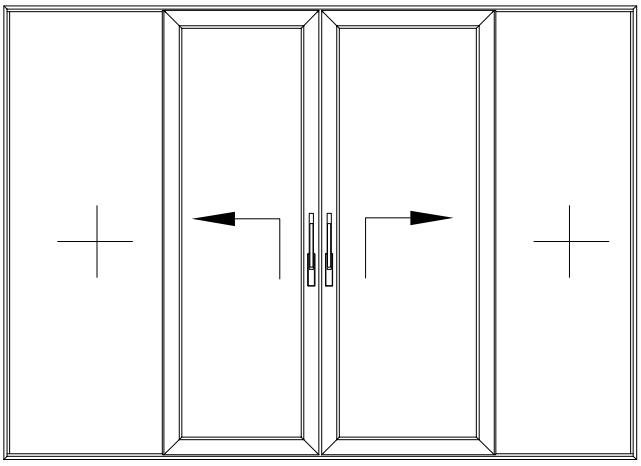
Podizno klizno+fiksno
Lift & slide+ Single sash fixed

Shema D
Scheme D



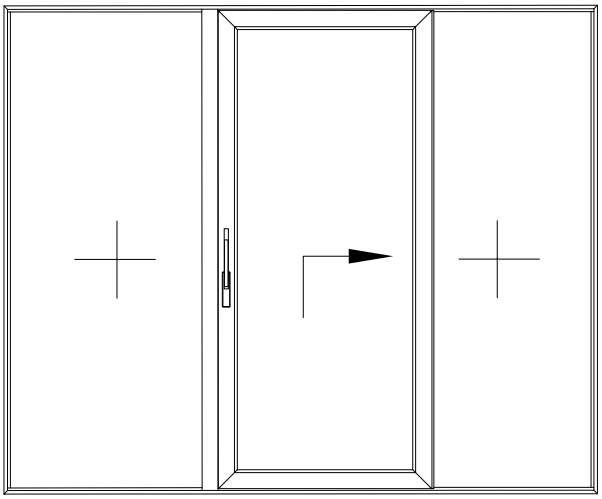
Dva podizno klizna+srednje fiksno
Two sash Lift & Slide+central field fixed

Shema C
Scheme C



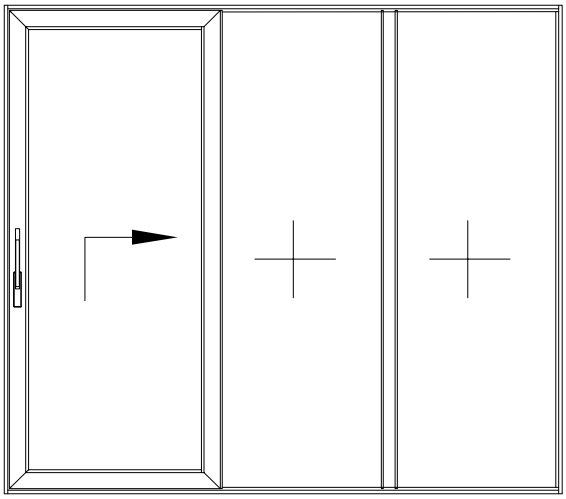
Dva krila podizno klizna (srednja) + dva fiksna (bočna)
Two sash Lift & Slide (Central) + two side filed fixed

Shema G
Scheme G

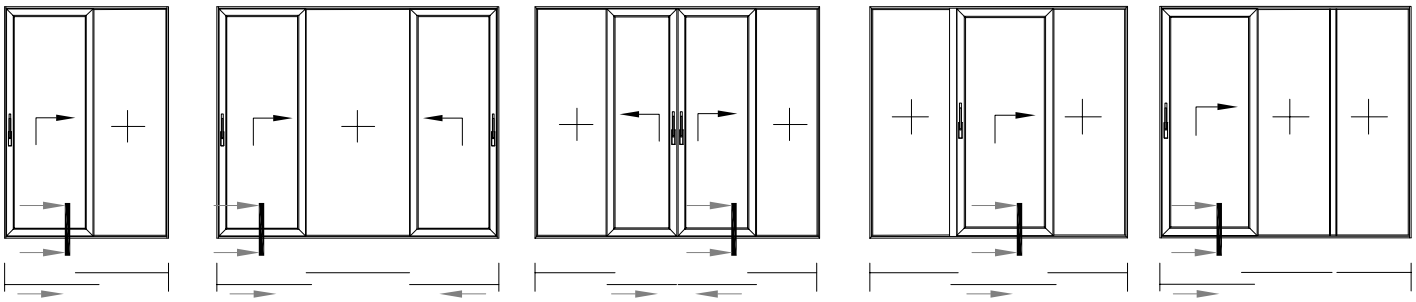


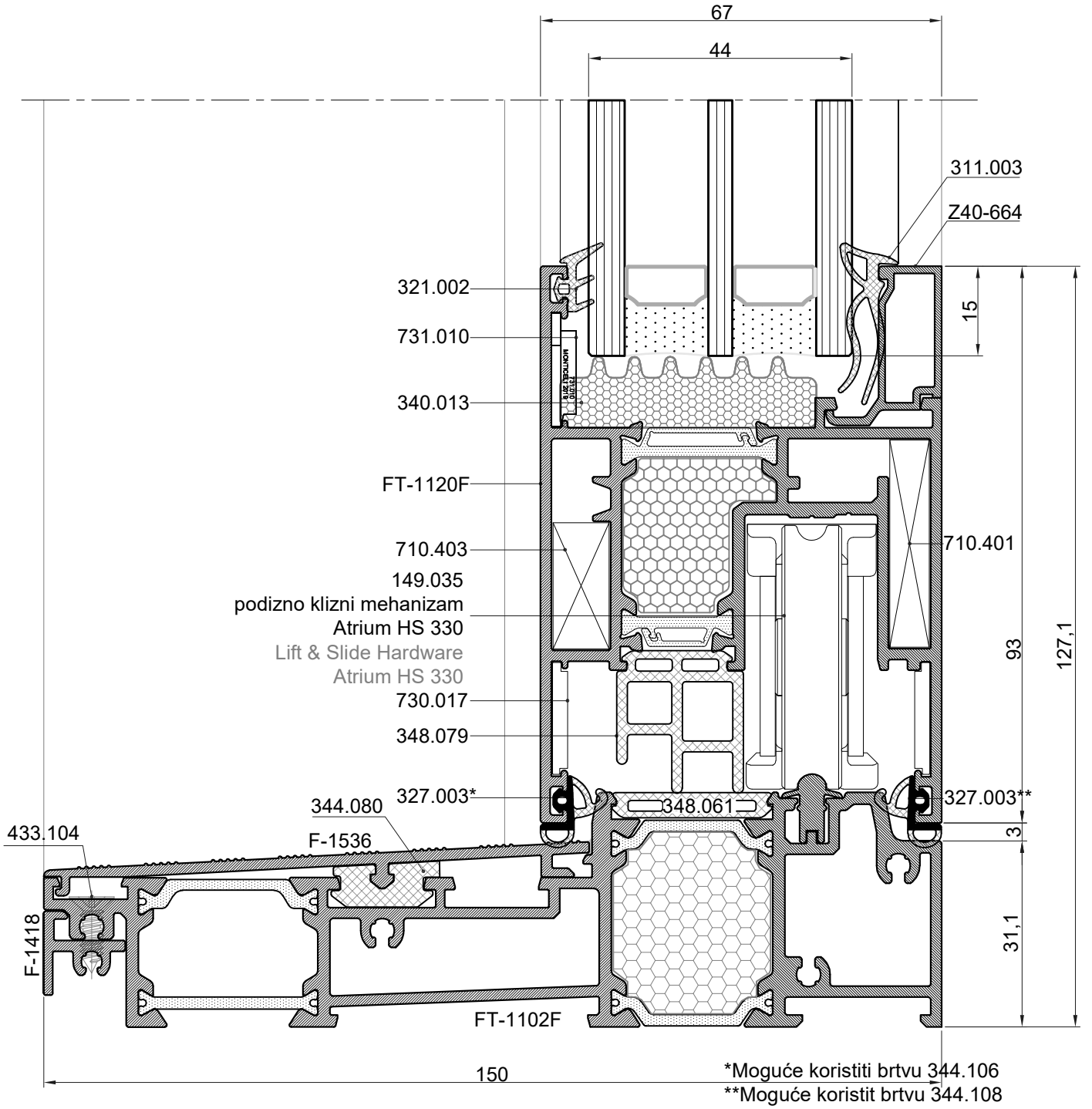
Srednje krilo podizno klizno + bokovi fiksni
Central sash Lift & Slide + side filed fixed

Shema A
Scheme A

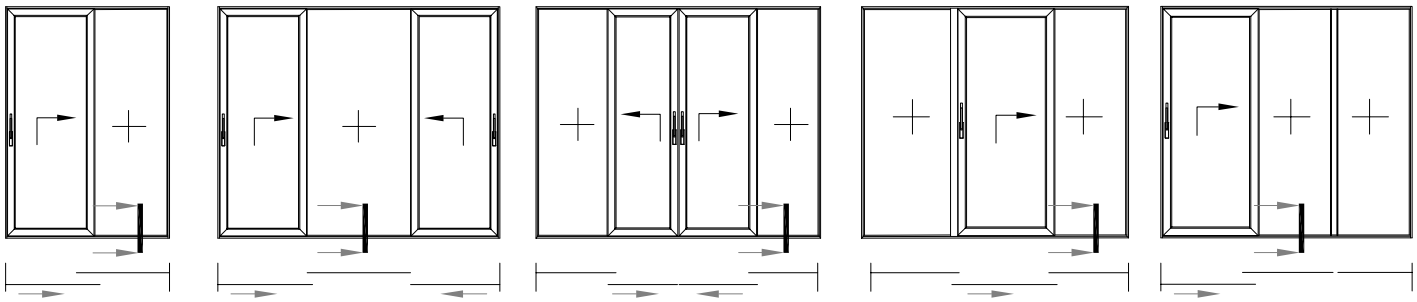


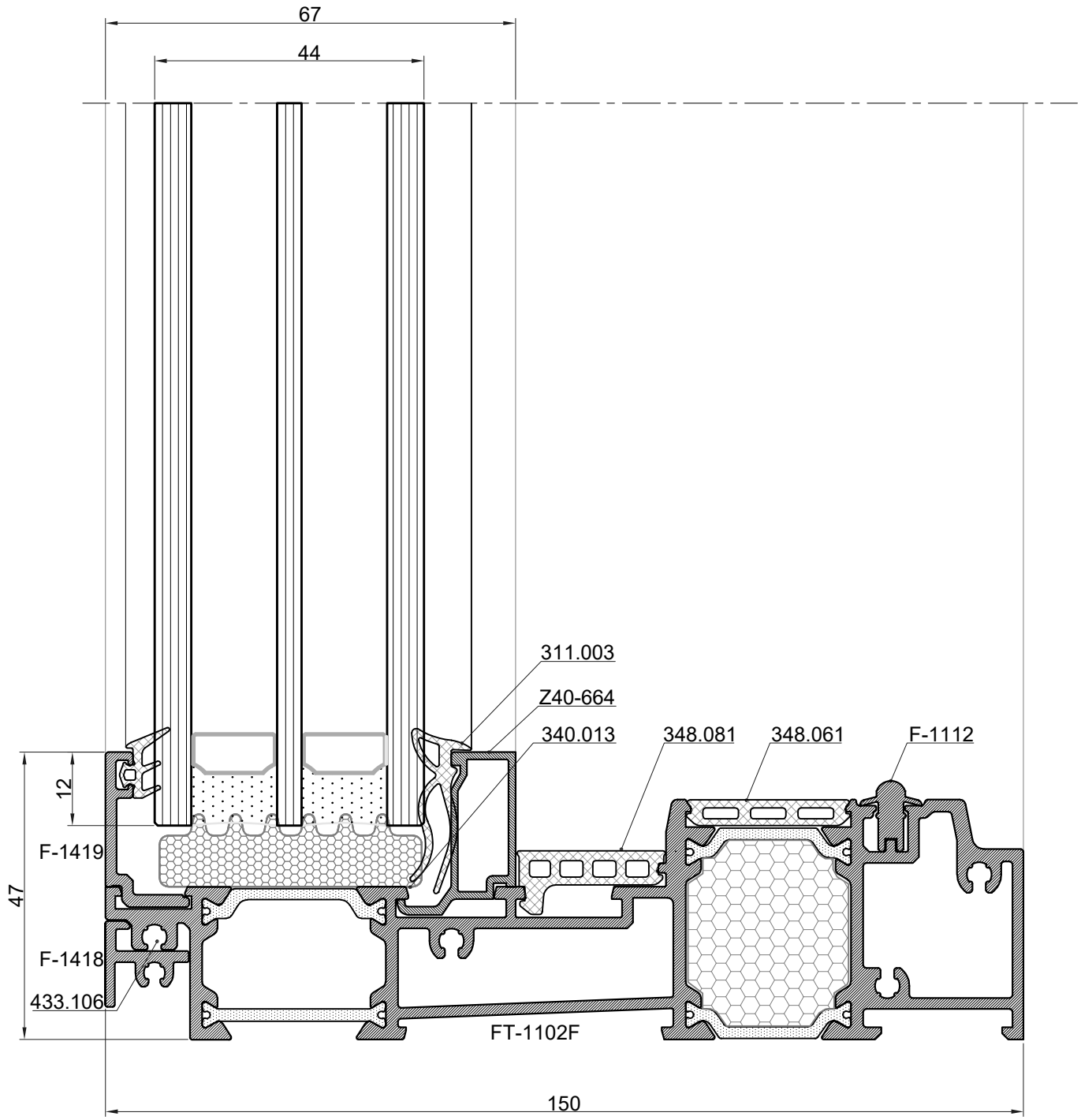
Podizno klizno+duplo fiksno
Lift & slide+ Double sash fixed

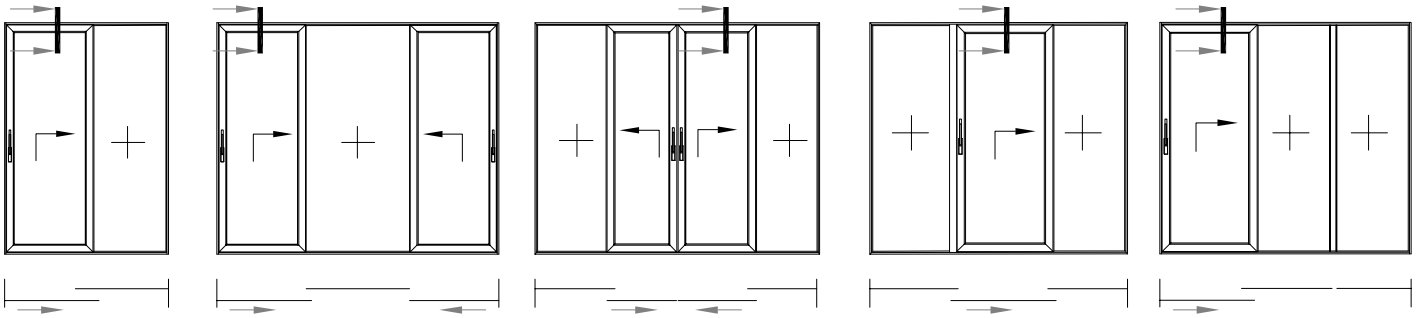


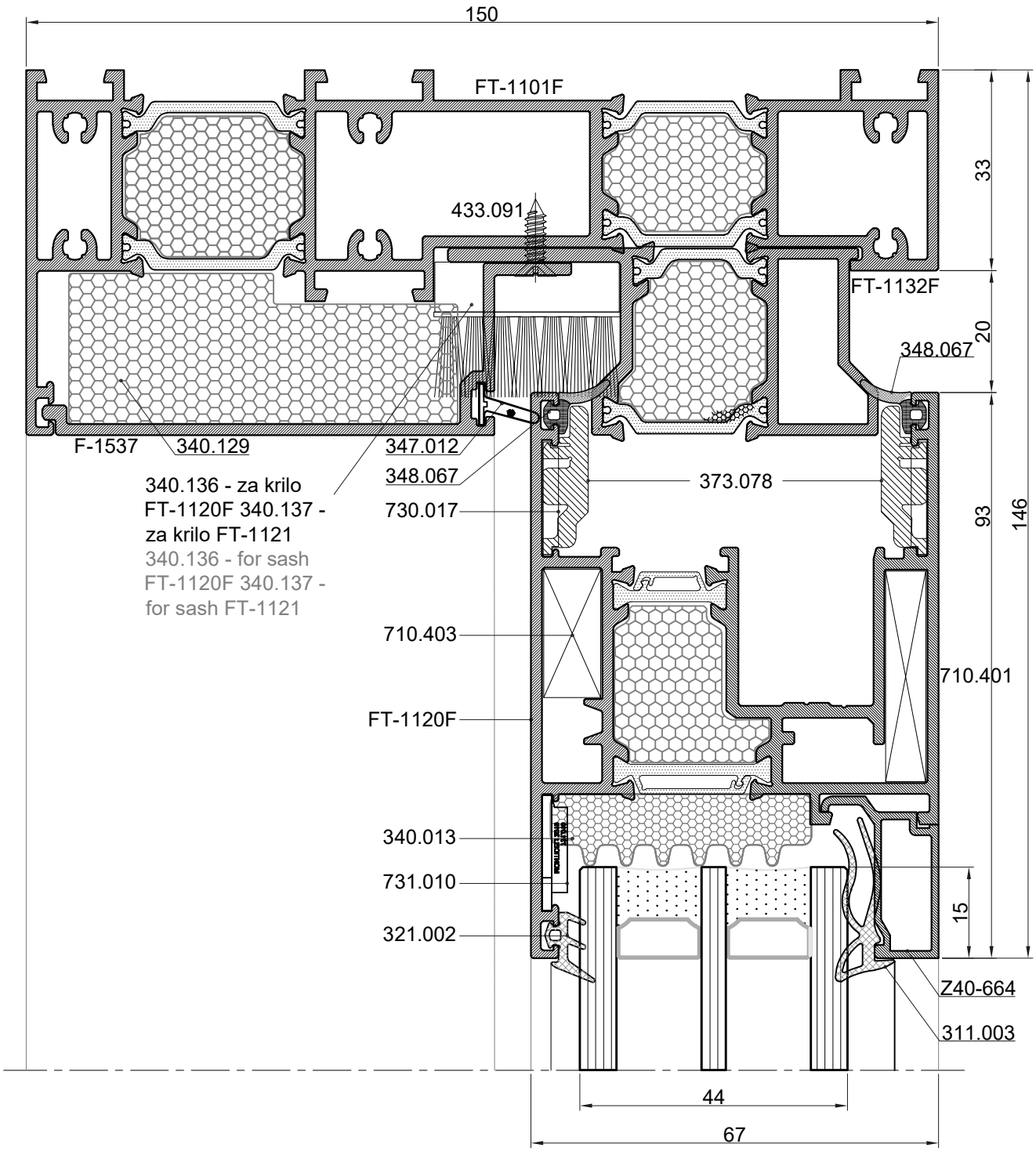


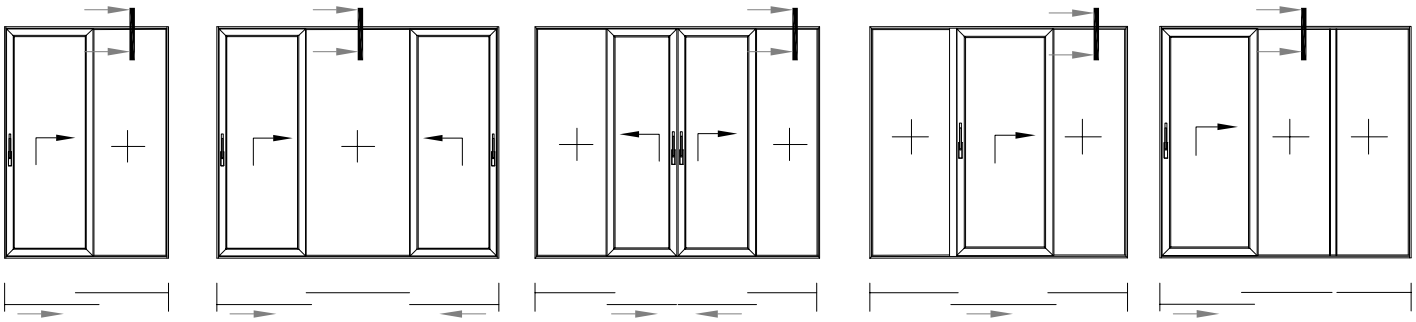
*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108
*The possibility of using a gasket 344.106
*The possibility of using a gasket 344.108

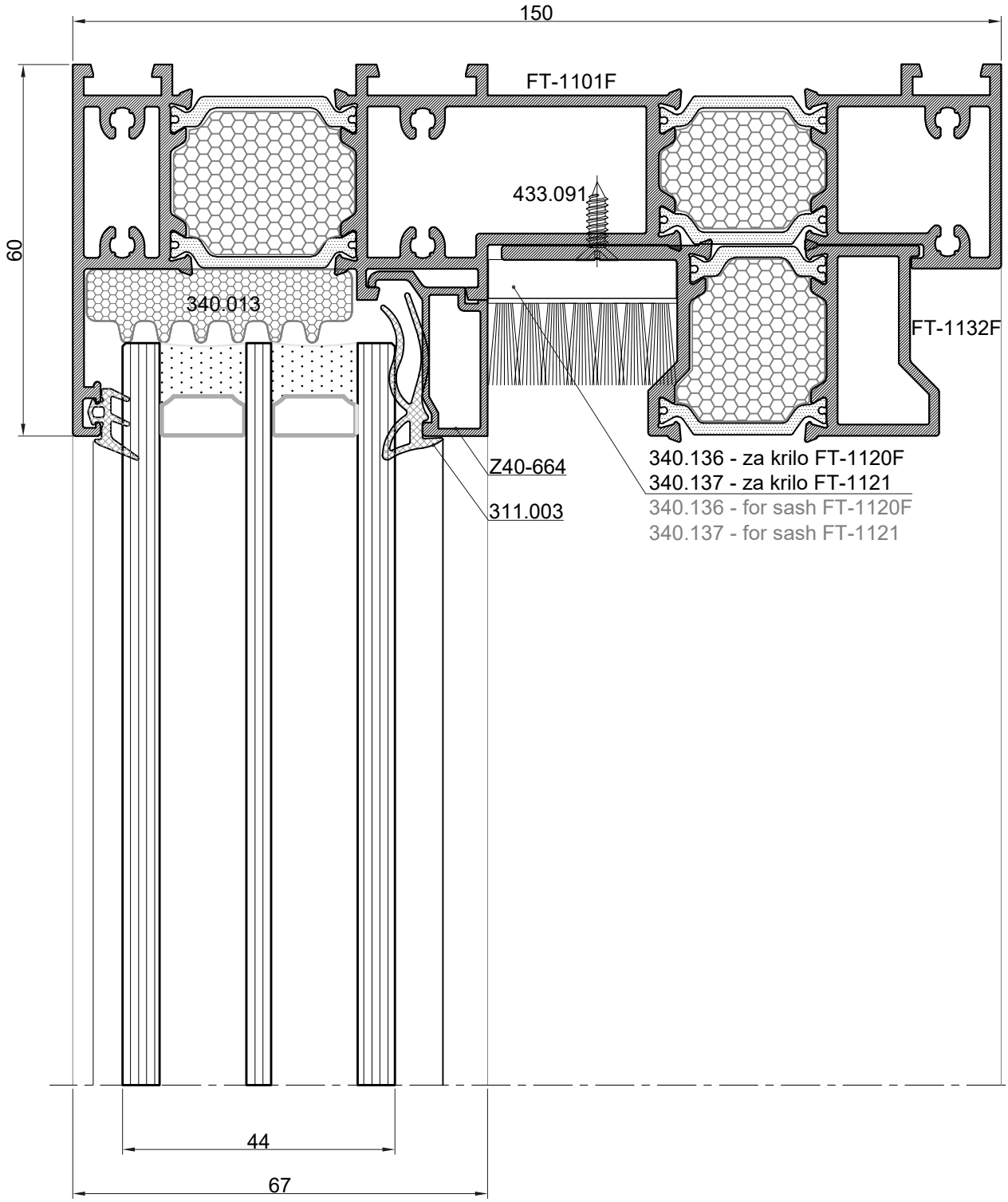


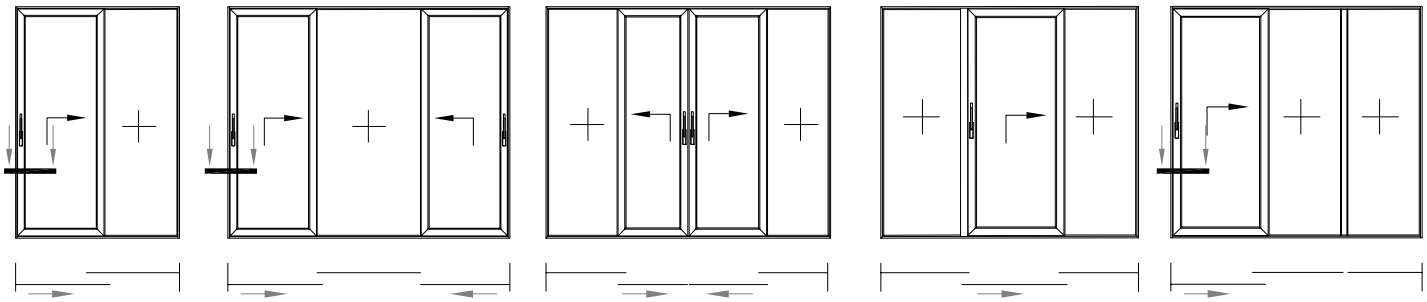

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311.003
Z40-664
340.013
348.081
348.061
F-1112
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F-1419
47
F-1418
433.106
FT-1102F
150

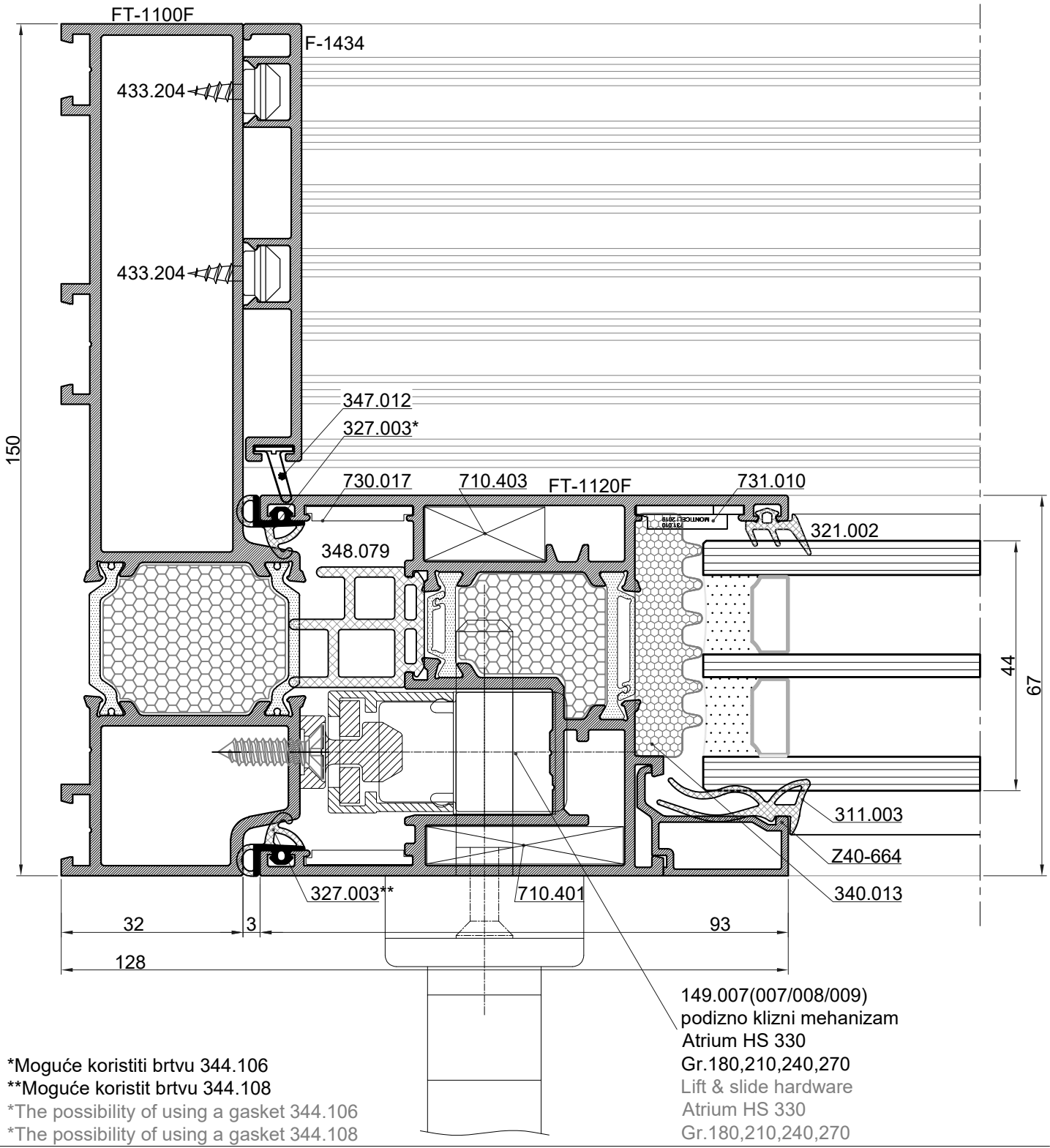



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FT-1101F
433.091
33
FT-1132F
20
348.067
F-1537
340.129
347.012
348.067
340.136 - za krilo FT-1120F 340.137 - za krilo FT-1121
340.136 - for sash FT-1120F 340.137 - for sash FT-1121
373.078
730.017
93
146
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FT-1120F
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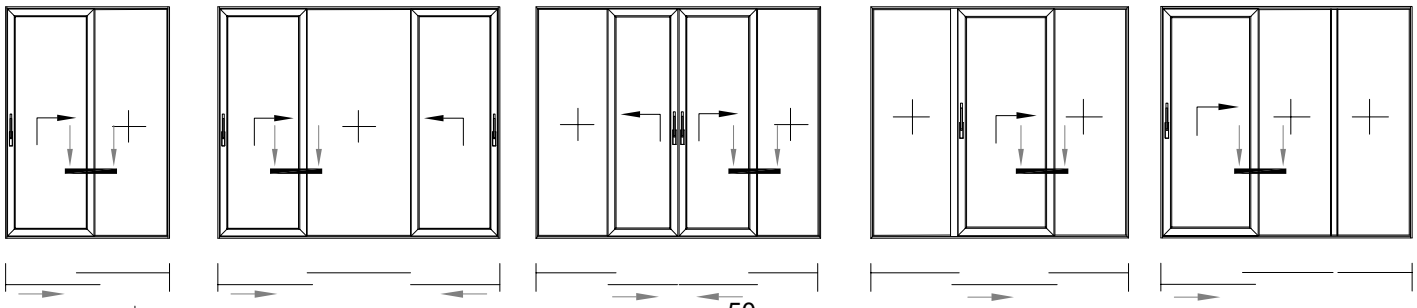


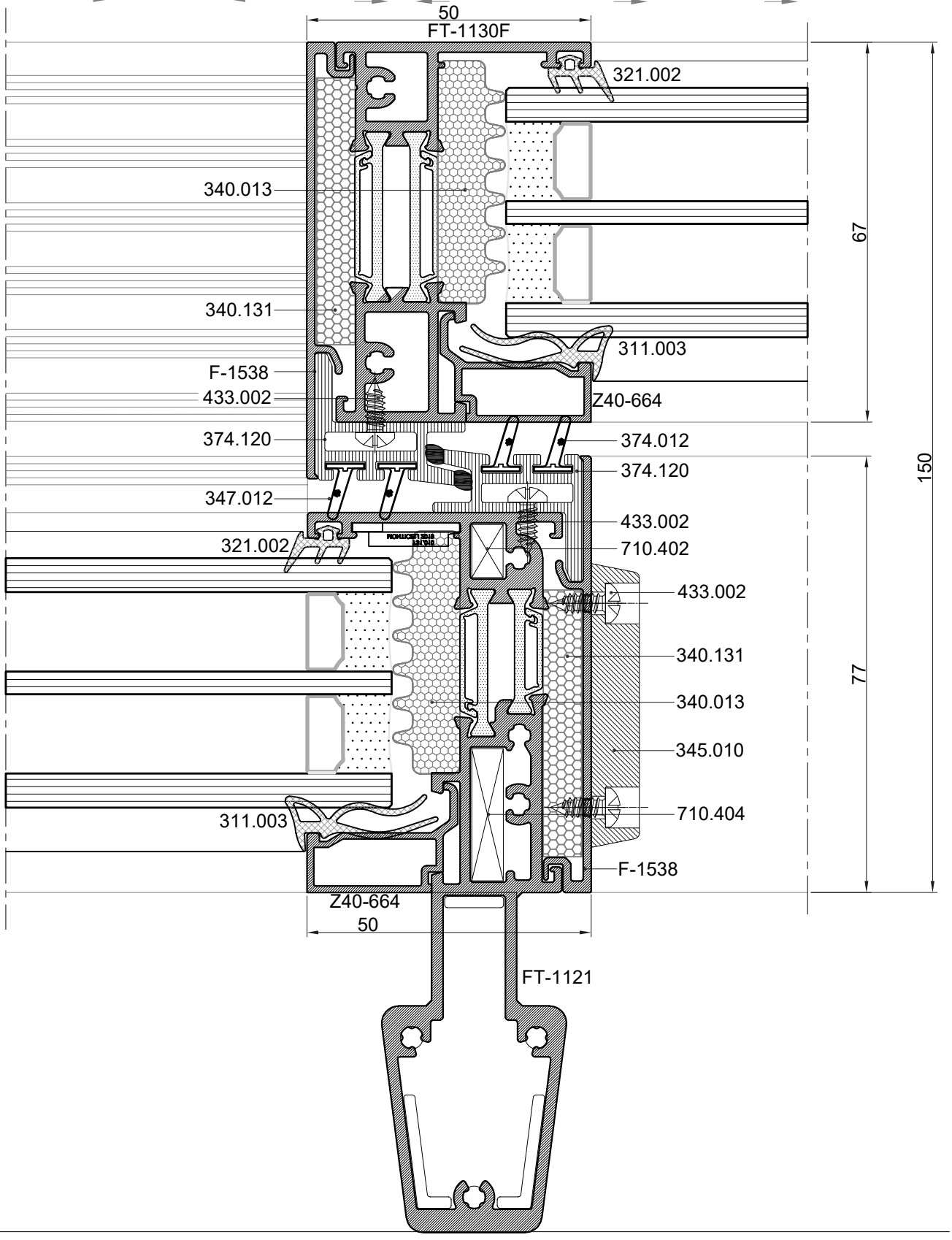

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FT-1101F
433.091
340.013
FT-1132F
Z40-664
311.003
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340.137 - za krilo FT-1121
340.136 - for sash FT-1120F
340.137 - for sash FT-1121
44
67

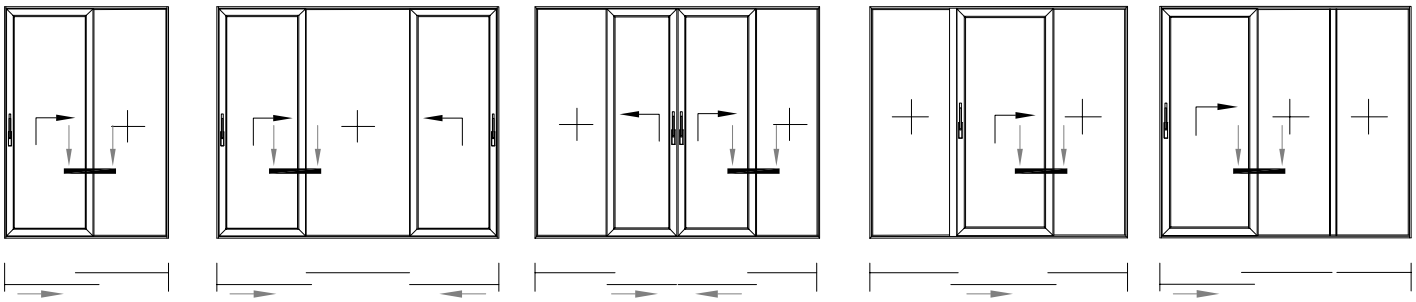


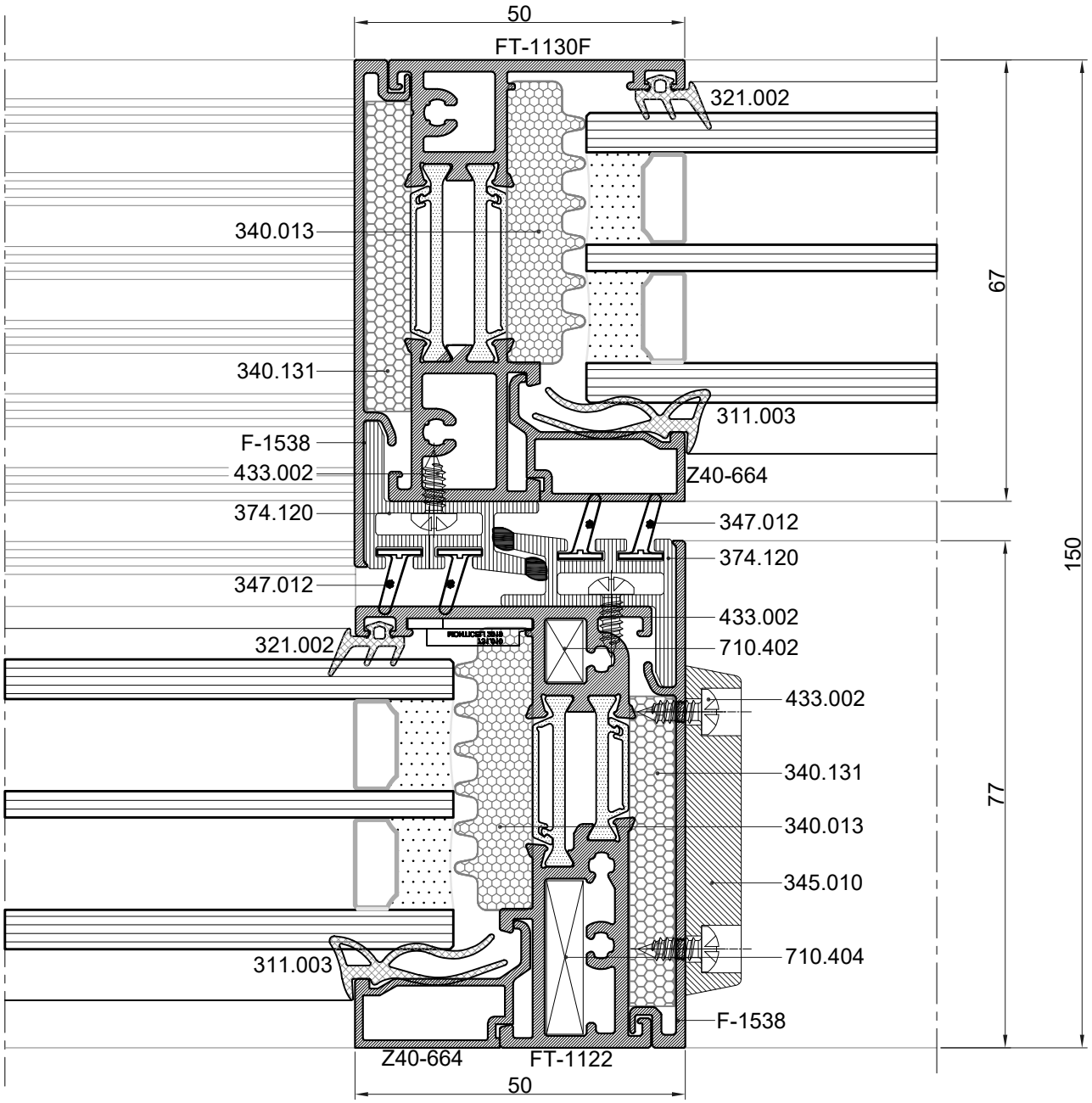


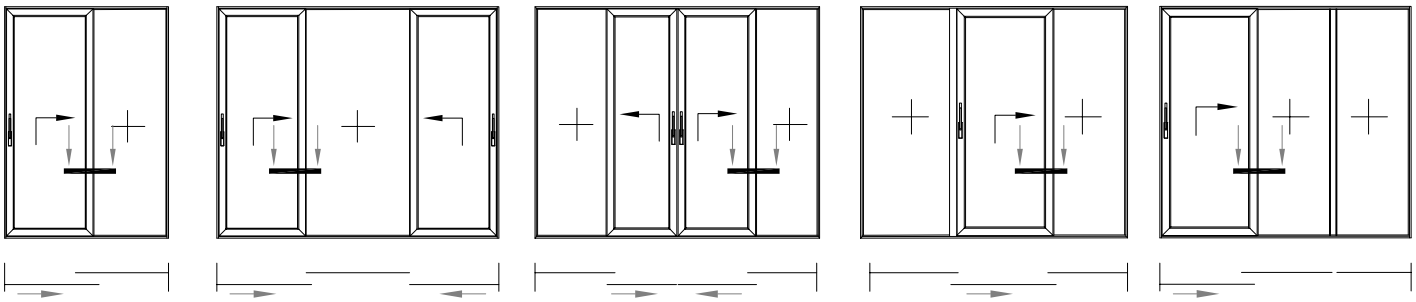
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**Moguće koristit brtvu 344.108
*The possibility of using a gasket 344.106
*The possibility of using a gasket 344.108

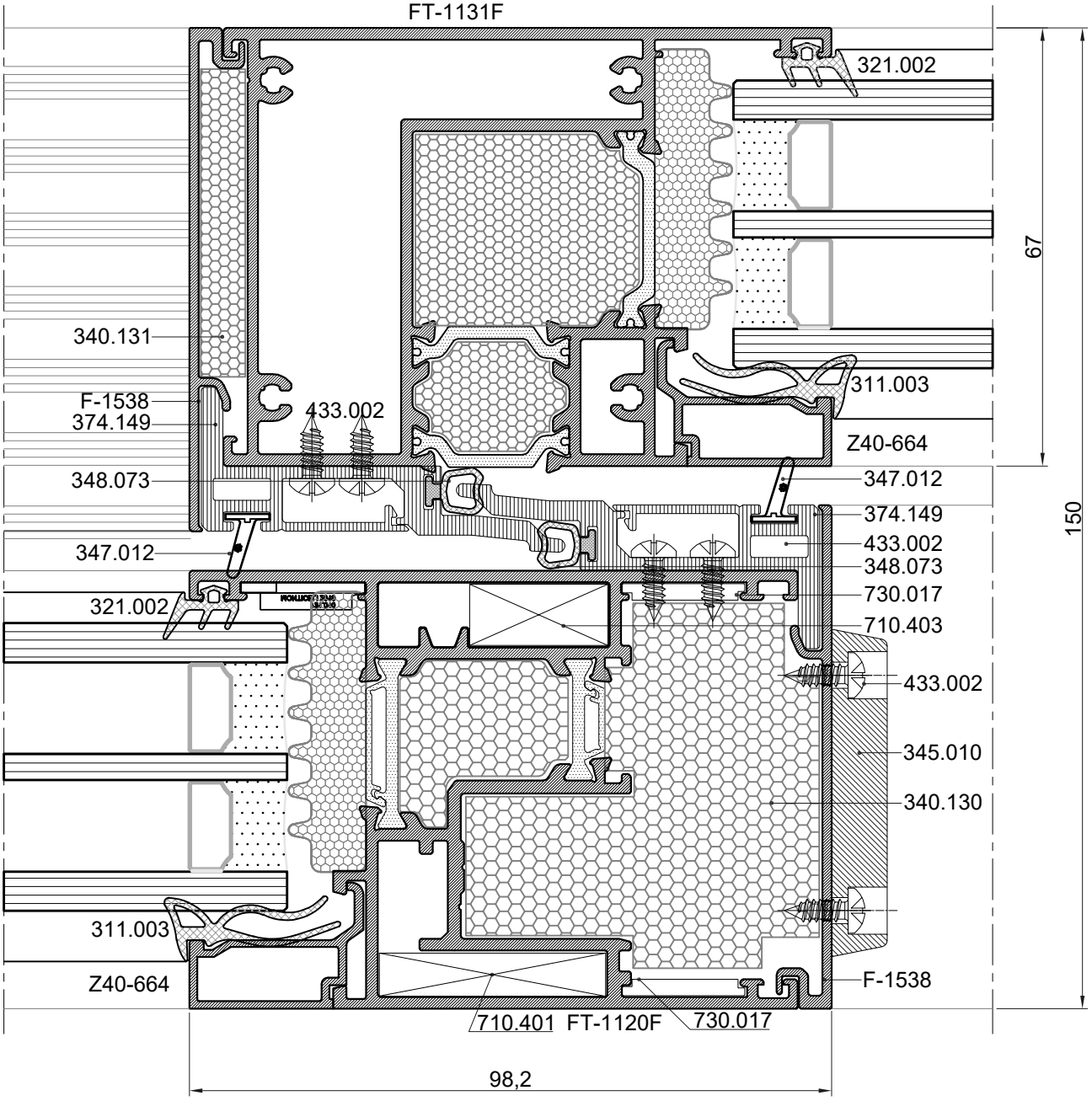


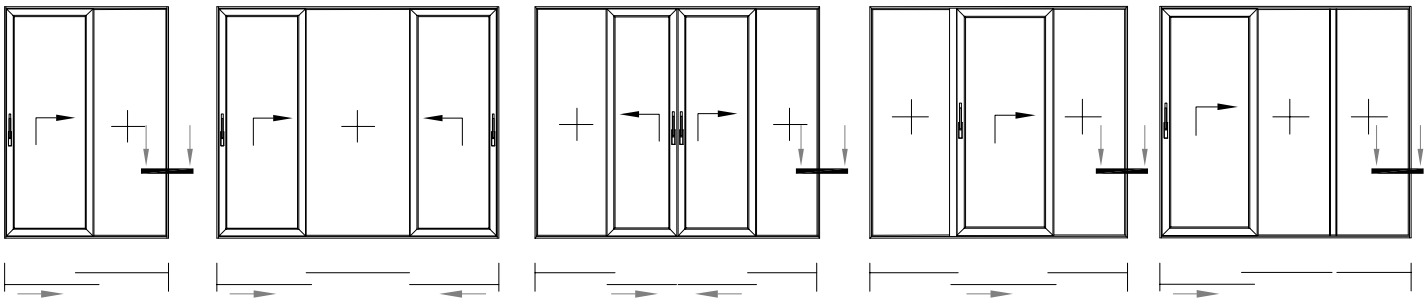

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311.003
F-1538
433.002
Z40-664
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374.012
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347.012
433.002
321.002
710.402
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710.404
F-1538
Z40-664
50
FT-1121
67
77
150

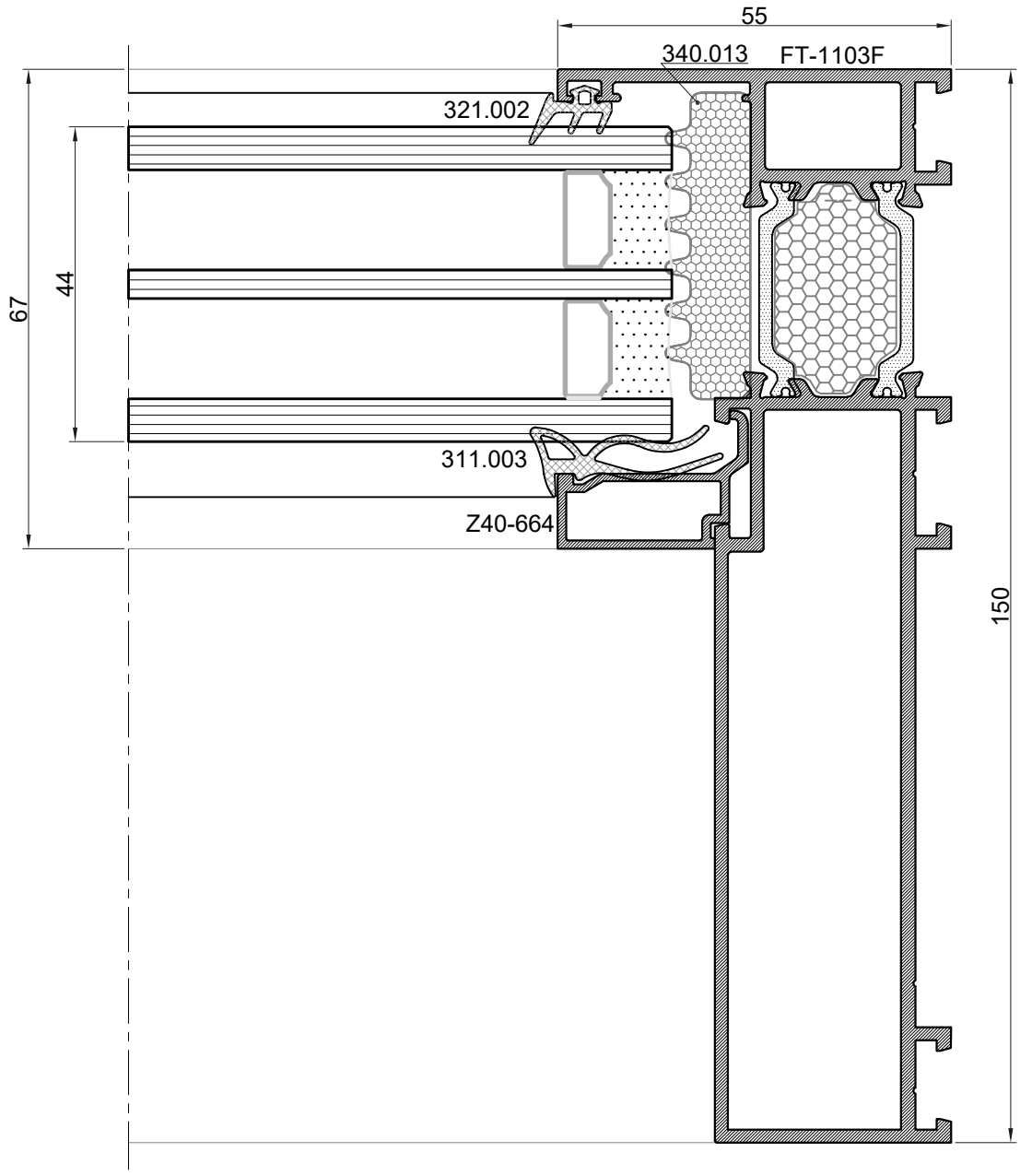


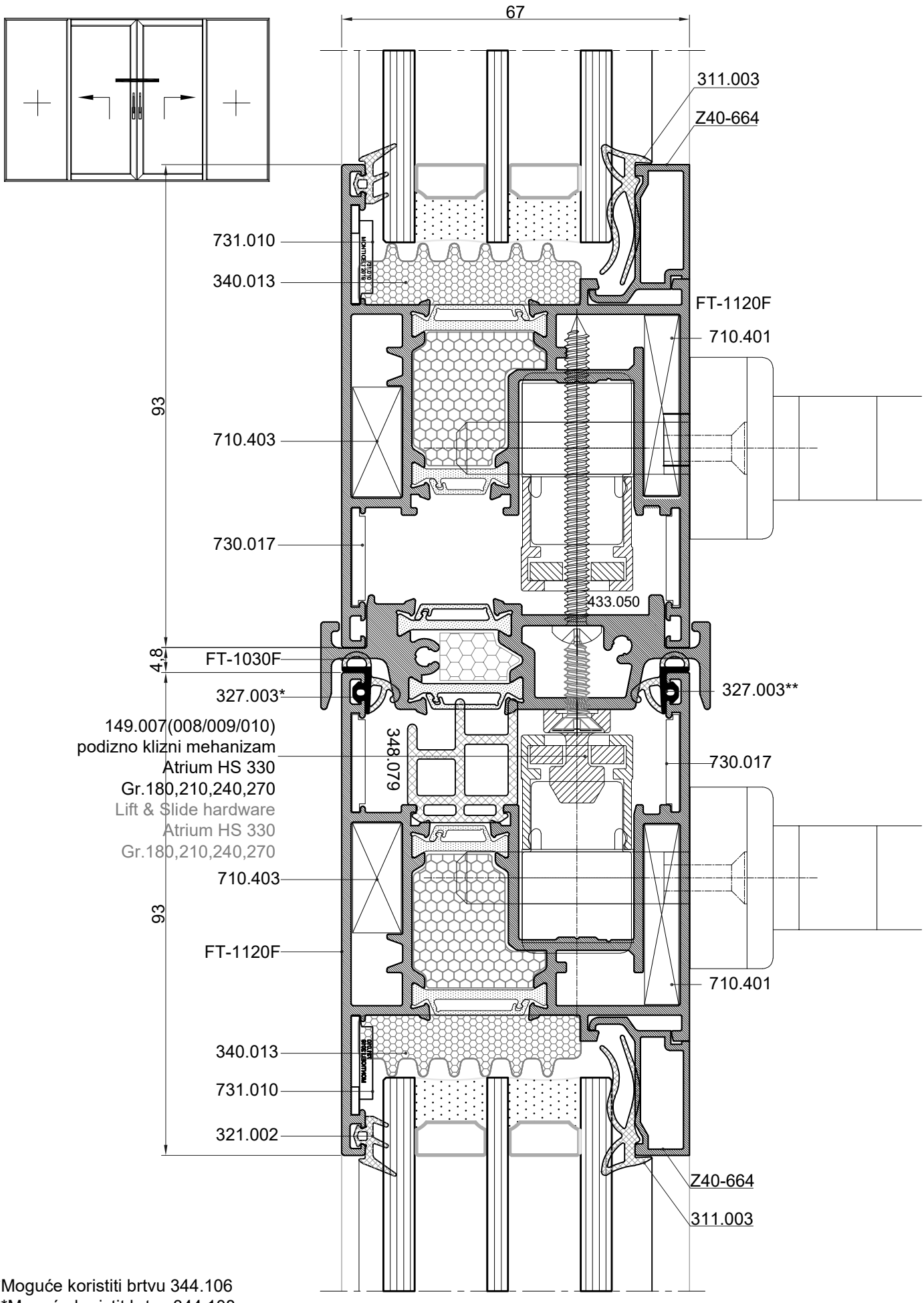

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FT-1122
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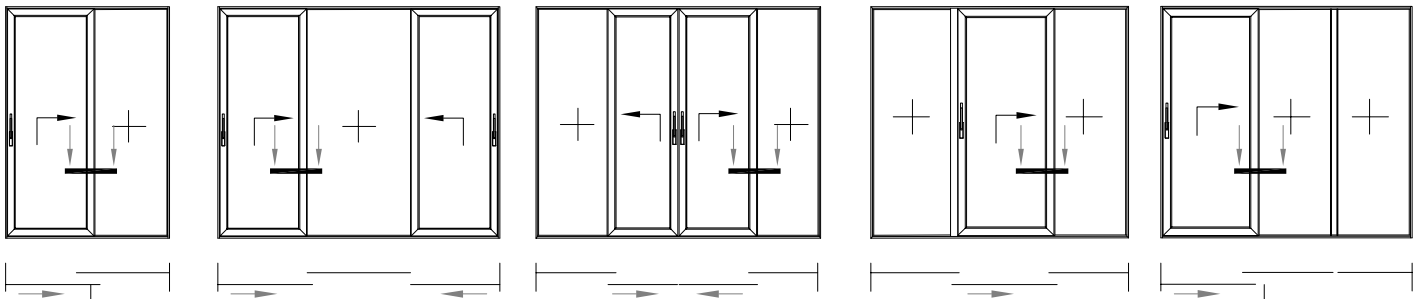

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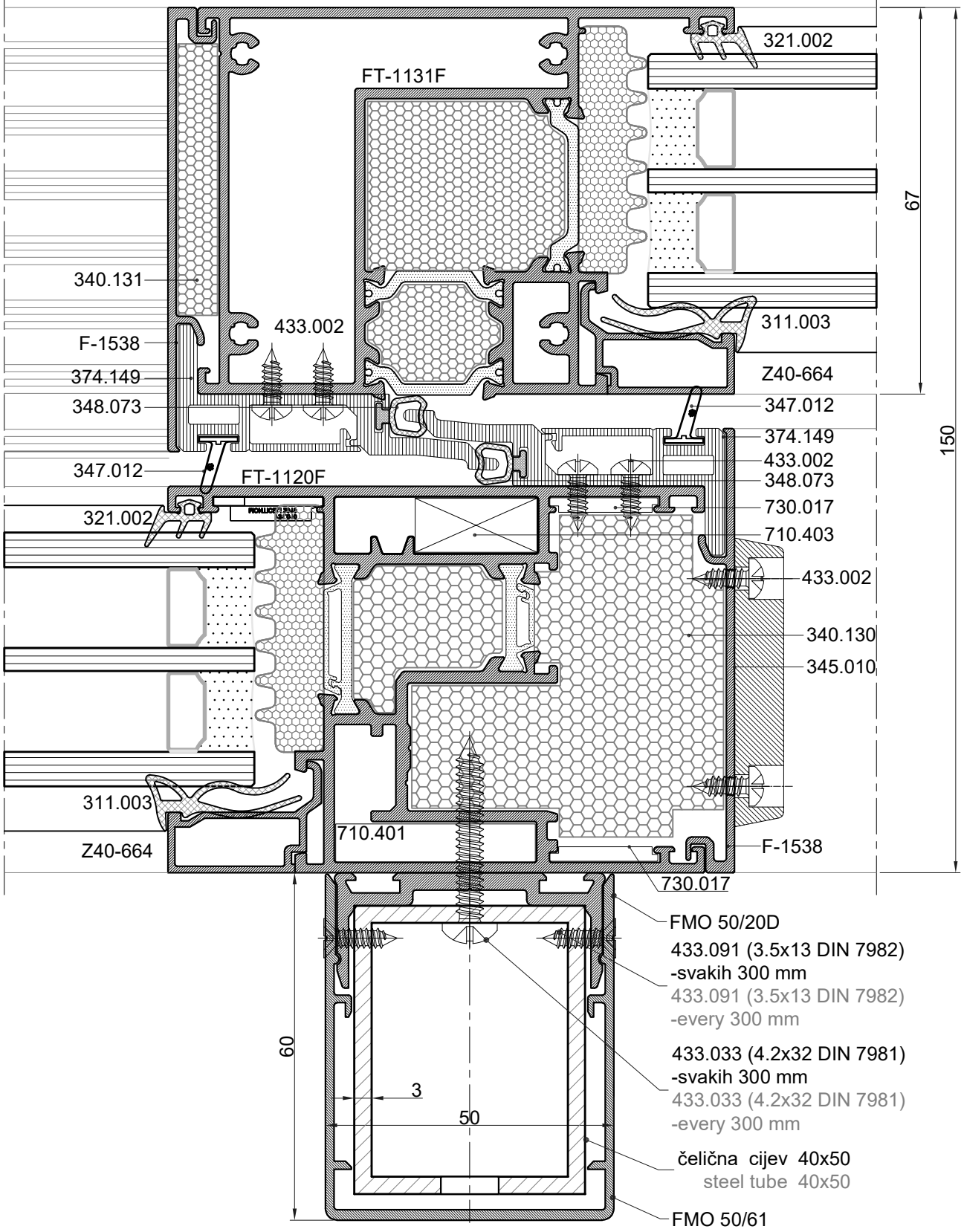



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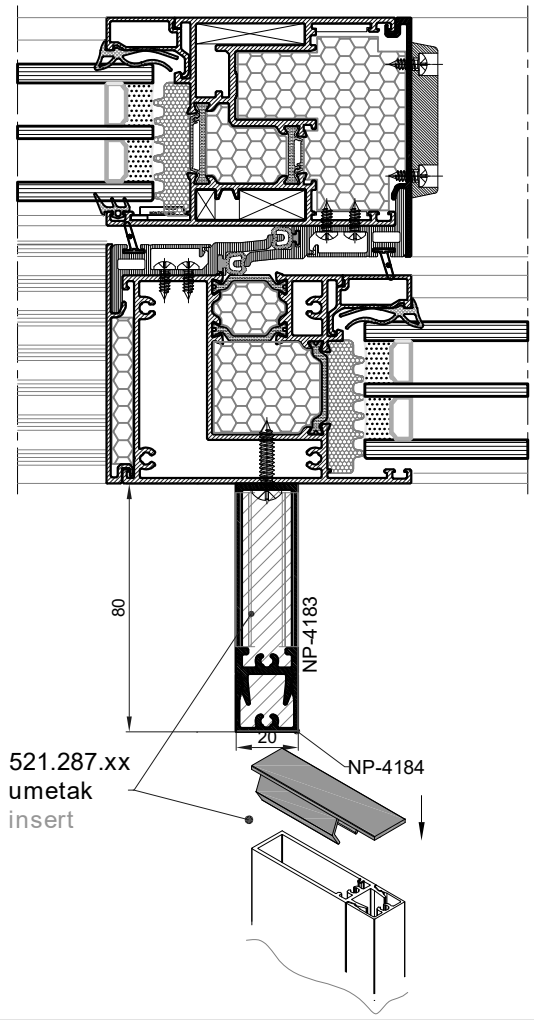


*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108

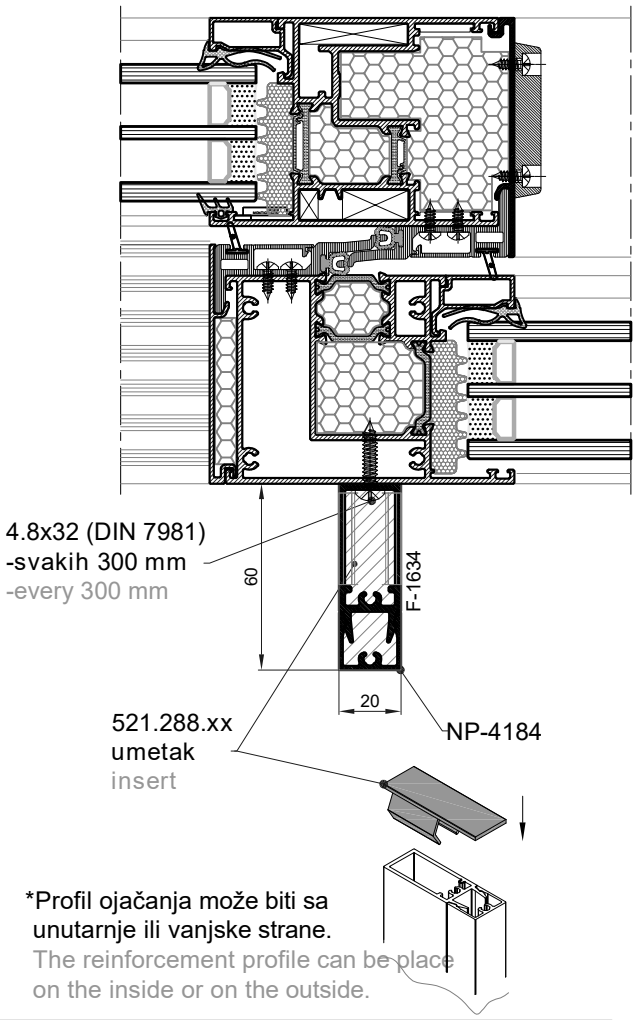



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FT-1120F
730.017
321.002
710.403
433.002
340.130
345.010
311.003
710.401
Z40-664
F-1538
730.017
FMO 50/20D
433.091 (3.5x13 DIN 7982)
-svakih 300 mm
433.091 (3.5x13 DIN 7982)
-every 300 mm
433.033 (4.2x32 DIN 7981)
-svakih 300 mm
433.033 (4.2x32 DIN 7981)
-every 300 mm
čelična cijev 40x50
steel tube 40x50
FMO 50/61
60
3
50

Ojačanje 80 mm
Reinforcement 80 mm

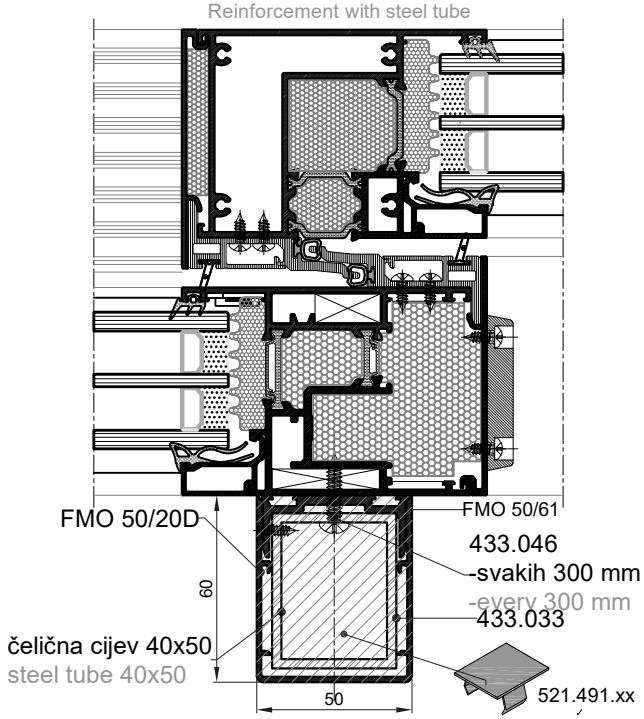


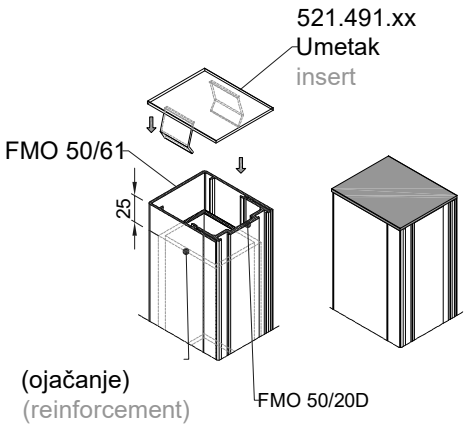
Ojačanje 60 mm
Reinforcement 60 mm



*Profil ojačanja može biti sa unutarnje ili vanjske strane.
The reinforcement profile can be place on the inside or on the outside.

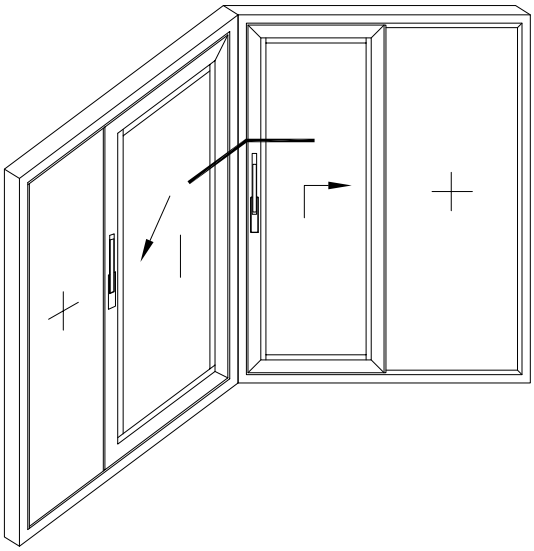
Ojačanje sa čeličnom cijevi
Reinforcement with steel tube

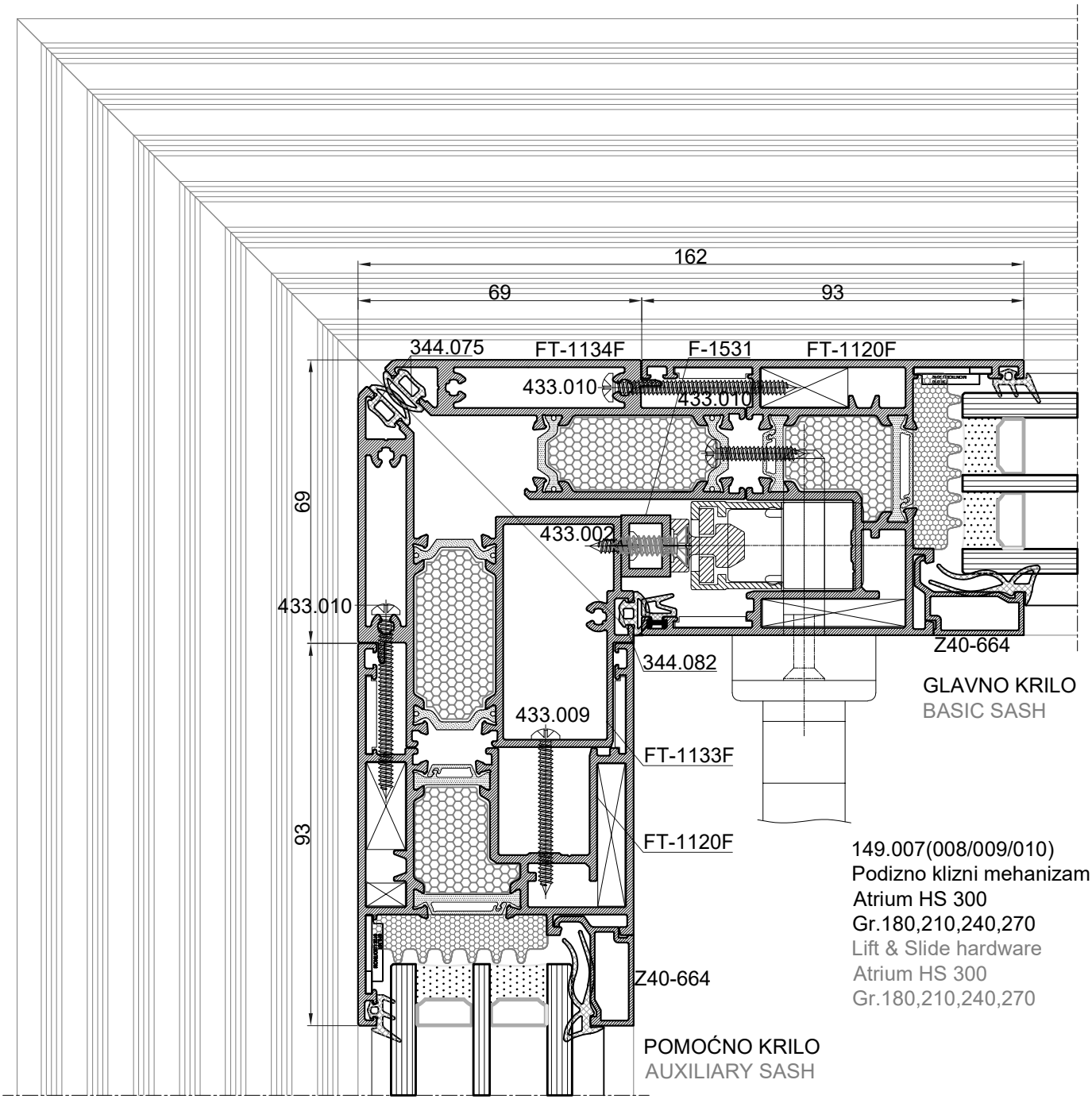


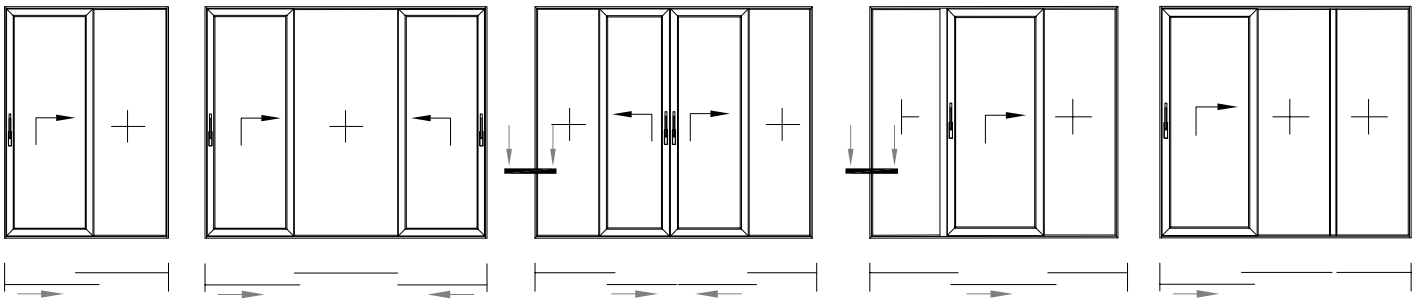


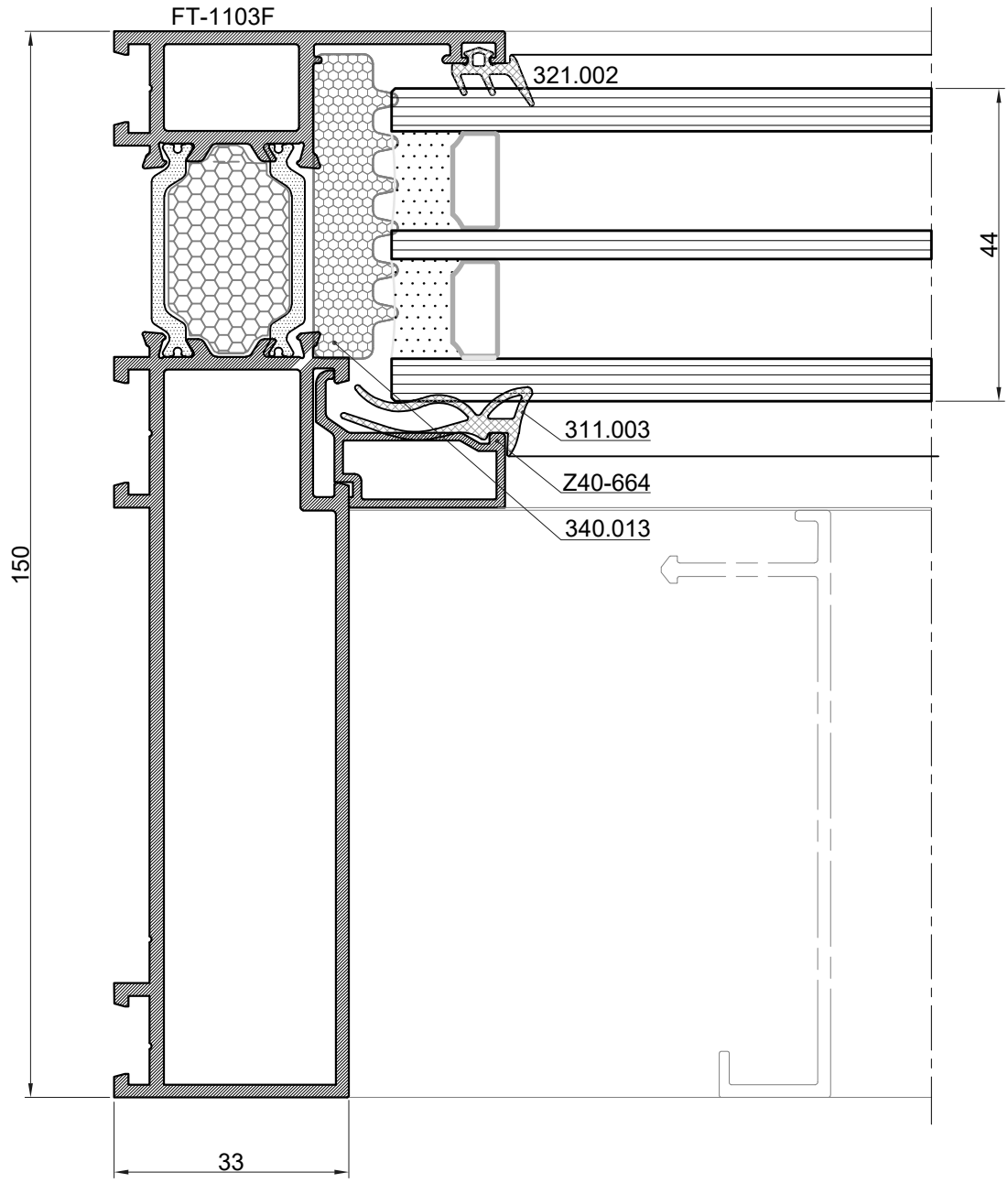
-Profil FMO 50/61 (maska ojačanja) mora biti 50 mm duži od profila ojačanja.
-FMO 50/61 profile (reinforcement mask) must be 50 mm longer than the reinforcement profile.

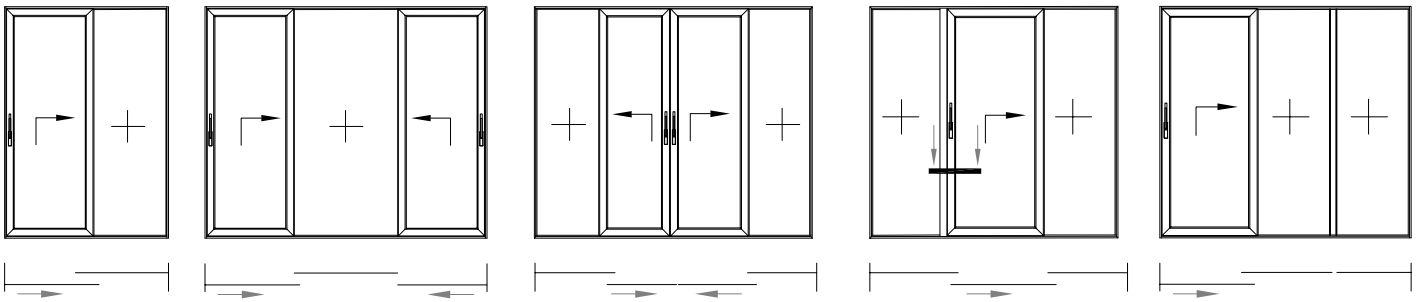
*Ojačanje sa čeličnom cijevi ide na vanjsku stranu profila prečke.
Reinforcement with steel tube goes to the exterior side of window crossbar.

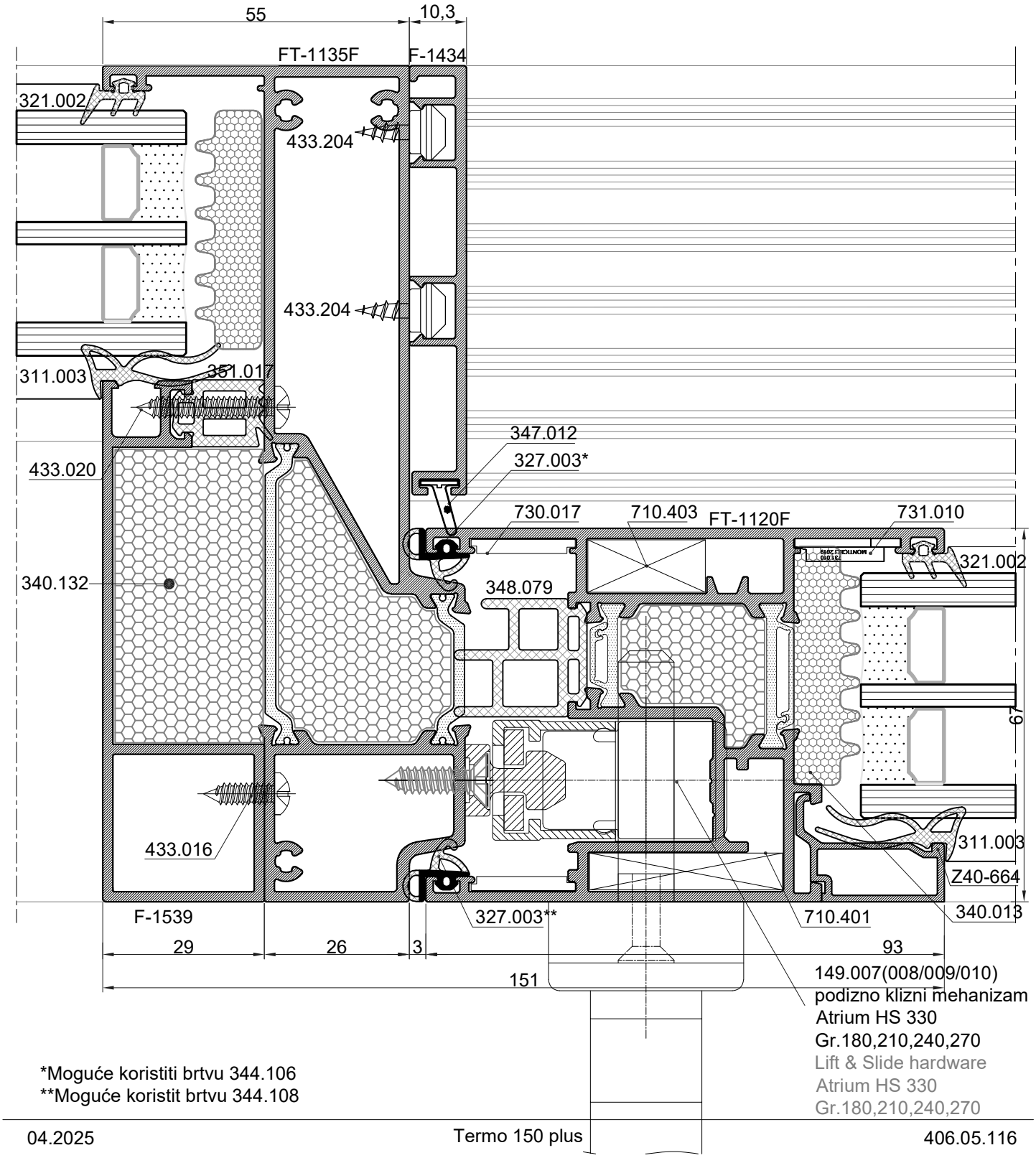



162
69
93
344.075
FT-1134F
F-1531
FT-1120F
433.010
433.010
433.002
433.010
69
93
Z40-664
344.082
GLAVNO KRILO
BASIC SASH
433.009
FT-1133F
FT-1120F
149.007(008/009/010)
Podizno klizni mehanizam
Atrium HS 300
Gr.180,210,240,270
Lift & Slide hardware
Atrium HS 300
Gr.180,210,240,270
Z40-664
POMOĆNO KRILO
AUXILIARY SASH

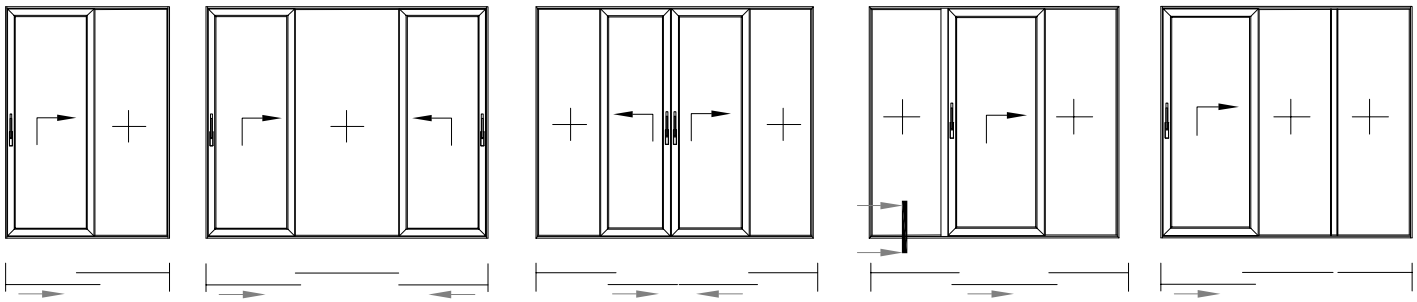


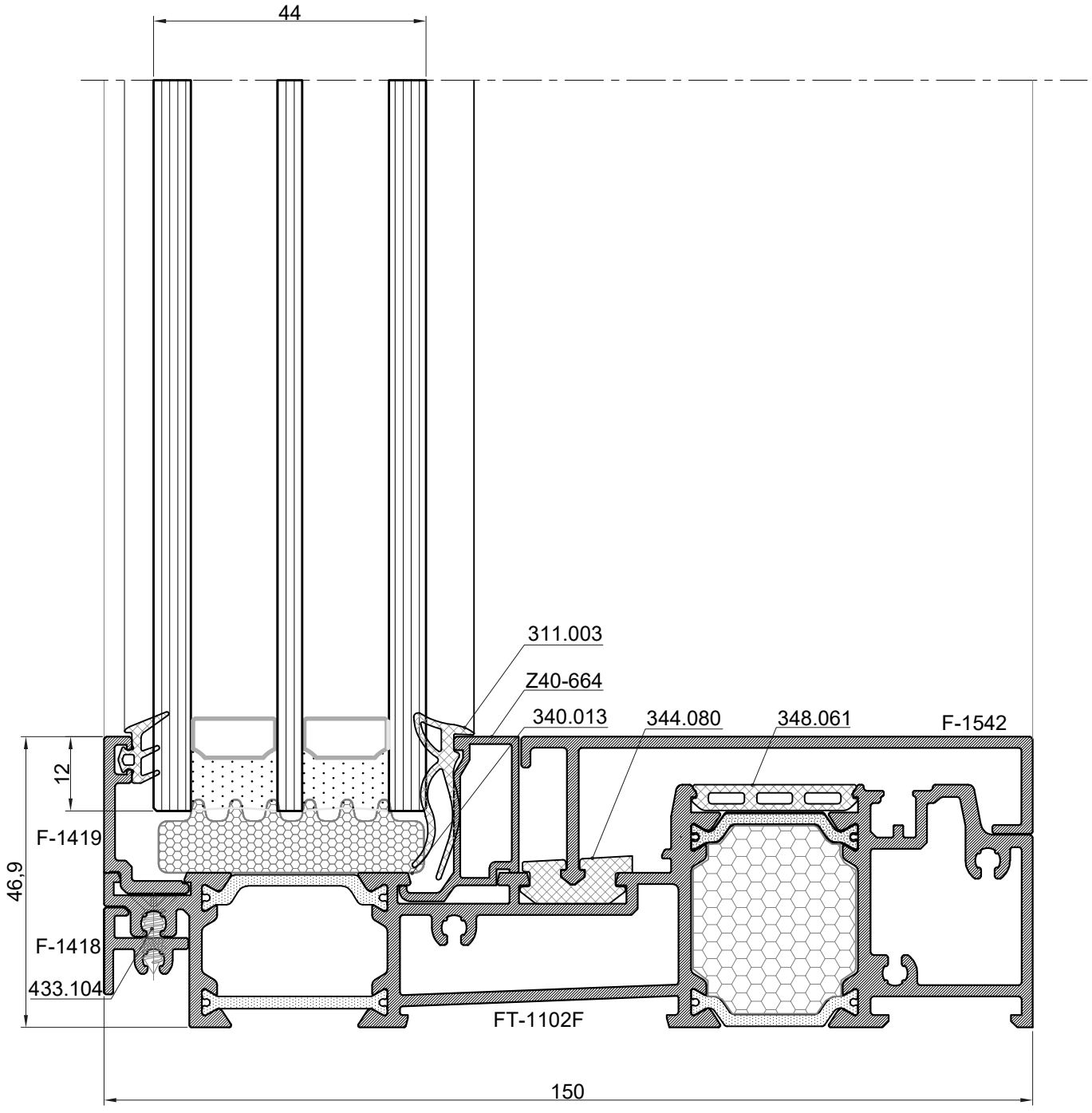

FT-1103F
321.002
44
311.003
Z40-664
340.013
150
33

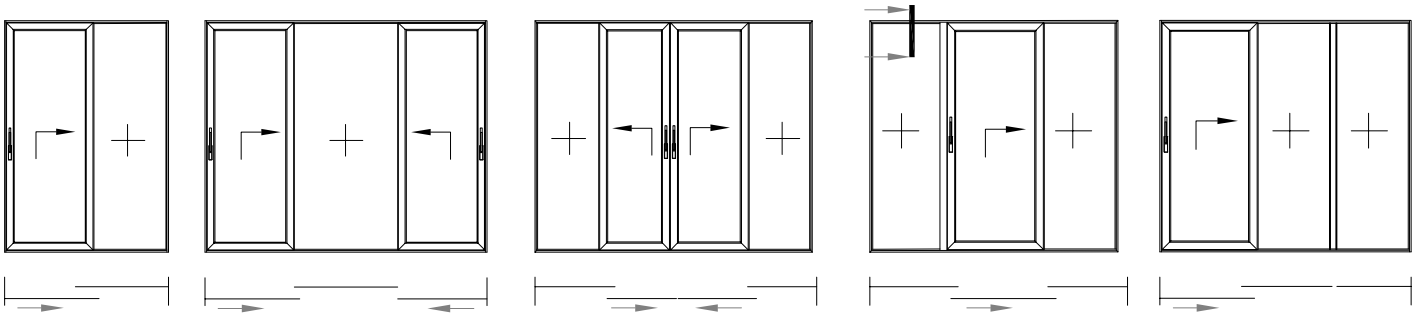


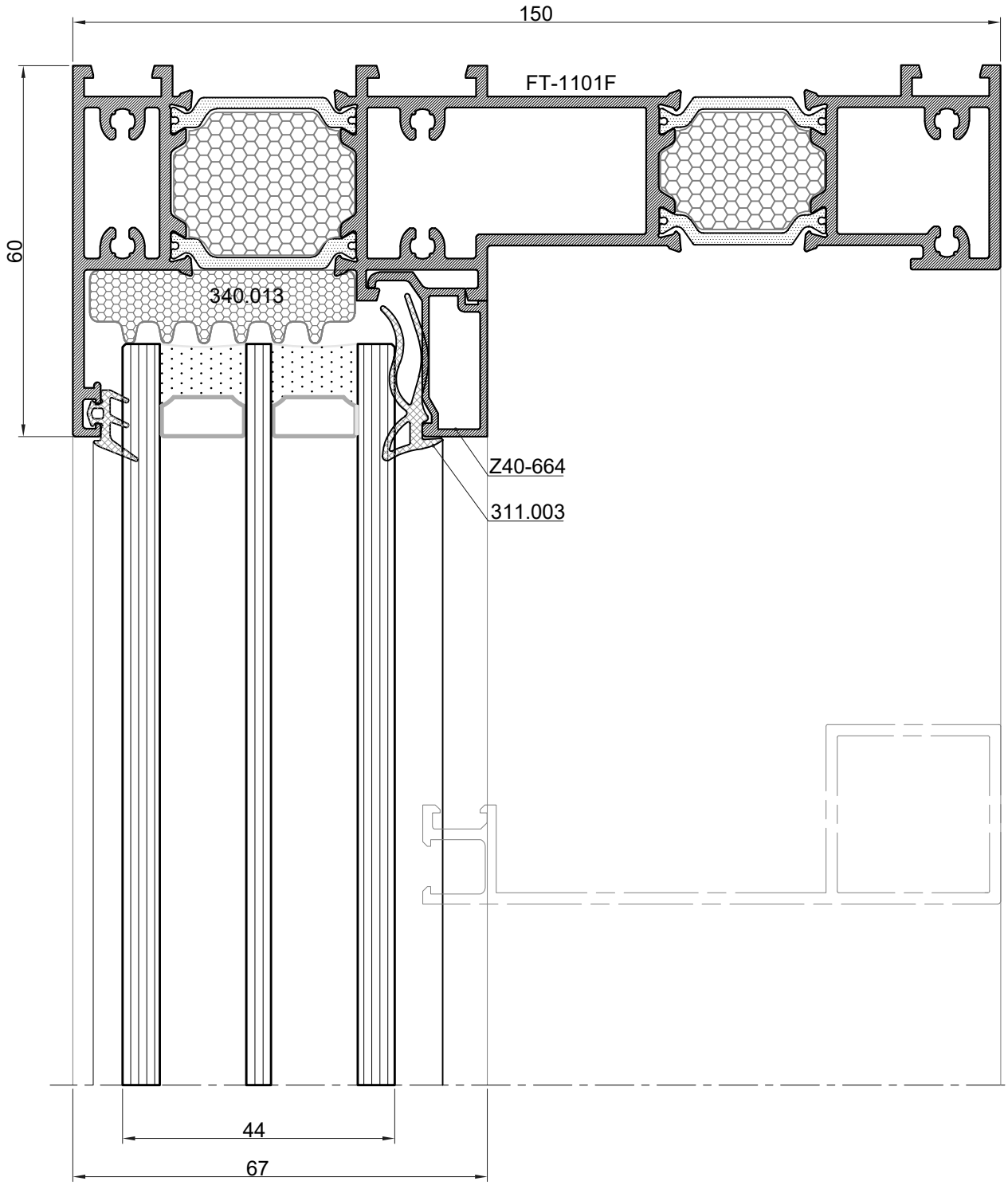


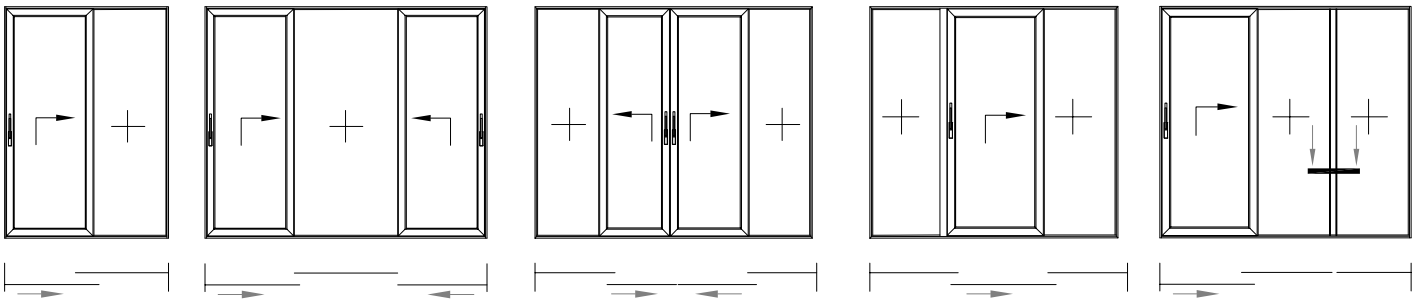
*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108

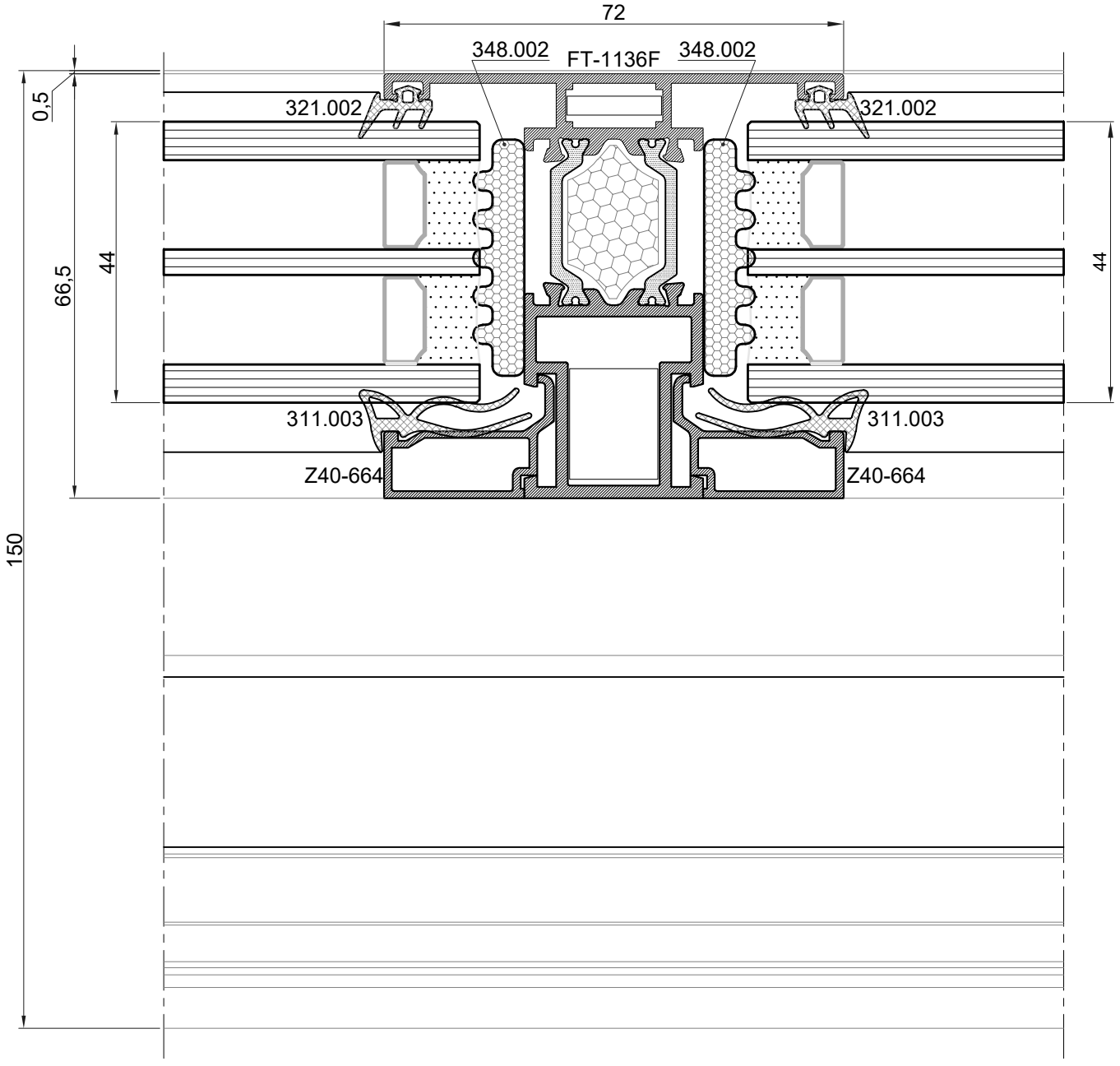


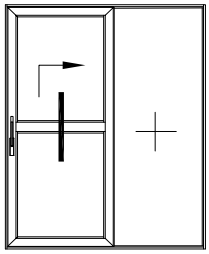

44
311.003
Z40-664
340.013
344.080
348.061
F-1542
12
F-1419
46,9
F-1418
433.104
FT-1102F
150

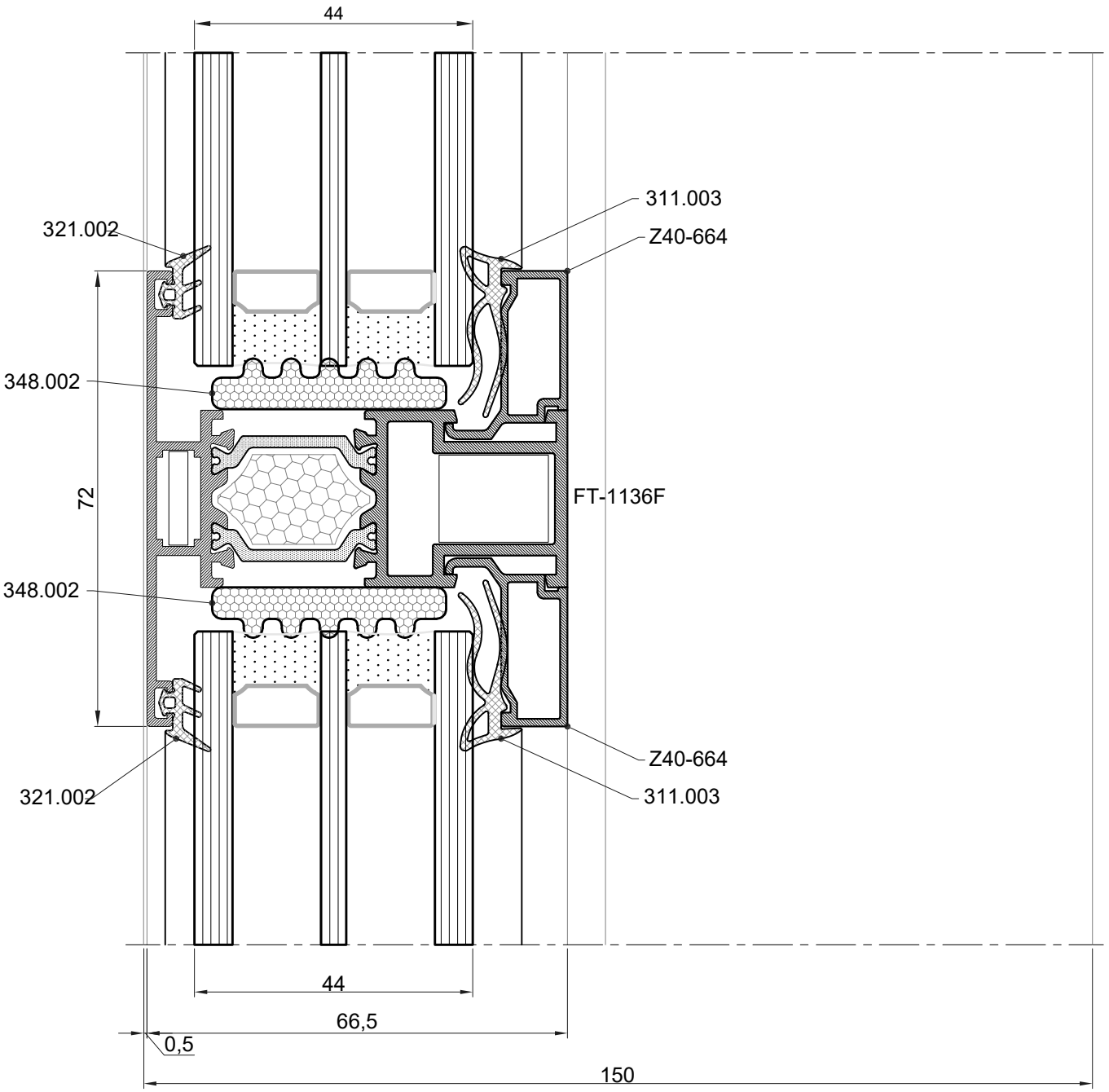


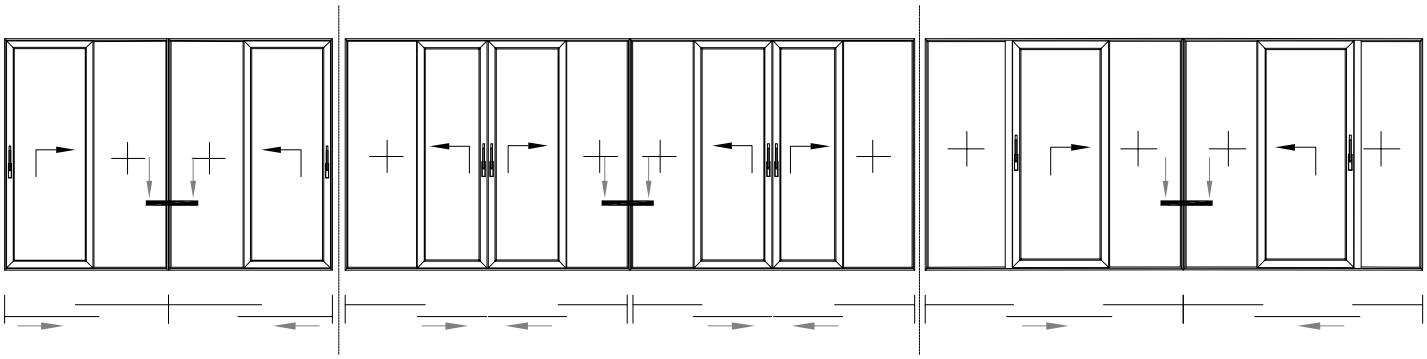

150
60
FT-1101F
340.013
Z40-664
311.003
44
67

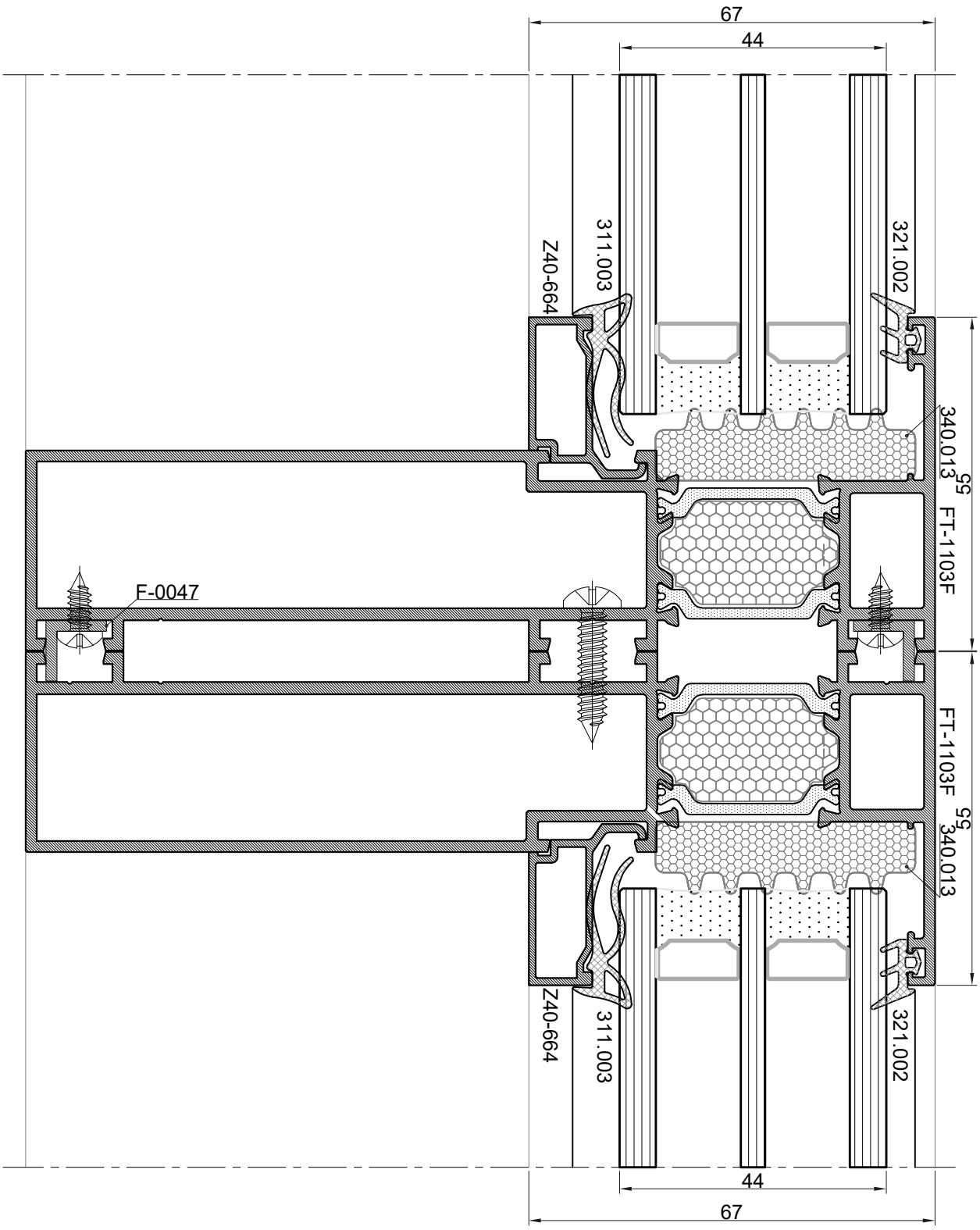


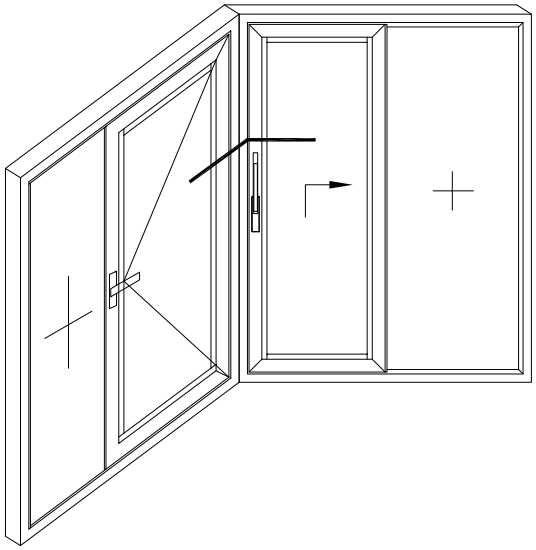

72
348.002
FT-1136F
348.002
321.002
321.002
0,5
66,5
44
44
311.003
311.003
Z40-664
Z40-664
150



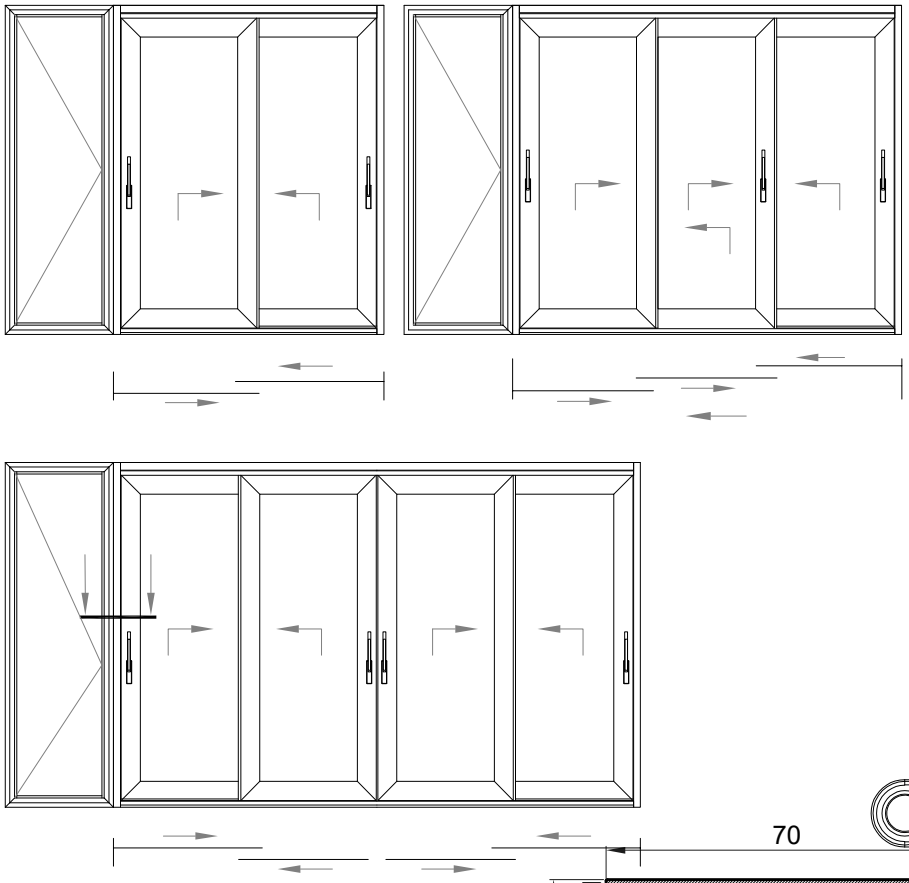

44
311.003
Z40-664
321.002
348.002
72
FT-1136F
348.002
Z40-664
321.002
311.003
44
66,5
0,5
150




67
44
311.003
Z40-664
321.002
340.013
55
FT-1103F
F-0047
FT-1103F
55
340.013
Z40-664
311.003
321.002
44
67



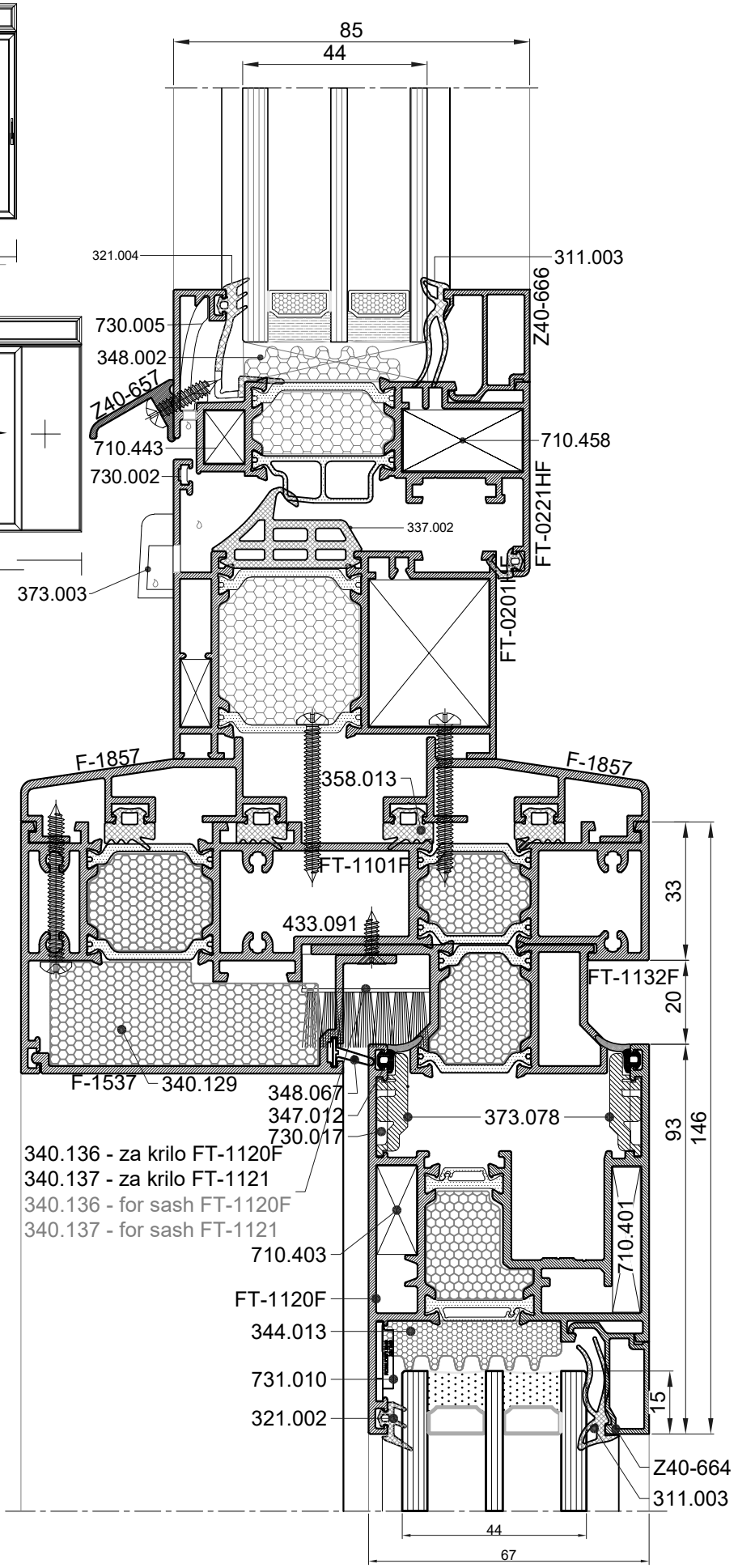
Termo 150 + Termo 85 bočna ugradnja
Termo 85 side mounting

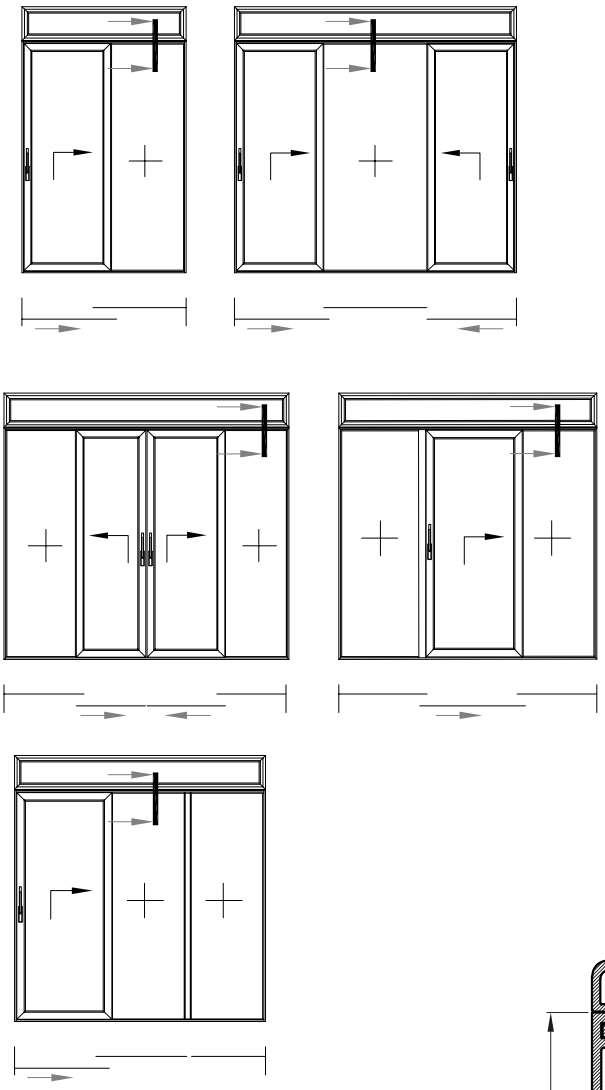


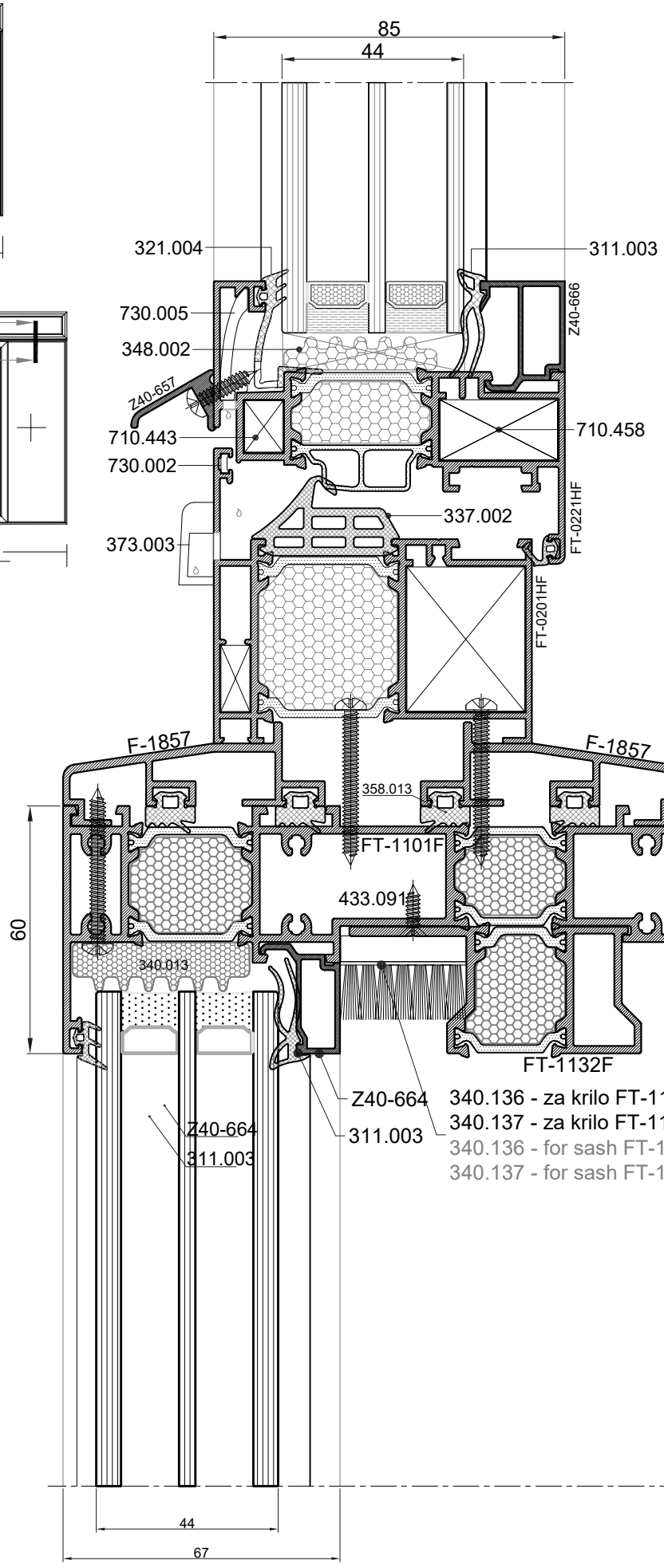
Termo 85 bočna ugradnja
Termo 85 side mounting



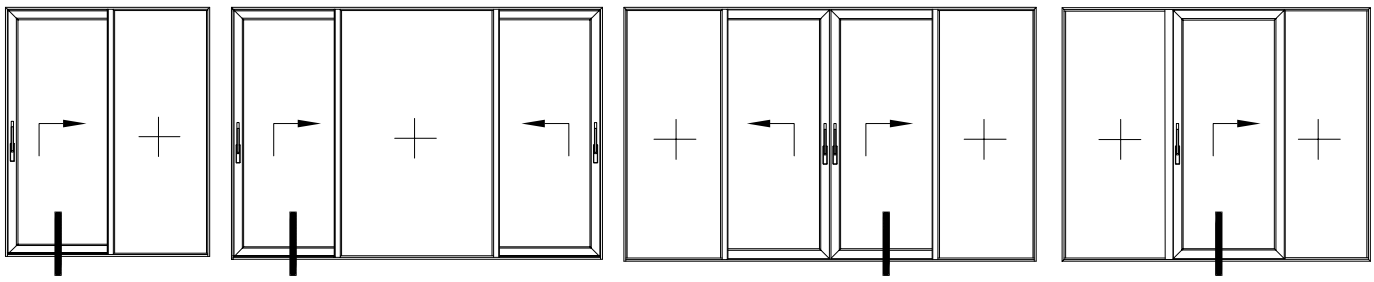
Ugradnja profila F-1857
Profil za ugradnju nadsvijetla
Installation of the profila F-1857
Profile for installation toplight window

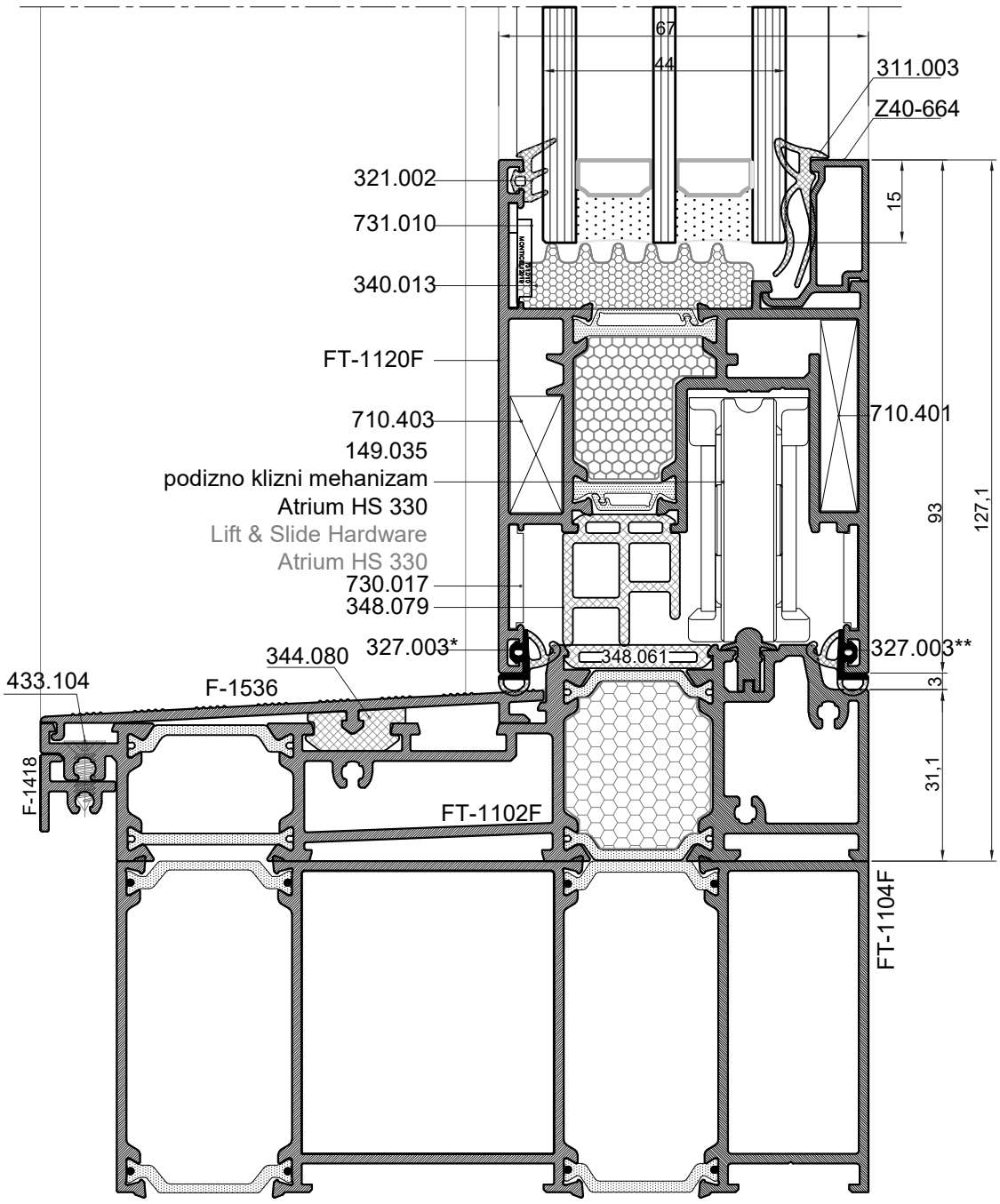


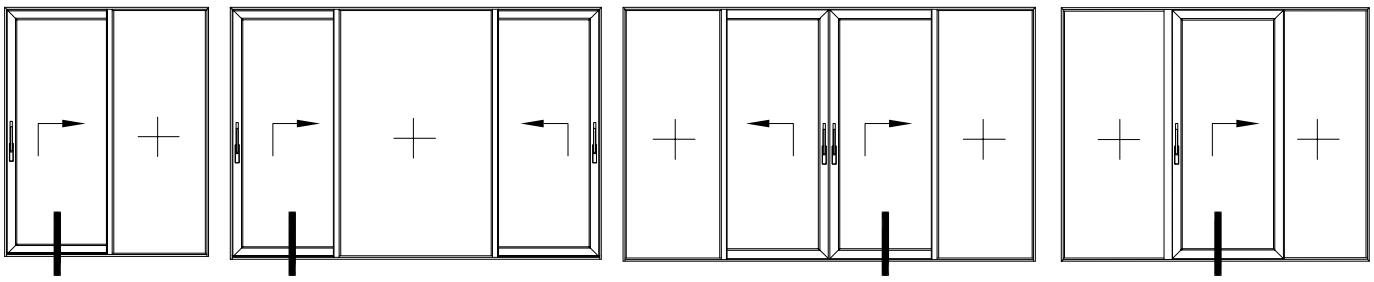


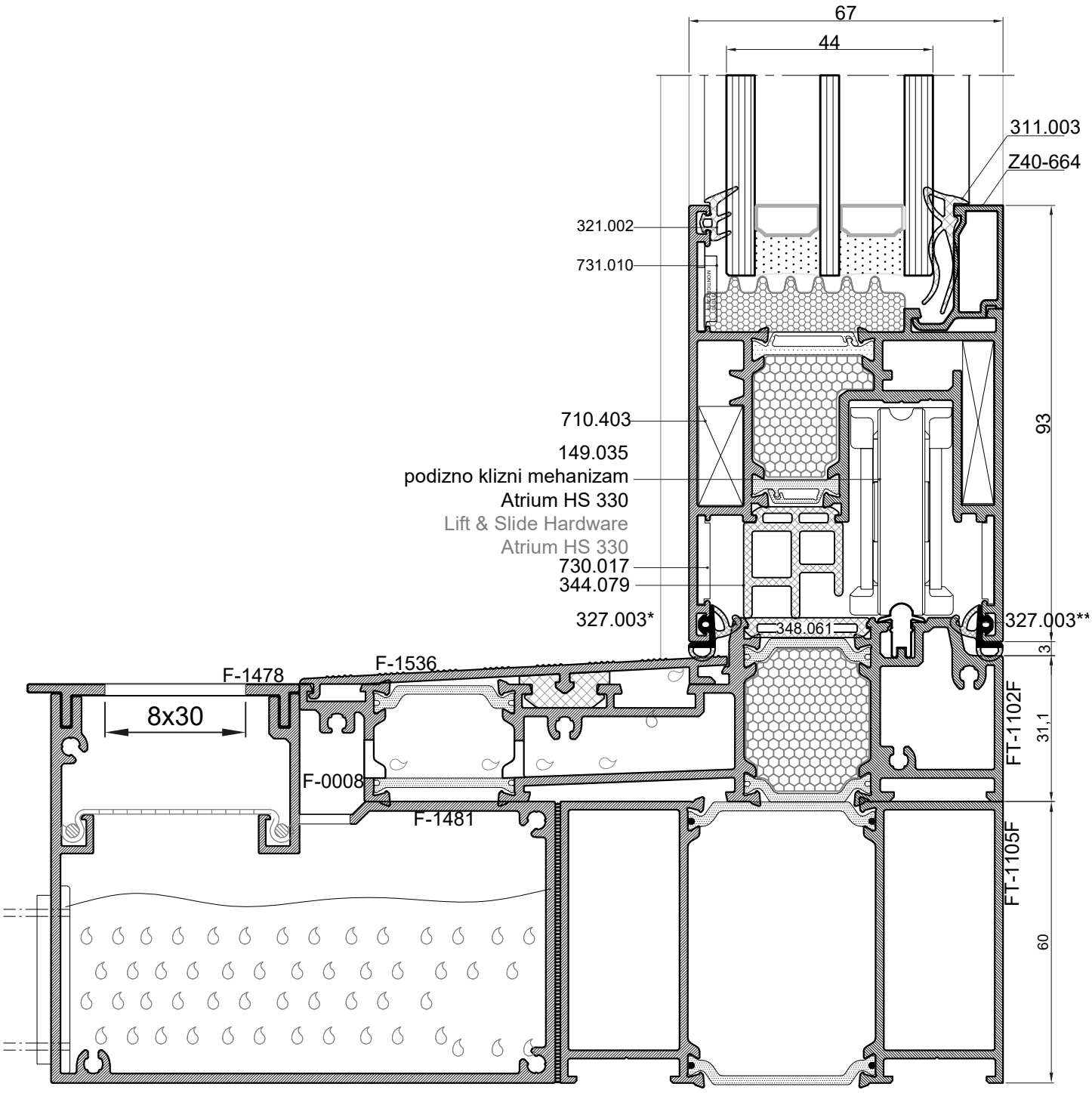


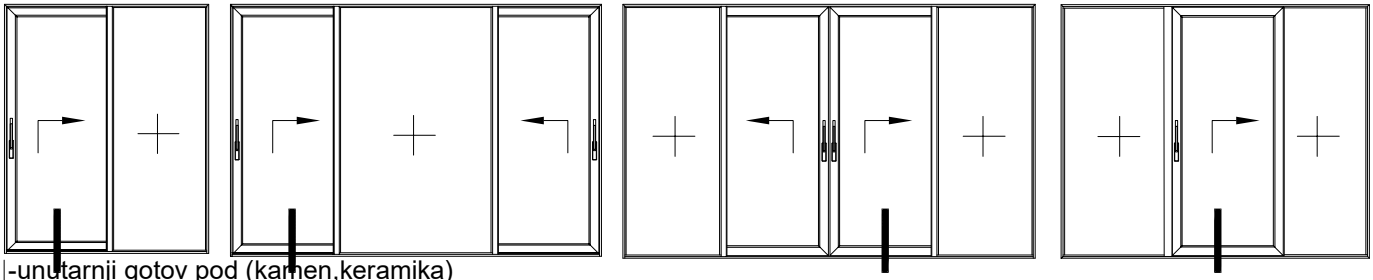
Ugradnja profila F-1857
Profil za ugradnju nadsvijetla
Installation of the profila F-1857
Profile for installation toplight window




67
44
311.003
Z40-664
321.002
731.010
340.013
FT-1120F
710.403
149.035
podizno klizni mehanizam
Atrium HS 330
Lift & Slide Hardware
Atrium HS 330
730.017
348.079
327.003*
344.080
433.104
F-1536
F-1418
FT-1102F
348.061
710.401
327.003**
15
93
127,1
3
31,1
FT-1104F

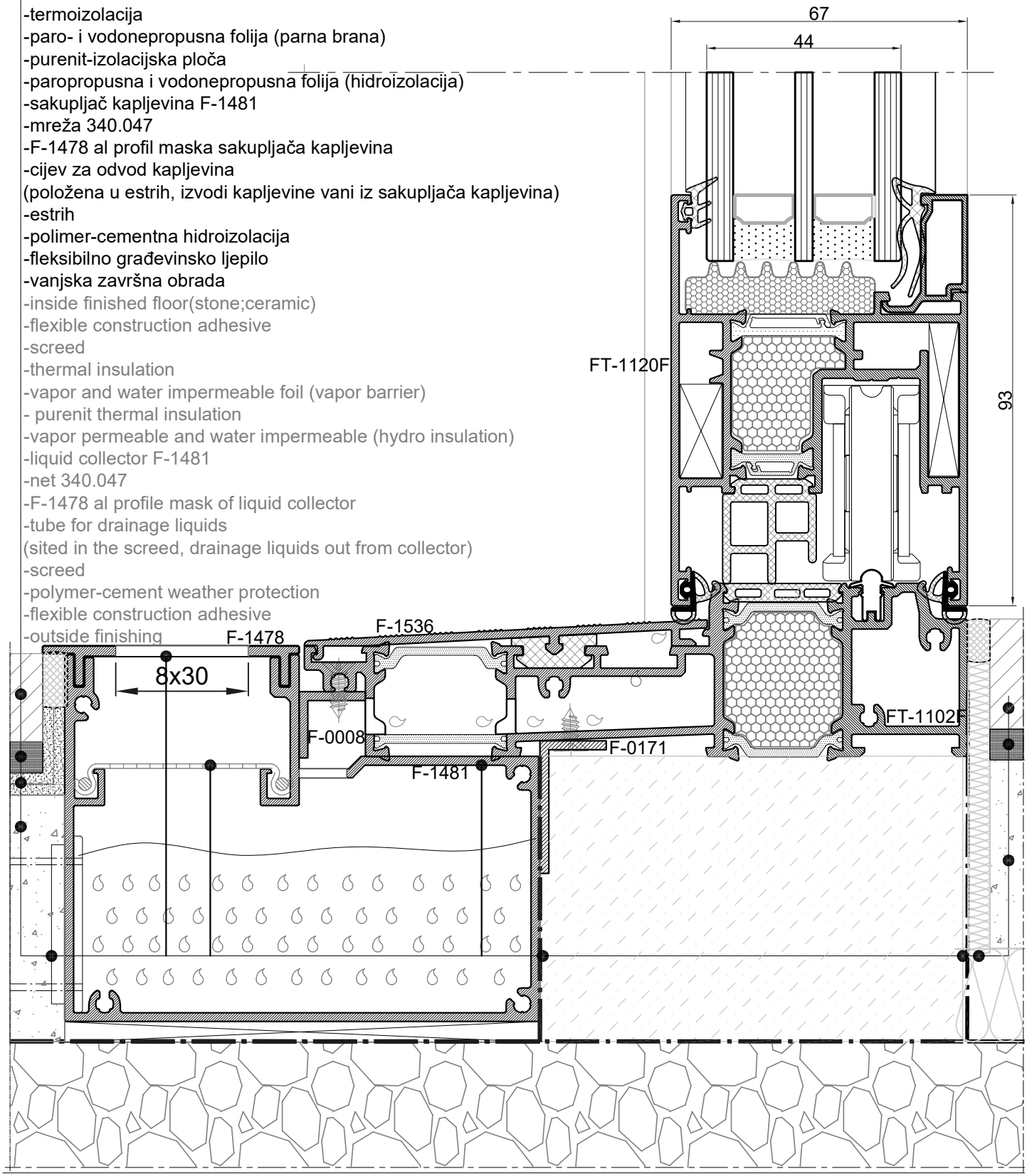



67
44
311.003
Z40-664
321.002
731.010
710.403
149.035
podizno klizni mehanizam
Atrium HS 330
Lift & Slide Hardware
Atrium HS 330
730.017
344.079
327.003*
348.061
327.003**
93
3
31,1
FT-1102F
FT-1105F
60
F-1478
F-1536
8x30
F-0008
F-1481

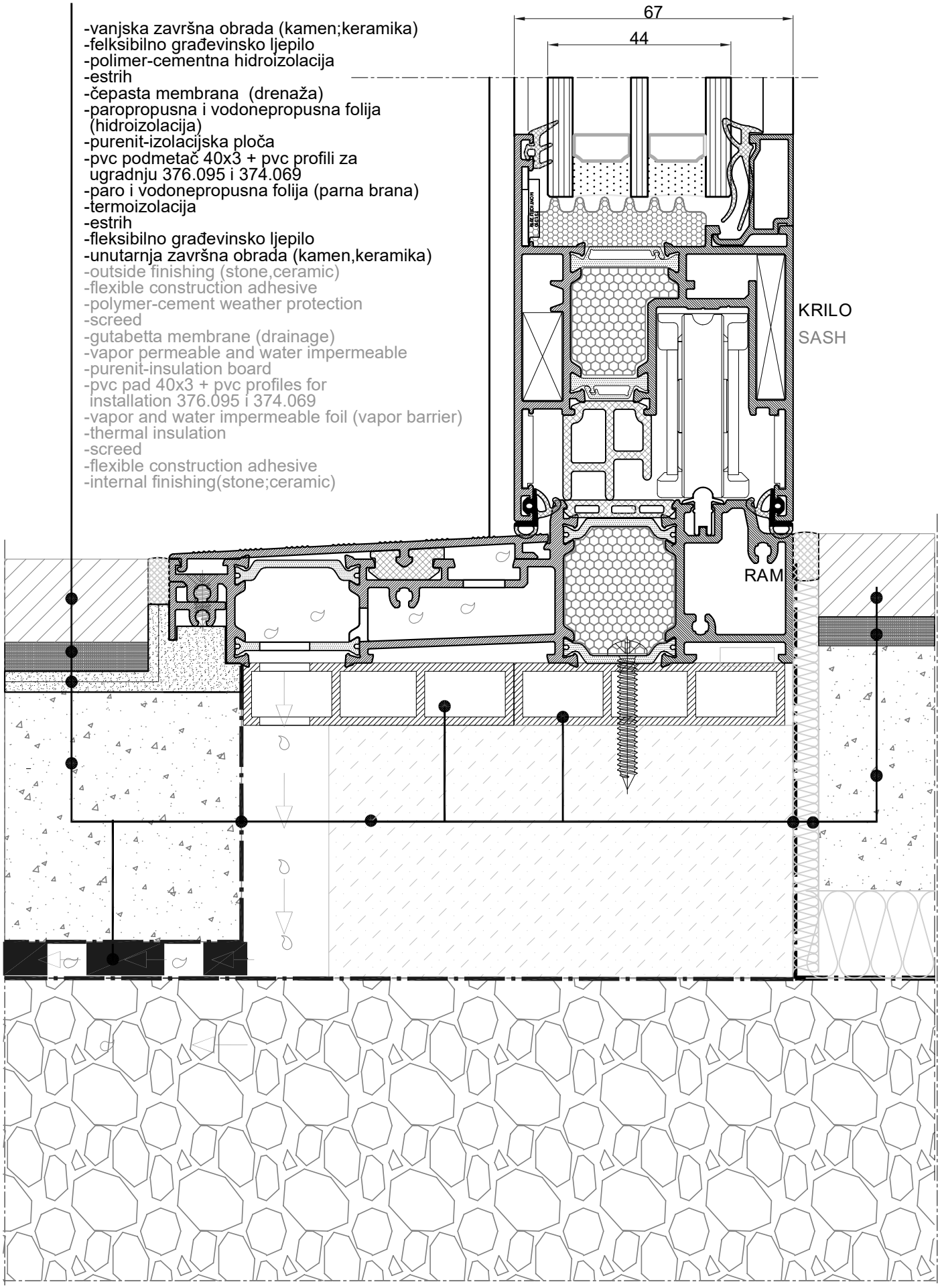


-unutarnji gotov pod (kamen,keramika)
-fleksibilno građevibsko ljepilo
-estrih
-termoizolacija
-paro- i vodonepropusna folija (parna brana)
-purenit-izolacijska ploča
-paropropusna i vodonepropusna folija (hidroizolacija)
-sakupljač kapljevina F-1481
-mreža 340.047
-F-1478 al profil maska sakupljača kapljevina
-cijev za odvod kapljevina
(položena u estrih, izvodi kapljevine vani iz sakupljača kapljevina)
-estrih
-polimer-cementna hidroizolacija
-fleksibilno građevinsko ljepilo
-vanjska završna obrada

-inside finished floor(stone;ceramic)
-flexible construction adhesive
-screed
-thermal insulation
-vapor and water impermeable foil (vapor barrier)
- purenit thermal insulation
-vapor permeable and water impermeable (hydro insulation)
-liquid collector F-1481
-net 340.047
-F-1478 al profile mask of liquid collector
-tube for drainage liquids
(sited in the screed, drainage liquids out from collector)
-screed
-polymer-cement weather protection
-flexible construction adhesive
-outside finishing

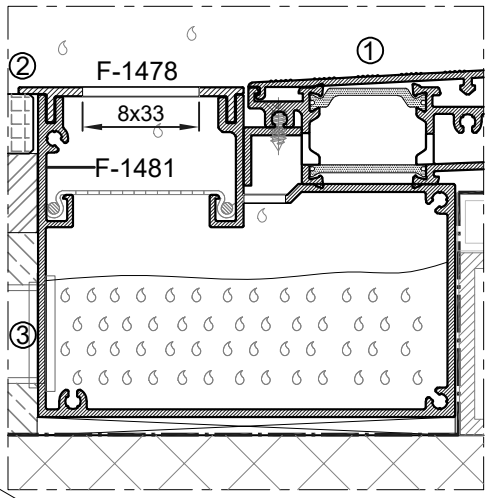


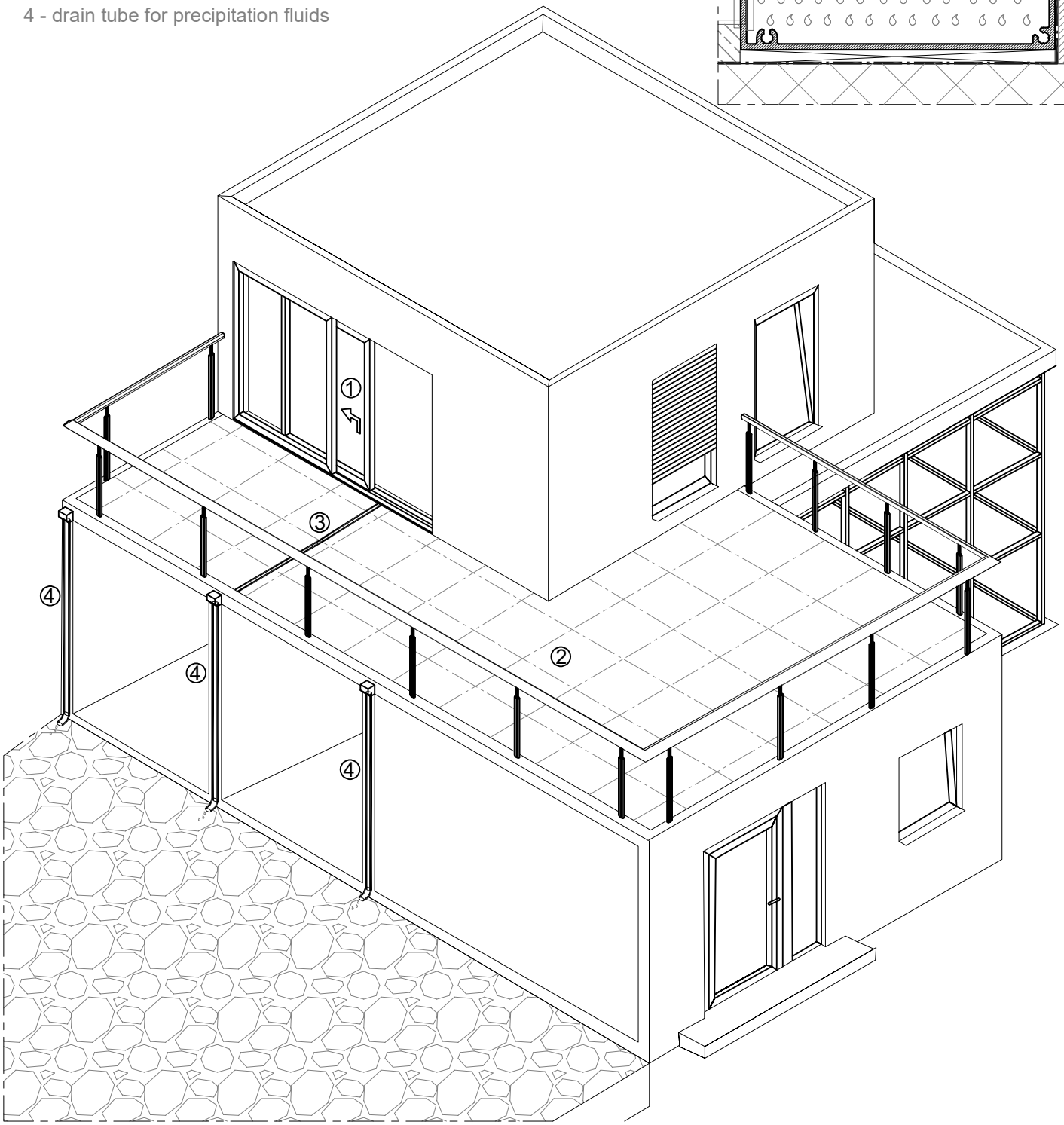
-vanjska završna obrada (kamen;keramika)
-felksibilno građevinsko ljepilo
-polimer-cementna hidroizolacija
-estrih
-čepasta membrana (drenaža)
-paropropusna i vodonepropusna folija (hidroizolacija)
-purenit-izolacijska ploča
-pvc podmetač 40x3 + pvc profili za ugradnju 376.095 i 374.069
-paro i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevinsko ljepilo
-unutarnja završna obrada (kamen,keramika)
-outside finishing (stone,ceramic)
-flexible construction adhesive
-polymer-cement weather protection
-screed
-gutabetta membrane (drainage)
-vapor permeable and water impermeable
-purenit-insulation board
-pvc pad 40x3 + pvc profiles for installation 376.095 i 374.069
-vapor and water impermeable foil (vapor barrier)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing(stone;ceramic)

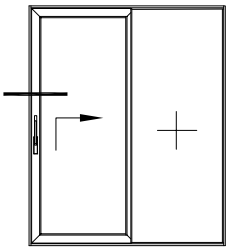


Prikaz odvodnje vode sa dodadnim profilom za sakupljanje kapljevina za klizne sisteme (niske pragove do 20 mm):
1 - klizni sistemi (ugradnja sa visinom praga u odnosu na gotov pod do 20 mm)
2 - terasa
3 - cijev za odvod kapljevina iz kliznog sistema preko dodatnog profila za sakupljanje kroz estrih (preko terase) u svodnu cijev za oborinske vode
4 - svodne cijevi za oborinske vode

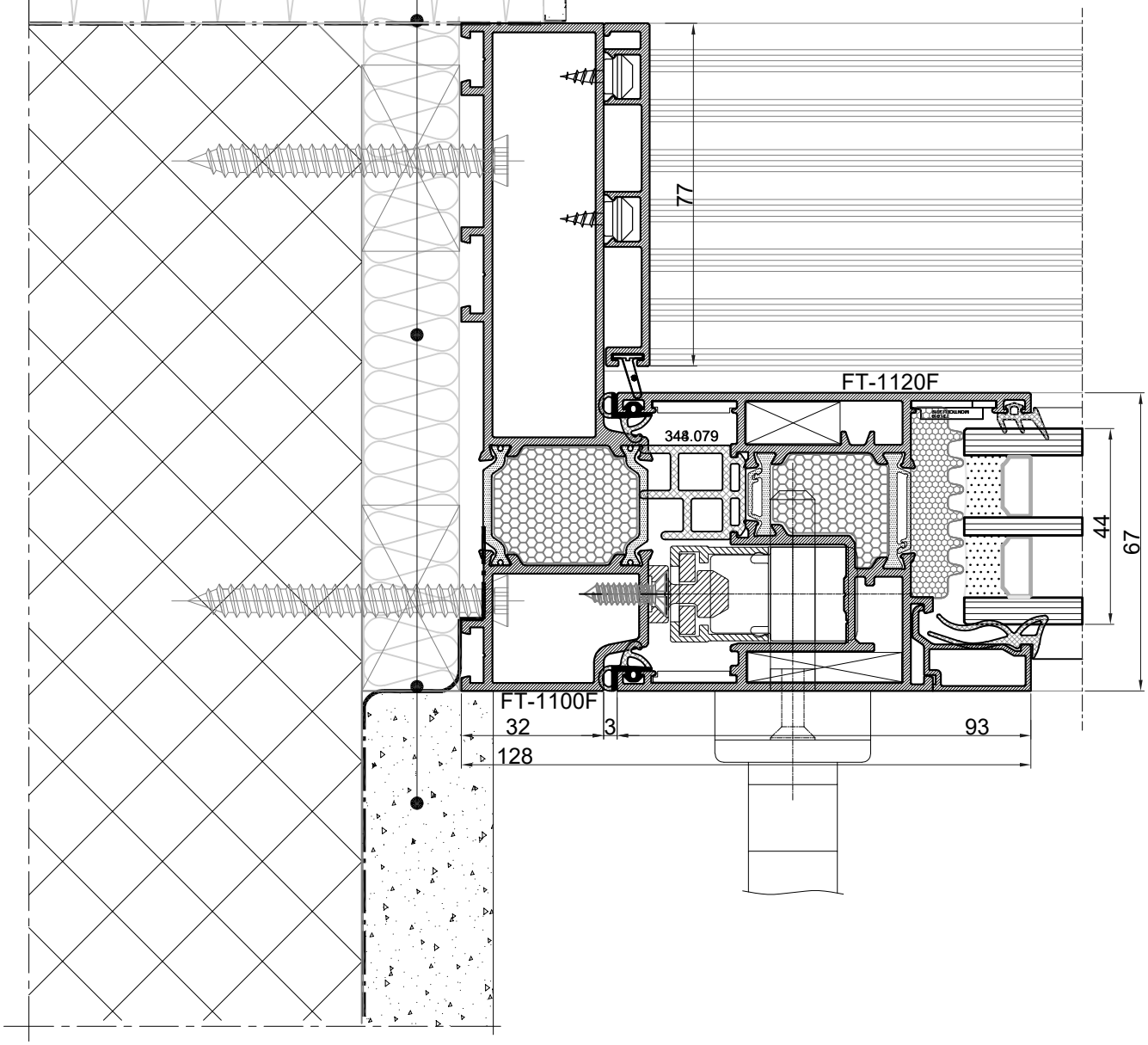
An overview of the drainage with additional profile for collecting liquid of sliding system (lower threshold up to 20 mm):
1 - sliding system (installation with threshold height in relation of the finished floor up to 20 mm)
2 - terrace
3 - the drainage tube from sliding system over additional profile for collecting liquid through screed (over terrace) into drain tube for precipitation fluids
4 - drain tube for precipitation fluids

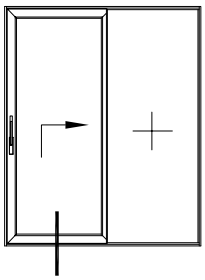




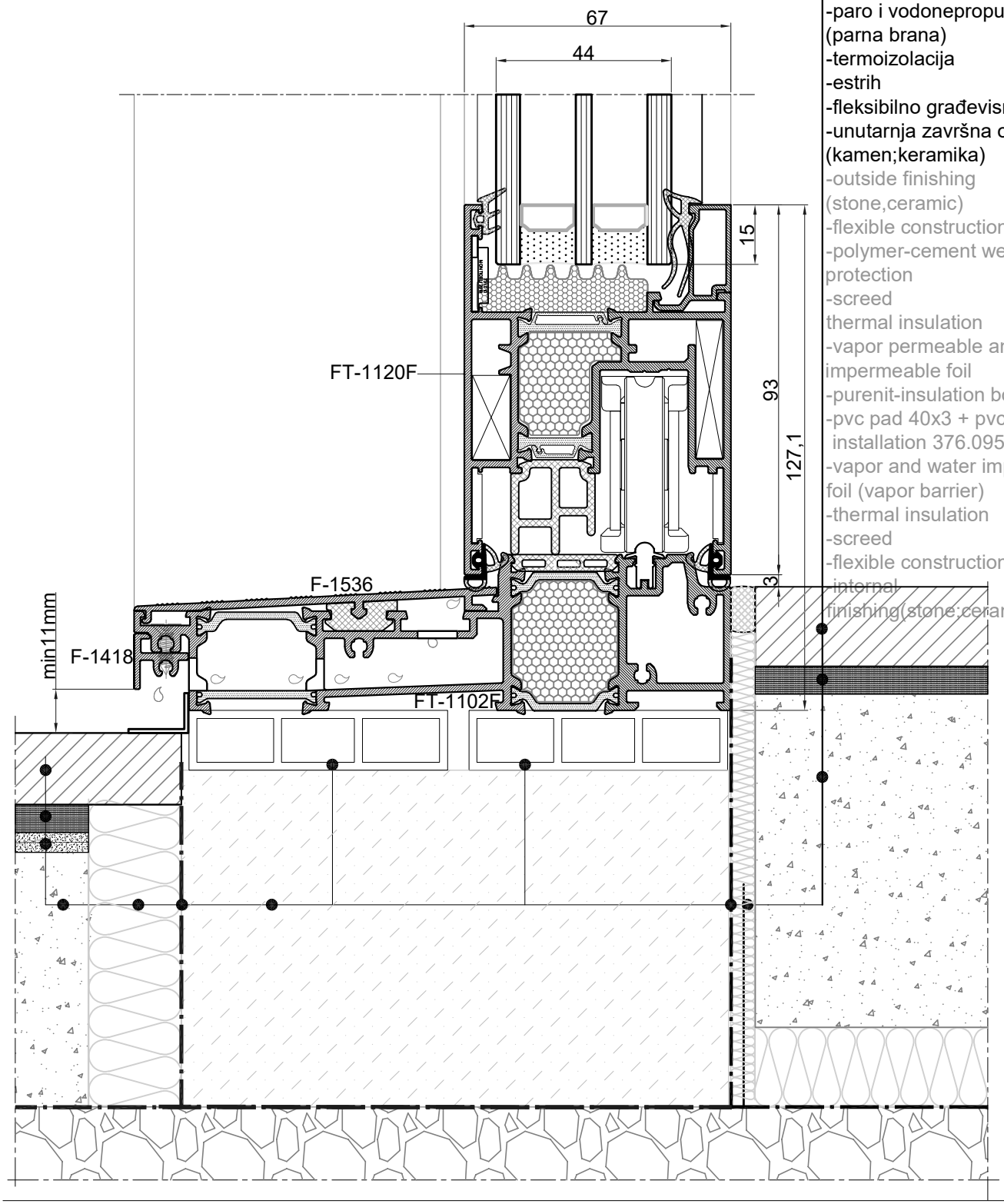


-vanjska završna obrada
-vanjska toplinska izolacija
-paropropusna i vodonepropusna folija (hidroizolacija)
-toplinska izolacija
-paro- i vodonepropusna folija (parna brana)
-unutarnja završna obrada
-outside finishing
-outside thermal insulation
-vapor permeable and water impermeable foil (hydro insulation)
-thermal insulation
-vapor and water impermeable foil (vapor barrier)
-internal finishing

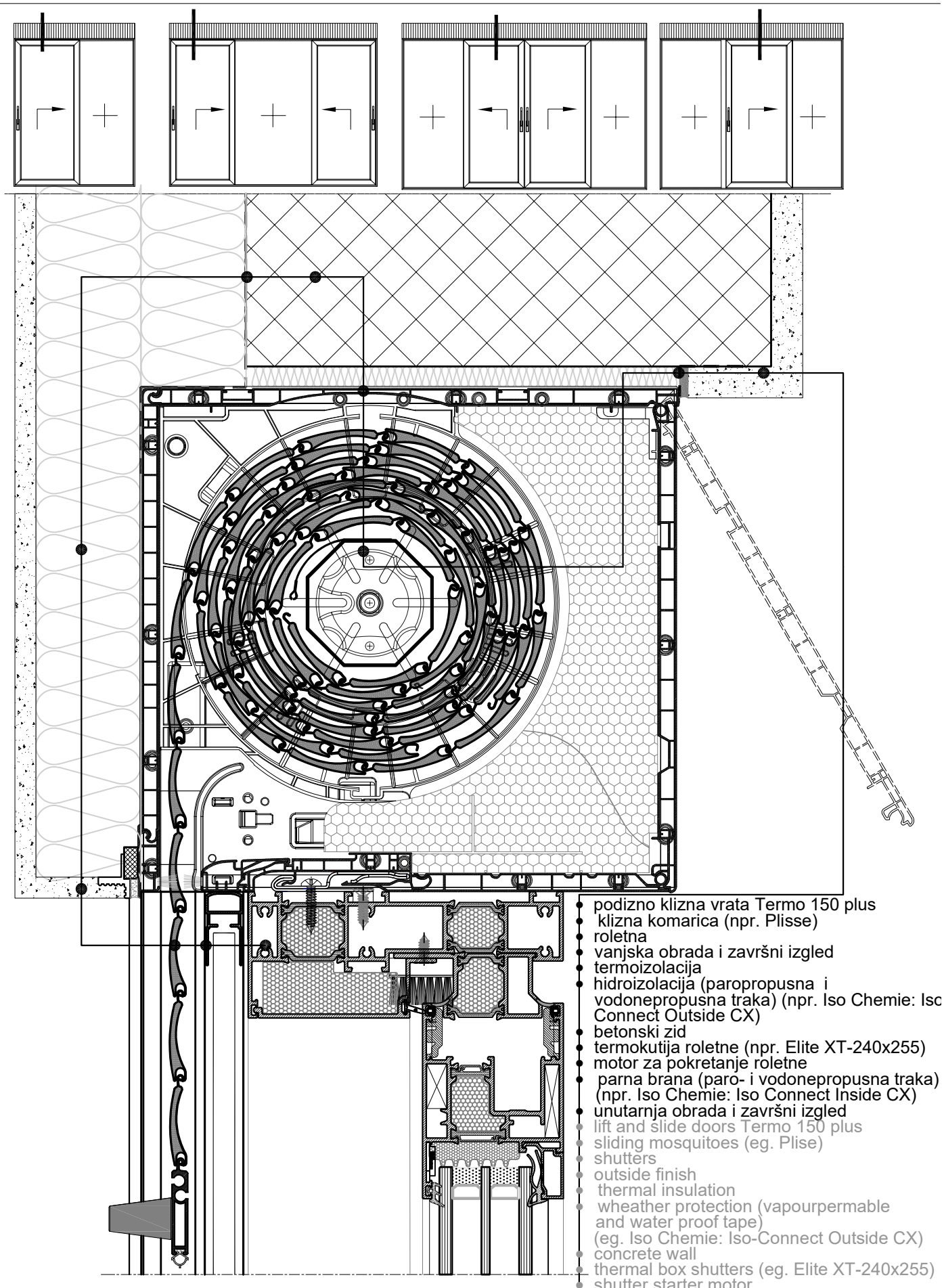




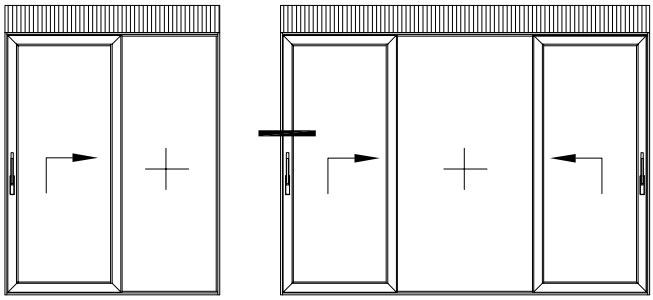
NAPOMENA:
Ovakav način montaže primjenjiv je za pozicije koje nisu izložene direktnom udaru vjetra i vode
This mounting method is applicable for positions that are not exposed direct impact of wind and water



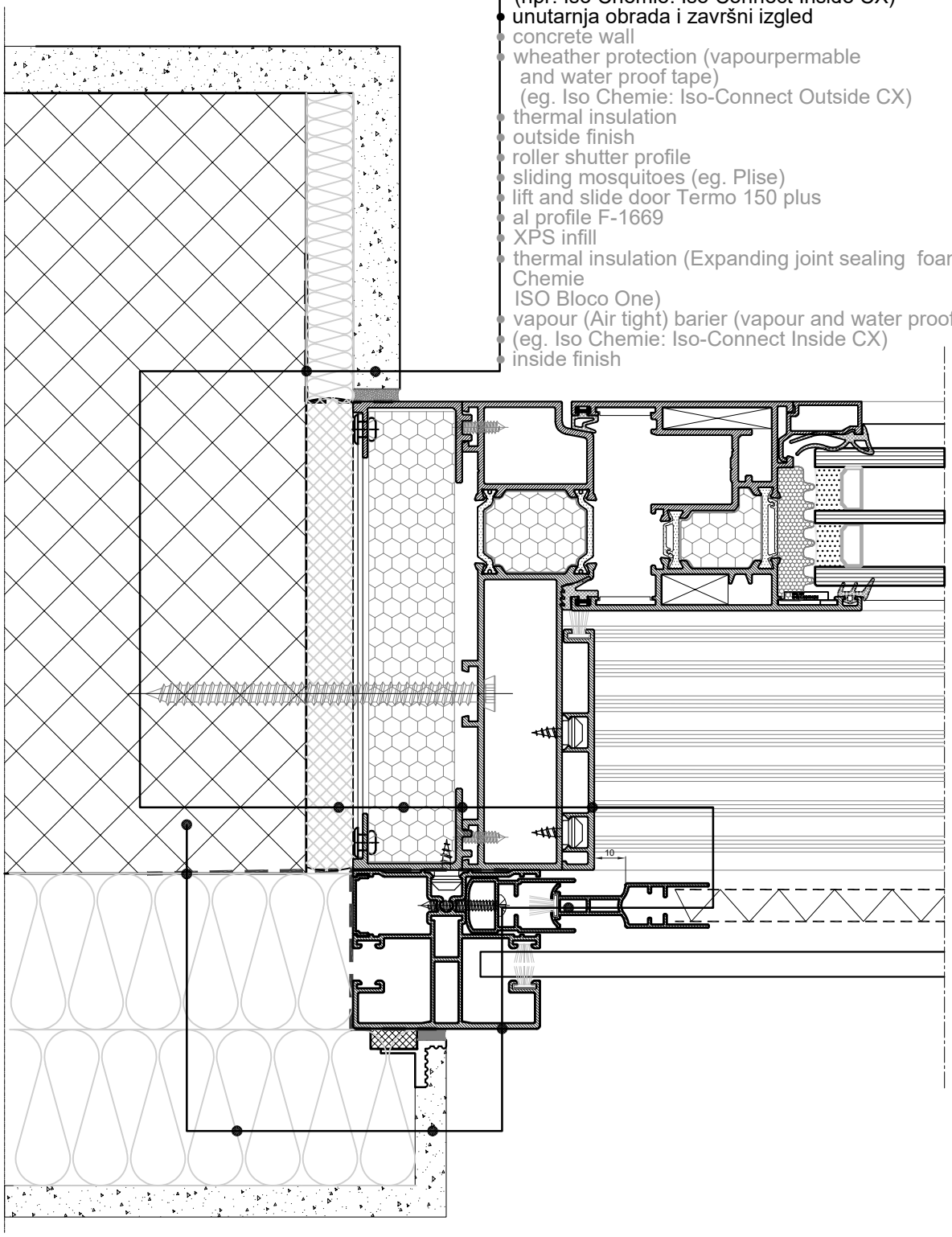
-vanjska završna obrada (kamen; keramika)
-fleksibilno građevinsko ljepilo
-polimer-cementna hidroizolacija
-estrih
-termoizolacija
-paropropusna i vodonepropusna folija (hidroizolacija)
-purenit-izolacijska ploča
-pvc podmetač 40x3 + pvc profili za ugradnju 376.095 i 374.069
-paro i vodonepropusna folija (parna brana)
-termoizolacija
-estrih
-fleksibilno građevisnko ljepilo
-unutarnja završna obrada (kamen;keramika)
-outside finishing (stone,ceramic)
-flexible construction adhesive
-polymer-cement weather protection
-screed
thermal insulation
-vapor permeable and water impermeable foil
-purenit-insulation board
-pvc pad 40x3 + pvc profiles for installation 376.095 i 374.069
-vapor and water impermeable foil (vapor barrier)
-thermal insulation
-screed
-flexible construction adhesive
-internal finishing(stone;ceramic)

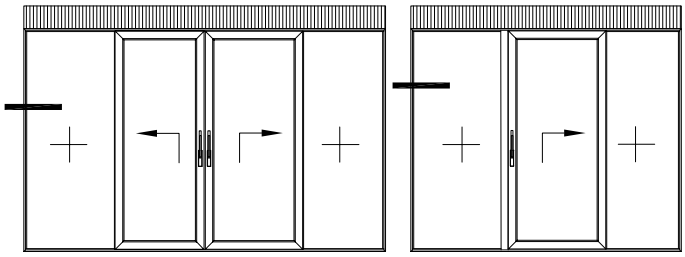


- podizno klizna vrata Termo 150 plus
- klizna komarica (npr. Plisse)
- roletna
- vanjska obrada i završni izgled
- termoizolacija
- hidroizolacija (paropropusna i vodonepropusna traka) (npr. Iso Chemie: Isc Connect Outside CX)
- betonski zid
- termokutija roletne (npr. Elite XT-240x255)
- motor za pokretanje roletne
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- lift and slide doors Termo 150 plus
- sliding mosquitoes (eg. Plise)
- shutters
- outside finish
- thermal insulation
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- concrete wall
- thermal box shutters (eg. Elite XT-240x255)
- shutter starter motor
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish

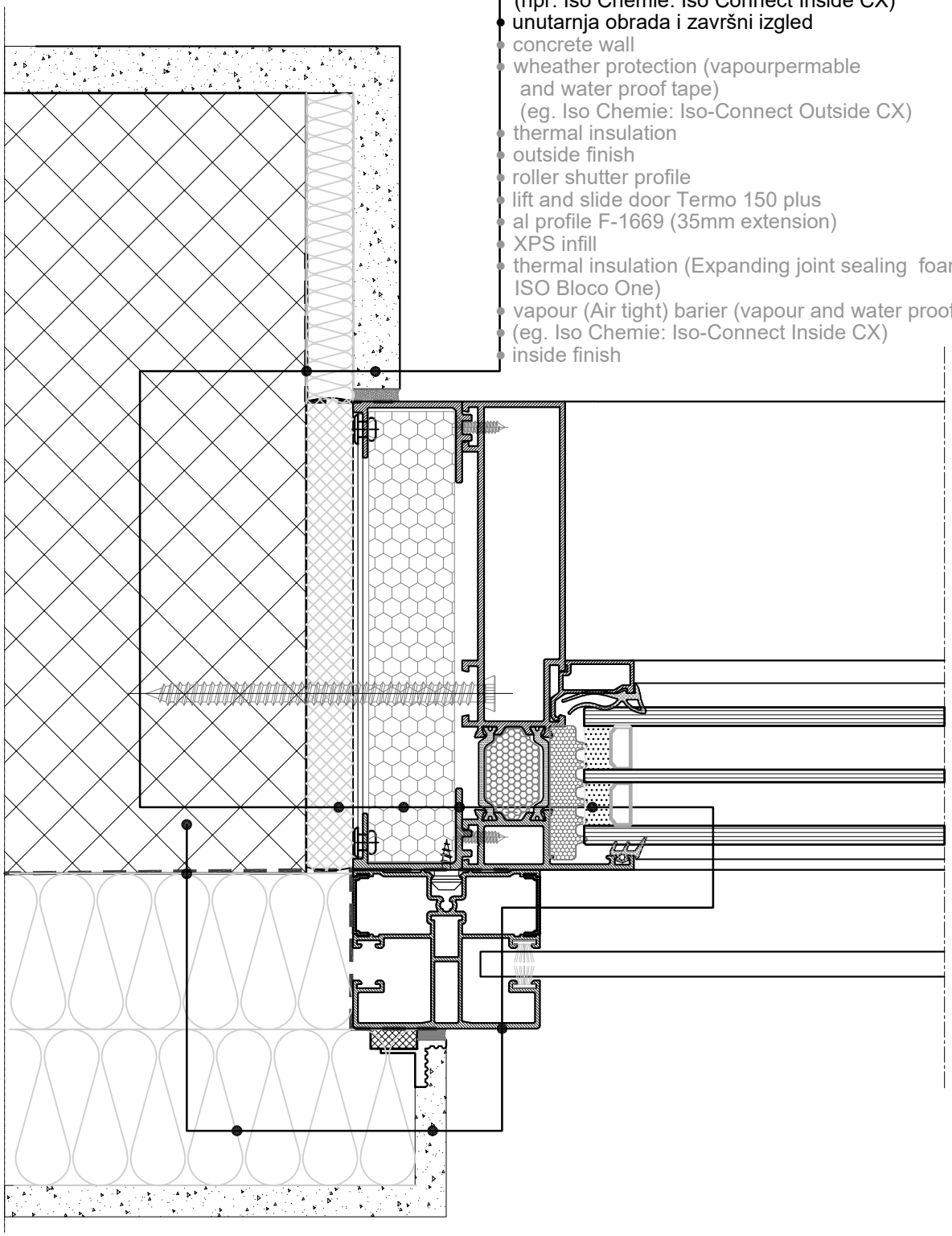


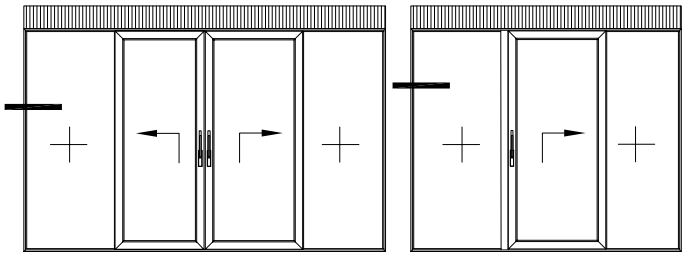
- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr.Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- klizna komarica (npr. Plisse)
- podizno klizna vrata Termo 150 plus
- al profil F-1669
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- concrete wall
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- thermal insulation
- outside finish
- roller shutter profile
- sliding mosquitoes (eg. Plise)
- lift and slide door Termo 150 plus
- al profile F-1669
- XPS infill
- thermal insulation (Expanding joint sealing foam tape: Iso Chemie ISO Bloco One)
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish



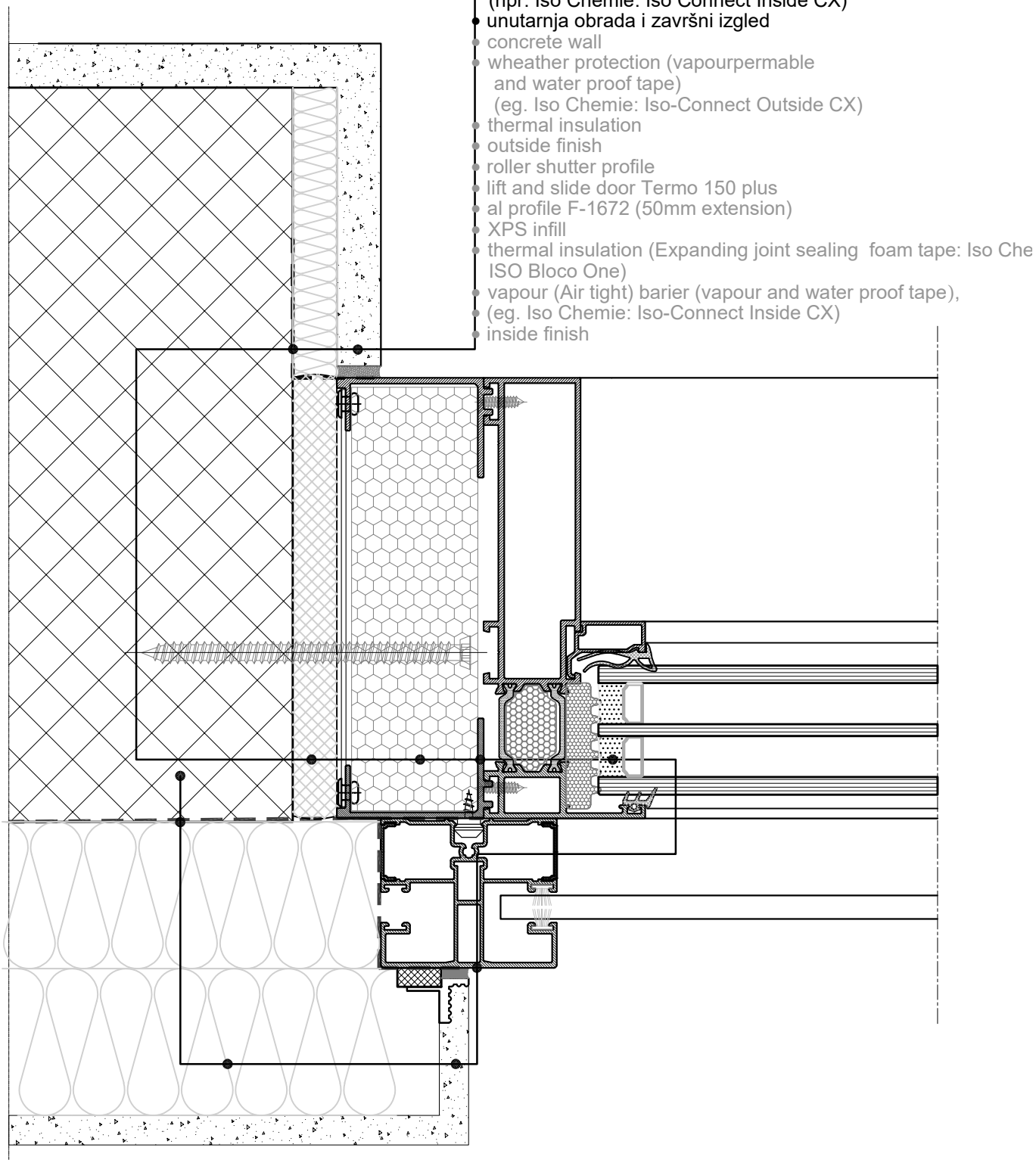


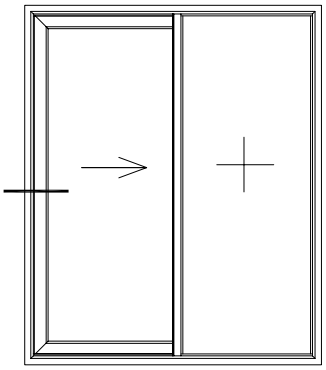
- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr.Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- podizno klizna vrata Termo 150 plus
- al profil F-1669 (35mm produljenje)
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- concrete wall
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- thermal insulation
- outside finish
- roller shutter profile
- lift and slide door Termo 150 plus
- al profile F-1669 (35mm extension)
- XPS infill
- thermal insulation (Expanding joint sealing foam tape: Iso Che ISO Bloco One)
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish





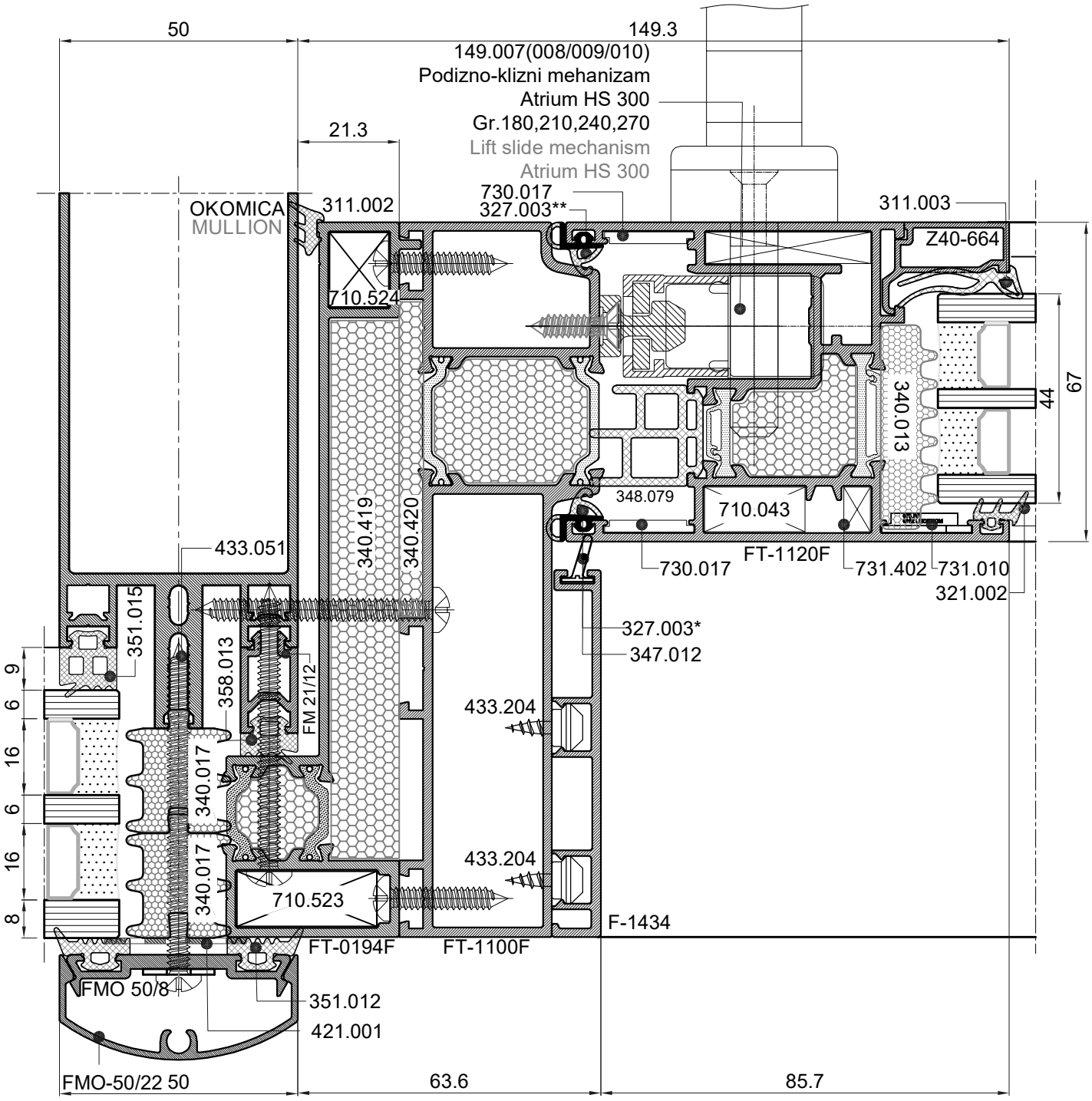
- betonski zid
- hidroizolacija (paropropusna i vodonepropusna traka) (npr.Iso Chemie: Iso Connect Outside CX)
- termoizolacija
- vanjska obrada i završni izgled
- vodilica roletne
- podizno klizna vrata Termo 150 plus
- al profil F-1672(50mm produljenje)
- XPS ispuna
- termoizolacija (exp.spužvica: Iso Chemie: ISO Bloco One)
- parna brana (paro- i vodonepropusna traka) (npr. Iso Chemie: Iso Connect Inside CX)
- unutarnja obrada i završni izgled
- concrete wall
- wheather protection (vapourpermable and water proof tape) (eg. Iso Chemie: Iso-Connect Outside CX)
- thermal insulation
- outside finish
- roller shutter profile
- lift and slide door Termo 150 plus
- al profile F-1672 (50mm extension)
- XPS infill
- thermal insulation (Expanding joint sealing foam tape: Iso Che ISO Bloco One)
- vapour (Air tight) barier (vapour and water proof tape), (eg. Iso Chemie: Iso-Connect Inside CX)
- inside finish

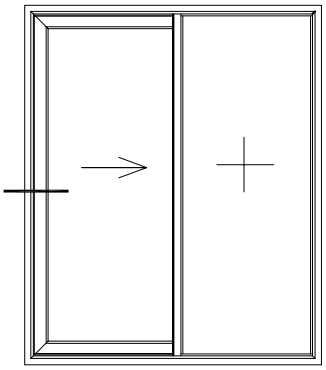




Termo 150 plus u fasadi 50 FK
Termo 150 plus in the facade 50 FK

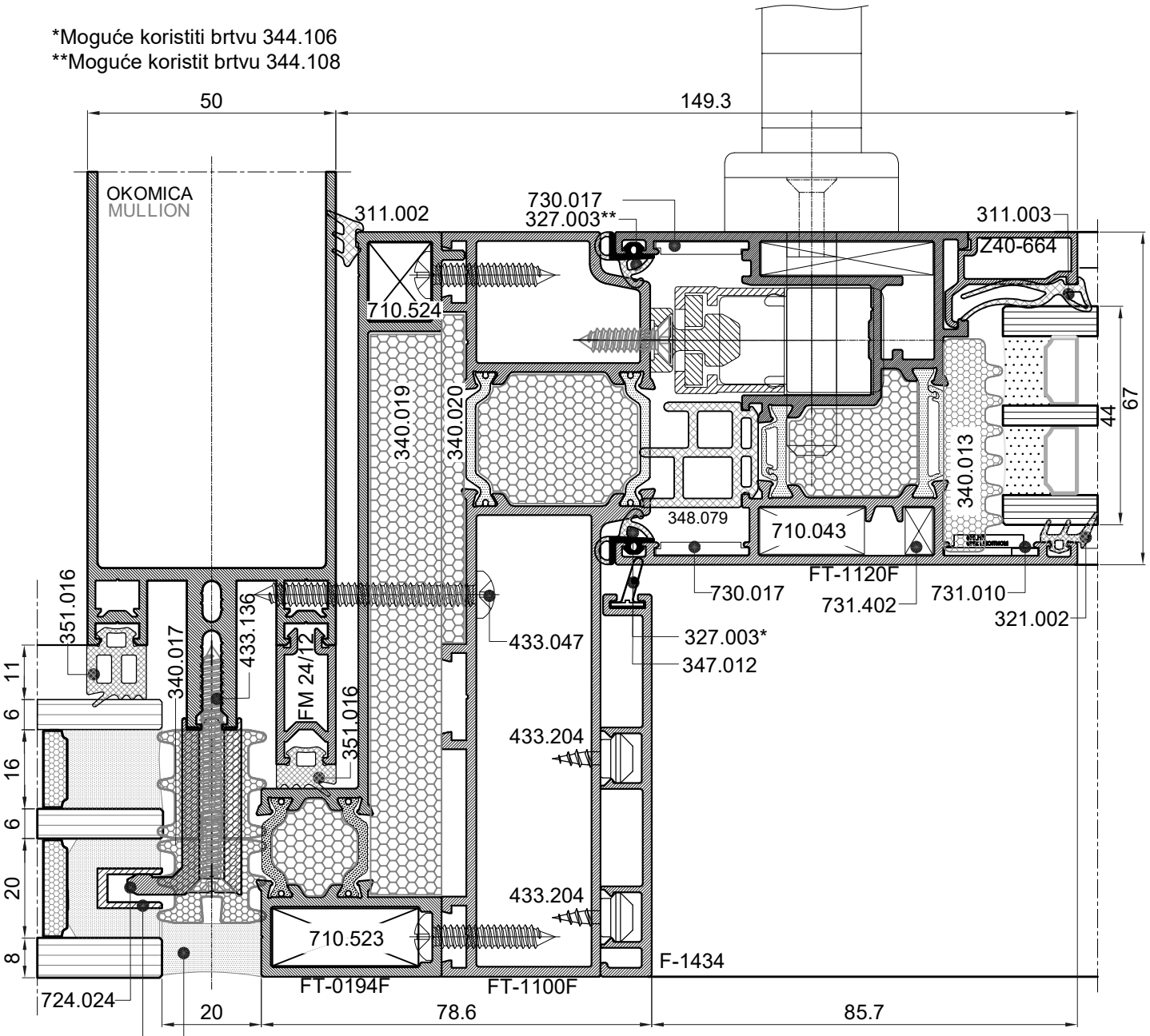
*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108





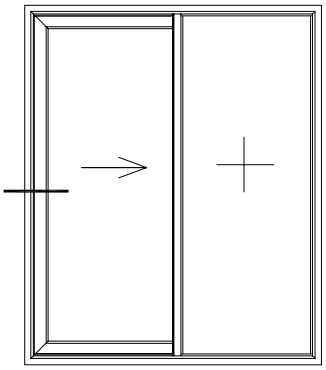
Termo 150 plus u fasadi 50 FS
Termo 150 plus in the facade 50 FS

*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108



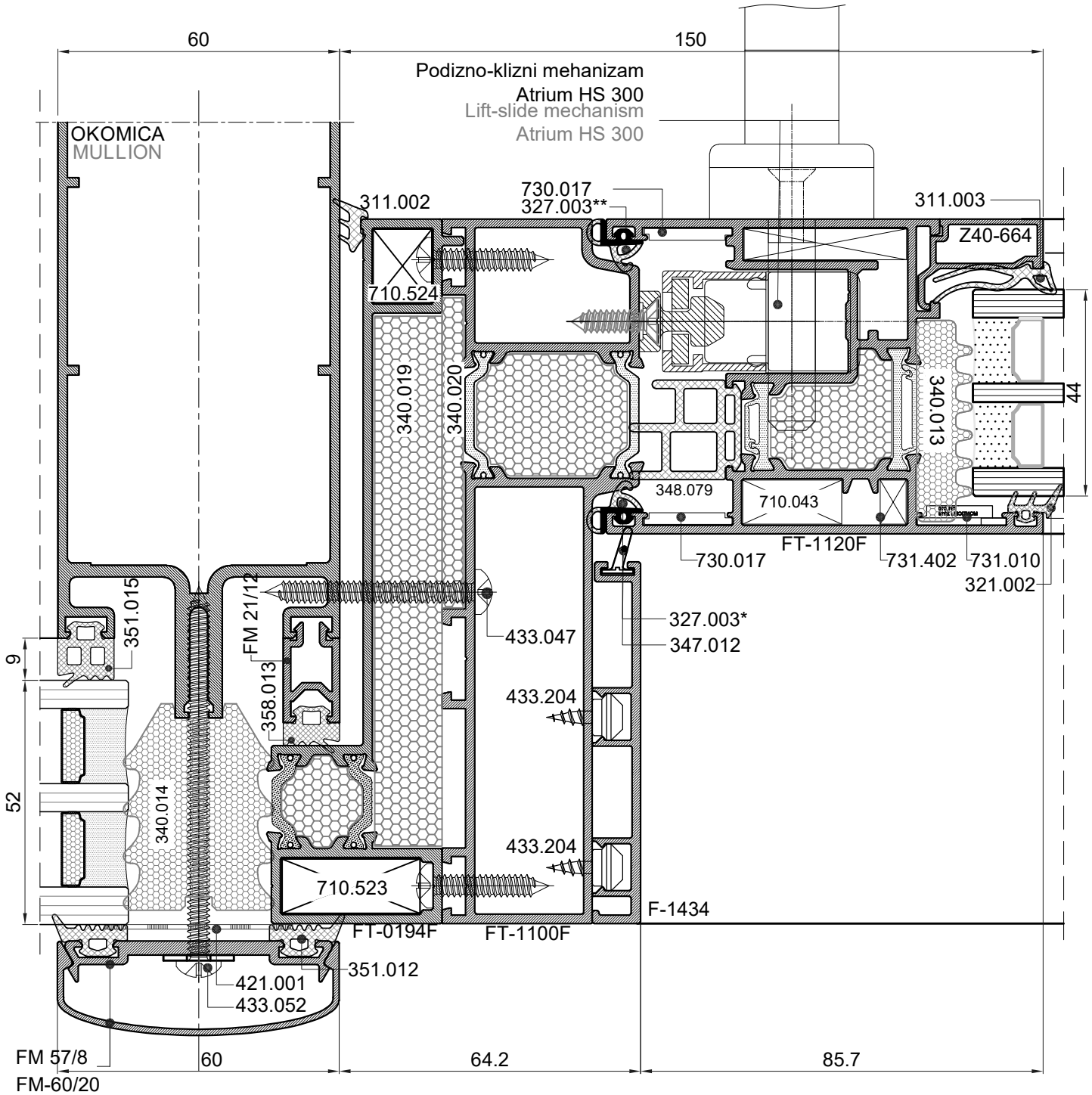
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)

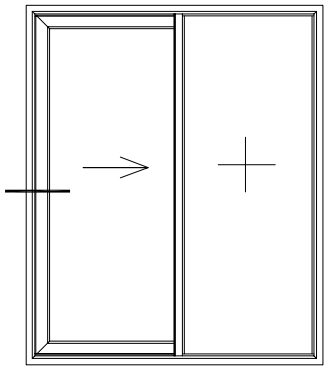
DOW CORNING DC 791
(jednokompon. 72 sata mirovanja)
DOW CORNING DC 791
(One component 72 hour rest time)



Termo 150 plus u fasadi 60 K
Termo 150 plus in the facade 60 K

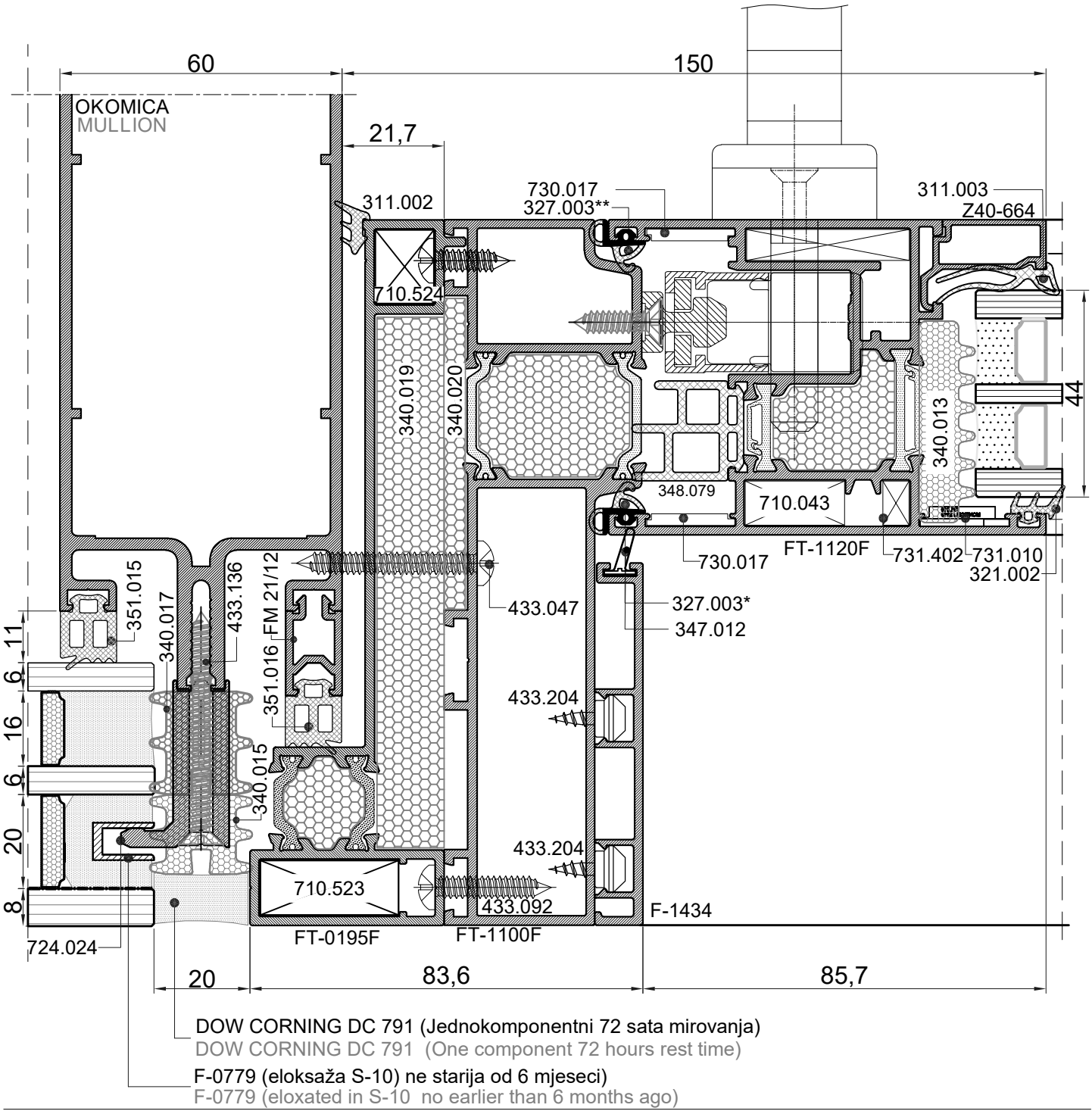
*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108





Termo 150 plus u fasadi 60 S+
Termo 150 plus in the facade 60 S+

*Moguće koristiti brtvu 344.106
**Moguće koristit brtvu 344.108



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TERMO **150**

Knjiga A */ Book A*

Travanj 2026 */April 2026*

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