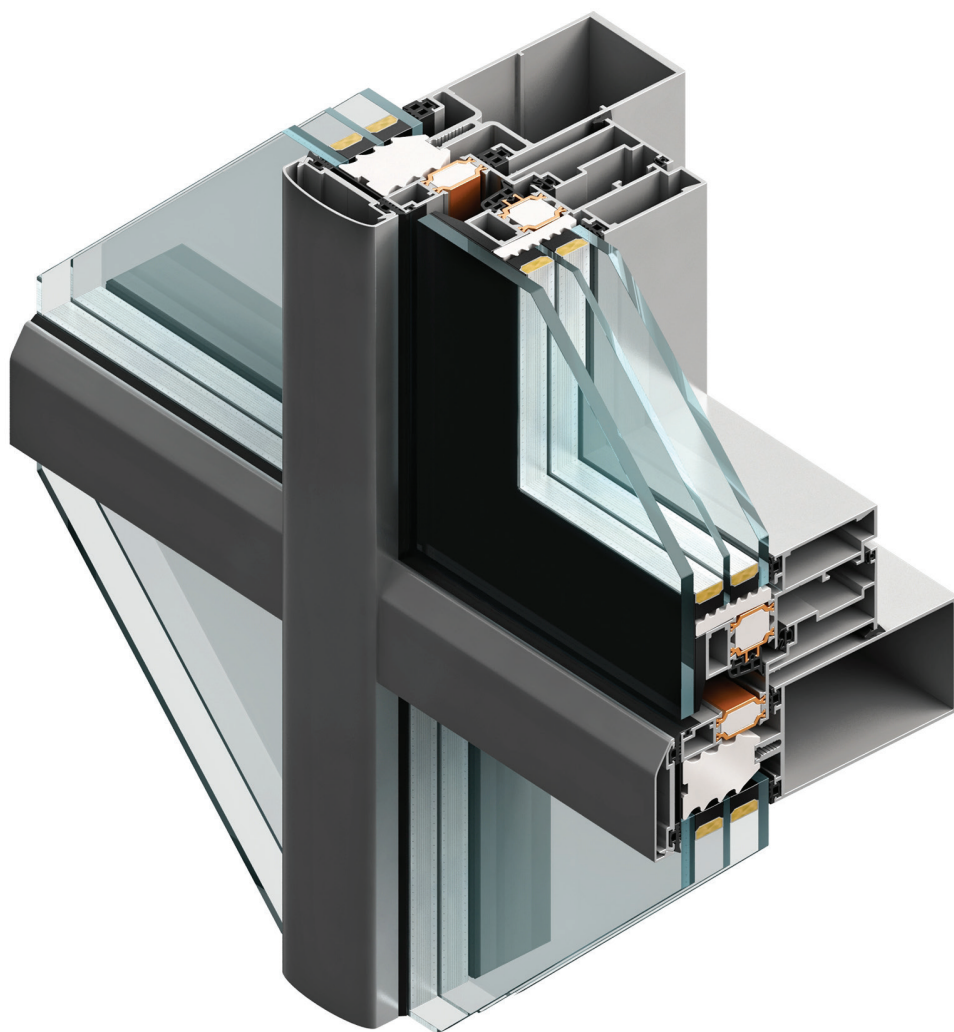


FEAL



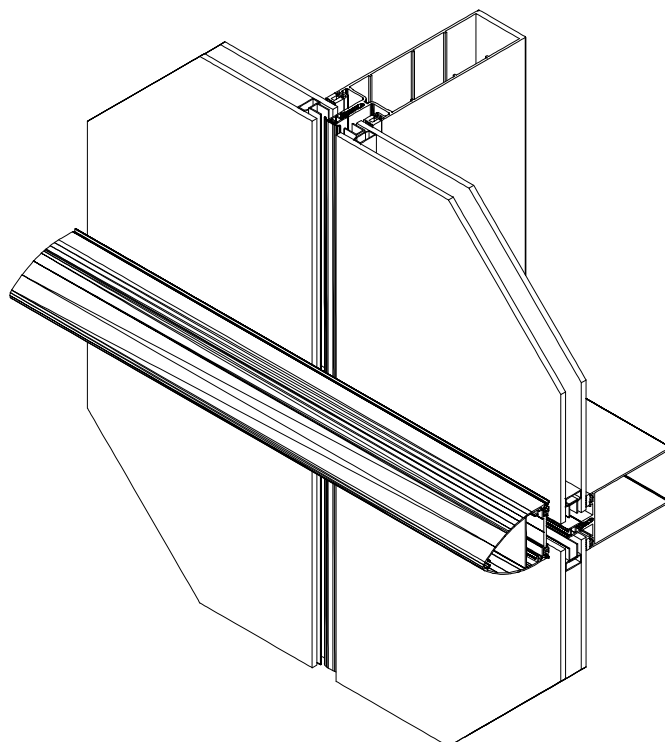
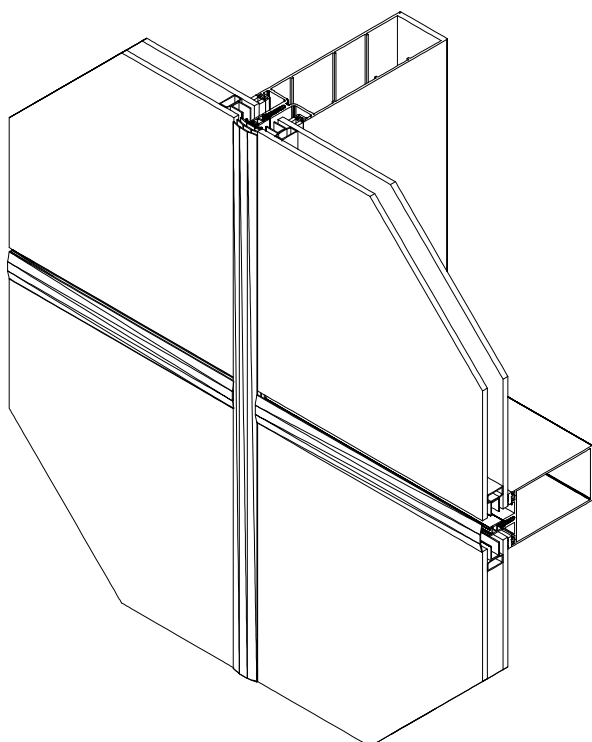
60 K

AL. FASADA
AL. FACADE

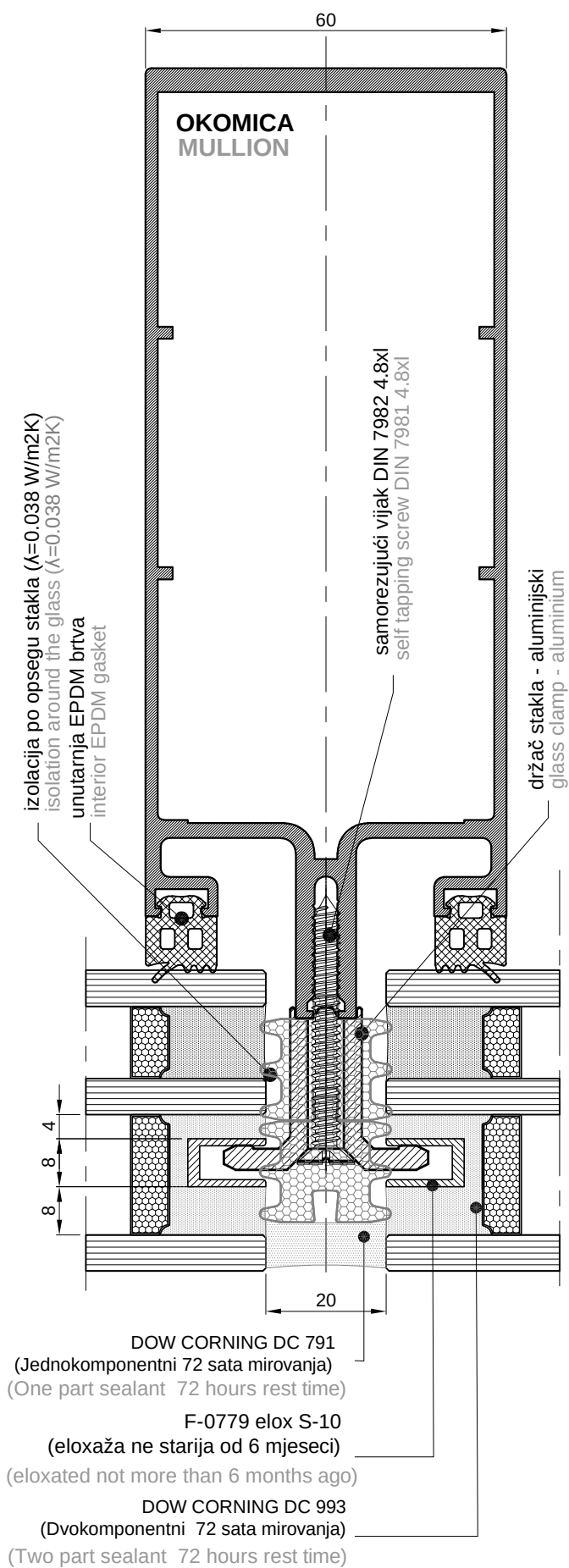
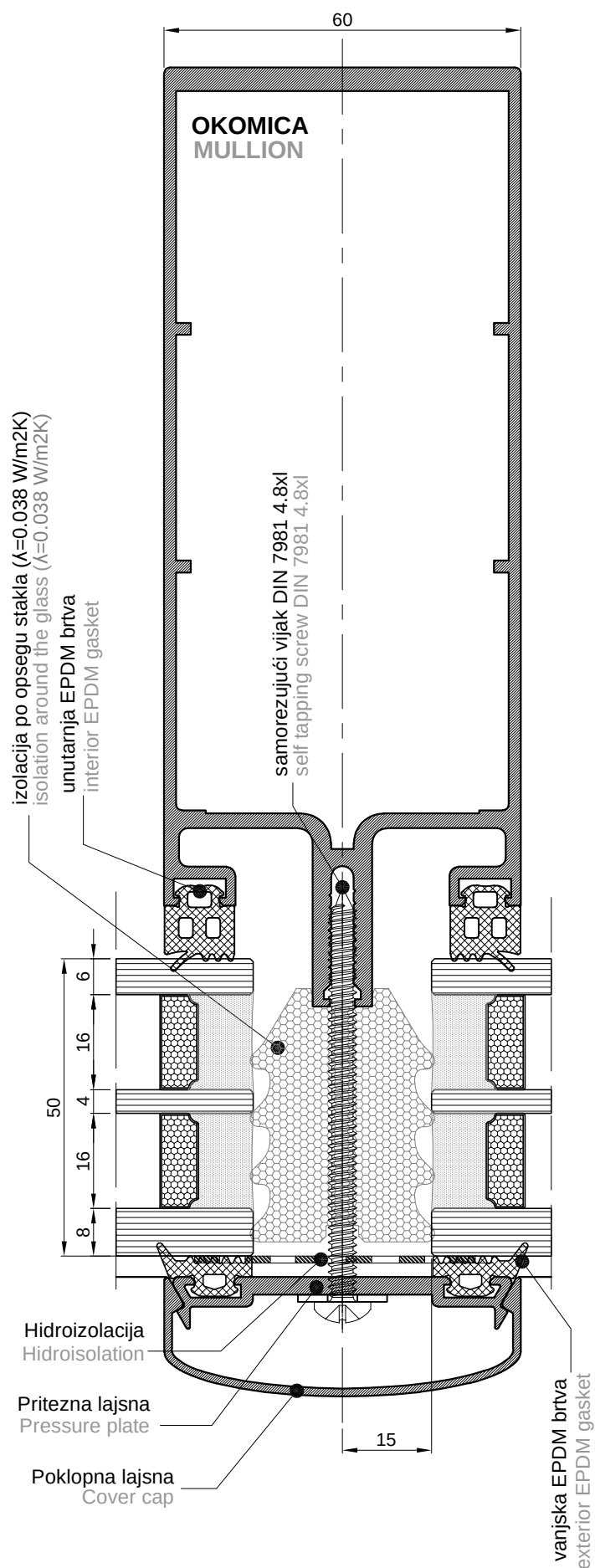
Knjiga A / *Book A*

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Značajke sistema System characteristics



OPIS SISTEMA:Konstrukcija:

Feal 60 K je sistem za izradu kontinuirane ili strukturirane, samonosive, u cjelini zastakljene, toplo izolirane fasadne konstrukcije od aluminijumskih profila.

Geometrija profila:

Vidljiva širina profila 60mm.

Vertikalni, nosivi profili - okomice (nivo I) su dubina: 41,88,118,158, 200, 270 mm.

Horizontalni profili - vodoravnice (nivo II;tj. nivo III u vertikalnom položaju ukoliko su u konstrukciji i pomoćne vodoravnice), dubina: 41,86,114, 156, 198 mm.

Horizontalni profili - pomoćne vodoravnice (nivo II), dubine:88, 200mm.

Za otvarajuća polja se mogu koristiti posebno dizajnirani fasadni prozorski otvori s tipovima okretno-otklopni(dreh-kipp), otklopni prema unutra (kipp) ili prema vani (senk-klapp), paralelno otvaranje i krovni prozori. Sa fasadnim sustavom su također kompatibilni FEAL sistemi profila za prozore i vrata, kao: TERMO 60, TERMO 65, TERMO 85, TERMO 85 PA, TERMO 120+, TERMO 150+, INOWA. Vrata mogu biti otvarajuća (prema vani ili unutra), klizna, mimokretna ili automatska.

Parapetna polja mogu biti prozirna ili neprozirna.

Stakljenje kontinuirane fasade se izvodi uz pomoć EPDM brtvi te priteznih i poklopnih lajsni. Na pritezne lajsne se postavljaju poklopne lajsne koje mogu biti različitih oblika (kvadratni plitki ili duboki, zaobljeni, eliptični) i dimenzija. Izuzetak predstavljaju lajsne koje zbog svog specifičnog oblika ujedno predstavljaju i priteznu i poklopnu lajsnu.

Stakljenje strukturalne fasade se izvodi uz pomoć EPDM brtvi, držača stakla i silikonskog zaptivača strukturalnog stakla .

Kao materijali fasadnih komponenti koriste se materijali otporni na vremenske uvjete, temperaturne razlike, plijesni, te vodootporne zaštitne trake koje sprečavaju prodor vode i vlage u izolaciju.

Sistem fasade FEAL 60 K omogućava izvođenje kondenzata u dva ili tri nivoa tj. ravni. Svi profili okomica i vodoravnica imaju žlijebove za vođenje kondenzata i njihovi međusobni spojevi se izvode tako da se ti žlijebovi preklapaju. Tri nivoa se koriste ukoliko postoji potreba za vertikalnim profilom iznad fiksnog dijela ili otvora. U slučaju samo dva nivoa kondenzat se prirodnim putem odvodi sa horizontalnog profila(II nivo) na vertikalni profil (I nivo). U slučaju tri nivoa kondenzat se prirodnim padom izvodi sa pomoćnog vertikalnog (III nivo) na horizontalni (II nivo) te zatim na glavni vertikalni profil (III nivo), a potom vani. Istovremeno zrak struji kroz okomice i vodoravnice od parapeta prema atici pri čemu se ostvaruje potrebno ventiliranje fasade i suši vlagu nastalu kondenziranjem.

SYSTEM DESCRIPTION:Construction:

System **Feal 60 K** is used for the production of selfbearing, fully glazed, thermally isolated aluminium stick and structural curtain walls.

Profile geometry:

Visible profile width 60mm.

Vertical, bearing profiles - mullions (level I) with depths :41,88,118 ,158, 200, 270 mm.

Horizontal profiles - transoms (level II;level III if the construction has auxiliary transoms), with depths: 41,86,114,156,198 mm.

Horizontal profiles - auxiliary transoms (level II), with depth: 88, 200 mm.

Specially designed facade openings such as turn-tilt windows, tilt windows (inwards and outwards opening) windows with parallel opening and roof windows can be used for opening fields . The curtain wall is also compatible with other FEAL window and door systems, such as; TERMO 60, TERMO 65, TERMO 85,TERMO SK, TERMO 85 PA, TERMO 120+, TERMO 150+, INOWA. Doors in curtain wall can be made as turn opening version (inwards, outwards), sliding, double action door or automatic doors.

Spandrel fields can be transparent or opaque.

Glazing of the stick facade is achieved with EPDM gaskets, pressure plates and cover caps. On pressure plates mounted are cover caps of different shapes (narrow or deep rectangular, curved, elliptic etc) and dimensions. Exceptions are the cover caps which because of their specific shape act simultaneously as pressure plates and cover caps.

Glazing of structural curtain wall is achieved with EPDM gaskets, glass clamps and silicone sealants.

As parts of curtain walls, the components that are used are resistant to weather conditions, temperatural differences and mold. Also used are watertight protection bands that prevent water and moisture entering the isolation.

System FEAL 60 K makes it possible to drain condensation using two level and three level system. All the profiles of vertical and horizontal profiles have draining channels and all of their connections are made in such a way that the channels overlap. Three levels are used if there is a need for a vertical profile over the fixed or a opening field. In case of only two levels the condensation is drained with help of gravity from the horizontal profile to the vertical profile. In case of three levels the condensation is drained with the help of gravity from the auxiliary vertical (III level) which is located above the fixed field or an opening to the horizontal profile (level II) then to the main vertical profile (level I) and finally outside . Meanwhile the air is circulating through the vertical and horizontal profiles from the spandrel to the attic which achieves the necessary ventilating and drying of moisture that occurs due to the condensation.

Ispitivanja i certifikati Testing and certificates

ISPITIVANJA I CERTIFIKATI U FASADI 60 K
TESTS AND CERTIFICATES IN FACADE 60 K

Vrsta ispitivanja Type of test	Standard Norm	Ispitni institut Test institute	Rezultat ispitivanja Test result
Zrakopropusnost Air permeability	EN12152	IFT Rosenheim	AE
Vodonepropusnost Watertightness	EN 12154	IFT Rosenheim	RE1200
Otpornost na vjetar Resistance to wind	EN 13116	IFT Rosenheim	2 kN/m ² 3 kN/m ²
Zvučna izolacija Airborne sound reduction	EN ISO 717-1	IFT Rosenheim	Rw(C,Ctr)(dB); 43 (-2,-6) dB
Toplinska izolacija Thermal insulation	DIN EN ISO 10077-2	IFT Rosenheim	(Uf≥0.70 W/m2K)
Protupožarnost Fire resistance	EN 13501-2	ZAG	EI 90
Otpornost na udar Impact resistance	EN 14019	gbd Lab	I5 / E5

TEHNIČKE PREDPOSTAVKE ANALIZE

U ovoj analizi su uzete u obzir sljedeće tehničke pretpostavke mjerodavne za proračun:

- Statički model nosaca:Nosac oslonjen u 2 i 3 krajnje točke sidrenja
- Uvjeti eksploatacije obzirom na vjetar:..... $V=50-180\text{km/h}$
- Maximalni vodoravni raster fasade:..... $L=60-210\text{cm}$
- Dozvoljeni progib nosača:..... $f_{pr}\leq H/300(\text{cm})$
- Specifično opterećenje fasade vjetrom:..... $q(\text{kg/cm}^2)$
- Jedinično opterećenje nosača:..... $Q=q \times L(\text{kg/cm})$

Temeljna analiza je obuhvatila statičku analizu fasadnih profila u uvjetima vjetrovnih udara za I,II,III VJETROVNU ZONU PODRUČJA ZEMALJA BOSNE I HERCEGOVINE,HRVATSKE,SLOVENIJE SRBIJE,CRNE GORE i MAKEDONIJE prema Tehničkim normativima metalnih konstrukcija 41/64.

ASSUMPTIONS OF TECHNICAL CALCULATION

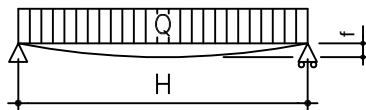
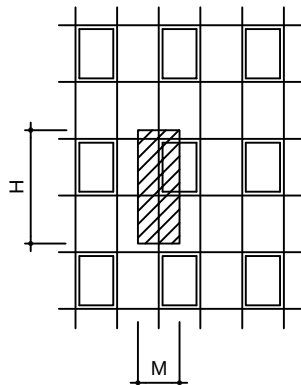
In this technical calculation following technical assumptions are relevant for the calculation.

- Structural beam model:Beam supported in 2 and 3 end points
- Wind load range:..... $V=50-180\text{km/h}$
- Maximal horizontal mullion distance:..... $L=60-210\text{cm}$
- Allowed deformation:..... $f_{pr}\leq H/300(\text{cm})$
- Specific wind load:..... $q(\text{kg/cm}^2)$
- Specific load on the mullion:..... $Q=q \times L(\text{kg/cm})$

Basic calculation covers structural calculation of facade profiles in wind load conditions for I., II., III. WINDLOAD ZONE OF BOSNIA AND HERZEGOVINA,CROATIA,SLOVENIA, SERBIA,MONTENEGRO i MACEDONIA according to the Technical norms for metal structures 41/64.

Visina površine nad terenom koja je izložena djelovanju vjetra The height of the surface which is exposed to wind load	Stupanj zaštite fasadnog objekta Level of exposure of building to the wind	DJELOVANJE VJETRA ZA ZEMLJOPISNE ZONE WIND LOADS FOR GEOGRAPHICAL AREA					
		I	I	II	II	III	III
		Kg/m ²	Km/h	Kg/m ²	Km/h	Kg/m ²	Km/h
Do 10 m Under 10 m	Zaštićen (protected)	30	79	40	91	55	107
	Poluzaštićen (semi exposed)	40	91	55	107	60	112
	Izložen (exposed)	45	97	70	120	110	151
Od 10 m do 30 m From 10 m to 30 m	Poluzaštićen (semi exposed)	50	102	75	125	110	151
	Izložen (exposed)	60	112	90	137	130	164
Od 30 m do 60 m Od 30 m do 60 m	Izložen (exposed)	70	120	105	148	150	176
Od 60 m do 100 m Od 60 m do 100 m	Izložen (exposed)	80	129	120	158	170	188

$$f_{adm} = H/300$$



$$Jx = \frac{5}{384} * \frac{Q * H^3}{E * f}$$

Jx = [cm]⁴

Q = [Kg]

q = vjetar [Kg/m]²

$$Q = q * M * H = [Kg]$$

E = MODUL ELASTICNOSTI
E = ELASTIC MODULUS

[Kg/cm]²

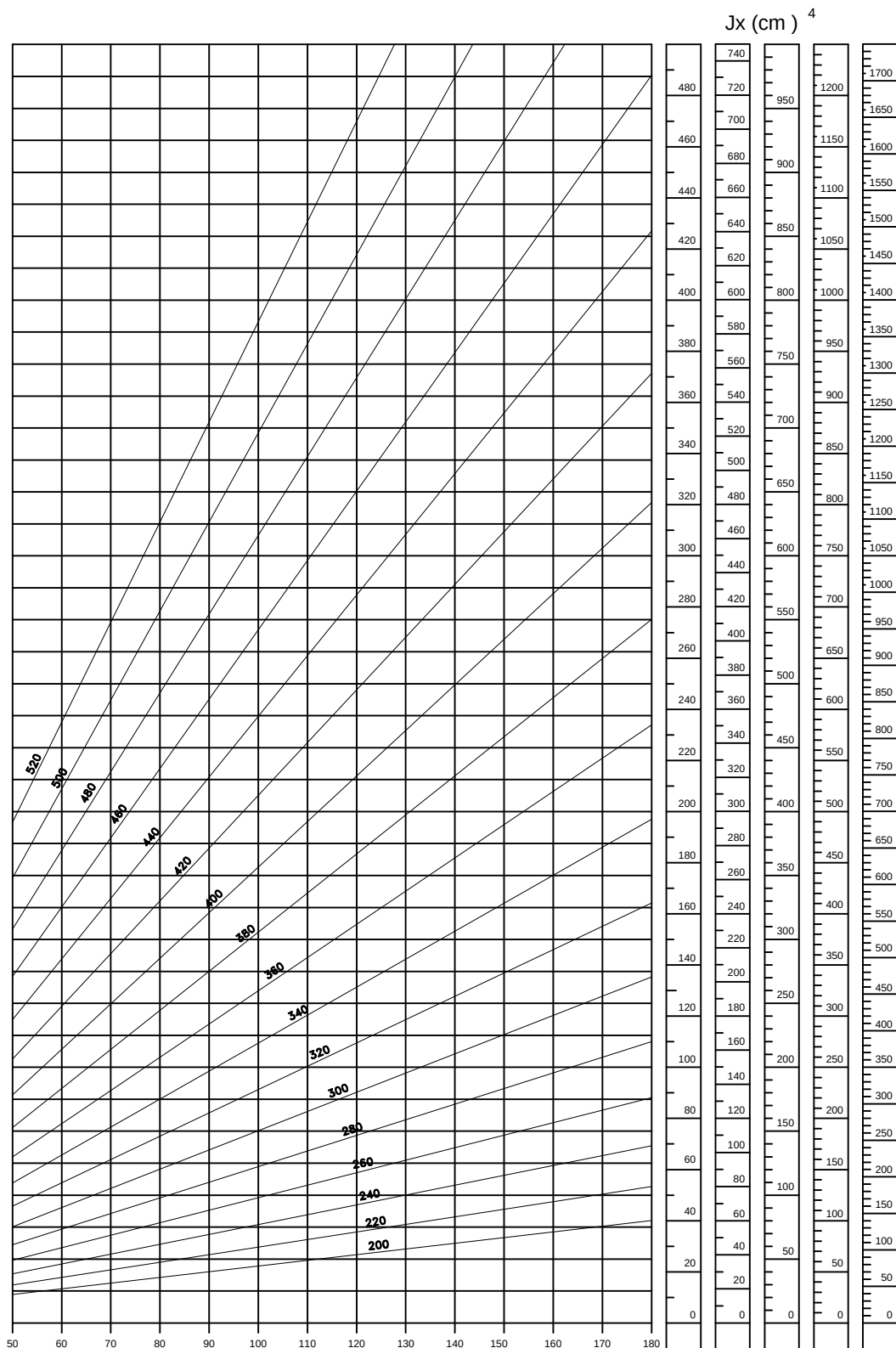
f = PROGIB
f = deformation [cm]

M = 115 cm

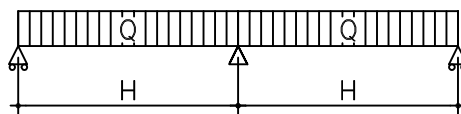
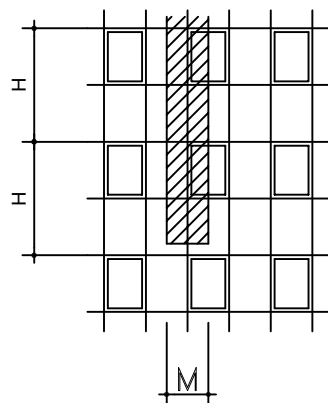
H = 320 cm

q = 100 Kg/m²

Jx = 210 cm⁴



CLASSE	V1	V1a	V2	V2a	V3
q=Kg/m ²	50	75	100	125	175



$$f_{adm} = H/300$$

$$Jx = 0,00542 \cdot \frac{Q \cdot H^3}{E \cdot f}$$

$$Jx = [\text{cm}]^4$$

$$Q = [\text{Kg}]$$

$$q = [\text{Kg/m}]^2$$

$$Q = q \cdot M \cdot H = [\text{Kg}]$$

$$E = [\text{Kg/cm}]^2$$

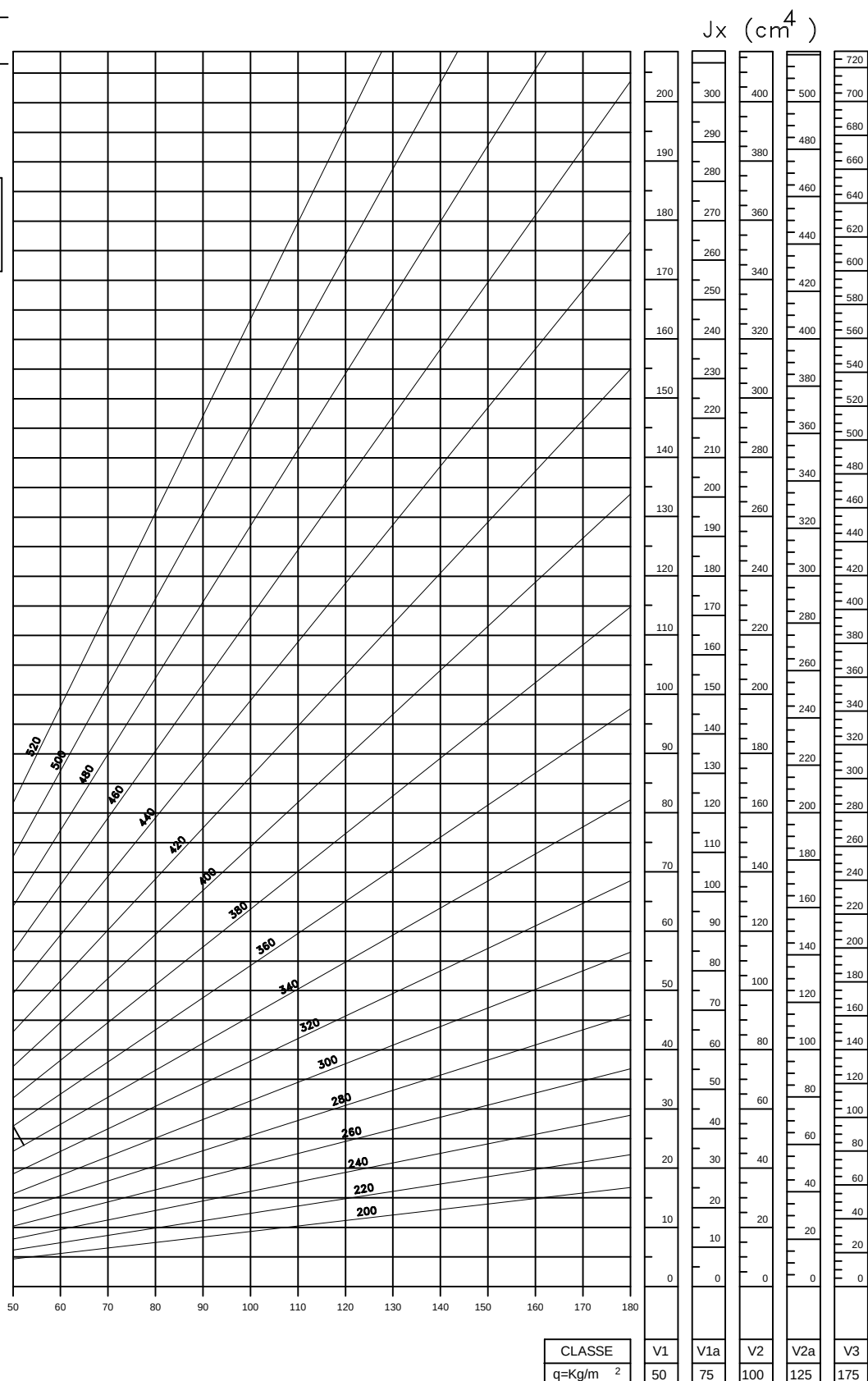
$$f = [\text{cm}]$$

$$M = 115 \text{ cm}$$

$$H = 320 \text{ cm}$$

$$q = 100 \text{ Kg/m}^2$$

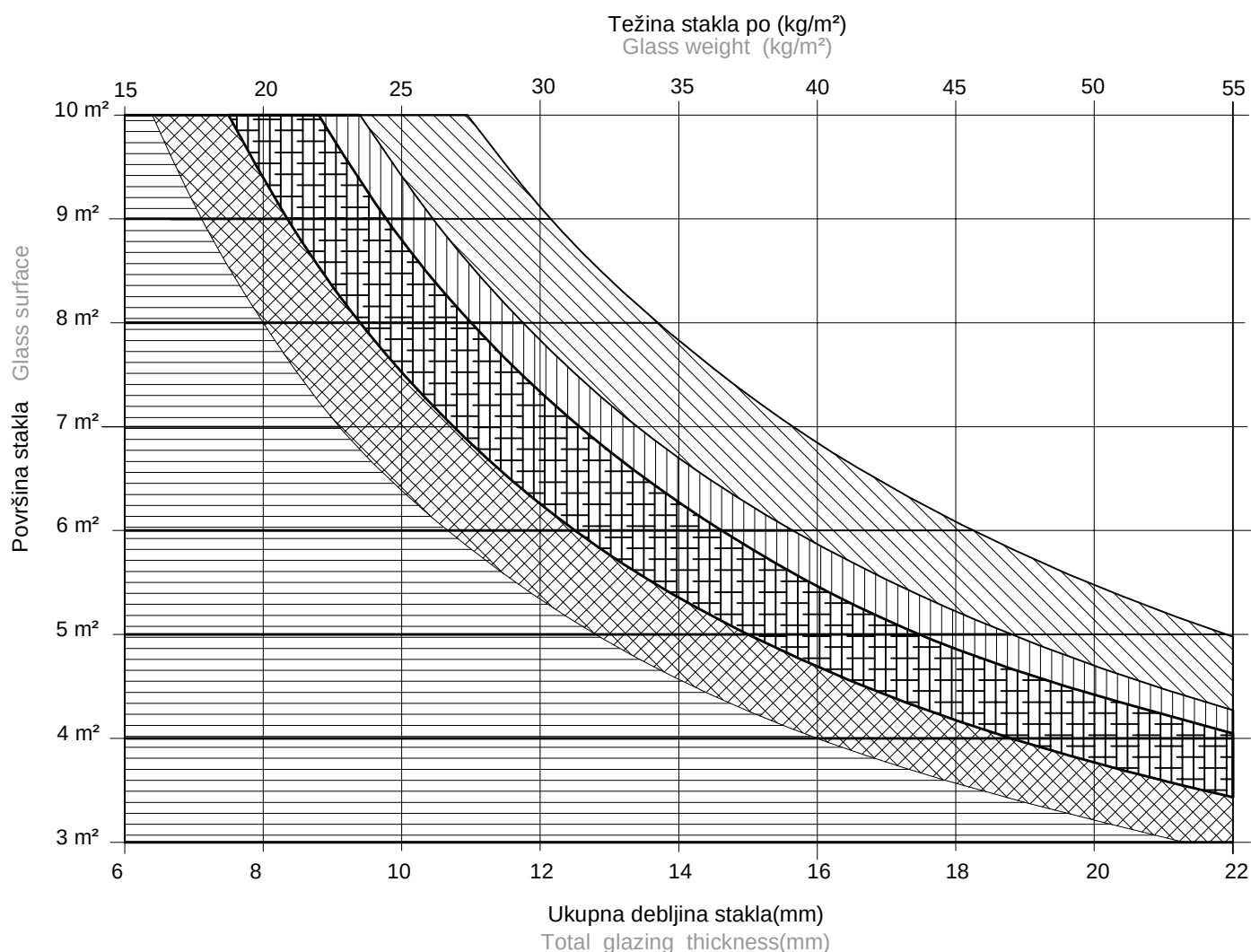
$$Jx = 87.5 \text{ cm}^4$$



Tehničke preporuke

Technical recommendations

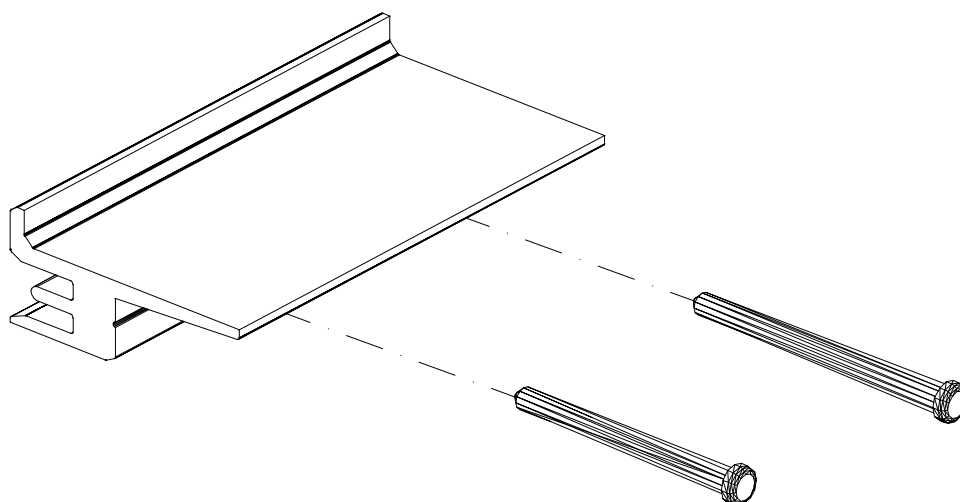
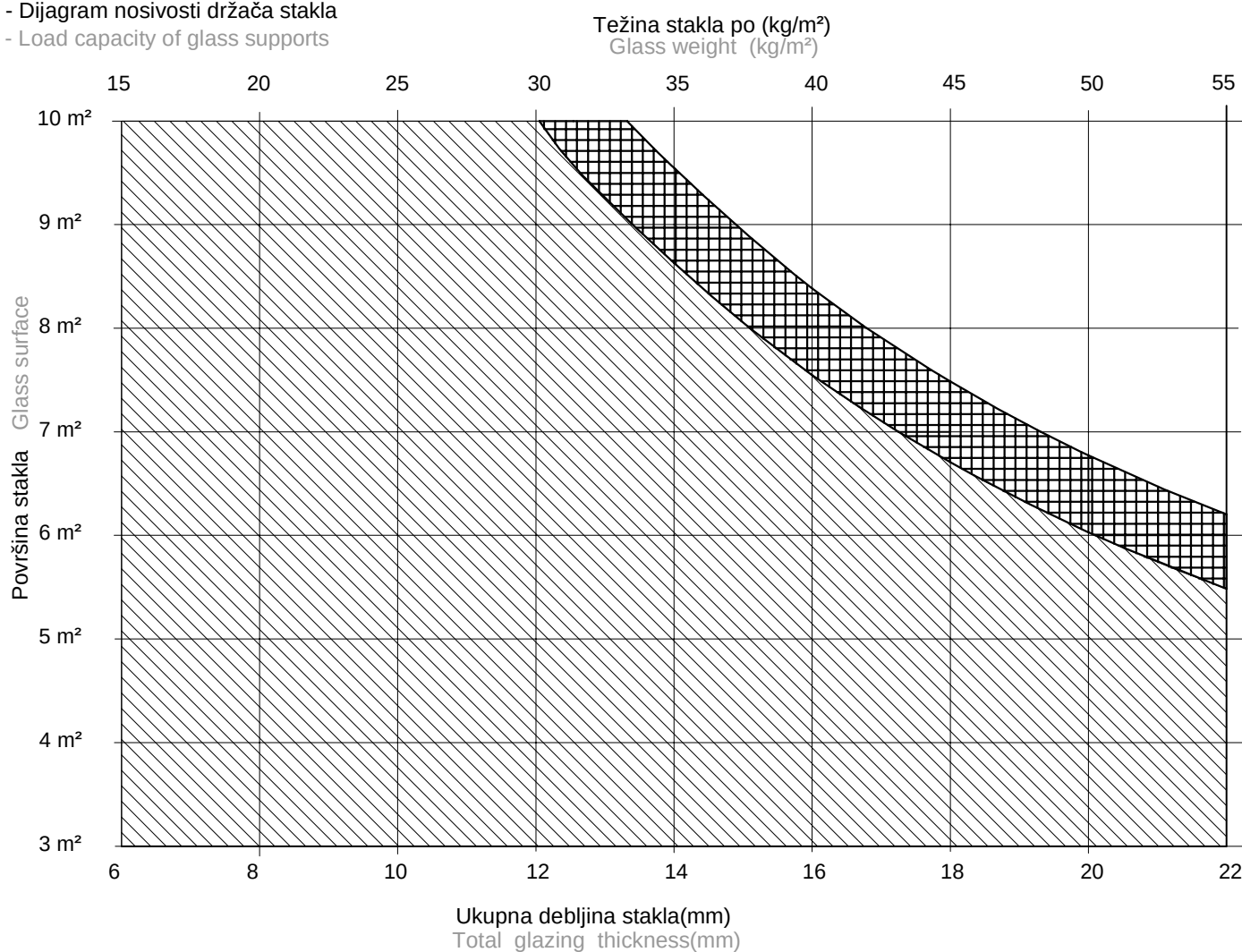
- Dijagram nosivosti držača stakla
- Load capacity of glass supports



- 521.102 33/12 nosivost 274kg (po paru)
- 521.002 33/12 load capacity 274kg (per pair)
- 521.103 35.5/12 nosivost 235kg (po paru)
- 521.103 35.5/12 load capacity 235kg (per pair)
- 521.123 52/12 nosivost 220 kg (po paru)
- 521.123 52/12 load capacity 220kg (per pair)
- 521.004 40/12 nosivost 188kg (po paru)
- 521.004 40/12 load capacity 188kg (per pair)
- 521.106 43/12 nosivost 160kg (po paru)
- 521.106 43/12 load capacity 160kg (per pair)

Tehničke preporuke
Technical recommendations

- Dijagram nosivosti držača stakla
- Load capacity of glass supports

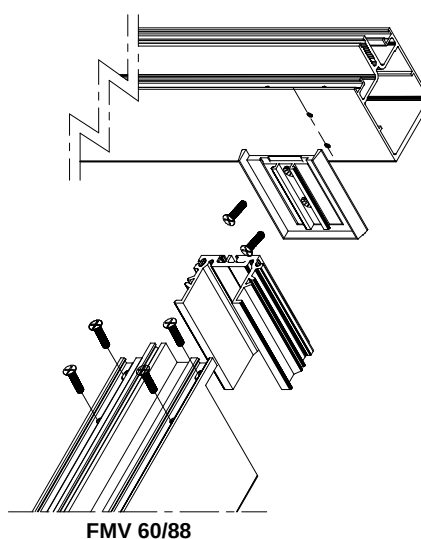
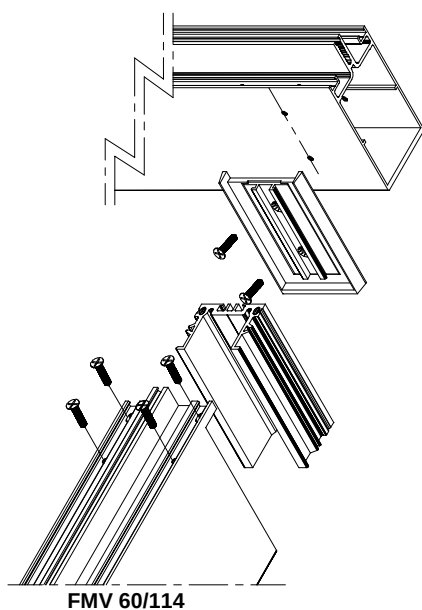
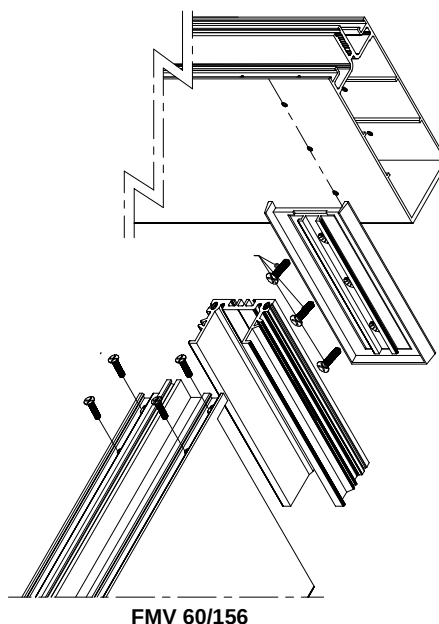
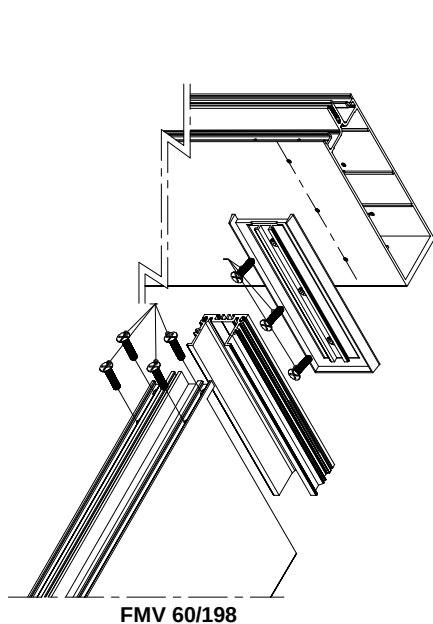


- | | |
|---|--|
| ▨ | 521.063 54/17 nosivost 302 kg (po paru) |
| | 521.063 54/17 load capacity 302 kg (per pair) |
| ▩ | 521.261 63/17 nosivost 326 kg (po paru) |
| | 521.234 63/17 load capacity 326 kg (per pair) |

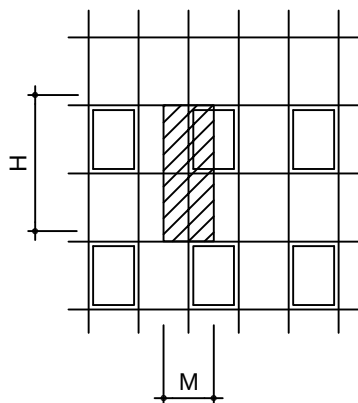
Tehničke preporuke Technical recommendations

Maksimalna opterećenost vijčanog spoja okomica i vodoravnica
Screw connections between mullion and transom

Tip vijka Screw type	Tip vodoravnice Transom type	FMV 60/198	FMV 60/156	FMV 60/114	FMV 60/88
4.8 DIN 7981/7982		480 kg	480 kg	320 kg	320 kg
5.5 DIN 7981/7982		660 kg	660 kg	440 kg	440 kg
6.3 DIN 7981/7982		916 kg	916 kg	611 kg	611 kg



Tehničke preporuke Technical recommendations

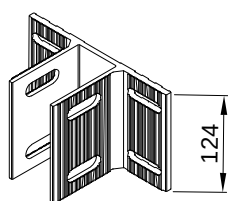
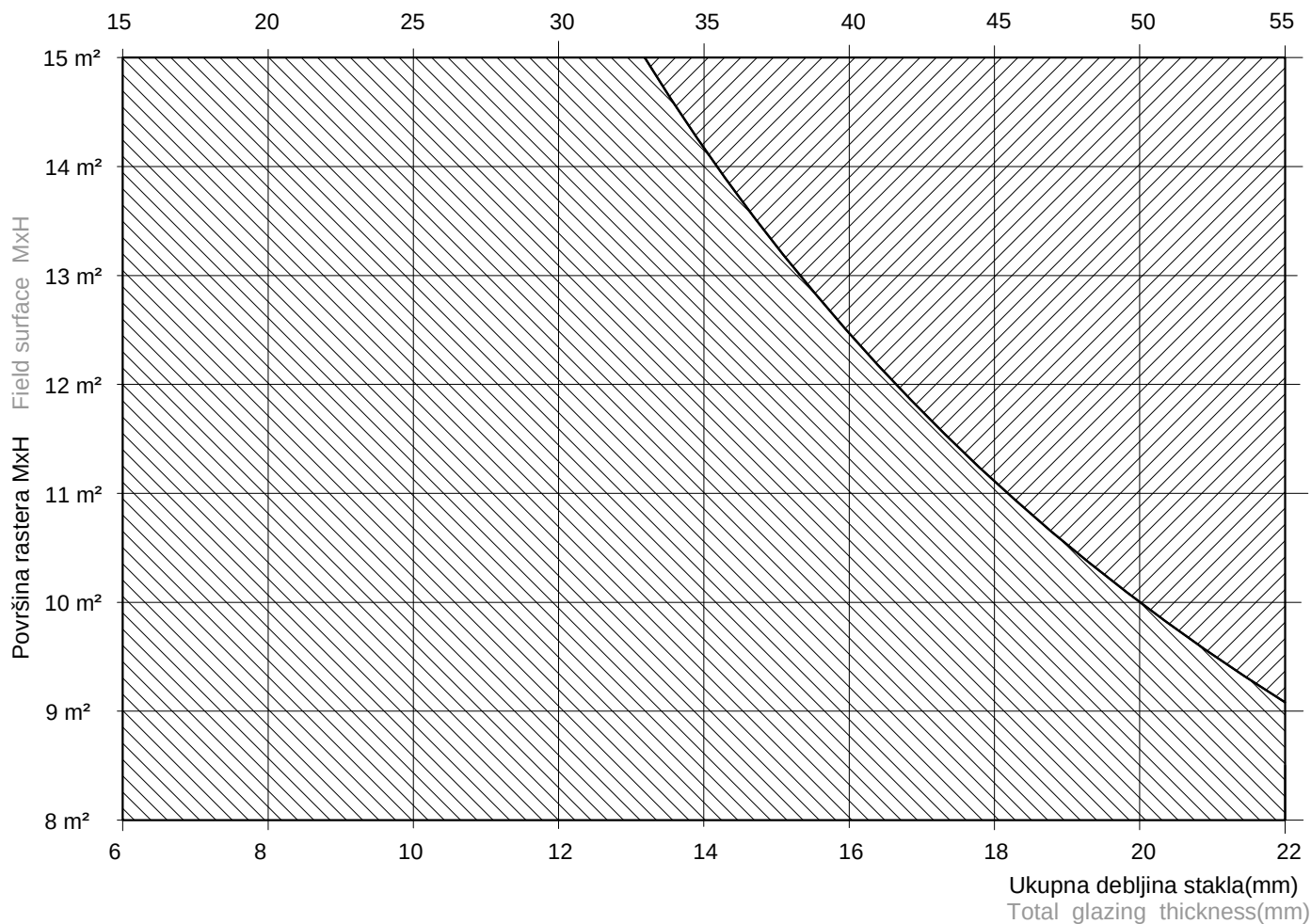


H - okomiti raspon rastera (visina između nosivih nosača)
H - vertical field height (height between mullion supports)

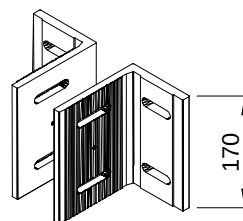
M - vodoravni raspon rastera
M - horizontal field width

- Dijagram nosivosti nosača okomice
- Load capacity of mullion supports

Težina stakla po (kg/m²)
Glass weight (kg/m²)

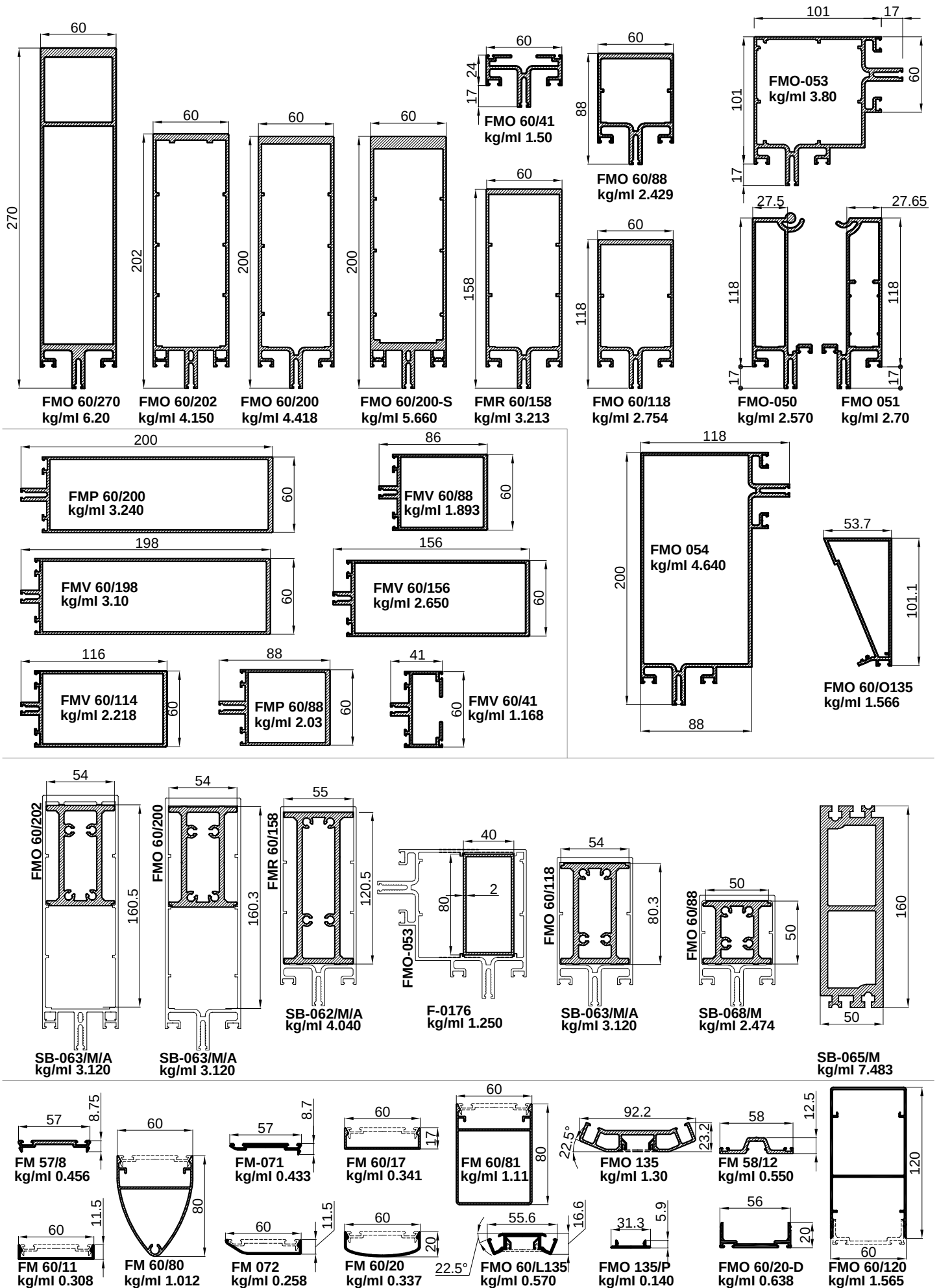


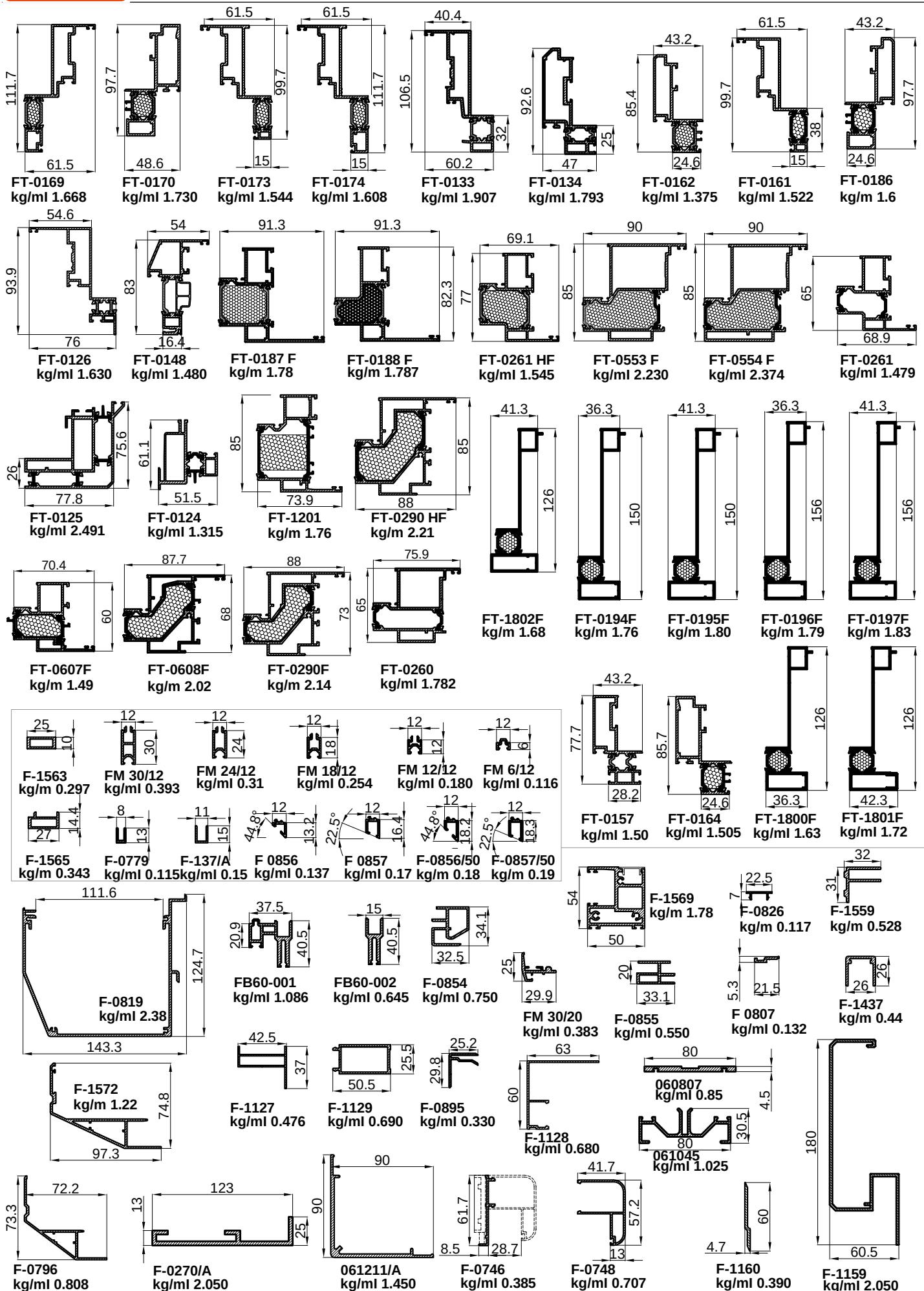
501.025 Nosivost 500 kg
501.025 Load capacity 500 kg



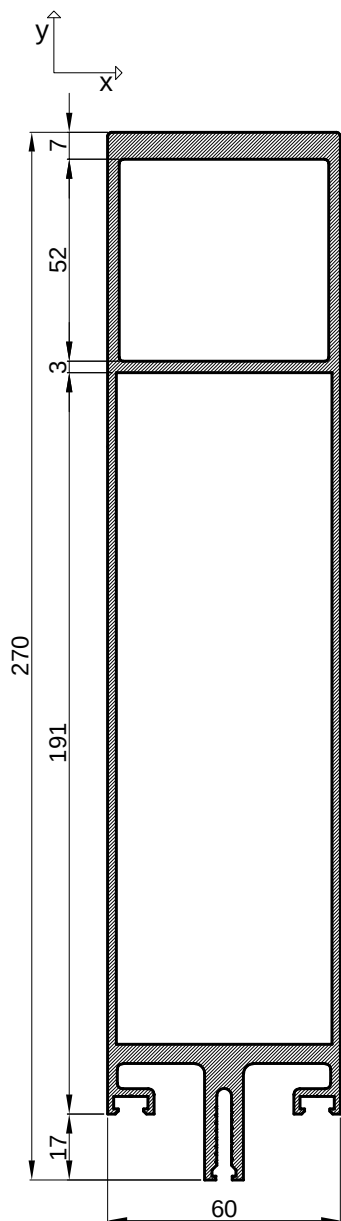
501.004 Nosivost 1500 kg
501.004 Load capacity 1500 kg

Profili Profiles

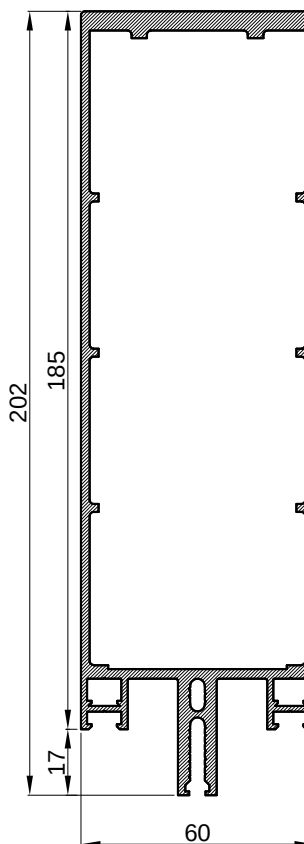




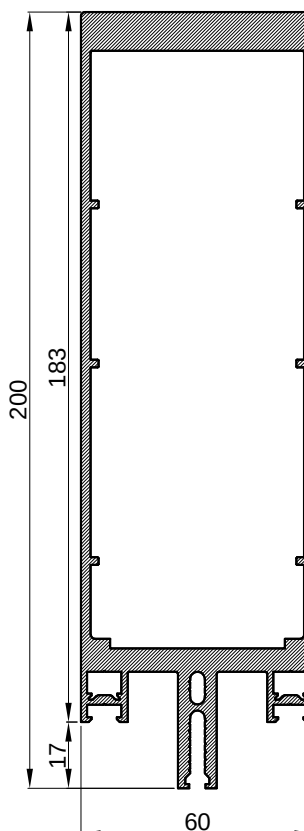




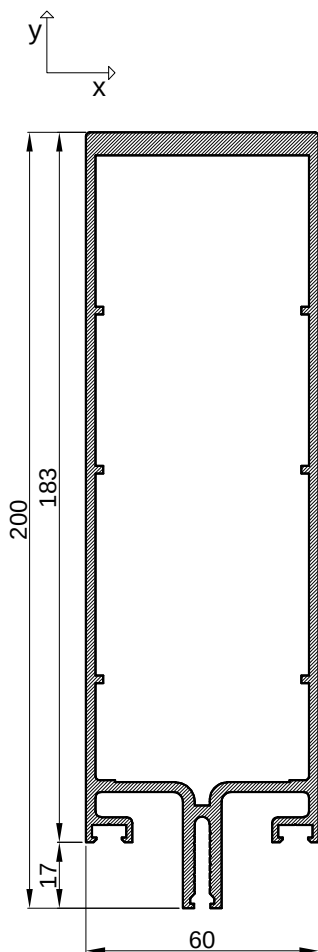
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/270	
Težina Weight	kg/m'	6.20
Opseg Perimeter	mm	821.03
Moment inerције Moments of inertia	I _x (cm ⁴)	2091.34
	I _y (cm ⁴)	123.88
	W _x (cm ³)	144.62
	W _y (cm ³)	41.29
L	mm	≤6800



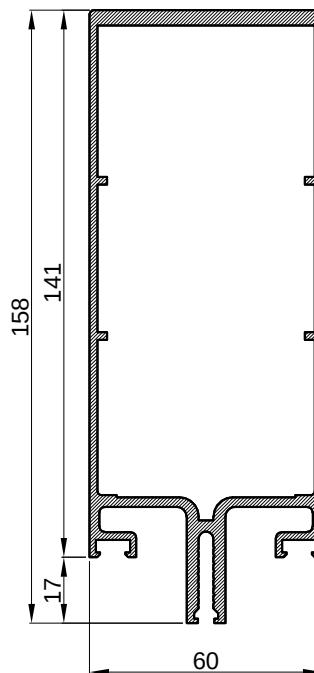
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/202	
Težina Weight	kg/m'	4.150
Opseg Perimeter	mm	645.01
Moment inercije Moments of inertia	I _x (cm ⁴)	773.83
	I _y (cm ⁴)	84.46
	W _x (cm ³)	74.27
	W _y (cm ³)	28.15
L	mm	≤6800



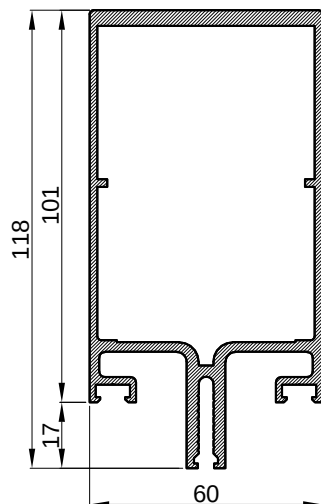
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/200-S	
Težina Weight	kg/m'	5.660
Opseg Perimeter	mm	641.02
Moment inercije Moments of inertia	I _x (cm ⁴)	1081.13
	I _y (cm ⁴)	103.52
	W _x (cm ³)	100.62
	W _y (cm ³)	34.51
L	mm	≤6800



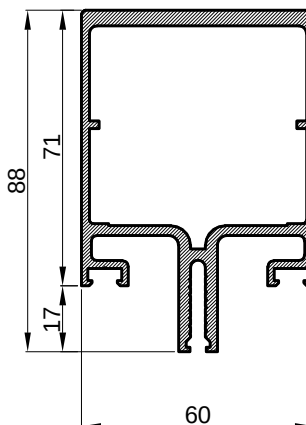
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/200	
Težina Weight	kg/m'	4.418
Opseg Perimeter	mm	681.00
Moment inerције Moments of inertia	I _x (cm ⁴)	795.28
	I _y (cm ⁴)	91.95
	W _x (cm ³)	74.42
	W _y (cm ³)	30.65
L	mm	≤6800



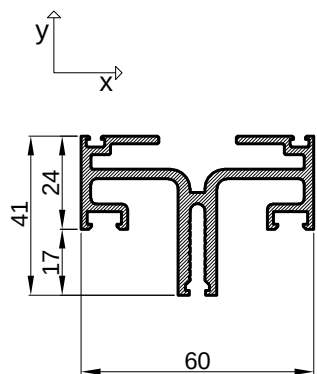
Okomica Mullion		
Art.Br. Art.Nr.	FMR 60/158	
Težina Weight	kg/m'	3.213
Opseg Perimeter	mm	597.00
Moment inercije Moments of inertia	I _x (cm ⁴)	358.43
	I _y (cm ⁴)	62.22
	W _x (cm ³)	45.12
	W _y (cm ³)	20.74
L	mm	≤6800



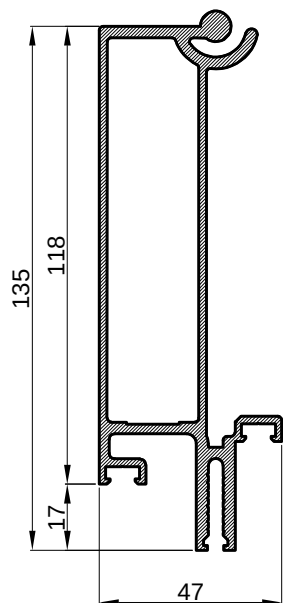
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/118	
Težina Weight	kg/m'	2.755
Opseg Perimeter	mm	517.04
Moment inercije Moments of inertia	I _x (cm ⁴)	164.97
	I _y (cm ⁴)	48.03
	W _x (cm ³)	26.97
	W _y (cm ³)	16.01
L	mm	≤6800



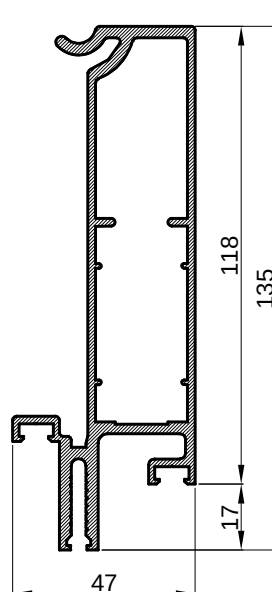
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/88	
Težina Weight	kg/m'	2.429
Opseg Perimeter	mm	457.00
Moment inercije Moments of inertia	I _x (cm ⁴)	74.02
	I _y (cm ⁴)	38.07
	W _x (cm ³)	15.41
	W _y (cm ³)	20.74
L	mm	≤6800



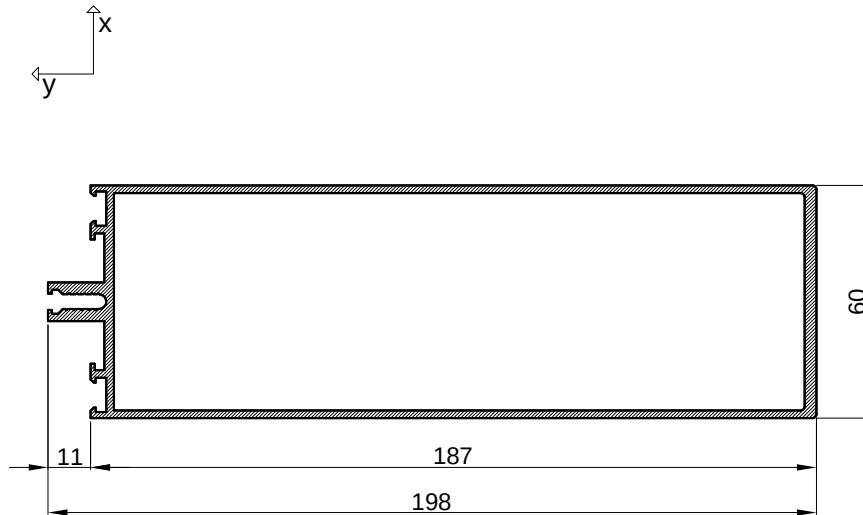
Okomica Mullion		
Art.Br. Art.Nr.	FMO 60/41	
Težina Weight	kg/m'	1.50
Opseg Perimeter	mm	473.00
Moment inercije Moments of inertia	I _x (cm ⁴)	5.75
	I _y (cm ⁴)	18.63
	W _x (cm ³)	2.24
	W _y (cm ³)	6.21
L	mm	≤6800



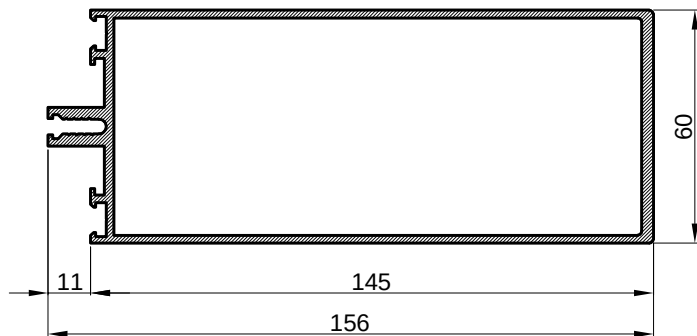
Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	FMO 050	
Težina Weight	kg/m'	2.570
Opseg Perimeter	mm	552.00
Moment inerције Moments of inertia	I _x (cm ⁴)	200.47
	I _y (cm ⁴)	16.72
	W _x (cm ³)	28.83
	W _y (cm ³)	6.11
L	mm	≤6800



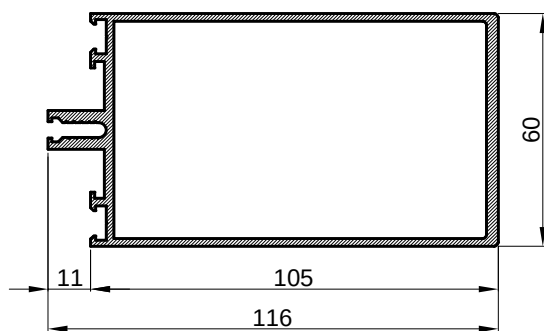
Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	FMO 051	
Težina Weight	kg/m'	2.70
Opseg Perimeter	mm	526.00
Moment inercije Moments of inertia	I _x (cm ⁴)	177.48
	I _y (cm ⁴)	15.59
	W _x (cm ³)	22.47
	W _y (cm ³)	2.73
L	mm	≤6800



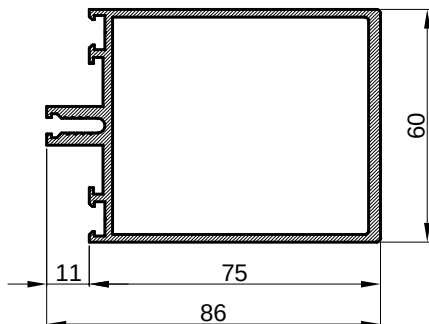
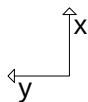
Vodoravnica Transom		
Art.Br. Art.Nr.	FMV 60/198	
Težina Weight	kg/m'	3.10
Opseg Perimeter	mm	592.75
Moment inercije Moments of inertia	I _x (cm ⁴)	554.65
	I _y (cm ⁴)	71.21
	W _x (cm ³)	23.74
	W _y (cm ³)	55.90
L	mm	≤ 6800



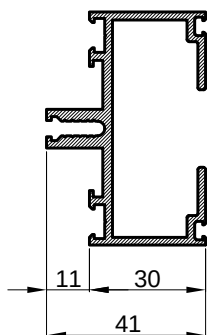
Vodoravnica Transom		
Art.Br. Art.Nr.	FMV 60/156	
Težina Weight	kg/m'	2.650
Opseg Perimeter	mm	508.70
Moment inercije Moments of inertia	I _x (cm ⁴)	302.31
	I _y (cm ⁴)	57.07
	W _x (cm ³)	19.02
	W _y (cm ³)	38.39
L	mm	≤ 6800



Vodoravnica Transom		
Art.Br. Art.Nr.	FMV 60/114	
Težina Weight	kg/m'	2.218
Opseg Perimeter	mm	428.67
Moment inercije Moments of inertia	I _x (cm ⁴)	141.94
	I _y (cm ⁴)	43.61
	W _x (cm ³)	14.54
	W _y (cm ³)	23.87
L	mm	≤ 6800



Vodoravnica Transom		
Art.Br. Art.Nr.	FMV 60/88	
Težina Weight	kg/m'	1.893
Opseg Perimeter	mm	367.00
Moment inercije Moments of inertia	I _x (cm ⁴)	65.76
	I _y (cm ⁴)	33.51
	W _x (cm ³)	11.17
	W _y (cm ³)	14.57
L	mm	≤6800



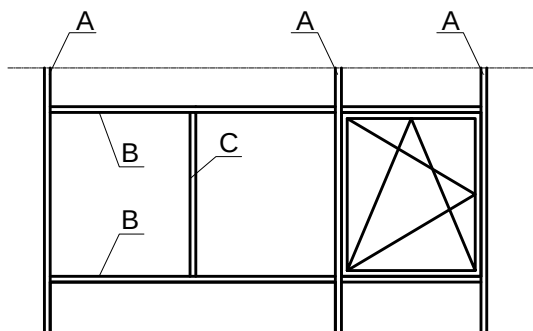
Vodoravnica Transom		
Art.Br. Art.Nr.	FMV 60/41	
Težina Weight	kg/m'	1.167
Opseg Perimeter	mm	414.50
Moment inercije Moments of inertia	I _x (cm ⁴)	5.99
	I _y (cm ⁴)	17.11
	W _x (cm ³)	5.70
	W _y (cm ³)	2.83
L	mm	≤6800

TREĆI NIVO

Varijanta sa pomoćnom vodoravnicom FMP 60/200

THREE LEVELS

Versions with auxiliary transom FMP 60/200



A: Okomica
A: Mullion

-FMO 60/202

B: Pomoćna vodoravnica
B: Auxilliary transom

-FMP 60/200

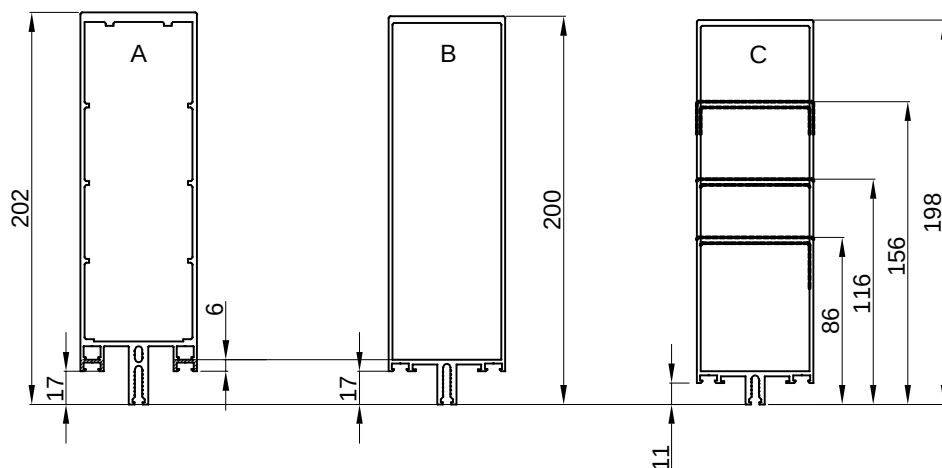
C: Vodoravnica
C: Transom

-FMV 60/198

-FMV 60/156

-FMV 60/114

-FMV 60/88



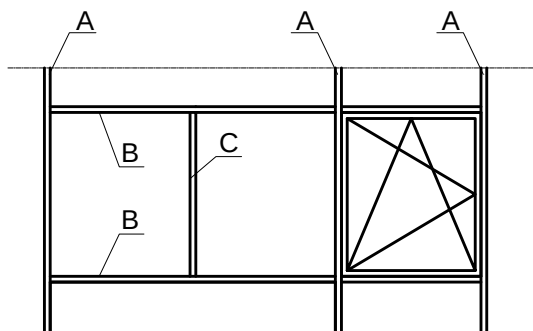
Pomoćna vodoravnica Auxilliary transom		
Art.Br. Art.Nr.	FMP 60/200	
Težina Weight	kg/m'	3.240
Opseg Perimeter	mm	609.75
Moment inercije Moments of inertia	I _x (cm ⁴)	587.21
	I _y (cm ⁴)	70.64
	W _x (cm ³)	23.55
	W _y (cm ³)	57.31
L	mm	≤ 6800

TREĆI NIVO

Varijanta sa pomoćnom vodoravnicom FMP 60/88

THREE LEVELS

Versions with auxiliary transom FMP 60/88



A: Okomica
A: Mullion

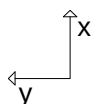
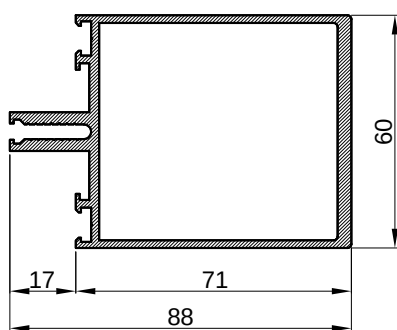
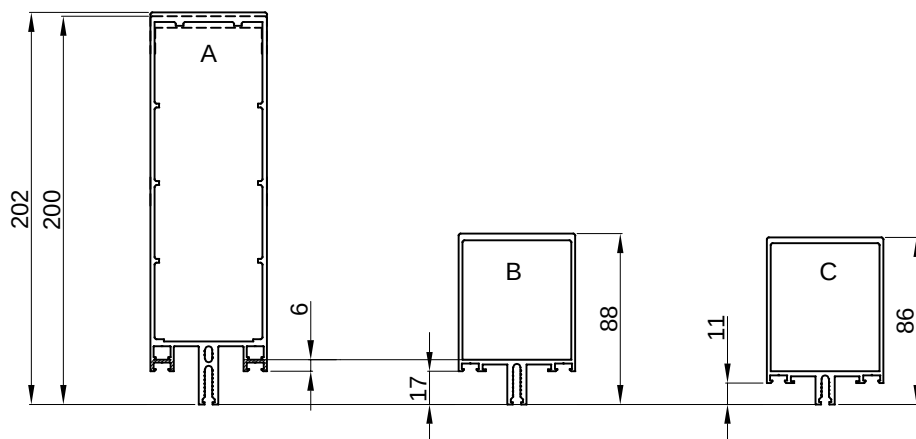
B: Pomoćna vodoravnica
B: Auxilliary transom

C: Vodoravnica
C: Transom

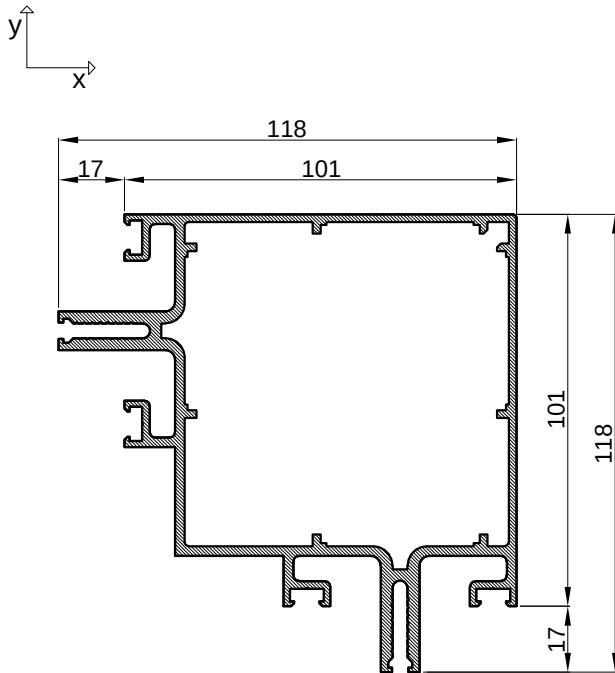
-FMO 60/202
-FMO 60/200-S

-FMP 60/88

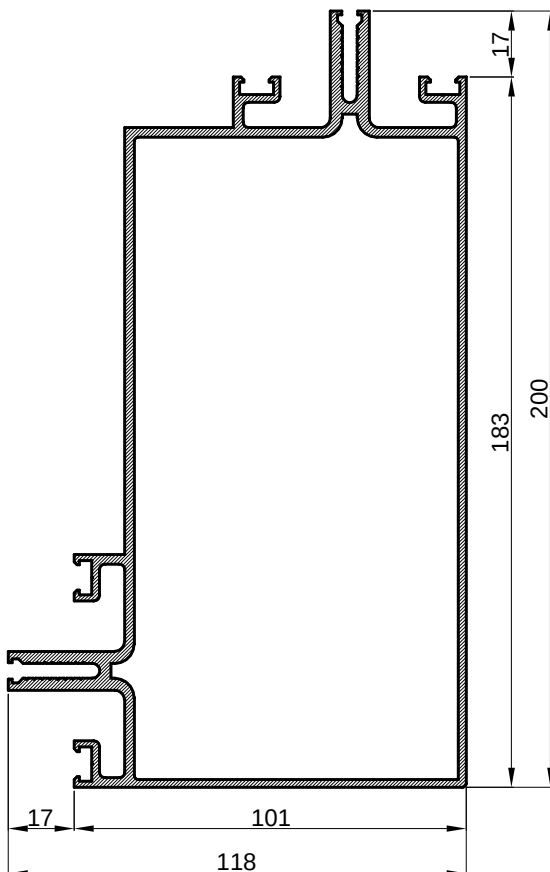
-FMV 60/88



Pomoćna vodoravnica Auxilliary transom		
Art.Br. Art.Nr.	FMP 60/88	
Težina Weight	kg/m'	2.030
Opseg Perimeter	mm	385.75
Moment inercije Moments of inertia	I _x (cm ⁴)	69.04
	I _y (cm ⁴)	32.95
	W _x (cm ³)	10.98
	W _y (cm ³)	14.27
L	mm	≤ 6800

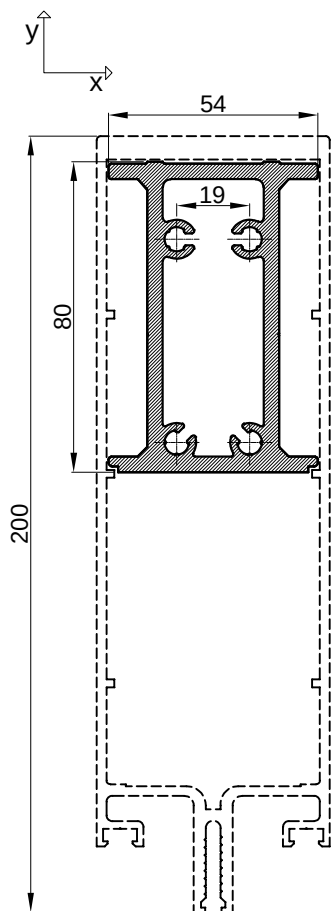


Kutna okomica Corner mullion		
Art.Br. Art.Nr.	FMO-053	
Težina Weight	kg/m'	3.80
Opseg Perimeter	mm	795.50
Moment inercije Moments of inertia	I _x (cm ⁴)	194.48
	I _y (cm ⁴)	194.48
	W _x (cm ³)	30.24
	W _y (cm ³)	30.24
L	mm	≤ 6800

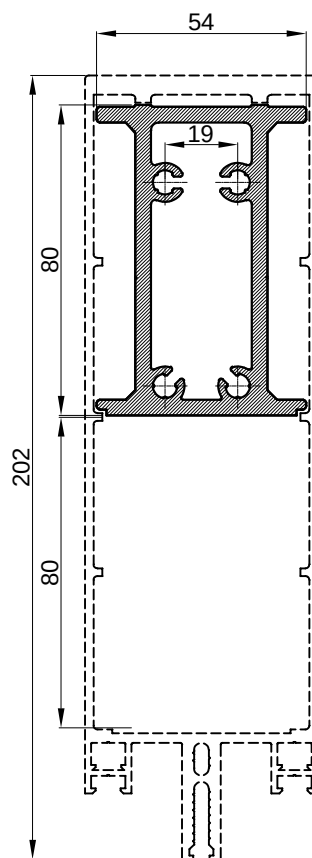


Kutna okomica Corner mullion		
Art.Br. Art.Nr.	FMO-054	
Težina Weight	kg/m'	4.640
Opseg Perimeter	mm	959.35
Moment inercije Moments of inertia	I _x (cm ⁴)	804.38
	I _y (cm ⁴)	254.60
	W _x (cm ³)	75.98
	W _y (cm ³)	39.24
L	mm	≤ 6800

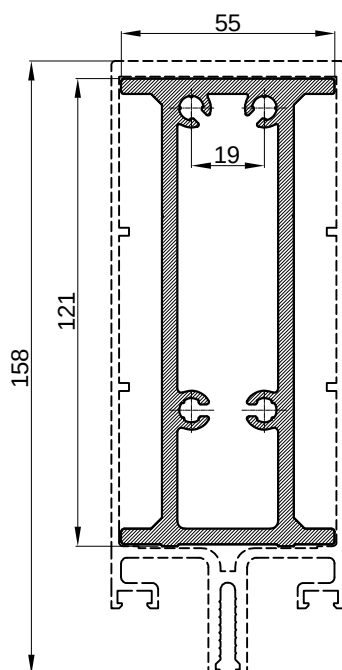




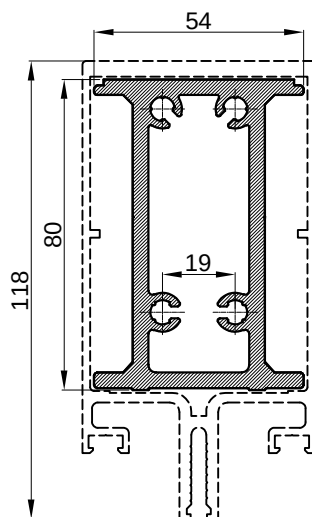
Ojačanja Reinforcement		
Art.Br. Art.Nr.	SB-063/M/A	
Težina Weight	kg/m'	3.120
Opseg Perimeter	mm	300.00
Moment inercije Moments of inertia	I _x (cm ⁴)	94.407
	I _y (cm ⁴)	24.70
	W _x (cm ³)	23.139
	W _y (cm ³)	9.148
L	mm	≤ 6800
Art.Br. Art.Nr.	SB-063/M/A + FMO 60/200	
Moment inercije Moments of inertia	I _x (cm ⁴)	989.33
	I _y (cm ⁴)	116.65
	W _x (cm ³)	82.01
	W _y (cm ³)	38.88



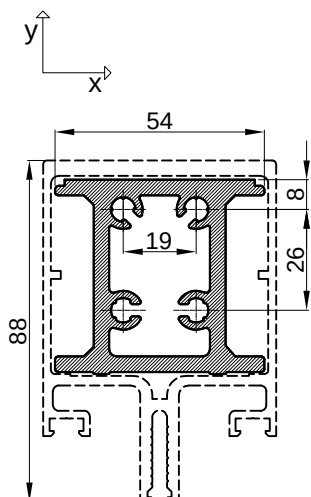
Ojačanja Reinforcement		
Art.Br. Art.Nr.	SB-063/M/A	
Težina Weight	kg/m'	3.120
Opseg Perimeter	mm	300.00
Moment inercije Moments of inertia	I _x (cm ⁴)	94.407
	I _y (cm ⁴)	24.70
	W _x (cm ³)	23.139
	W _y (cm ³)	9.148
L	mm	≤ 6800
Art.Br. Art.Nr.	SB-063/M/A + FMO 60/202	
Moment inercije Moments of inertia	I _x (cm ⁴)	981.06
	I _y (cm ⁴)	109.16
	W _x (cm ³)	82.09
	W _y (cm ³)	36.38



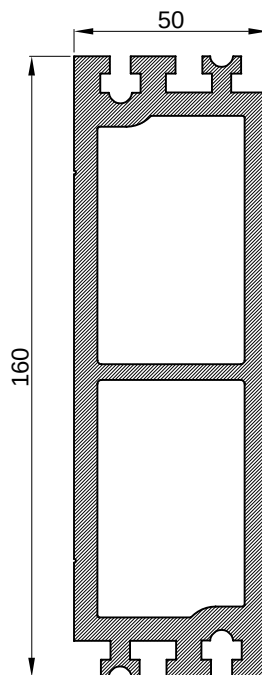
Ojačanja Reinforcement		
Art.Br. Art.Nr.	SB-062/M/A	
Težina Weight	kg/m'	4.040
Opseg Perimeter	mm	384.51
Moment inercije Moments of inertia	I _x (cm ⁴)	270.23
	I _y (cm ⁴)	33.23
	W _x (cm ³)	44.27
	W _y (cm ³)	12.08
L	mm	≤ 6800
Art.Br. Art.Nr.	SB-062/M/A + FMO 60/158	
Moment inercije Moments of inertia	I _x (cm ⁴)	638.84
	I _y (cm ⁴)	95.45
	W _x (cm ³)	73.41
	W _y (cm ³)	31.82



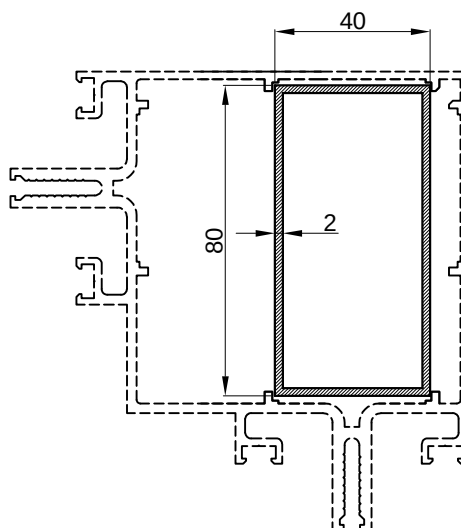
Ojačanja Reinforcement		
Art.Br. Art.Nr.	SB-063/M/A	
Težina Weight	kg/m'	3.120
Opseg Perimeter	mm	300.00
Moment inercije Moments of inertia	I _x (cm ⁴)	94.407
	I _y (cm ⁴)	24.70
	W _x (cm ³)	23.139
	W _y (cm ³)	9.148
L	mm	≤ 6800
Art.Br. Art.Nr.	SB-063/M/A + FMO 60/118	
Moment inercije Moments of inertia	I _x (cm ⁴)	265.68
	I _y (cm ⁴)	72.73
	W _x (cm ³)	39.46
	W _y (cm ³)	24.24



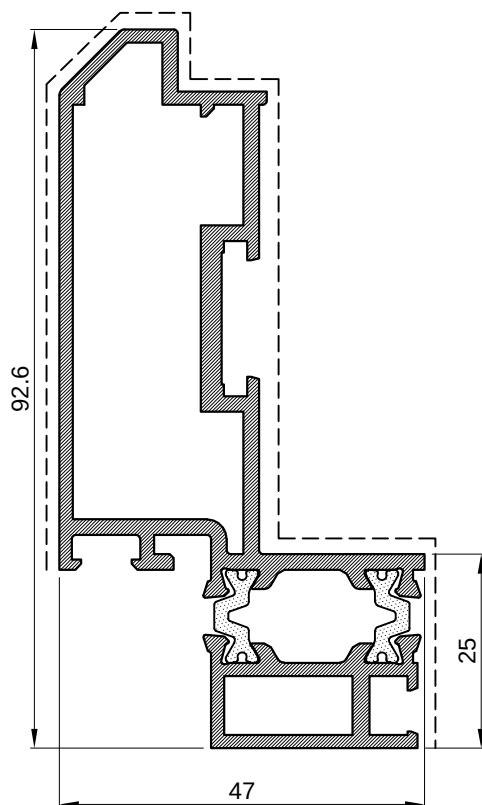
Ojačanja Reinforcement		
Art.Br. Art.Nr.	SB-068/M	
Težina Weight	kg/m'	2.474
Opseg Perimeter	mm	239.537
Moment inercije Moments of inertia	I _x (cm ⁴)	30.060
	I _y (cm ⁴)	19.270
	W _x (cm ³)	11.900
	W _y (cm ³)	7.134
L	mm	≤6800
Art.Br. Art.Nr.	SB-068/M + FMO 60/88	
Moment inercije Moments of inertia	I _x (cm ⁴)	107.41
	I _y (cm ⁴)	57.34
	W _x (cm ³)	20.46
	W _y (cm ³)	19.11



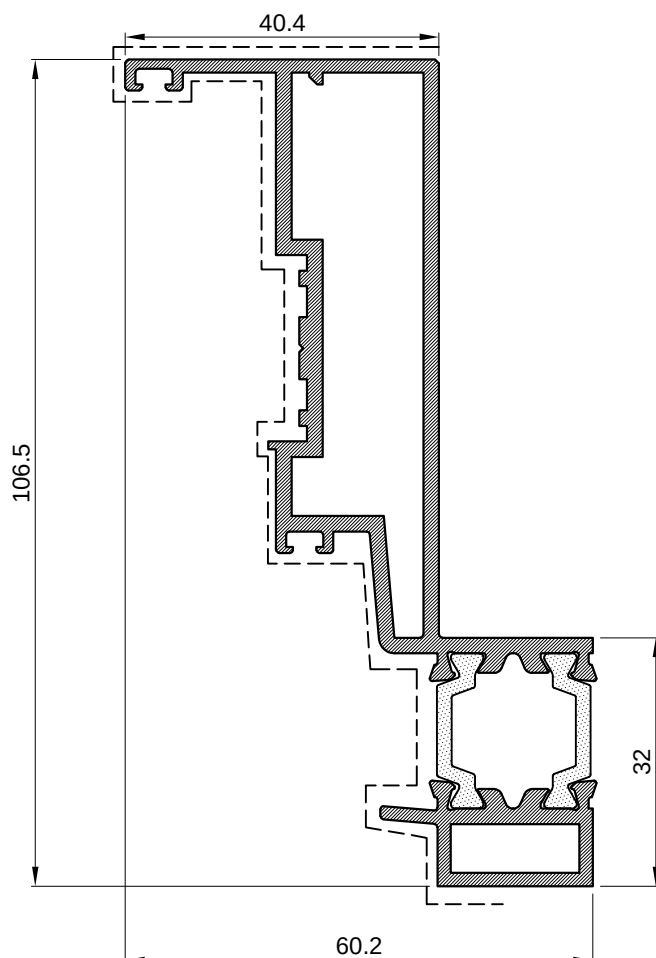
Ojačanja/ spoj okomica pod kutom Reinforcement/ angled mullion joint		
Art.Br. Art.Nr.	SB-065/M	
Težina Weight	kg/m'	7.484
Opseg Perimeter	mm	559.54
Moment inercije Moments of inertia	I _x (cm ⁴)	750.29
	I _y (cm ⁴)	99.63
	W _x (cm ³)	93.78
	W _y (cm ³)	39.85
L	mm	6500



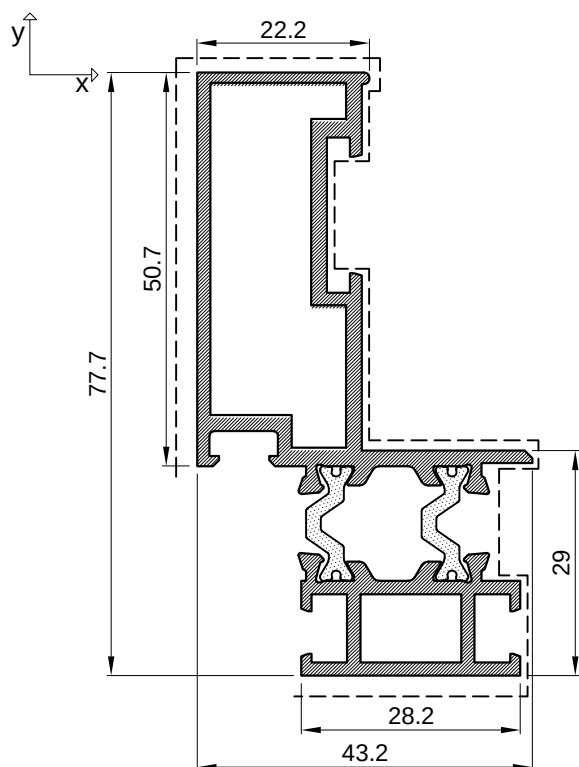
Ojačanja Reinforcement		
Art.Br. Art.Nr.	F-0176	
Težina Weight	kg/m'	1.250
Opseg Perimeter	mm	240.00
Moment inercije Moments of inertia	I _x (cm ⁴)	38.97
	I _y (cm ⁴)	13.12
	W _x (cm ³)	9.74
	W _y (cm ³)	6.56
L	mm	6500
Art.Br. Art.Nr.	F-0176 + FMO- 053	
Moment inercije Moments of inertia	I _x (cm ⁴)	235.97
	I _y (cm ⁴)	227.42
	W _x (cm ³)	35.31
	W _y (cm ³)	32.38



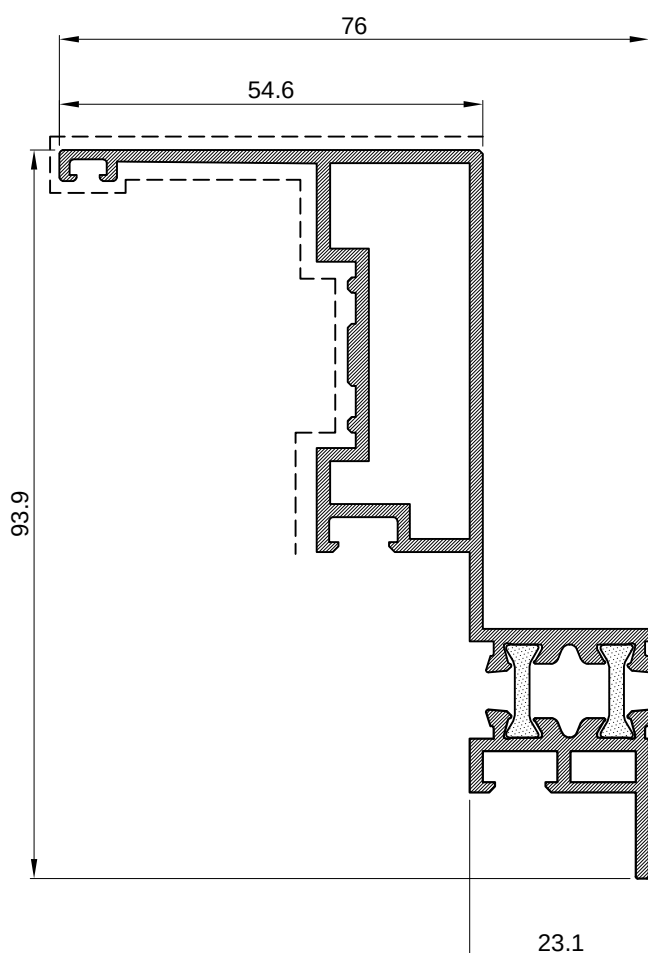
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0134	
Težina Weight	kg/m'	1.793
Opseg Perimeter	mm	342.00
Moment inercije Moments of inertia	I _x (cm ⁴)	47.57
	I _y (cm ⁴)	9.85
	W _x (cm ³)	9.02
	W _y (cm ³)	4.05
L	mm	6500



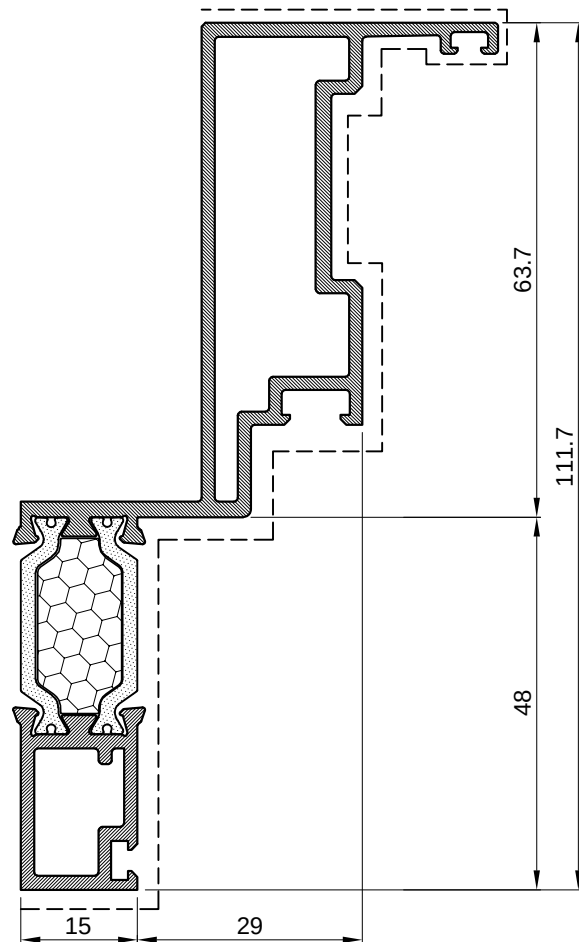
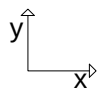
Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	FT-0133	
Težina Weight	kg/m'	1.907
Opseg Perimeter	mm	388.00
Moment inercije Moments of inertia	I _x (cm ⁴)	75.31
	I _y (cm ⁴)	10.29
	W _x (cm ³)	14.01
	W _y (cm ³)	3.19
L	mm	6500



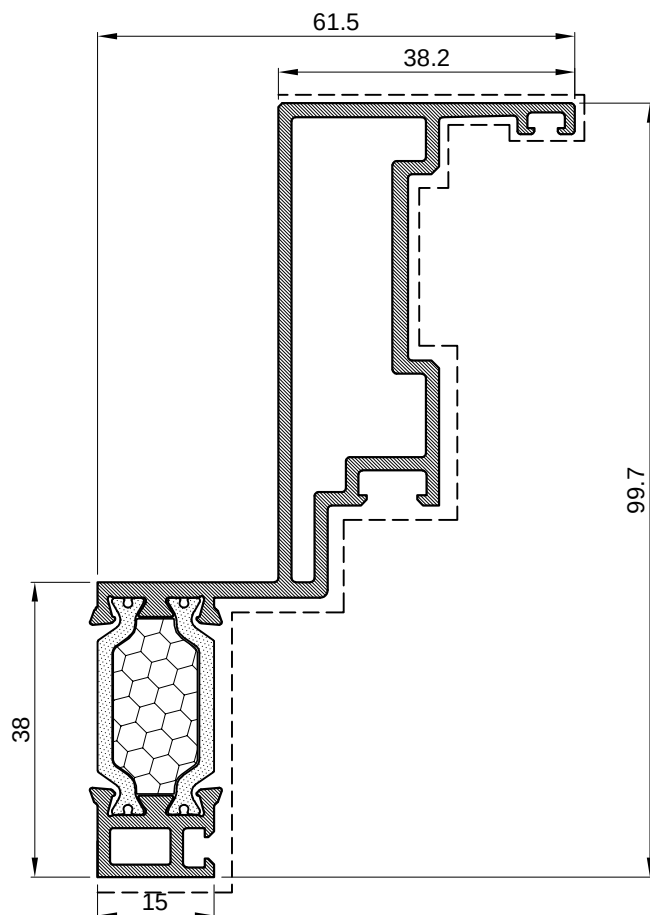
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0157	
Težina Weight	kg/m'	1.50
Opseg Perimeter	mm	376.00
Moment inercije Moments of inertia	I _x (cm ⁴)	30.05
	I _y (cm ⁴)	6.36
	W _x (cm ³)	7.04
	W _y (cm ³)	2.79
L	mm	6500



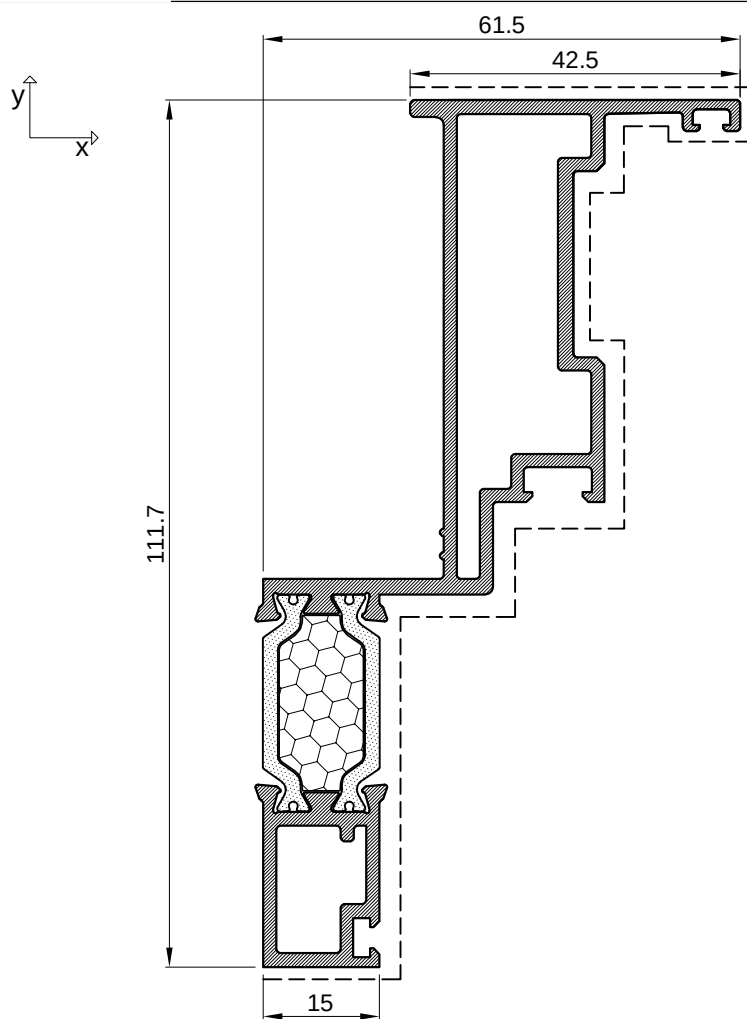
Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	FT-0126	
Težina Weight	kg/m'	1.630
Opseg Perimeter	mm	419.00
Moment inercije Moments of inertia	I _x (cm ⁴)	46.67
	I _y (cm ⁴)	15.09
	W _x (cm ³)	8.98
	W _y (cm ³)	3.37
L	mm	6500



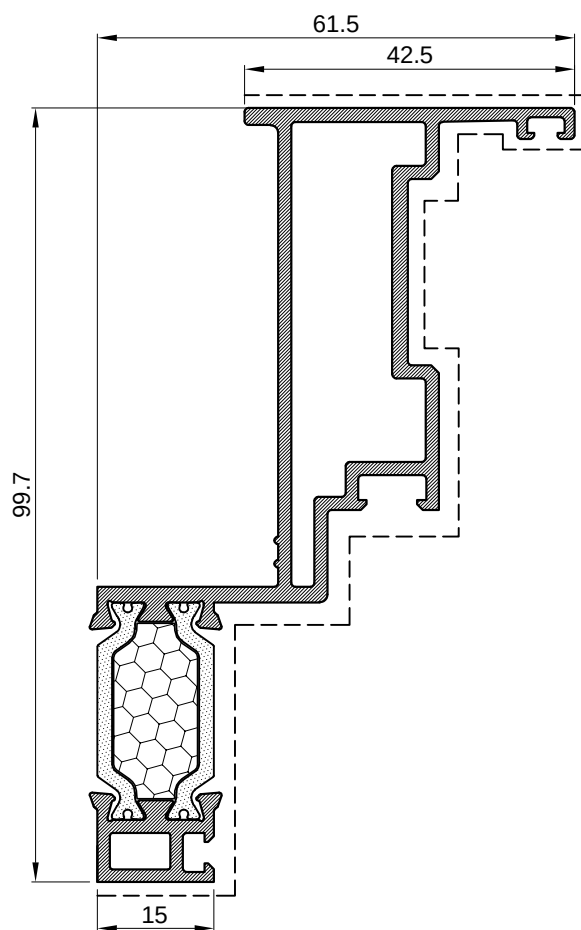
Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	FT-0169	
Težina Weight	kg/m'	1.668
Opseg Perimeter	mm	390.687
Moment inercije Moments of inertia	Ix (cm4)	55.7
	Iy (cm4)	12.94
	Wx (cm3)	11.36
	Wy (cm3)	3.51
L	mm	6500



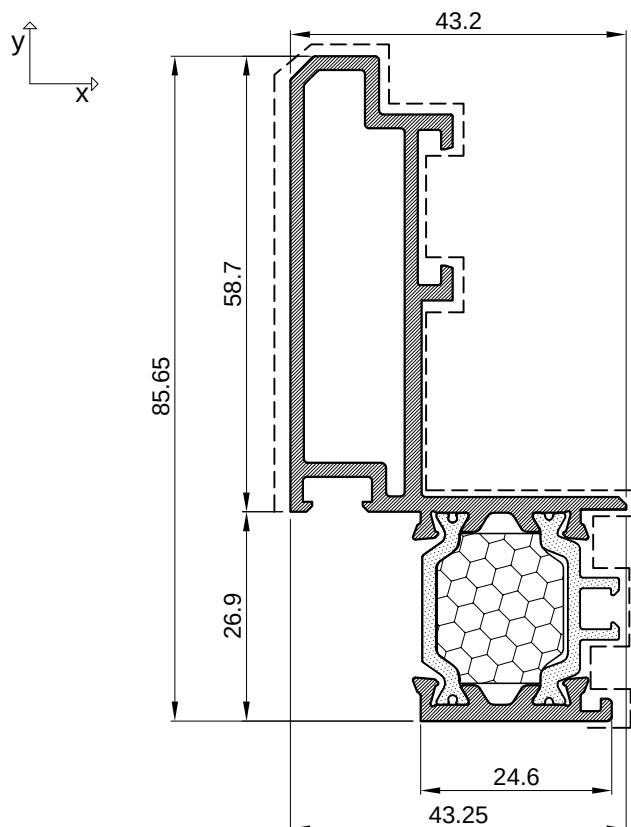
Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	FT-0161	
Težina Weight	kg/m'	1.522
Opseg Perimeter	mm	368.62
Moment inercije Moments of inertia	Ix (cm4)	49.30
	Iy (cm4)	9.93
	Wx (cm3)	8.89
	Wy (cm3)	3.17
L	mm	6500



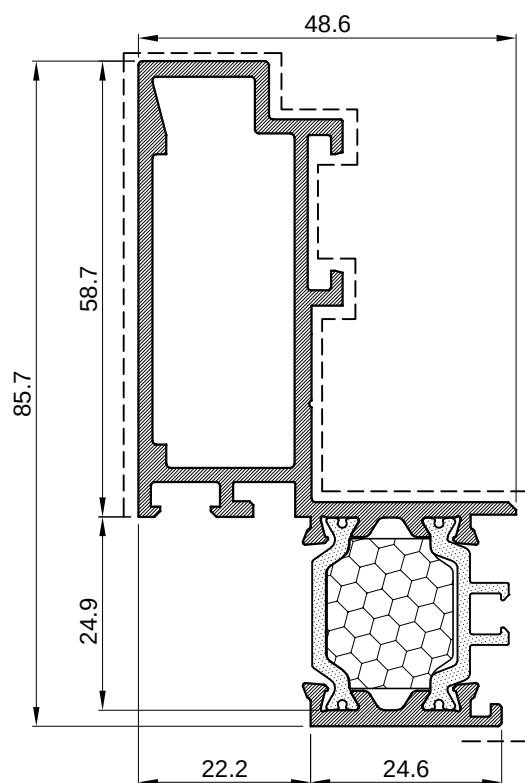
Ram fasadnog otvora Facade opening frame		
Art.-Br.	FT-0174	
Težina	kg/m'	1.608
Opseg	mm	400.82
Moment inercije	I _x (cm ⁴)	57.640
	I _y (cm ⁴)	12.950
	W _x (cm ³)	11.590
	W _y (cm ³)	3.510
Dužina isporuke	mm	6500



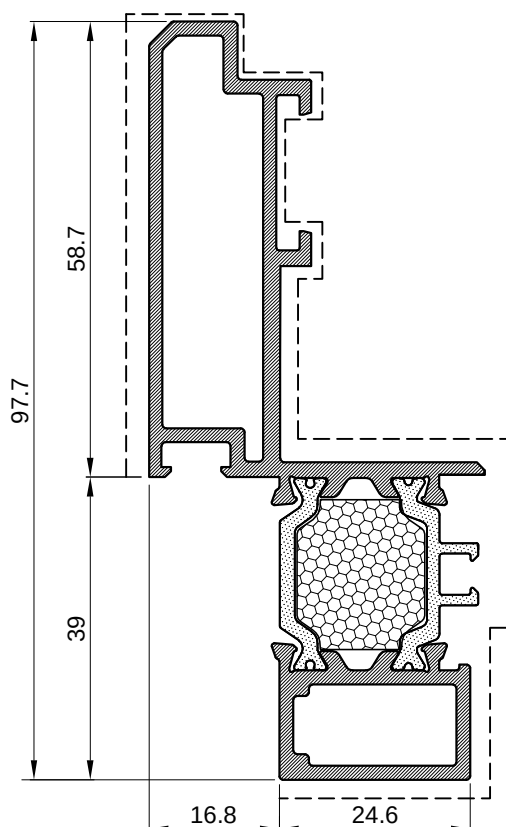
Ram fasadnog otvora Facade opening frame		
Art.-Br.	FT-0173	
Težina	kg/m'	1.544
Opseg	mm	377.59
Moment inercije	I _x (cm ⁴)	42.850
	I _y (cm ⁴)	11.150
	W _x (cm ³)	9.080
	W _y (cm ³)	3.170
Dužina isporuke	mm	6500



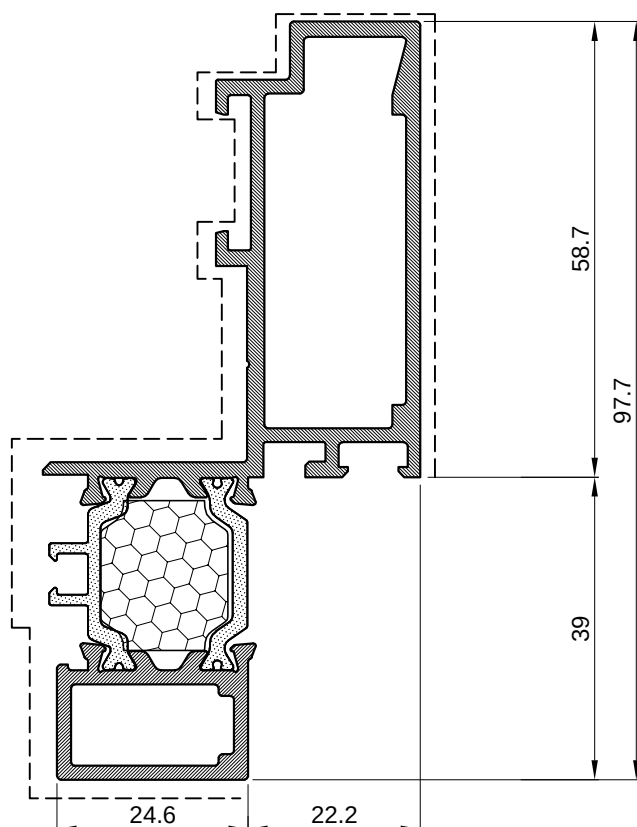
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0162	
Težina Weight	kg/m'	1.375
Opseg Perimeter	mm	331.65
Moment inercije Moments of inertia	Ix (cm4)	29.46
	Iy (cm4)	5.47
	Wx (cm3)	6.65
	Wy (cm3)	2.16
L	mm	6500



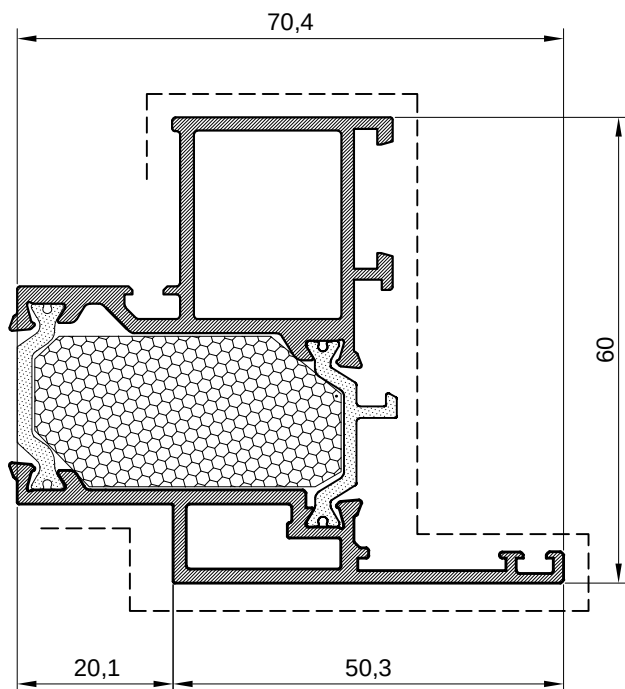
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0164	
Težina Weight	kg/m'	1.505
Opseg Perimeter	mm	356.85
Moment inercije Moments of inertia	Ix (cm4)	29.23
	Iy (cm4)	8.95
	Wx (cm3)	6.75
	Wy (cm3)	2.97
L	mm	6500



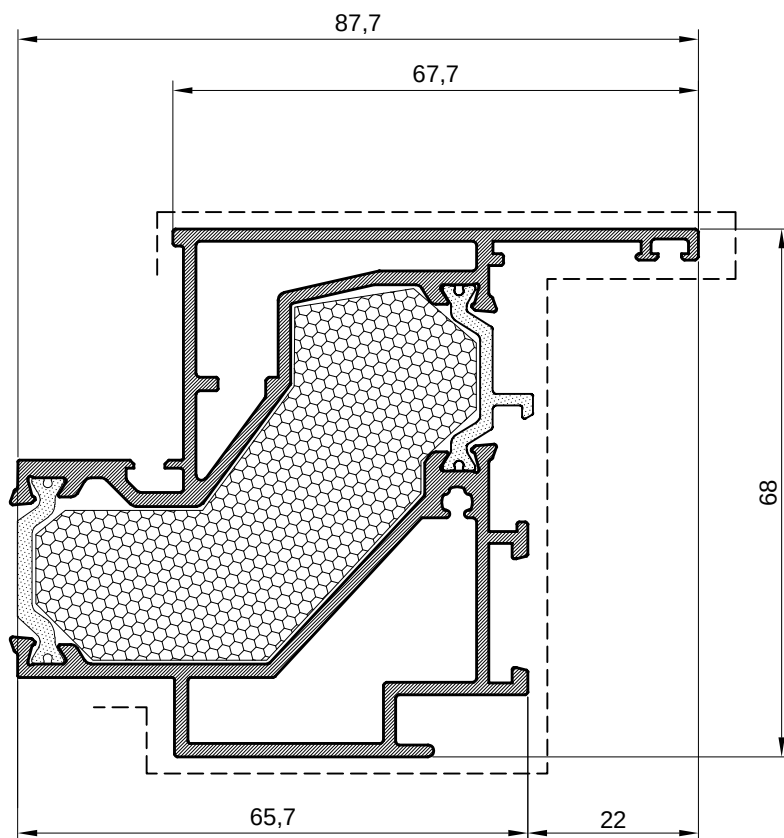
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0186	
Težina Weight	kg/m'	1.6
Opseg Perimeter	mm	371.67
Moment inercije Moments of inertia	I _x (cm ⁴)	37.61
	I _y (cm ⁴)	7.78
	W _x (cm ³)	9.01
	W _y (cm ³)	3.08
L	mm	6500



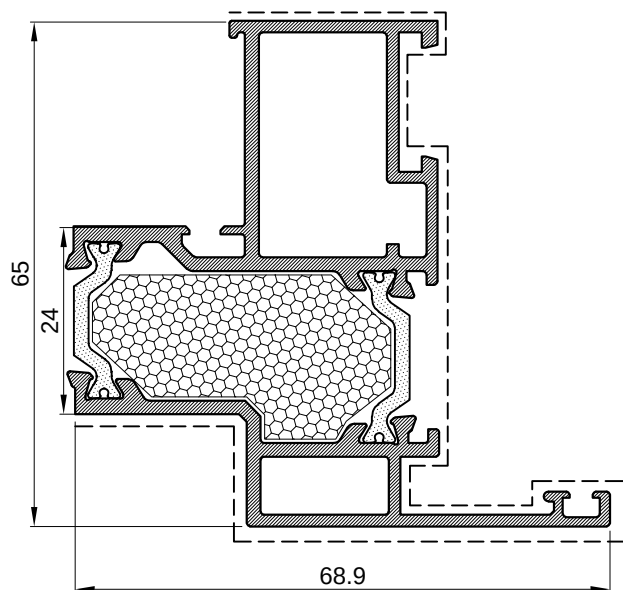
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	FT-0170	
Težina Weight	kg/m'	1.730
Opseg Perimeter	mm	378.62
Moment inercije Moments of inertia	I _x (cm ⁴)	42.86
	I _y (cm ⁴)	11.45
	W _x (cm ³)	10.66
	W _y (cm ³)	4.10
L	mm	6500



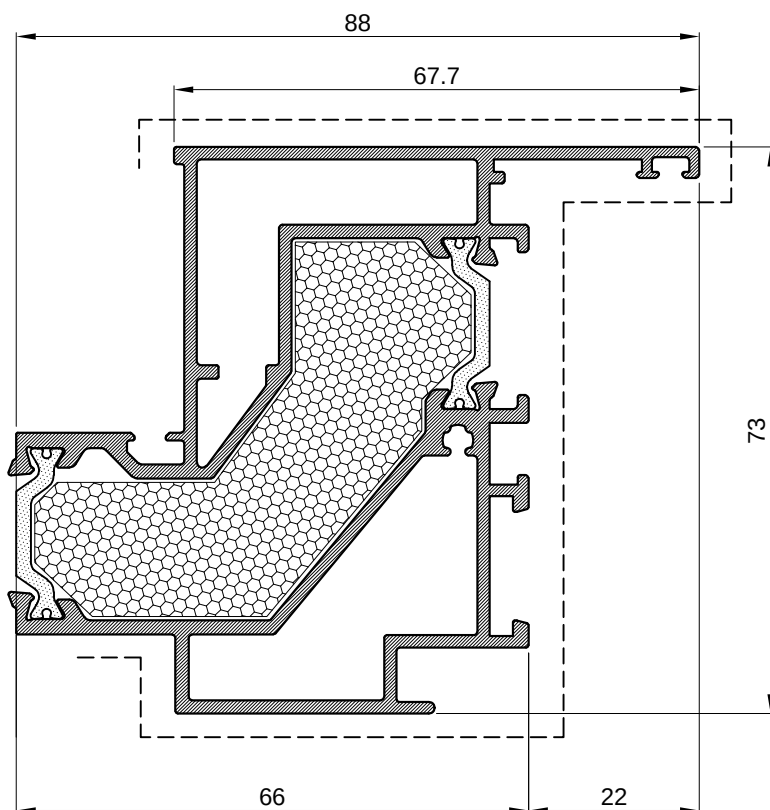
Ram Termo 60 otv. unutra Termo 60 frame inwards opening		
Art.Br. Art.Nr.	FT-0607 F	
Težina Weight	kg/m	1.49
Opseg Perimeter	mm	356.64
Moment inercije Moments of inertia	Ix (cm ⁴)	14.89
	Iy (cm ⁴)	12.72
	Wx (cm ⁴)	5.86
	Wy (cm ⁴)	3.17
L	mm	6500



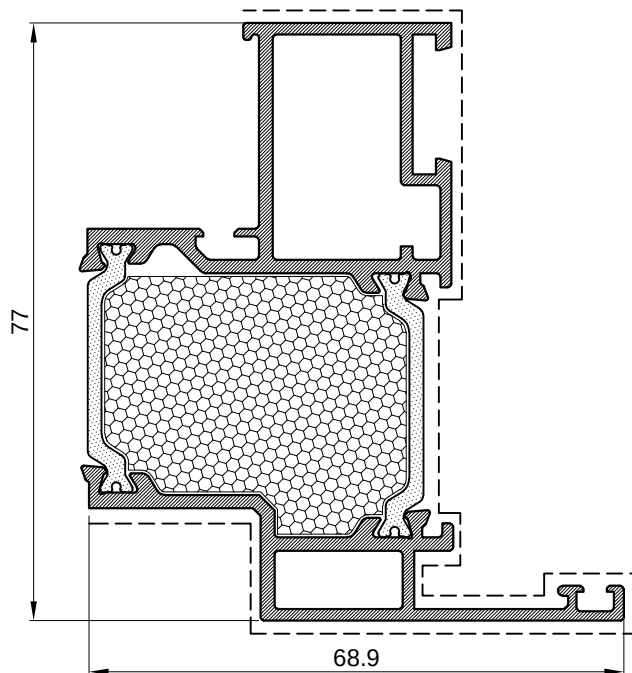
Ram Termo 60 otv.vani Termo 60 frame outwards opening		
Art.Br. Art.Nr.	FT-0608 F	
Težina Weight	kg/m	2.02
Opseg Perimeter	mm	416.18
Moment inercije Moments of inertia	Ix (cm ⁴)	28.26
	Iy (cm ⁴)	29.01
	Wx (cm ⁴)	10.03
	Wy (cm ⁴)	5.96
L	mm	6500



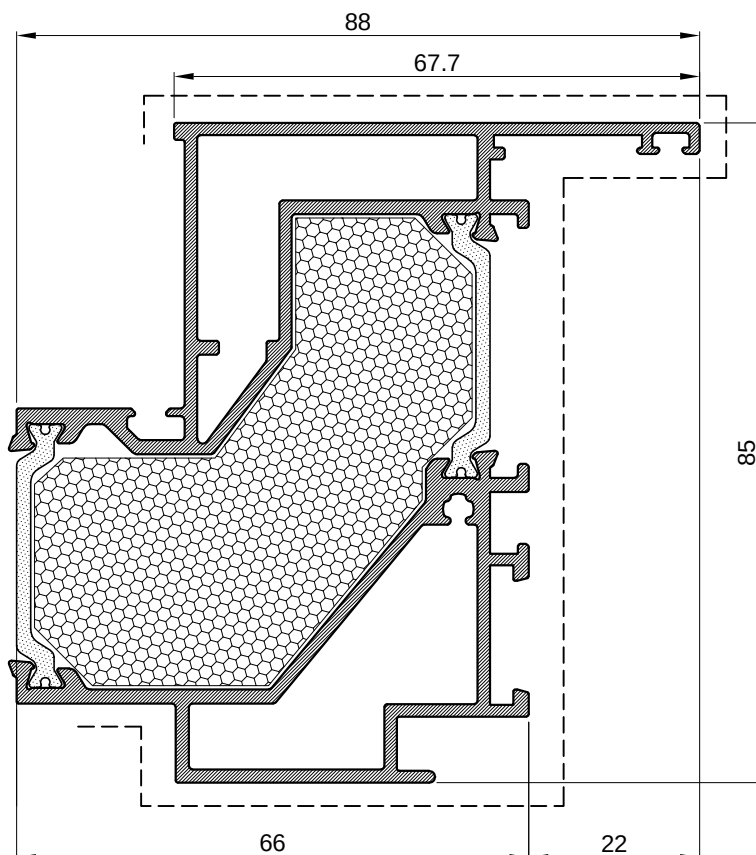
Ram Termo 65 otv. unutra Termo 65 frame inwards opening		
Art.Br. Art.Nr.	FT-0261 F	
Težina Weight	kg/m'	1.479
Opseg Perimeter	mm	361.00
Moment inercije Moments of inertia	Ix (cm4)	16.41
	Iy (cm4)	12.38
	Wx (cm3)	5.83
	Wy (cm3)	3.22
L	mm	6500



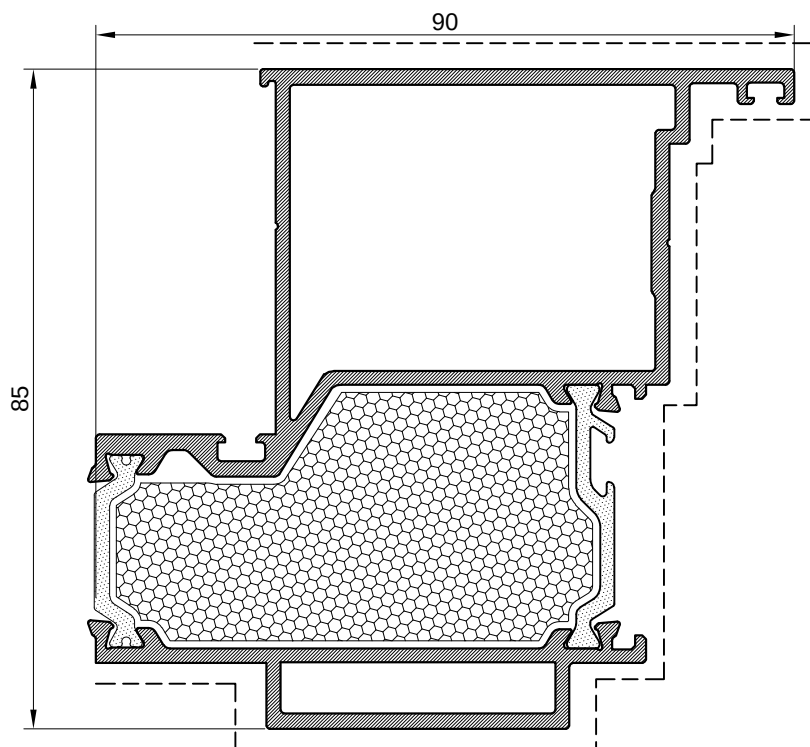
Ram Termo 65 otv. vani Termo 65 frame outwards opening		
Art.Br. Art.Nr.	FT-0290 F	
Težina Weight	kg/m	2.14
Opseg Perimeter	mm	440.29
Moment inercije Moments of inertia	Ix (cm4)	34.33
	Iy (cm4)	31.28
	Wx (cm4)	9.01
	Wy (cm4)	6.52
L	mm	6500



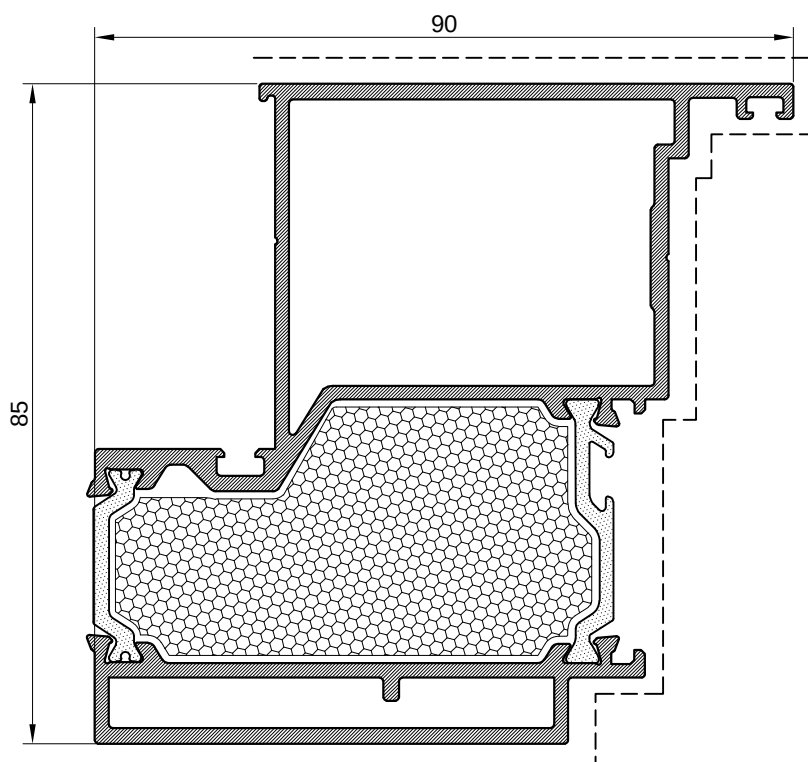
Ram Termo 85 otv. unutra Termo 85 frame inwards opening		
Art.Br. Art.Nr.	FT-0261 HF	
Težina Weight	kg/m'	1.545
Opseg Perimeter	mm	372.82
Moment inercije Moments of inertia	I _x (cm ⁴)	25.300
	I _y (cm ⁴)	12.410
	W _x (cm ³)	8.100
	W _y (cm ³)	3.220
L	mm	6500



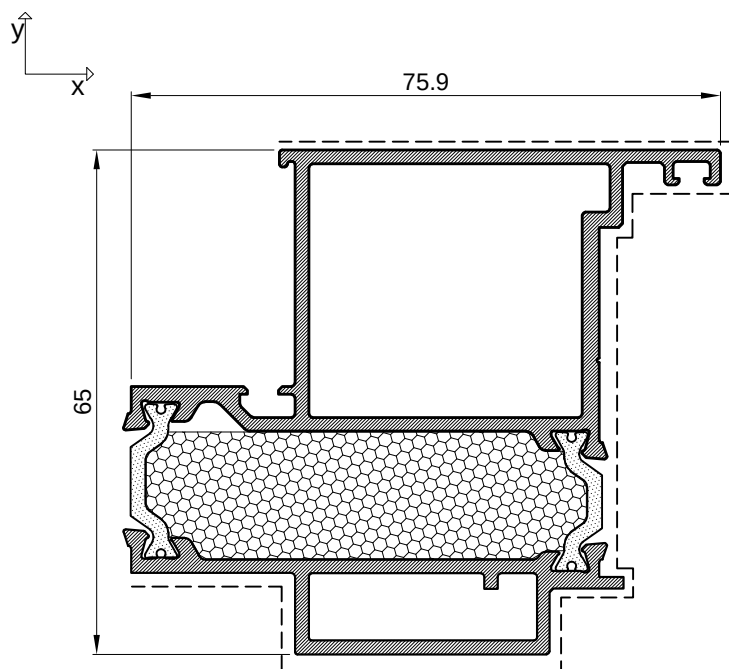
Ram Termo 85 otv.vani Termo 85 frame outwards opening		
Art.Br. Art.Nr.	FT-0290 HF	
Težina Weight	kg/m	2.21
Opseg Perimeter	mm	416.18
Moment inercije Moments of inertia	I _x (cm ⁴)	48.33
	I _y (cm ⁴)	31.3
	W _x (cm ⁴)	14.18
	W _y (cm ⁴)	6.52
L	mm	6500



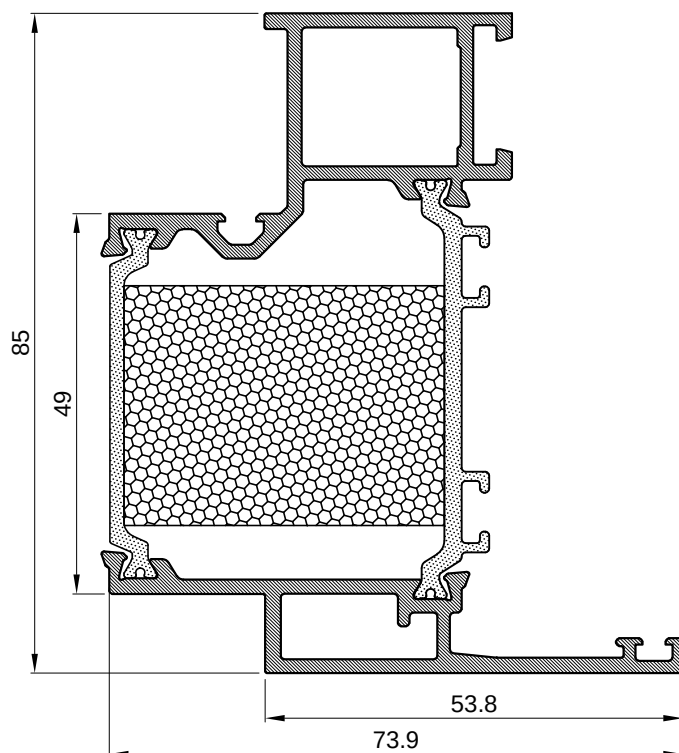
Ram vrata Termo 85 VS Door frame Termo 85 VS		
Art.Br. Art.Nr.	FT-0553 F	
Težina Weight	kg/m	2.230
Opseg Perimeter	mm	412.00
Moment inercije Moments of inertia	Ix (cm ⁴)	55.55
	Iy (cm ⁴)	45.28
	Wx (cm ⁴)	15.57
	Wy (cm ⁴)	9.95
L	mm	6500



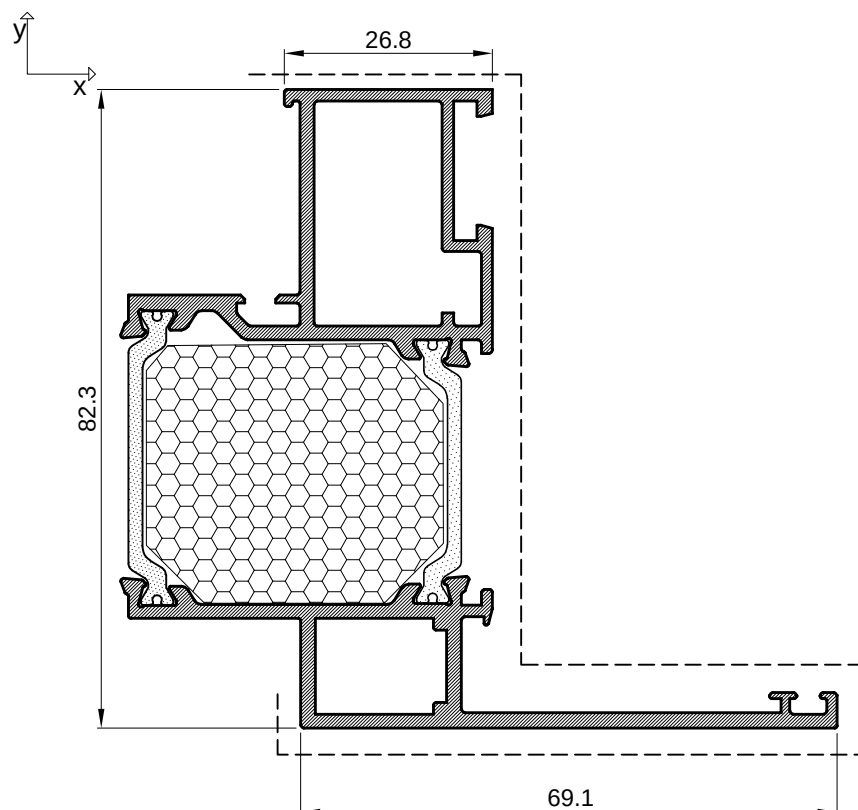
Ram vrata Termo 85 VS Door frame Termo 85 VS		
Art.Br. Art.Nr.	FT-0554 F	
Težina Weight	kg/m	2.374
Opseg Perimeter	mm	412.00
Moment inercije Moments of inertia	Ix (cm ⁴)	58.23
	Iy (cm ⁴)	47.32
	Wx (cm ⁴)	16.34
	Wy (cm ⁴)	9.50
L	mm	6500



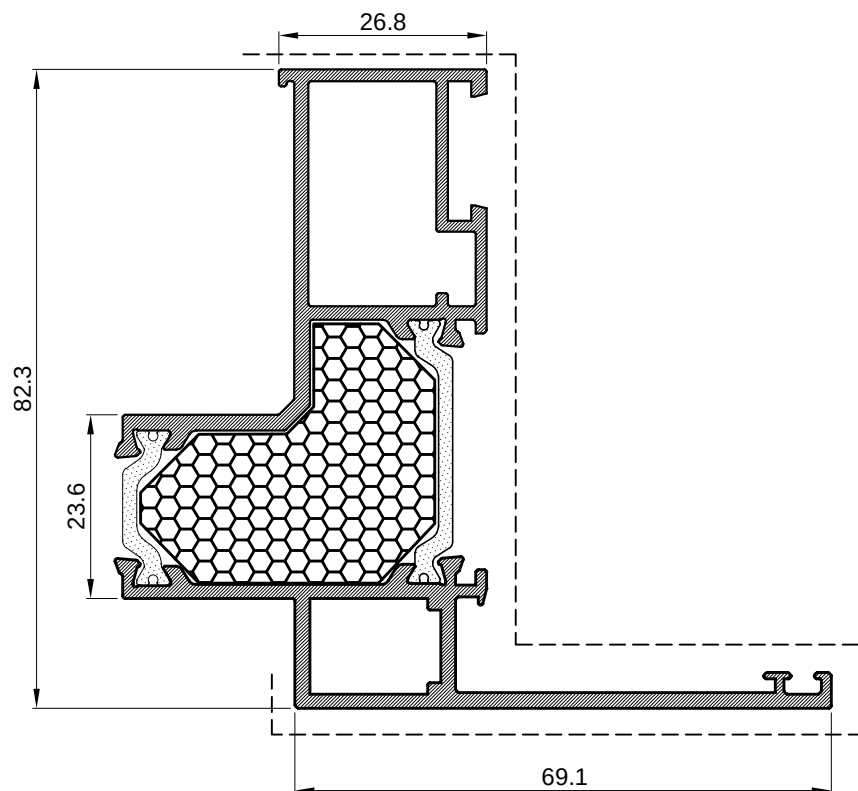
Ram vrata T65 VS Door frame T65 VS		
Art.Br. Art.Nr.	FT-0260 F	
Težina Weight	kg/m'	1.790
Opseg Perimeter	mm	360.64
Moment inercije Moments of inertia	Ix (cm4)	22.84
	Iy (cm4)	23.78
	Wx (cm3)	8.62
	Wy (cm3)	6.14
L	mm	6500



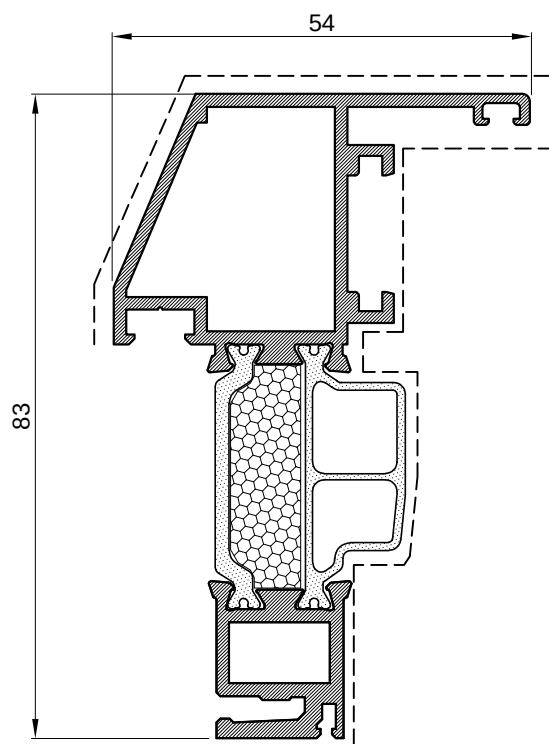
Ram Termo 85 PA Frame Termo 85 PA		
Art.Br. Art.Nr.	FT-1201	
Težina Weight	kg/m'	1.76
Opseg Perimeter	mm	417.57
Moment inercije Moments of inertia	Ix (cm4)	39.68
	Iy (cm4)	15.71
	Wx (cm3)	11.92
	Wy (cm3)	3.72
L	mm	6500



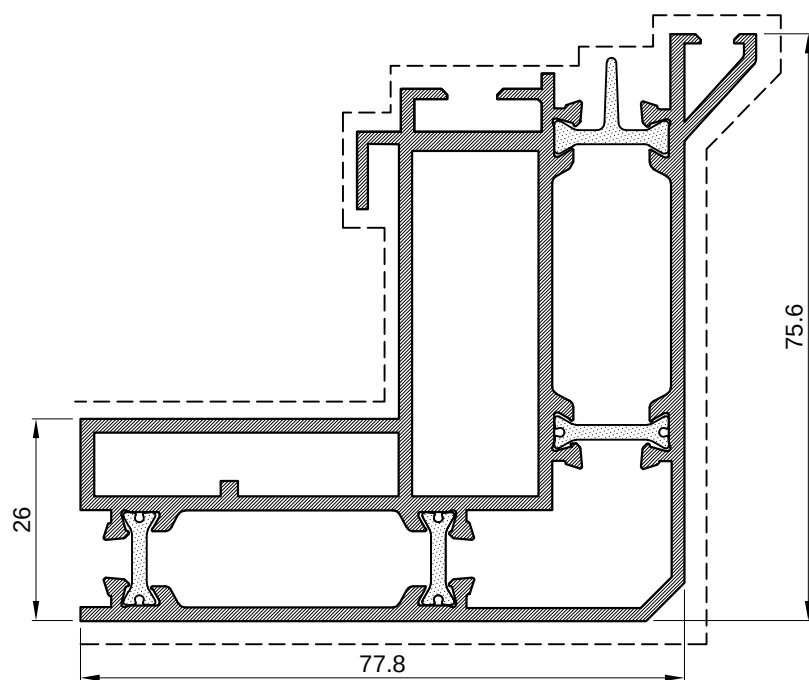
Ram za skryveno krilo Frame for hidden sash		
Art.Br. Art.Nr.	FT-0187 F	
Težina Weight	kg/m'	1.780
Opseg Perimeter	mm	441
Moment inerције Moments of inertia	I _x (cm ⁴)	35.39
	I _y (cm ⁴)	24.56
	W _x (cm ³)	9.88
	W _y (cm ³)	4.41
L	mm	6500



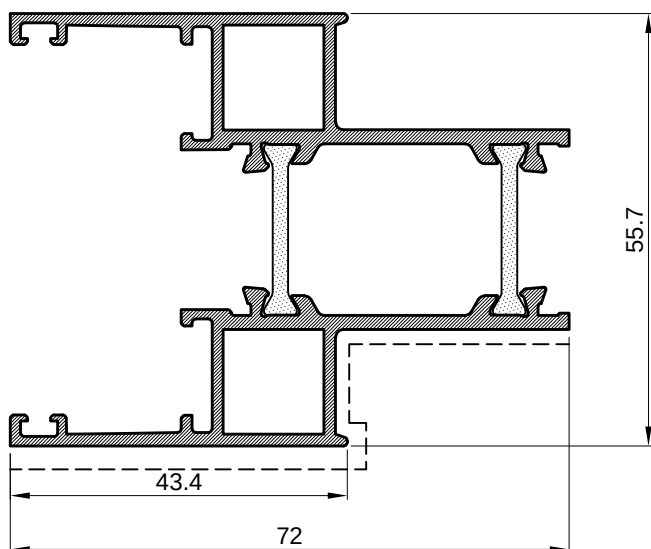
Ram za skryveno krilo Frame for hidden sash		
Art.Br. Art.Nr.	FT-0188 F	
Težina Weight	kg/m'	1.787
Opseg Perimeter	mm	426
Moment inercije Moments of inertia	I _x (cm ⁴)	34.83
	I _y (cm ⁴)	24.67
	W _x (cm ³)	9.17
	W _y (cm ³)	4.4
L	mm	6500



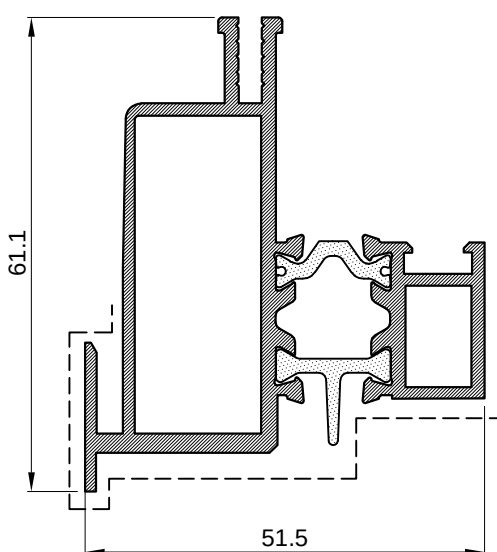
Skriveno krilo Hidden sash		
Art.Br. Art.Nr.	FT-0148 F	
Težina Weight	kg/m'	1.48
Opseg Perimeter	mm	370.00
Moment inercije Moments of inertia	I _x (cm ⁴)	28.30
	I _y (cm ⁴)	5.69
	W _x (cm ³)	8.18
	W _y (cm ³)	1.82
L	mm	6500



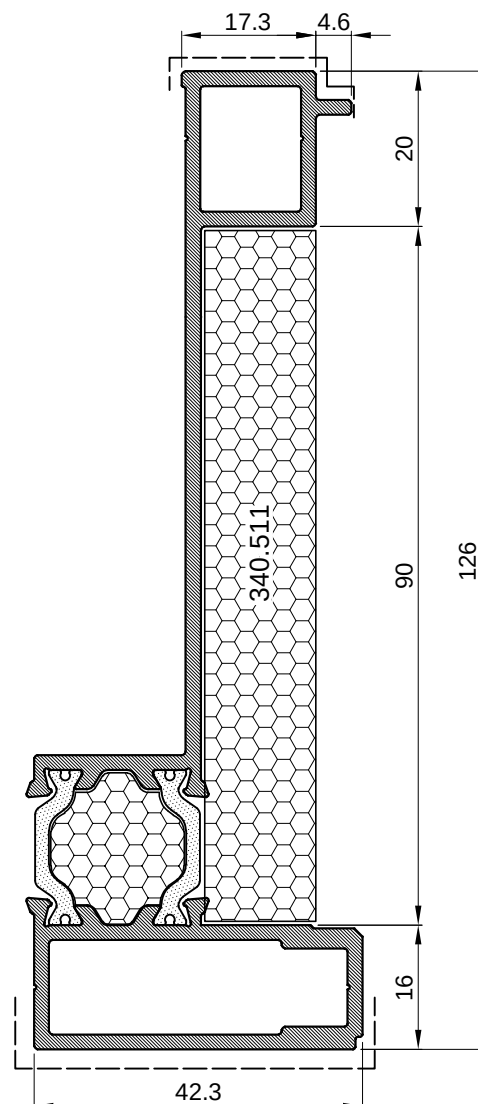
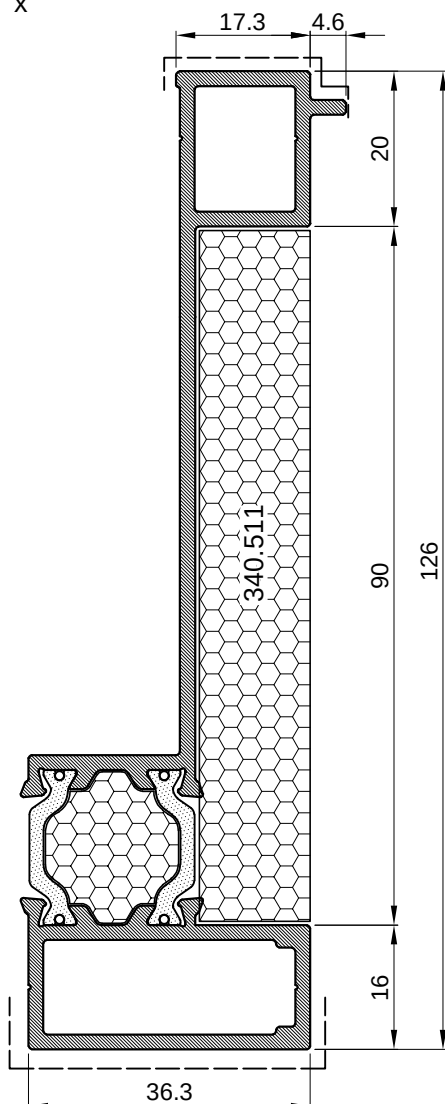
Ram krovnog prozora Roof window frame		
Art.Br. Art.Nr.	FT-0125	
Težina Weight	kg/m'	2.483
Opseg Perimeter	mm	439.00
Moment inercije Moments of inertia	I _x (cm ⁴)	46.02
	I _y (cm ⁴)	48.60
	W _x (cm ³)	10.36
	W _y (cm ³)	10.37
L	mm	6500



Profil za spoj sa zidom Wall connection profile		
Art.Br. Art.Nr.	FT-0135	
Težina Weight	kg/m'	1.387
Opseg Perimeter	mm	404.00
Moment inercije Moments of inertia	I _x (cm ⁴)	12.74
	I _y (cm ⁴)	15.00
	W _x (cm ³)	6.16
	W _y (cm ³)	4.12
L	mm	6500



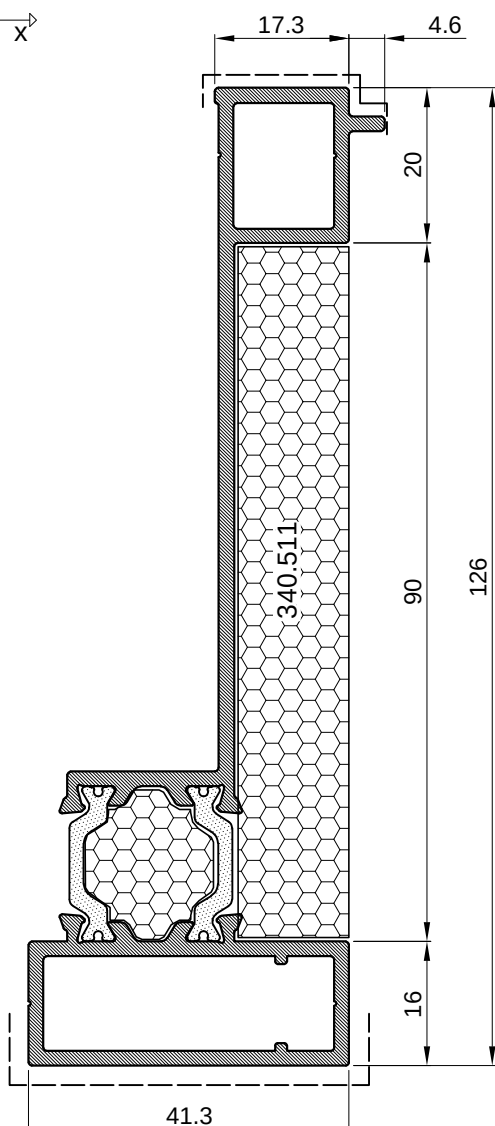
Krilo krovnog prozora Roof window sash		
Art.Br. Art.Nr.	FT-0124	
Težina Weight	kg/m'	1.323
Opseg Perimeter	mm	305.00
Moment inercije Moments of inertia	I _x (cm ⁴)	11.31
	I _y (cm ⁴)	9.98
	W _x (cm ³)	3.23
	W _y (cm ³)	3.57
L	mm	6500



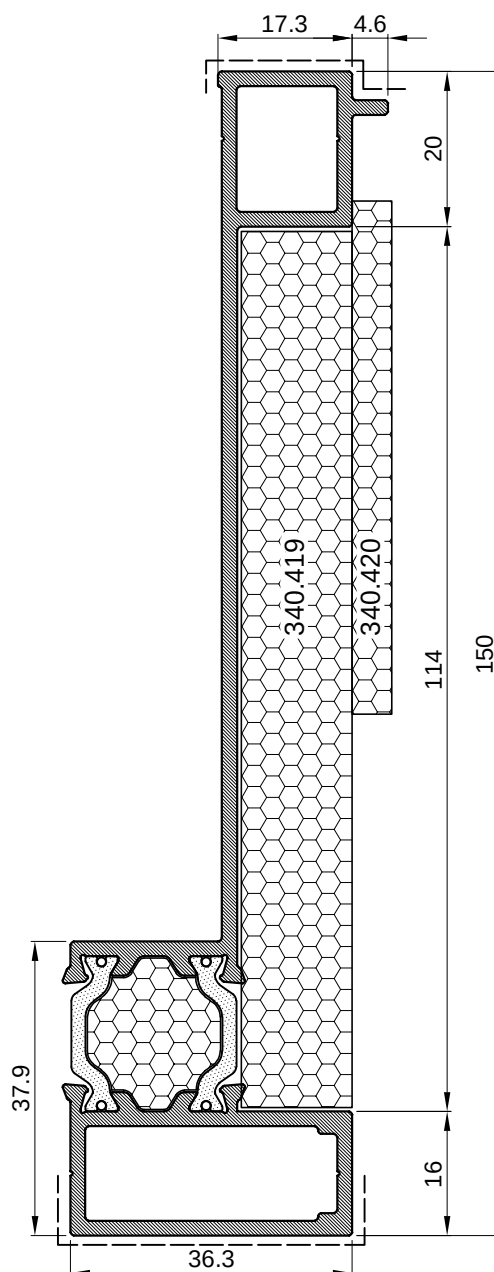
Spojni profil za T120 Connection profile for T120		
Art.Br. Art.Nr.	FT-1800F	
Težina Weight	kg/m'	1.631
Opseg Perimeter	mm	373
Moment inercije Moments of inertia	I _x (cm ⁴)	109.28
	I _y (cm ⁴)	5.98
	W _x (cm ³)	15.18
	W _y (cm ³)	2.79
L	mm	6500

Spojni profil za T120 Connection profile for T120		
Art.Br. Art.Nr.	FT-1801F	
Težina Weight	kg/m'	1.715
Opseg Perimeter	mm	379
Moment inercije Moments of inertia	I _x (cm ⁴)	115.72
	I _y (cm ⁴)	7.35
	W _x (cm ³)	15.54
	W _y (cm ³)	3.29
L	mm	6500

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

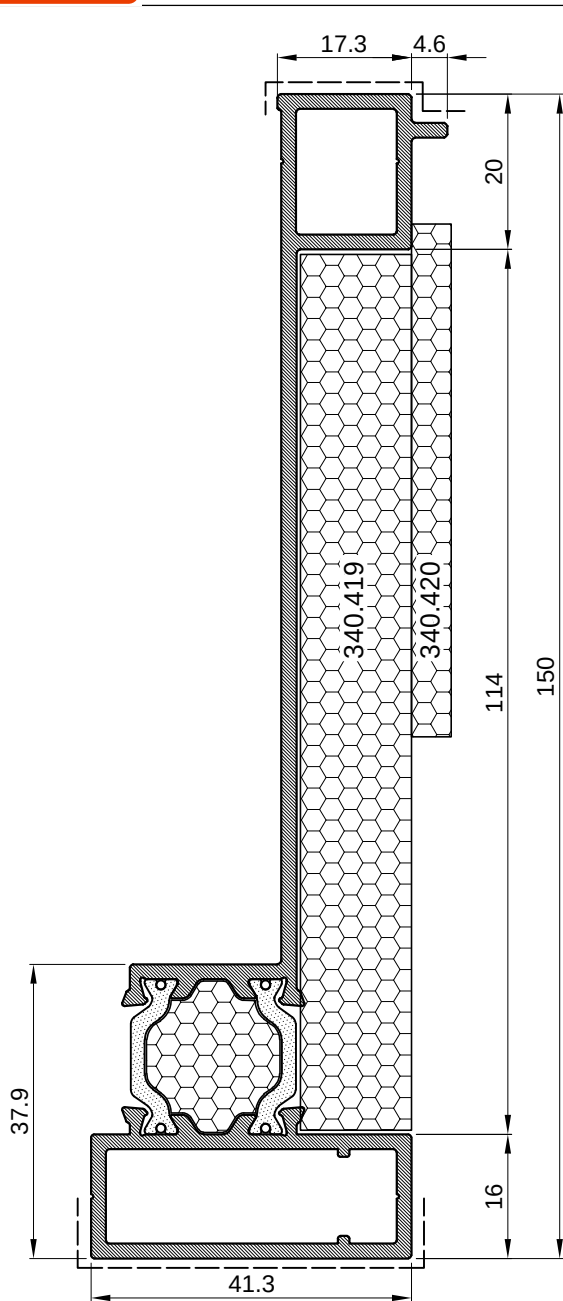

 Spojni profil za T120
Connection profile for T120

Art.Br. Art.Nr.	FT-1802F	
Težina Weight	kg/m'	1.676
Opseg Perimeter	mm	376
Moment inercije Moments of inertia	I _x (cm ⁴)	112.82
	I _y (cm ⁴)	7.23
	W _x (cm ³)	15.38
	W _y (cm ³)	3
L	mm	6500

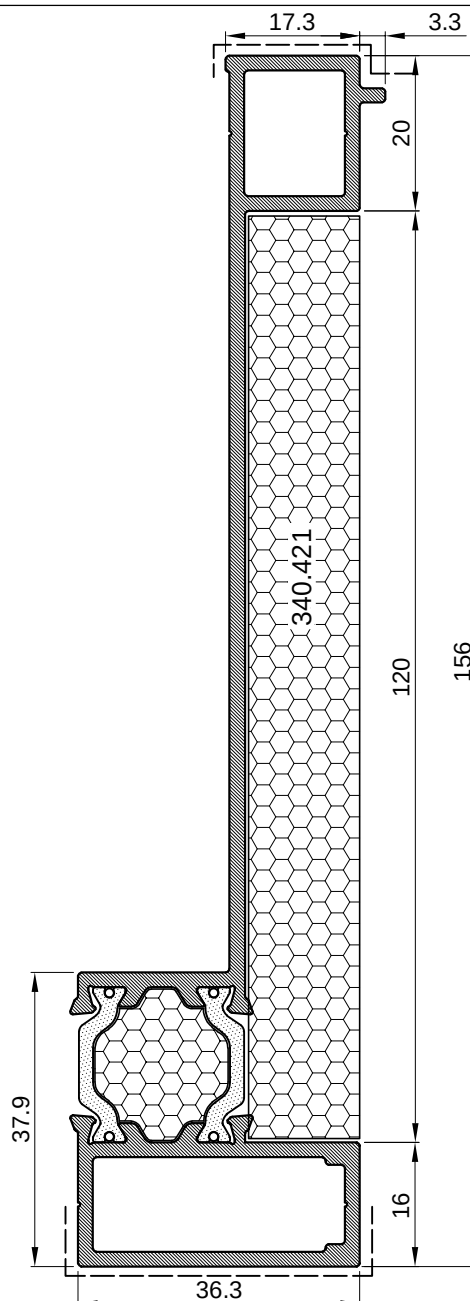

 Spojni profil za T150
Connection profile for T150

Art.Br. Art.Nr.	FT-0194F	
Težina Weight	kg/m'	1.76
Opseg Perimeter	mm	427.85
Moment inercije Moments of inertia	I _x (cm ⁴)	139.93
	I _y (cm ⁴)	5.89
	W _x (cm ³)	19.97
	W _y (cm ³)	2.78
L	mm	6500

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

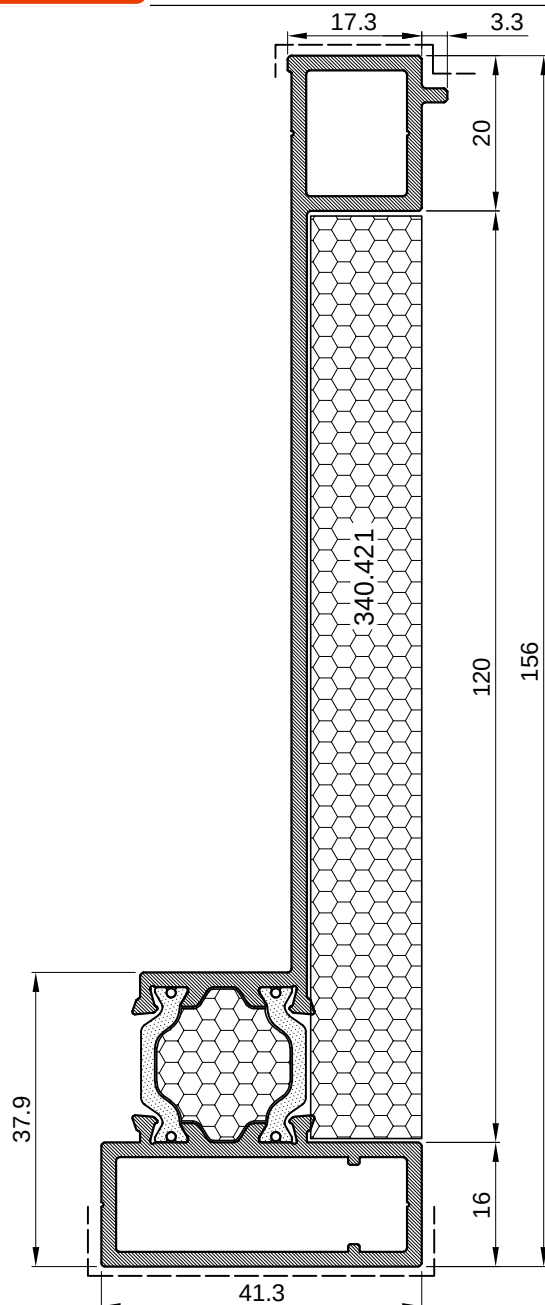

 Spojni profil za T150
Connection profile for T150

Art.Br. Art.Nr.	FT-0195F	
Težina Weight	kg/m'	1.803
Opseg Perimeter	mm	436.48
Moment inercije Moments of inertia	I _x (cm ⁴)	143.7
	I _y (cm ⁴)	7.25
	W _x (cm ³)	20.23
	W _y (cm ³)	2.99
L	mm	6500


 Spojni profil za Inowa
Connection profile for Inowa

Art.Br. Art.Nr.	FT-0196F	
Težina Weight	kg/m'	1.79
Opseg Perimeter	mm	437.26
Moment inercije Moments of inertia	I _x (cm ⁴)	153.59
	I _y (cm ⁴)	5.79
	W _x (cm ³)	20.92
	W _y (cm ³)	2.74
L	mm	6500

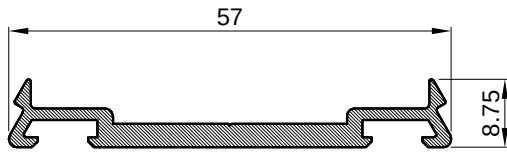
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PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"



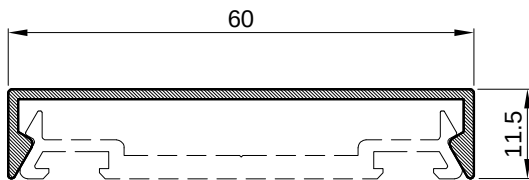
Spojni profil za Inowa
Connection profile for Inowa

Art.Br. Art.Nr.	FT-0197F	
Težina Weight	kg/m'	1.831
Opseg Perimeter	mm	446.67
Moment inercije Moments of inertia	I _x (cm ⁴)	157.65
	I _y (cm ⁴)	7.13
	W _x (cm ³)	21.19
	W _y (cm ³)	2.95
L	mm	6500

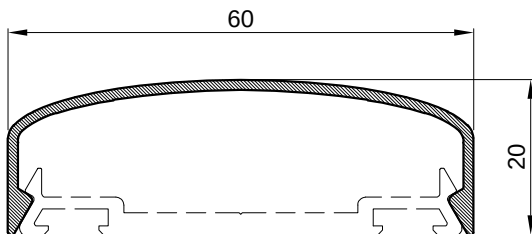
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PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"



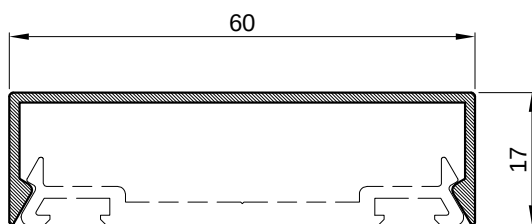
Držac poklopne lajsne Pressure plate		
Art.Br. Art.Nr.	FM 57/8	
Težina Weight	kg/m'	0.456
Opseg Perimeter	mm	162.00
L	mm	6500



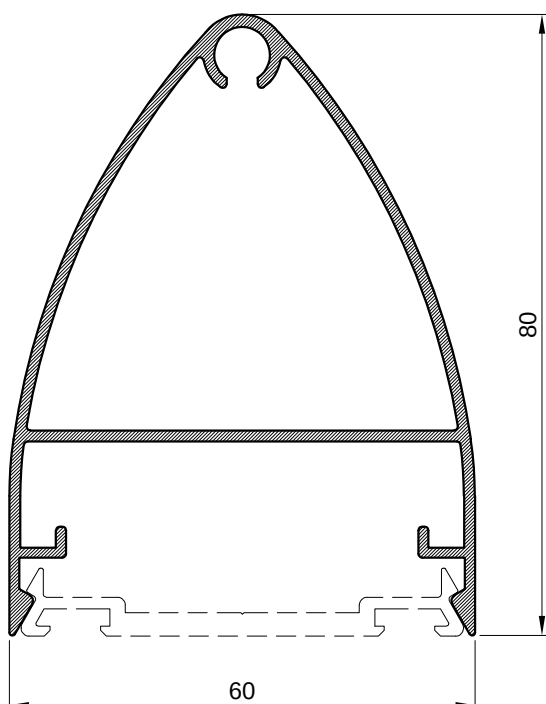
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 60/11	
Težina Weight	kg/m'	0.308
Opseg Perimeter	mm	165.68
L	mm	6500



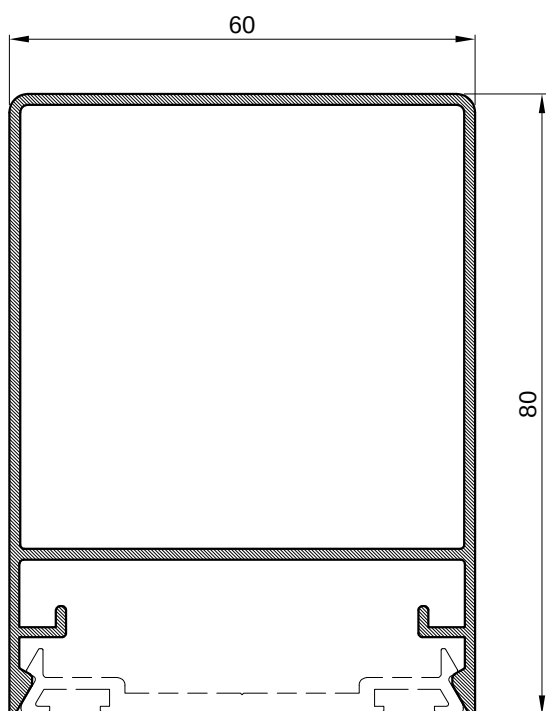
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 60/20	
Težina Weight	kg/m'	0.337
Opseg Perimeter	mm	178.93
L	mm	6500



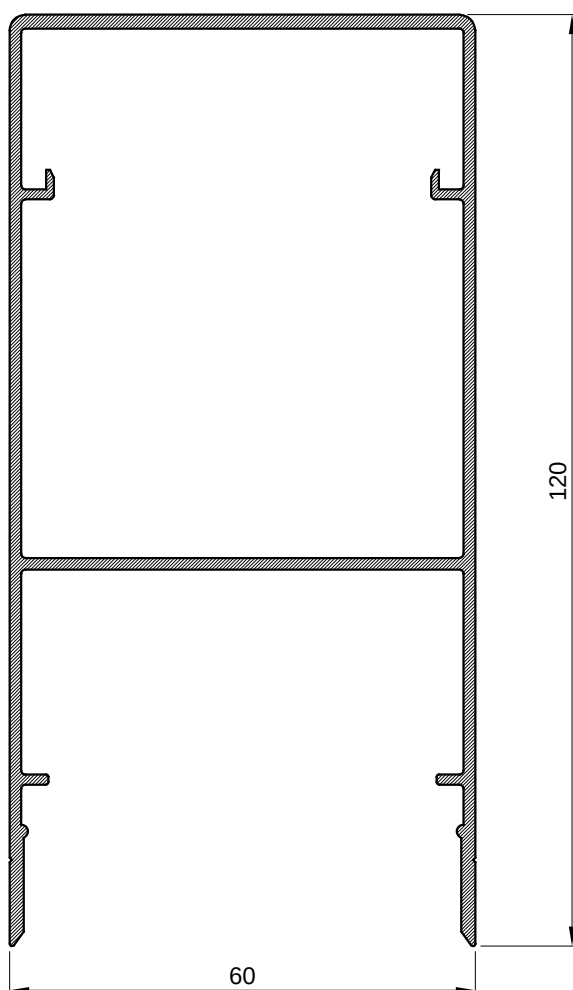
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 60/17	
Težina Weight	kg/m'	0.341
Opseg Perimeter	mm	186.00
L	mm	6500



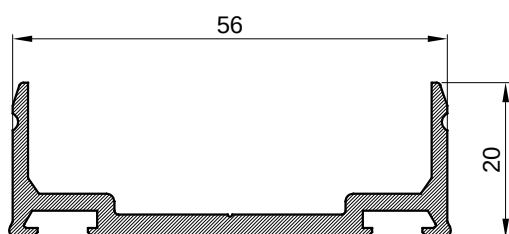
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 60/80	
Težina Weight	kg/m'	1.012
Opseg Perimeter	mm	322.00
L	mm	6500



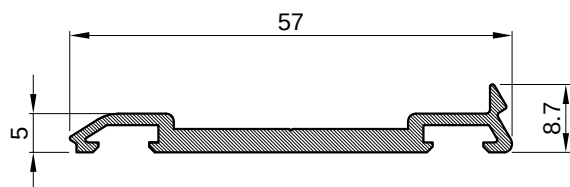
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 60/81	
Težina Weight	kg/m'	1.108
Opseg Perimeter	mm	353.00
L	mm	6500



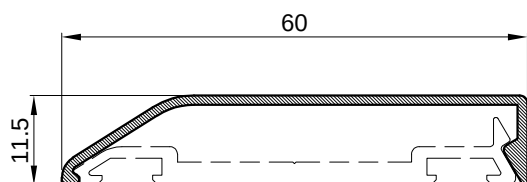
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FMO 60/120	
Težina Weight	kg/m'	1.565
Opseg Perimeter	mm	468.00
L	mm	6500



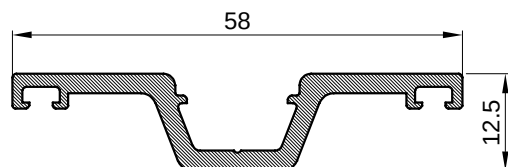
Držlač poklopna lajsna Pressure plate		
Art.Br. Art.Nr.	FM 60/20-D	
Težina Weight	kg/m'	0.638
Opseg Perimeter	mm	205.00
L	mm	6500



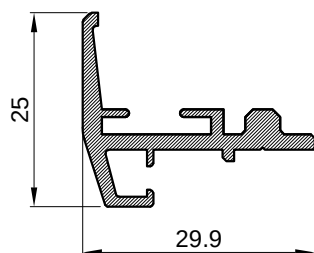
Držáč poklopne lajsne Pressure plate		
Art.Br. Art.Nr.	FM 071	
Težina Weight	kg/m'	0.433
Opseg Perimeter	mm	152.00
L	mm	6500



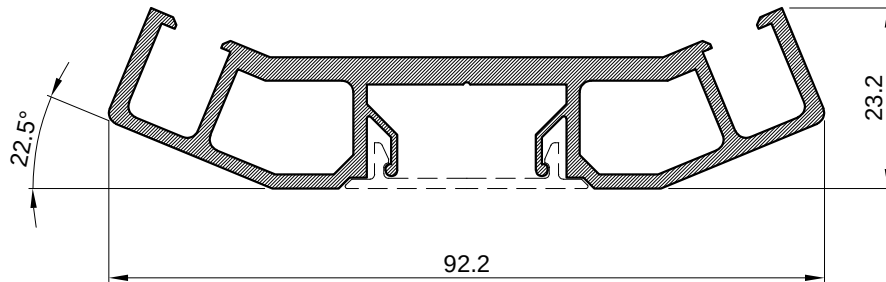
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 072	
Težina Weight	kg/m'	0.258
Opseg Perimeter	mm	152.52
L	mm	6500



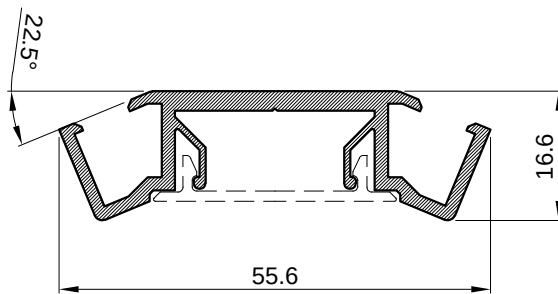
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 58/12	
Težina Weight	kg/m'	0.52
Opseg Perimeter	mm	175.91
L	mm	6500



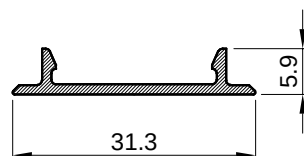
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FM 30/20	
Težina Weight	kg/m'	0.387
Opseg Perimeter	mm	151.00
L	mm	6500



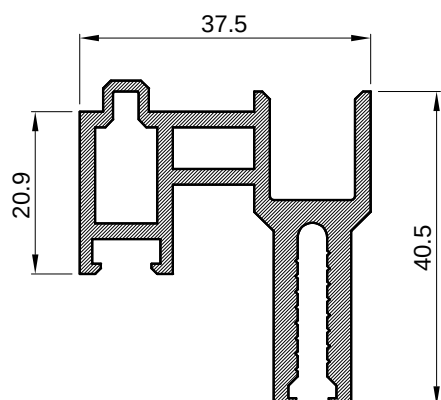
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FMO 135	
Težina Weight	kg/m'	1.30
Opseg Perimeter	mm	339.00
L	mm	6500



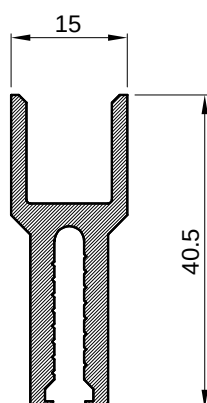
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	FMO 60/L135	
Težina Weight	kg/m'	0.570
Opseg Perimeter	mm	250.10
L	mm	6500



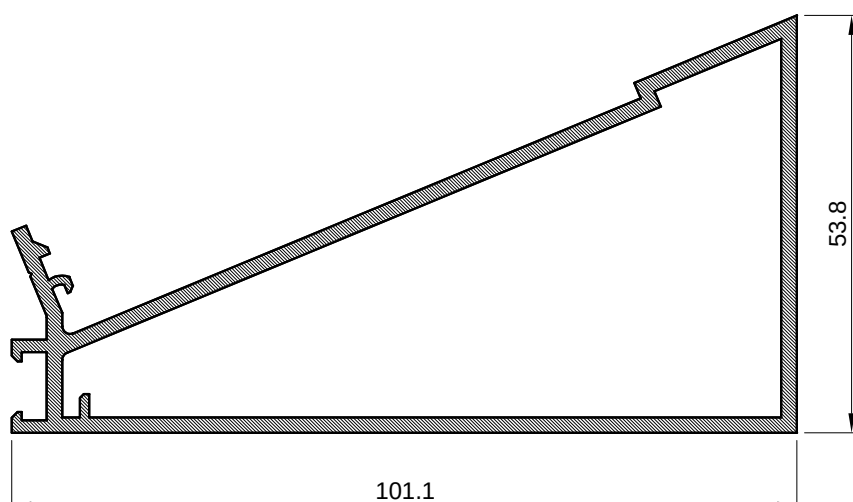
Maska za poklopnu lajsnu Cover cap mask profile		
Art.Br. Art.Nr.	FMO 135/P	
Težina Weight	kg/m'	0.140
Opseg Perimeter	mm	83.00
L	mm	6500



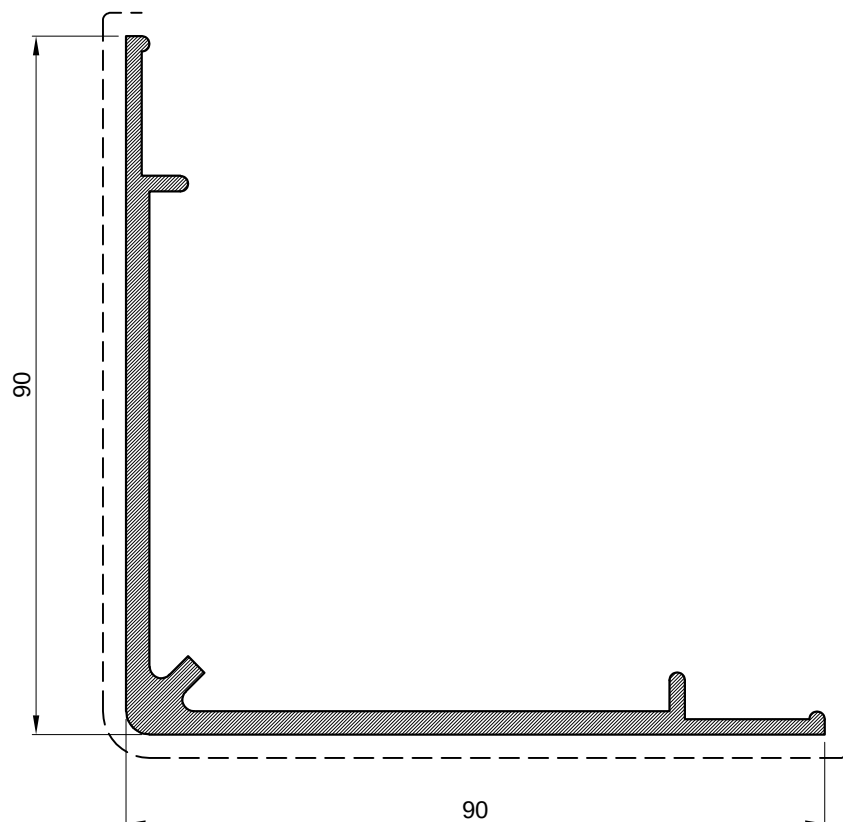
Umetak za blindo fasadu Bulletproof facade insert		
Art.Br. Art.Nr.	FB60-001	
Težina Weight	kg/m'	1.086
Opseg Perimeter	mm	275.00
L	mm	6500



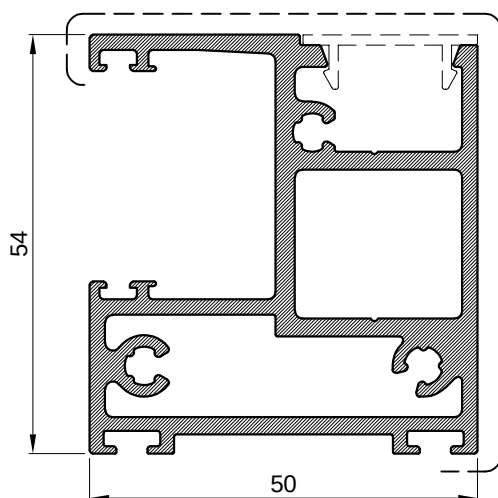
Umetak za blindo fasadu Bulletproof facade insert		
Art.Br. Art.Nr.	FB60-002	
Težina Weight	kg/m'	0.645
Opseg Perimeter	mm	187.00
L	mm	6500



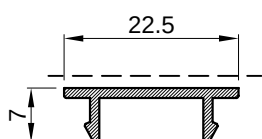
Umetak okomice za fasadu pod kutem Mullion insert for curved facade		
Art.Br. Art.Nr.	FMO 60/O135	
Težina Weight	kg/m'	1.566
Opseg Perimeter	mm	330.069
L	mm	6500



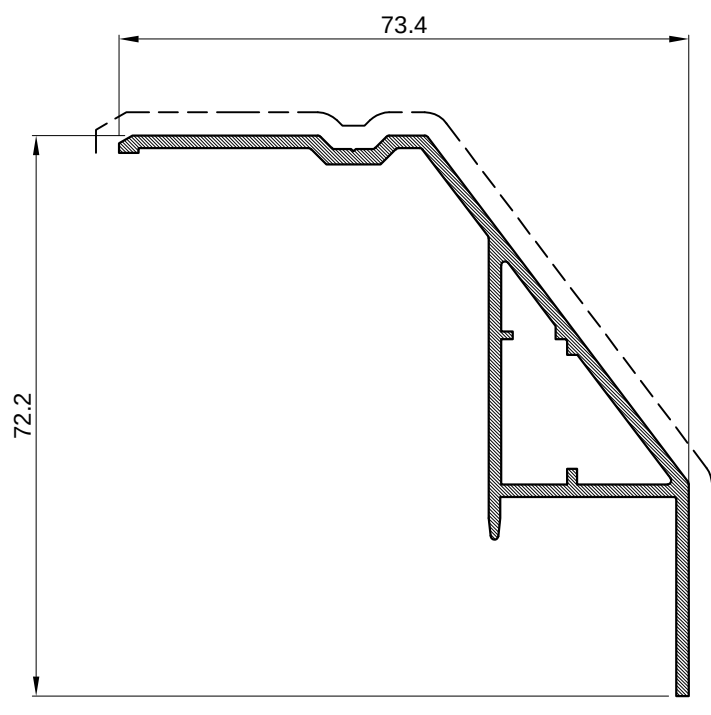
Profil kutne maske Corner mask profile		
Art.Br. Art.Nr.	061211/A	
Težina Weight	kg/m'	1.450
Opseg Perimeter	mm	384.71
L	mm	6500



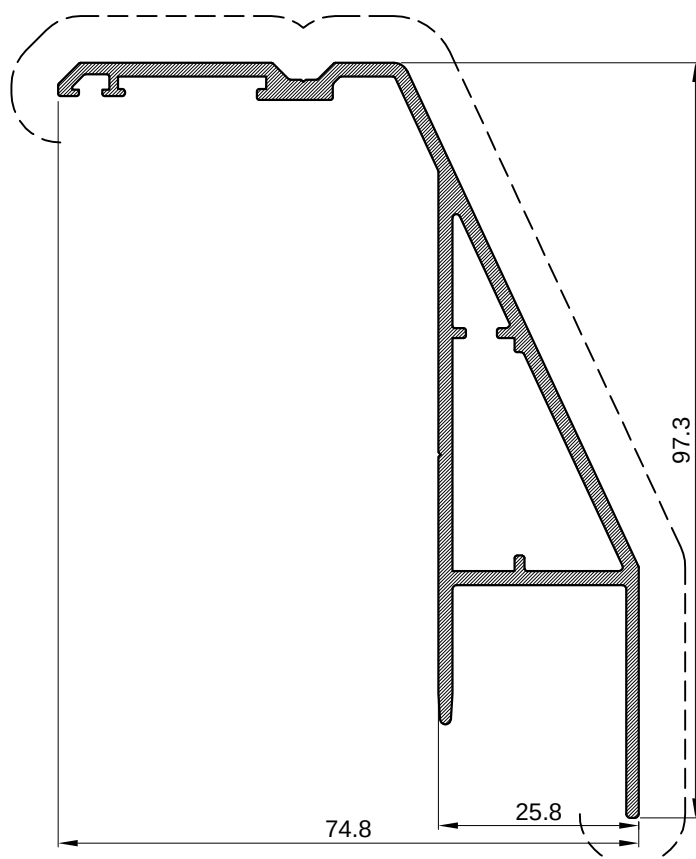
Profil francuskog balkona French balcony profile		
Art.Br. Art.Nr.	F-1569	
Težina Weight	kg/m'	1.78
Opseg Perimeter	mm	357.20
L	mm	6500



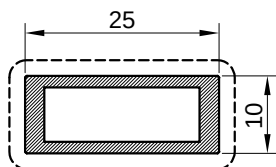
Pokrivni profil Cover profile		
Art.Br. Art.Nr.	F-0826	
Težina Weight	kg/m'	0.117
Opseg Perimeter	mm	70.29
L	mm	6500



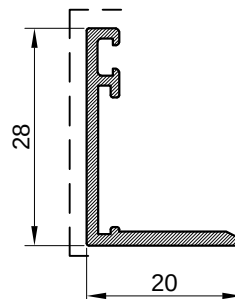
Lajsna krovnog prozora Roof window glazing bead		
Art.Br. Art.Nr.	F-0796	
Težina Weight	kg/m'	0.808
Opseg Perimeter	mm	277.00
L	mm	6500



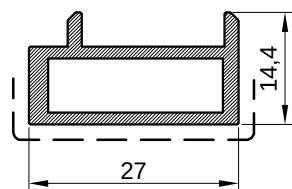
Lajsna krovnog prozora Roof window glazing bead		
Art.Br. Art.Nr.	F-1572	
Težina Weight	kg/m'	1.22
Opseg Perimeter	mm	372.40
L	mm	6500



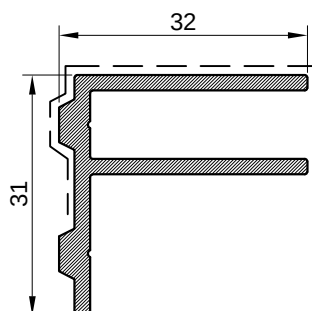
Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	F-1563	
Težina Weight	kg/m'	0.297
Opseg Perimeter	mm	69.66
L	mm	6500



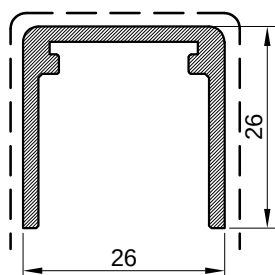
Unutarnja maska Interior mask profile		
Art.Br. Art.Nr.	F-1558	
Težina Weight	kg/m'	0.227
Opseg Perimeter	mm	113.00
L	mm	6500



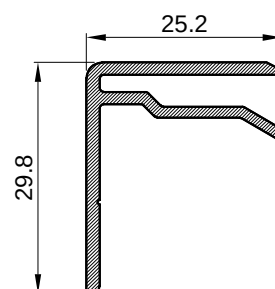
Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	F-1565	
Težina Weight	kg/m'	0.343
Opseg Perimeter	mm	89.96
L	mm	6500



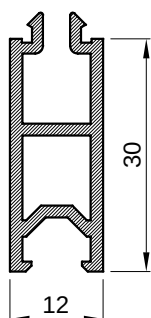
Umetak za ugradnju u fasadu 50 FS Installation insert in facade 50 FS		
Art.Br. Art.Nr.	F-1559	
Težina Weight	kg/m'	0.528
Opseg Perimeter	mm	182.16
L	mm	6500



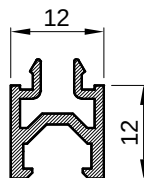
Profil rukohvata fr. balkona Handrail for french balcony		
Art.Br. Art.Nr.	F-1437	
Težina Weight	kg/m'	0.444
Opseg Perimeter	mm	153.63
L	mm	6500



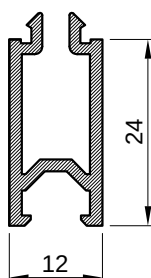
Profil za prihvata Holder profile		
Art.Br. Art.Nr.	F-0895	
Težina Weight	kg/m'	0.330
Opseg Perimeter	mm	157.55
L	mm	6500



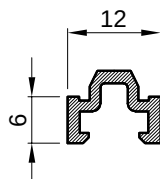
Al. umetak 30 mm Al. insert 30 mm		
Art.Br. Art.Nr.	FM 30/12	
Težina Weight	kg/m'	0.393
Opseg Perimeter	mm	145.60
L	mm	6500



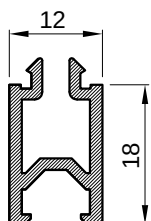
Al. umetak 30 mm Al. insert 30 mm		
Art.Br. Art.Nr.	FM 12/12	
Težina Weight	kg/m'	0.180
Opseg Perimeter	mm	100.16
L	mm	6500



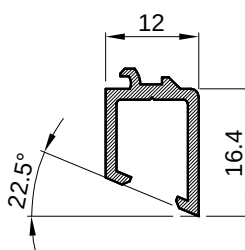
Al. umetak 24 mm Al. insert 24 mm		
Art.Br. Art.Nr.	FM 24/12	
Težina Weight	kg/m'	0.310
Opseg Perimeter	mm	148.3
L	mm	6500



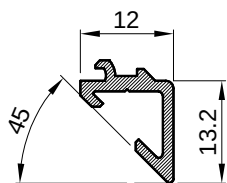
Al. umetak 6 mm Al. insert 6 mm		
Art.Br. Art.Nr.	FM 6/12	
Težina Weight	kg/m'	0.116
Opseg Perimeter	mm	61.00
L	mm	6500



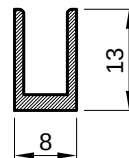
Al. umetak 18 mm Al. insert 18 mm		
Art.Br. Art.Nr.	FM 18/12	
Težina Weight	kg/m'	0.254
Opseg Perimeter	mm	124.00
L	mm	6500



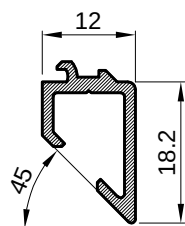
Al. kutni umetak 16.4 mm Al. angle insert 16,4 mm		
Art.Br. Art.Nr.	F 0857	
Težina Weight	kg/m'	0.170
Opseg Perimeter	mm	90.00
L	mm	6500



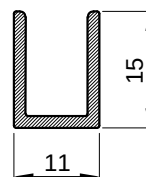
Al. kutni umetak 13.2 mm Al. angle insert 13,2 mm		
Art.Br. Art.Nr.	F-0856	
Težina Weight	kg/m'	0.137
Opseg Perimeter	mm	69.48
L	mm	6500



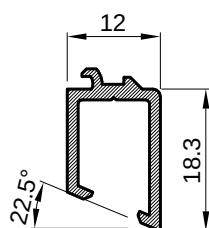
Al profil 13x8 Al profile 13x8		
Art.Br. Art.Nr.	F-0779	
Težina Weight	kg/m'	0.115
Opseg Perimeter	mm	63.60
L	mm	6500



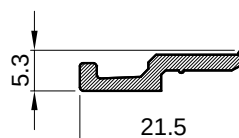
Al. kutni umetak 18.2 mm Al. angle insert 18,2 mm		
Art.Br. Art.Nr.	F-0856/50	
Težina Weight	kg/m'	0.18
Opseg Perimeter	mm	90.00
L	mm	6500



U profil 15x8 U profile 15x8		
Art.Br. Art.Nr.	F-0137/A	
Težina Weight	kg/m'	0.15
Opseg Perimeter	mm	77.580
L	mm	6500

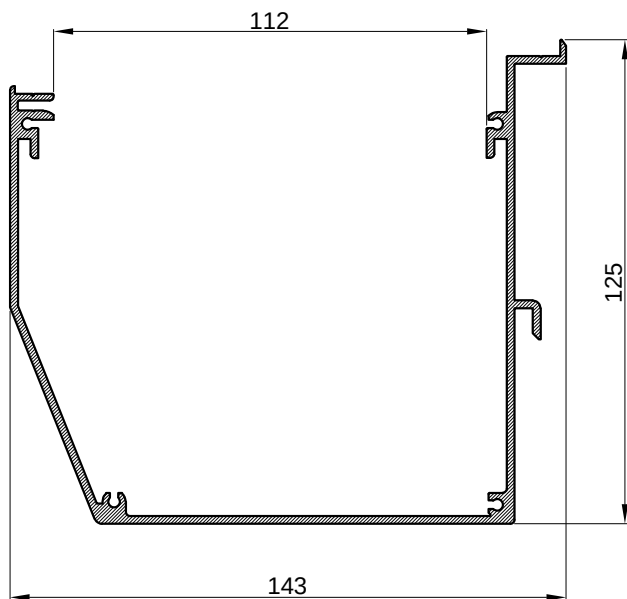


Al. kutni umetak 18.3 mm Al. angle insert 18,3 mm		
Art.Br. Art.Nr.	F-0857/50	
Težina Weight	kg/m'	0.19
Opseg Perimeter	mm	98.00
L	mm	6500

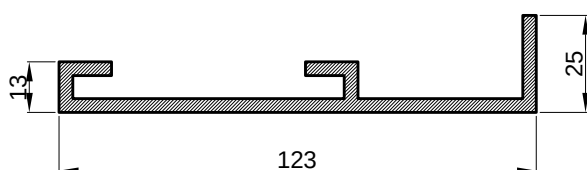


Staklolajsna Glazing bead		
Art.Br. Art.Nr.	F-0807	
Težina Weight	kg/m'	0.132
Opseg Perimeter	mm	54.34
L	mm	6500

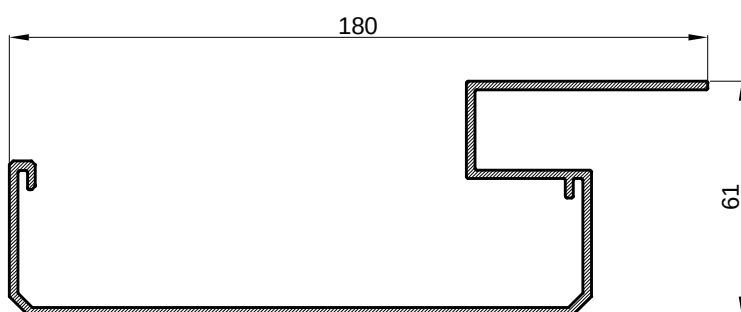




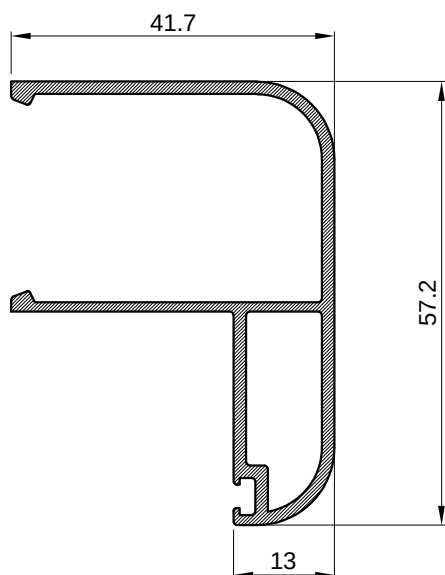
Profil oluka Gutter profile		
Art.Br. Art.Nr.	F-0819	
Težina Weight	kg/m'	2.380
Opseg Perimeter	mm	847.028
L	mm	6500



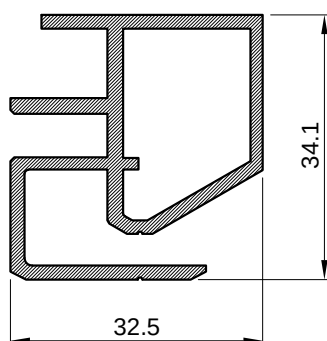
Nosač oluka Gutter support		
Art.Br. Art.Nr.	F-0270/A	
Težina Weight	kg/m'	2.050
Opseg Perimeter	mm	437.00
L	mm	6500



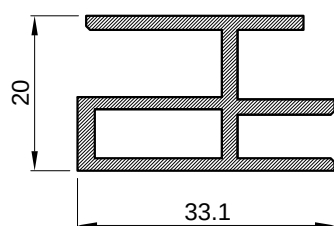
Profil oluka Gutter profile		
Art.Br. Art.Nr.	F-1159	
Težina Weight	kg/m'	2.050
Opseg Perimeter	mm	691.03
L	mm	6500



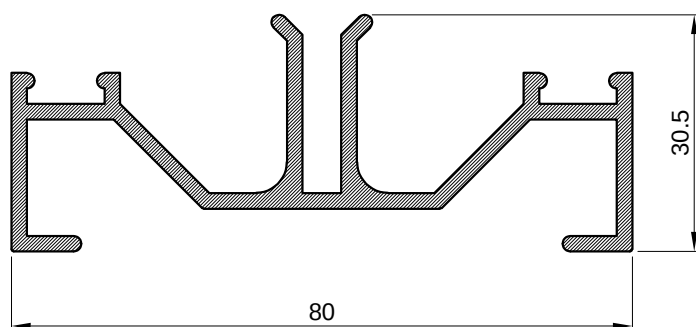
Profil za spoj knaufa Profile for drywall connection		
Art.Br. Art.Nr.	F-0748	
Težina Weight	kg/m'	0.707
Opseg Perimeter	mm	276.60
L	mm	6500



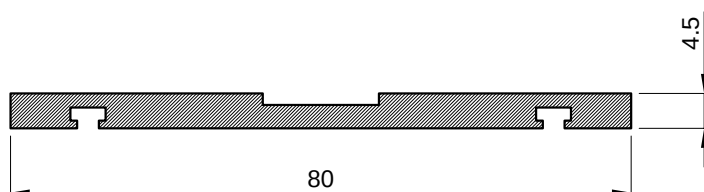
Profil za prihvata panela Panel holder		
Art.Br. Art.Nr.	F-0854	
Težina Weight	kg/m'	0.750
Opseg Perimeter	mm	229.32
L	mm	6500



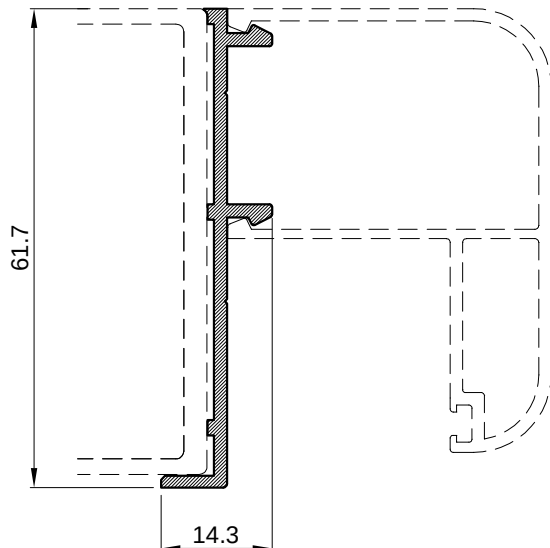
Parapetni profil Spandrel profile		
Art.Br. Art.Nr.	F-0855	
Težina Weight	kg/m'	0.550
Opseg Perimeter	mm	182.22
L	mm	6500



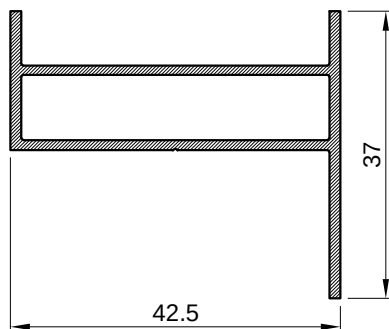
Profil za atiku Attic profile		
Art.Br. Art.Nr.	061045	
Težina Weight	kg/m'	1.025
Opseg Perimeter	mm	403.80
L	mm	6500



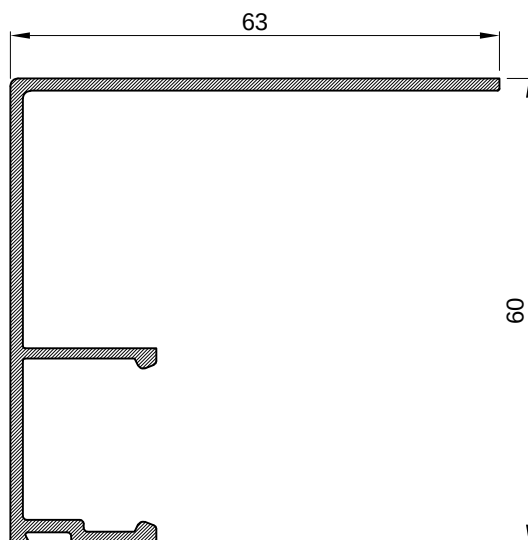
Profil za atiku Attic profile		
Art.Br. Art.Nr.	060807	
Težina Weight	kg/m'	0.85
Opseg Perimeter	mm	186.00
L	mm	6500



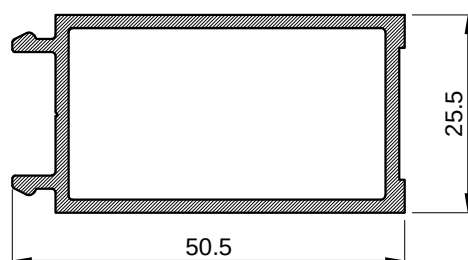
Držac profila Pressure plate		
Art.Br. Art.Nr.	F-0746	
Težina Weight	kg/m'	0.385
Opseg Perimeter	mm	170.00
L	mm	6500



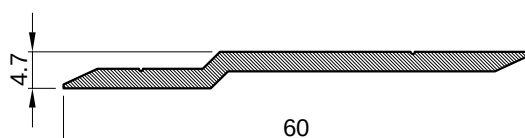
Parapetni profil Spandrel profile		
Art.Br. Art.Nr.	F-1127	
Težina Weight	kg/m'	0.476
Opseg Perimeter	mm	172.79
L	mm	6500



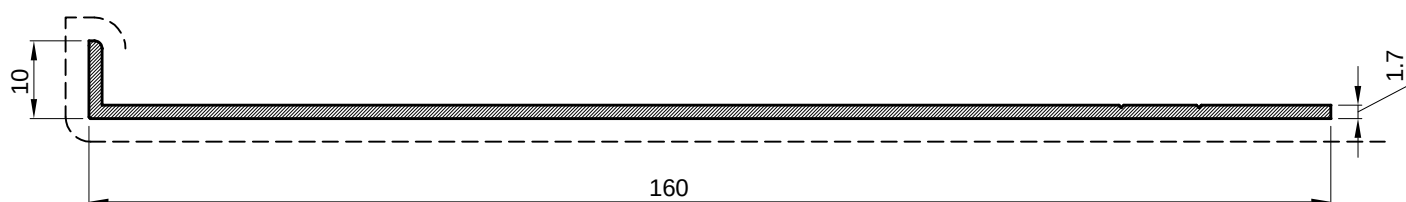
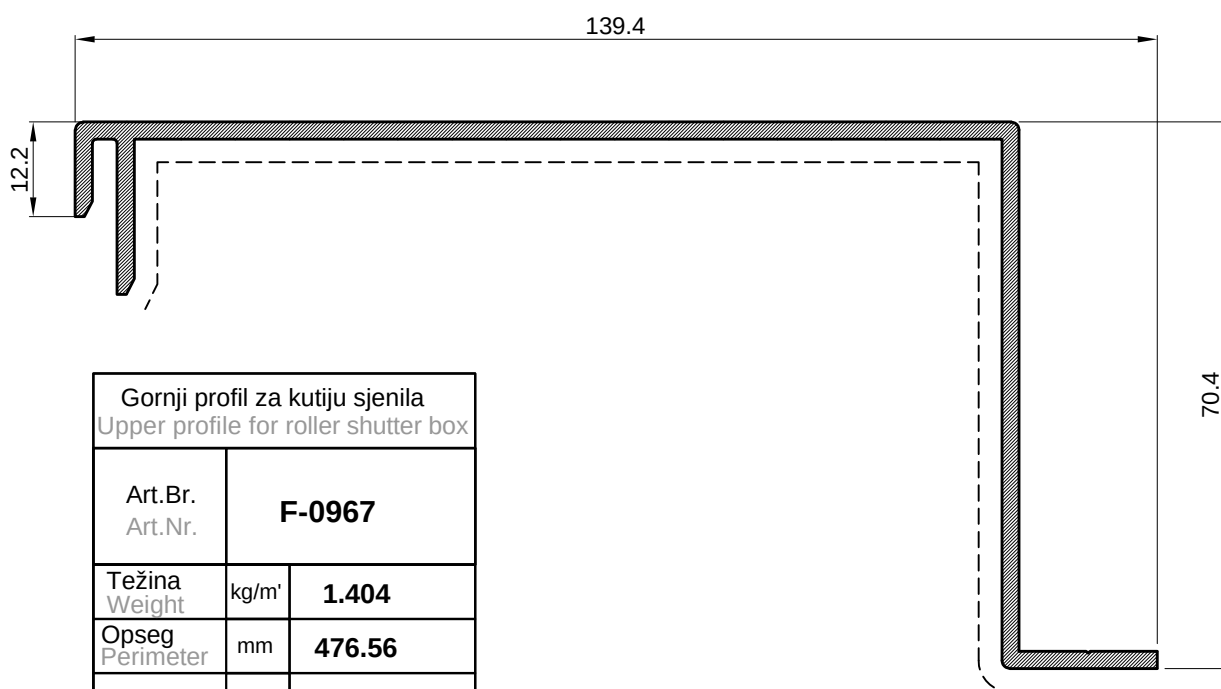
Poklopna lajsna motra za otvaranje Opening motor cover cap		
Art.Br. Art.Nr.	F-1128	
Težina Weight	kg/m'	0.680
Opseg Perimeter	mm	318.66
L	mm	6500



Držlač motora za otvaranje Opening motor support		
Art.Br. Art.Nr.	F-1129	
Težina Weight	kg/m'	0.690
Opseg Perimeter	mm	164.62
L	mm	6500



Držlač lima Sheet holder		
Art.Br. Art.Nr.	F-1160	
Težina Weight	kg/m'	0.39
Opseg Perimeter	mm	124.37
L	mm	6500

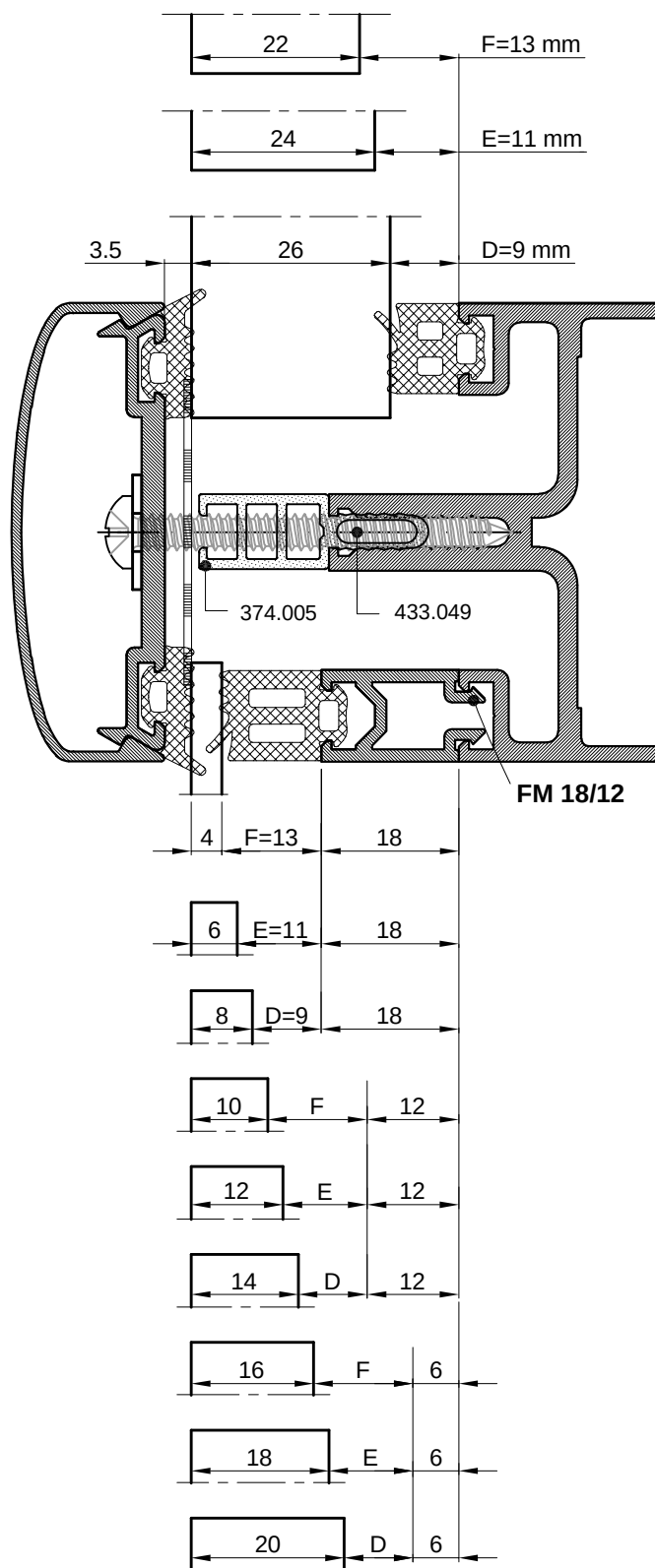




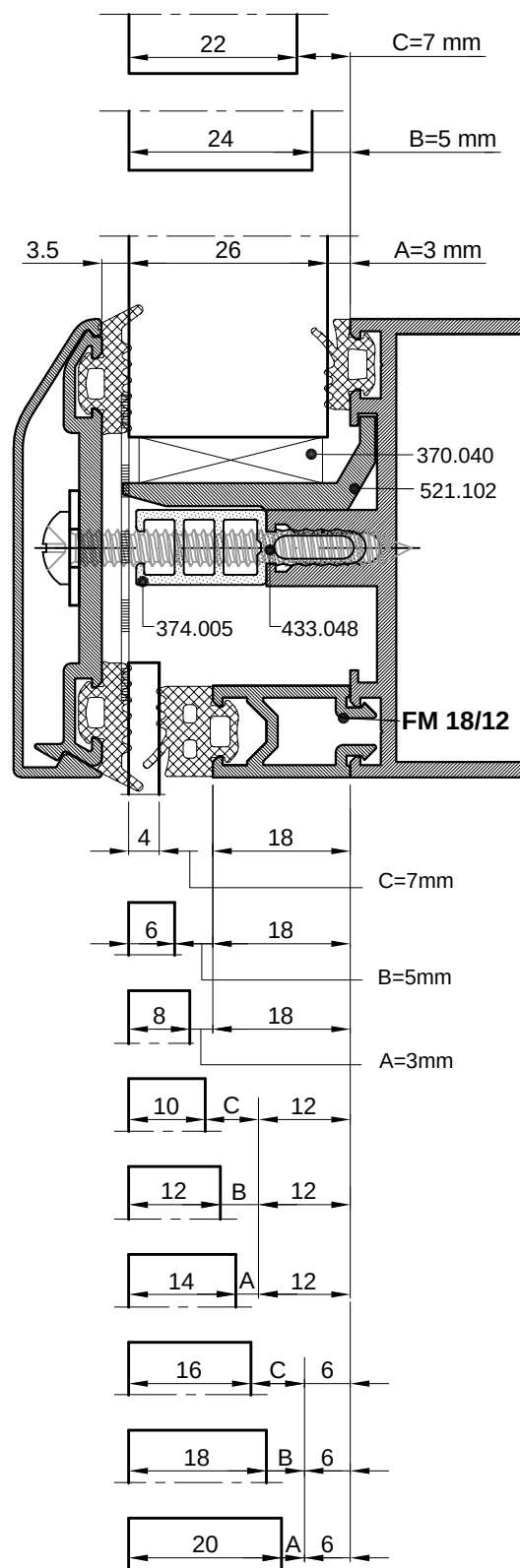
Prikaz stakljenja Glazing



Okomica
Mullion

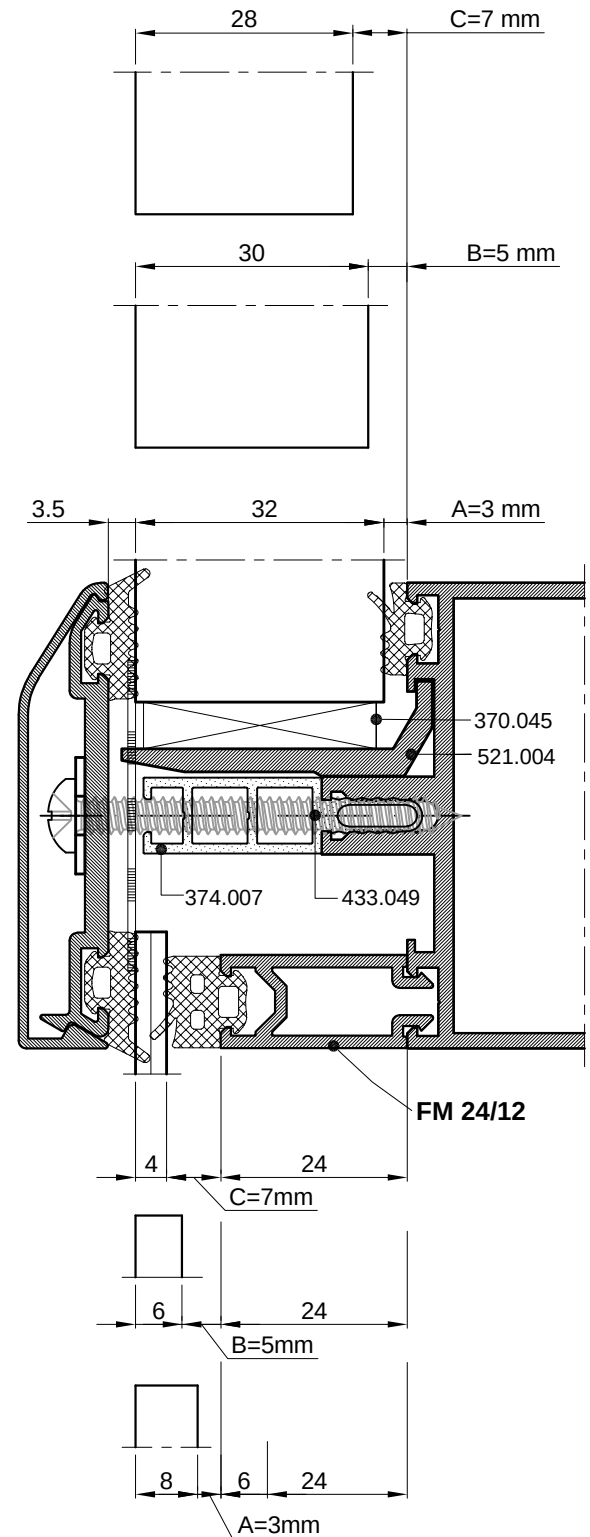
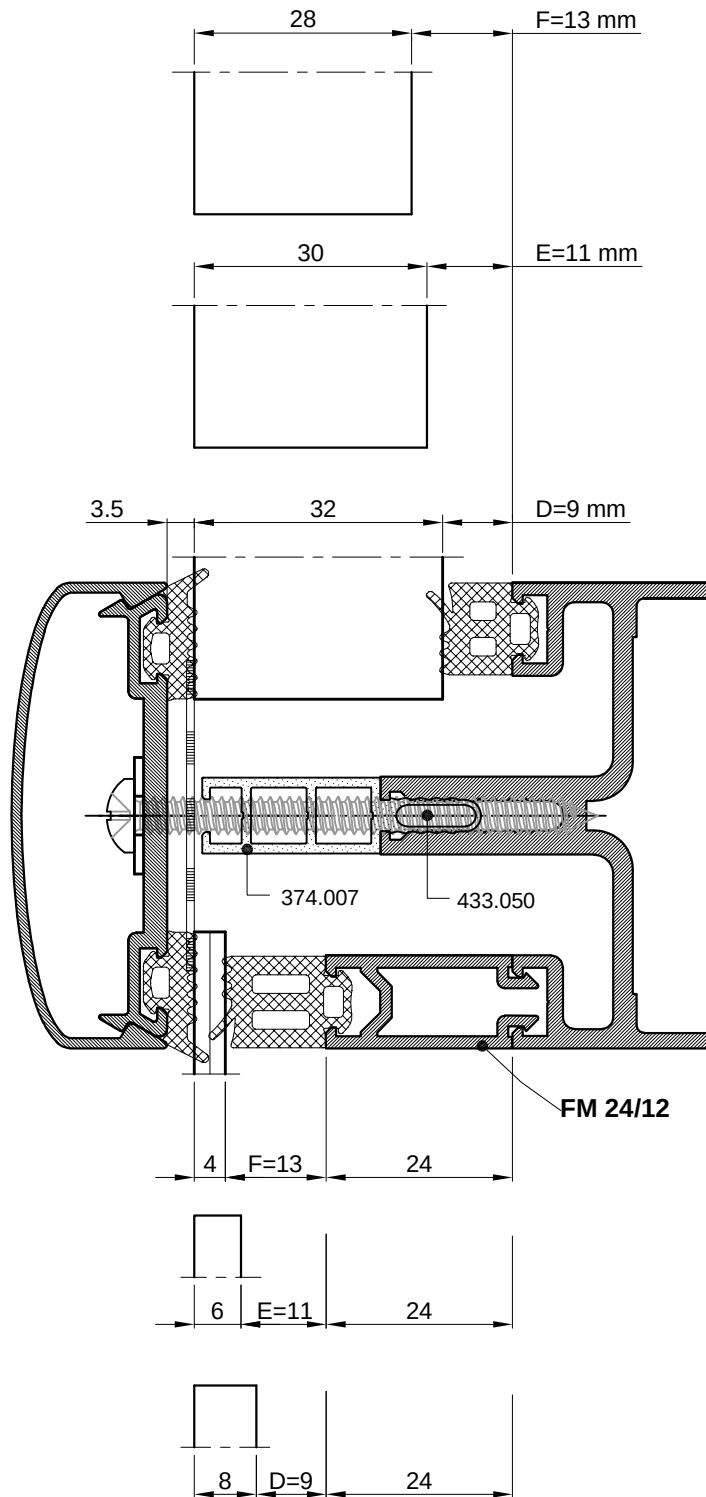


Vodoravnica
Transom

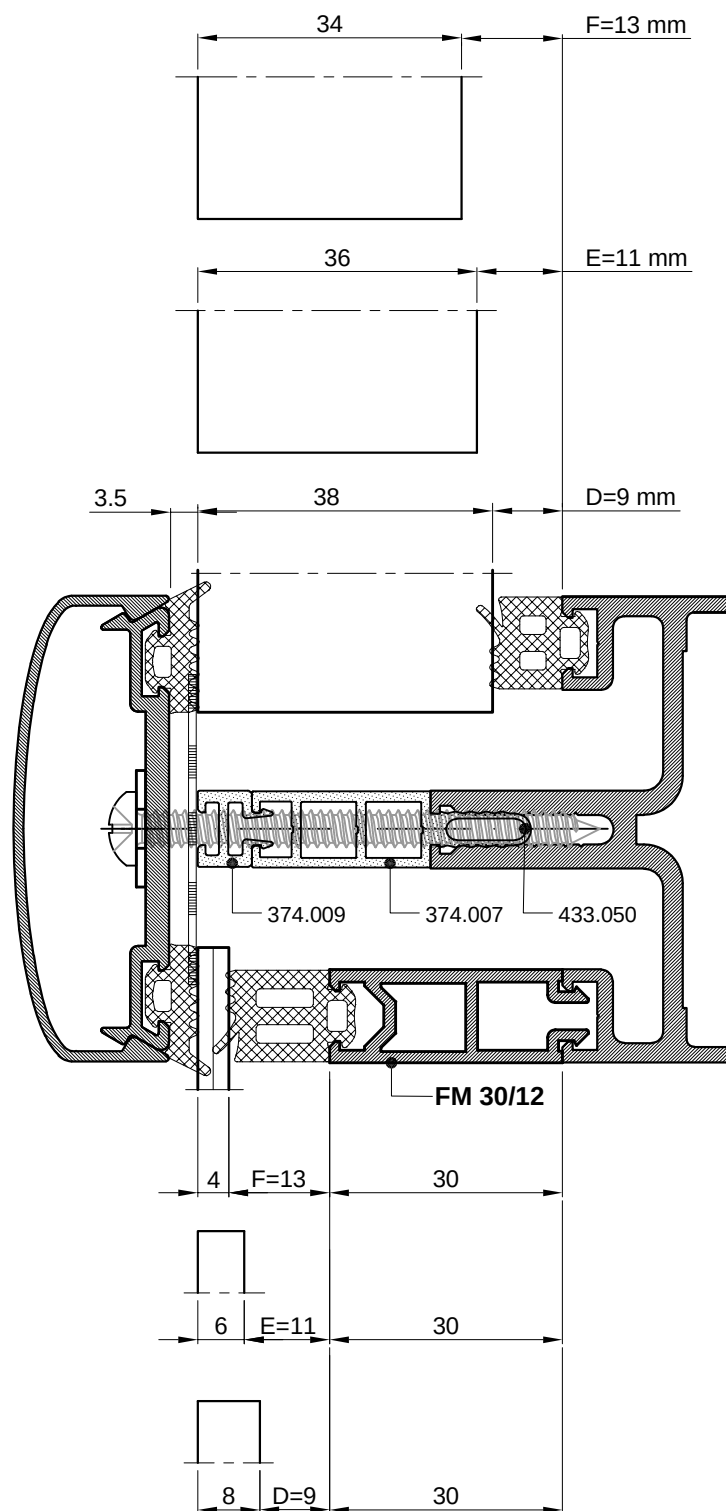


Okomica
Mullion

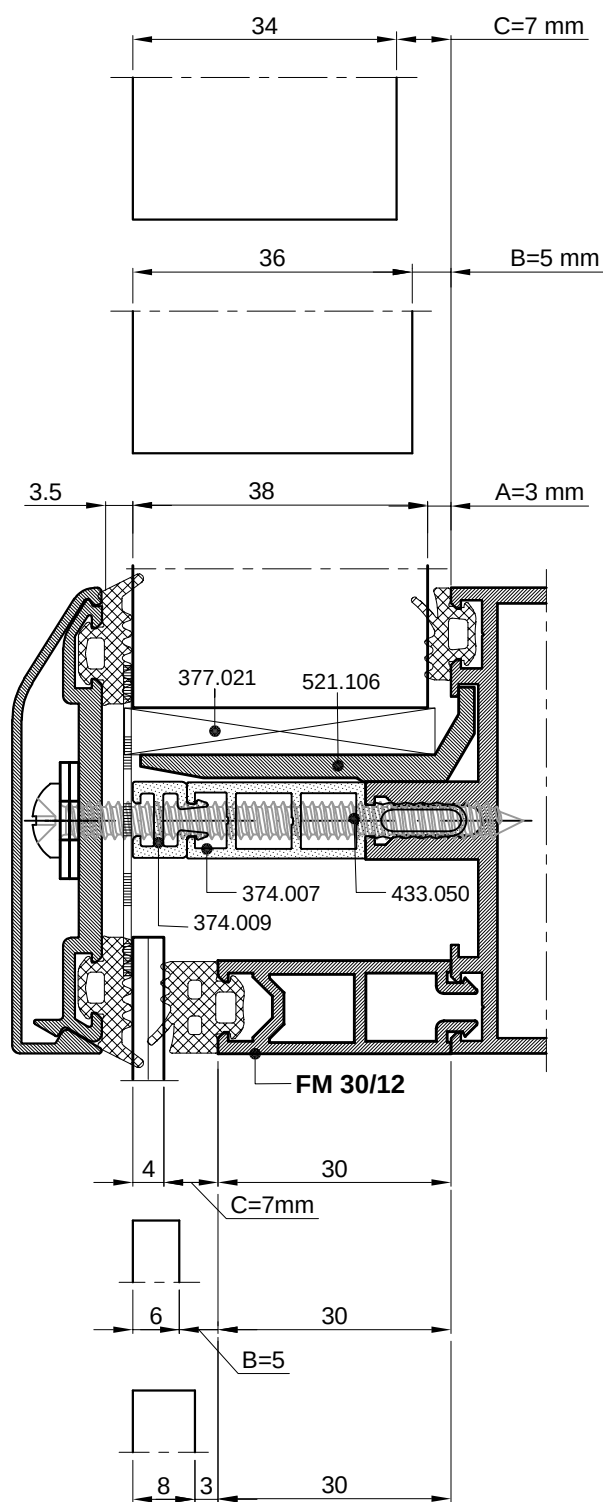
Vodoravnica
Transom



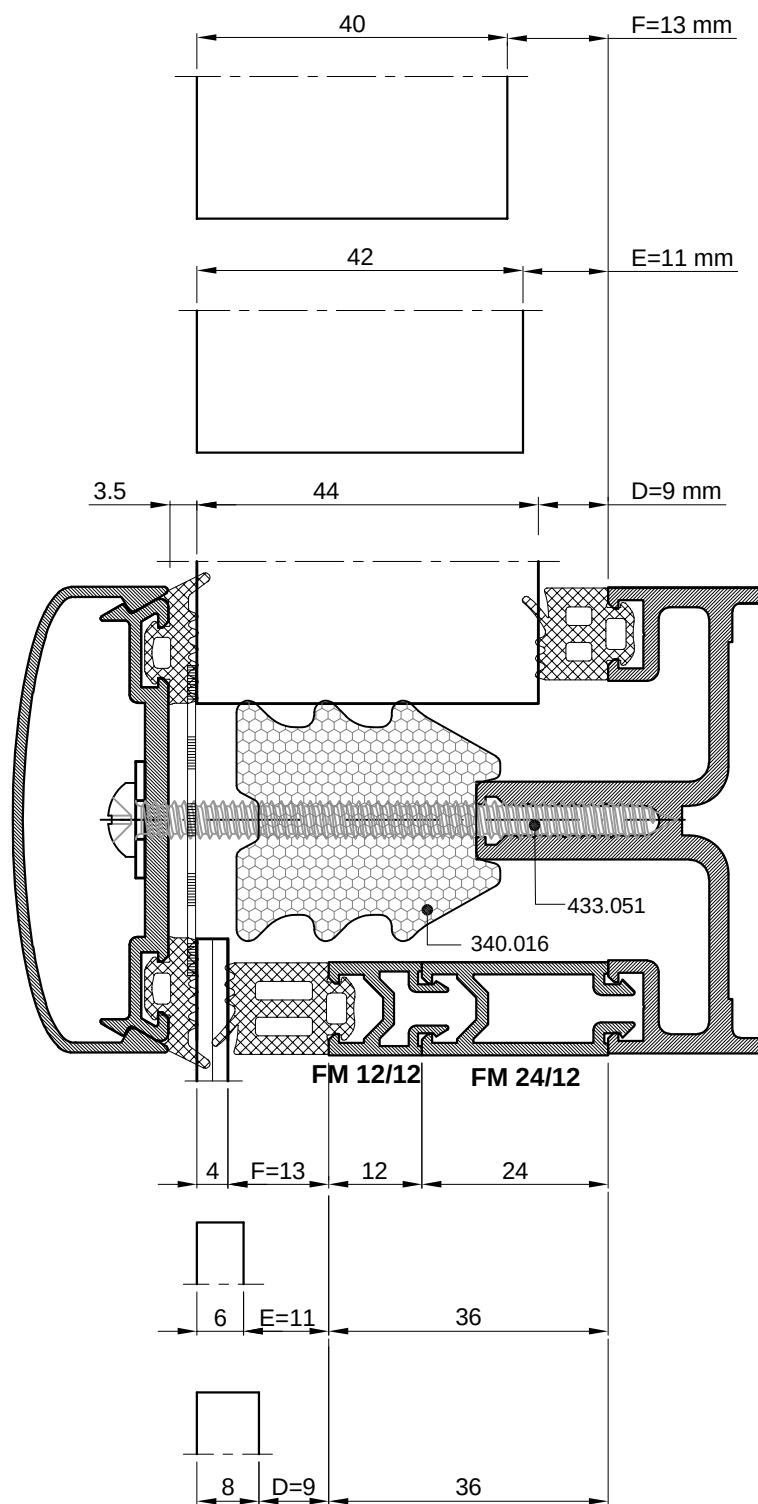
Okomica
Mullion



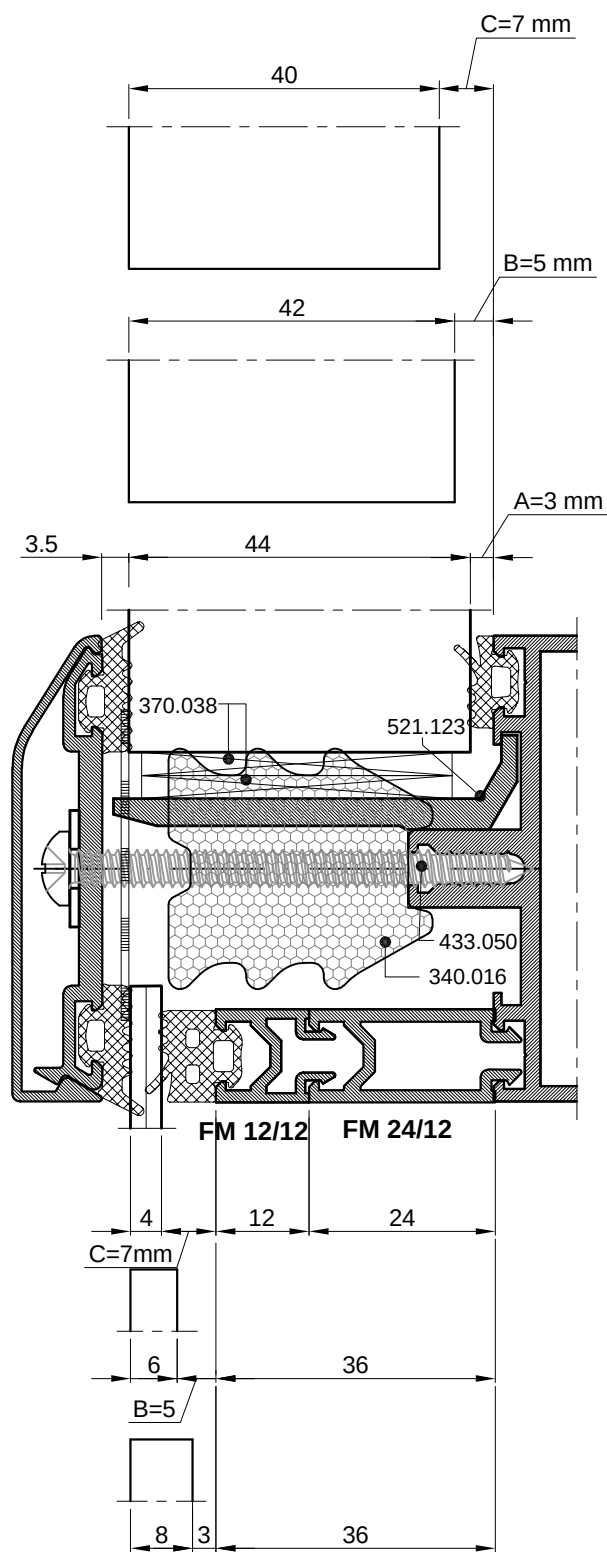
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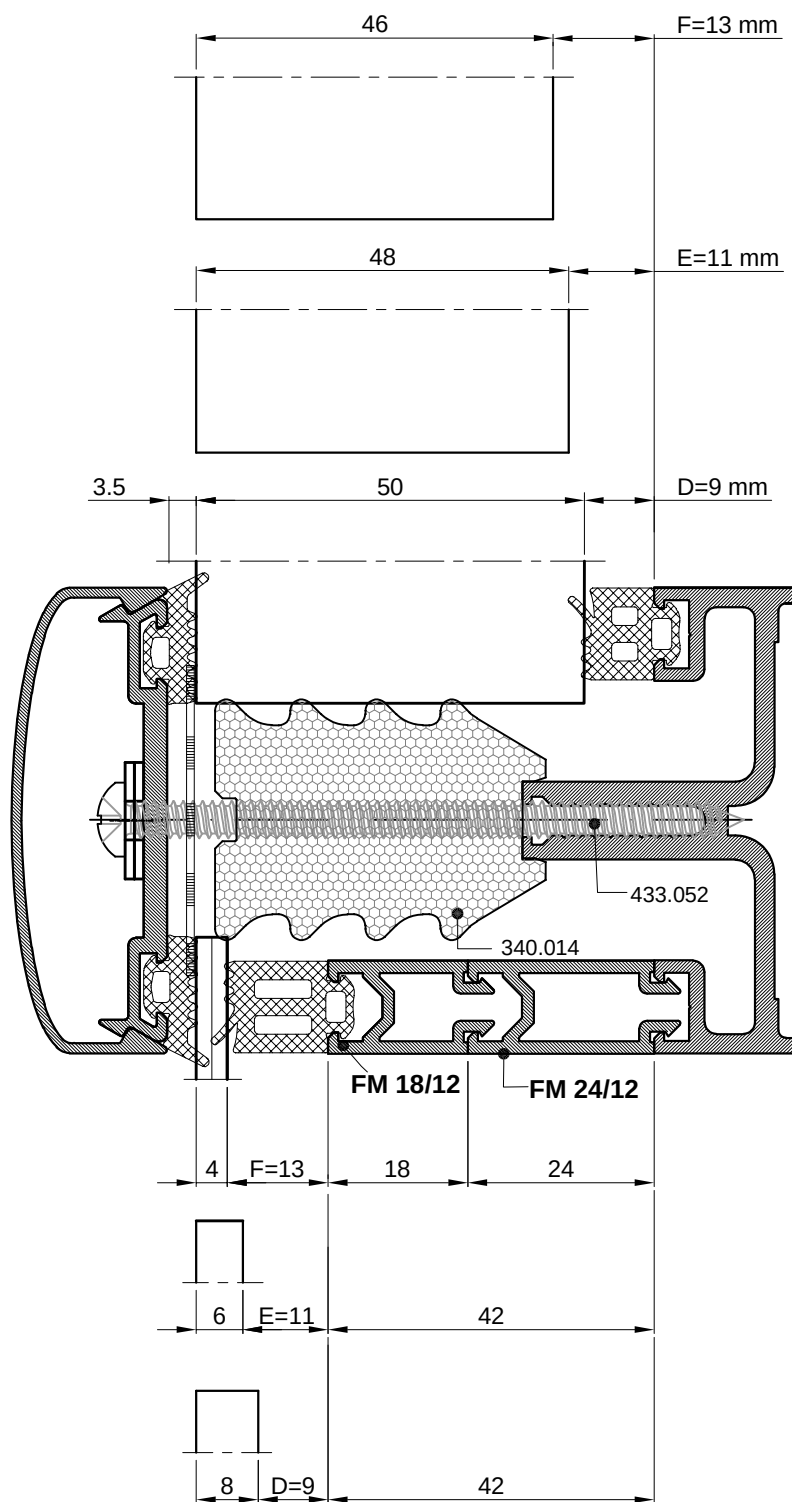
Okomica
Mullion



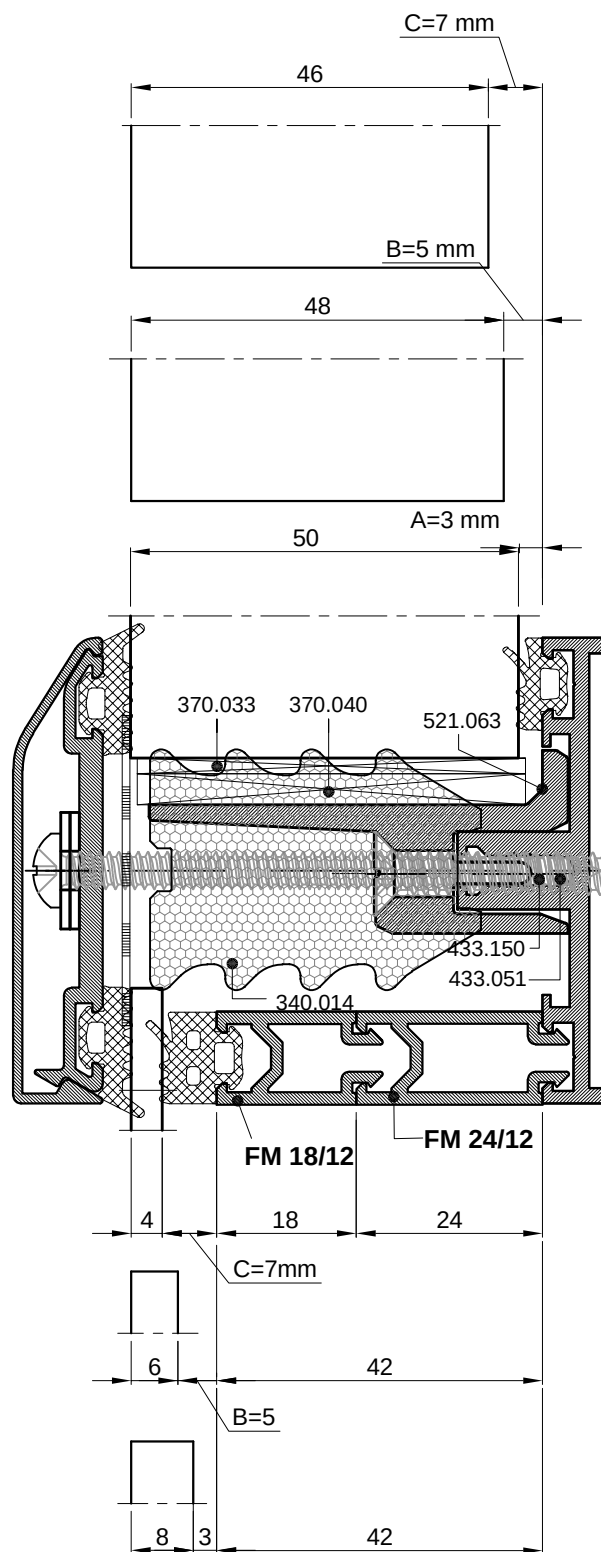
Vodoravnica
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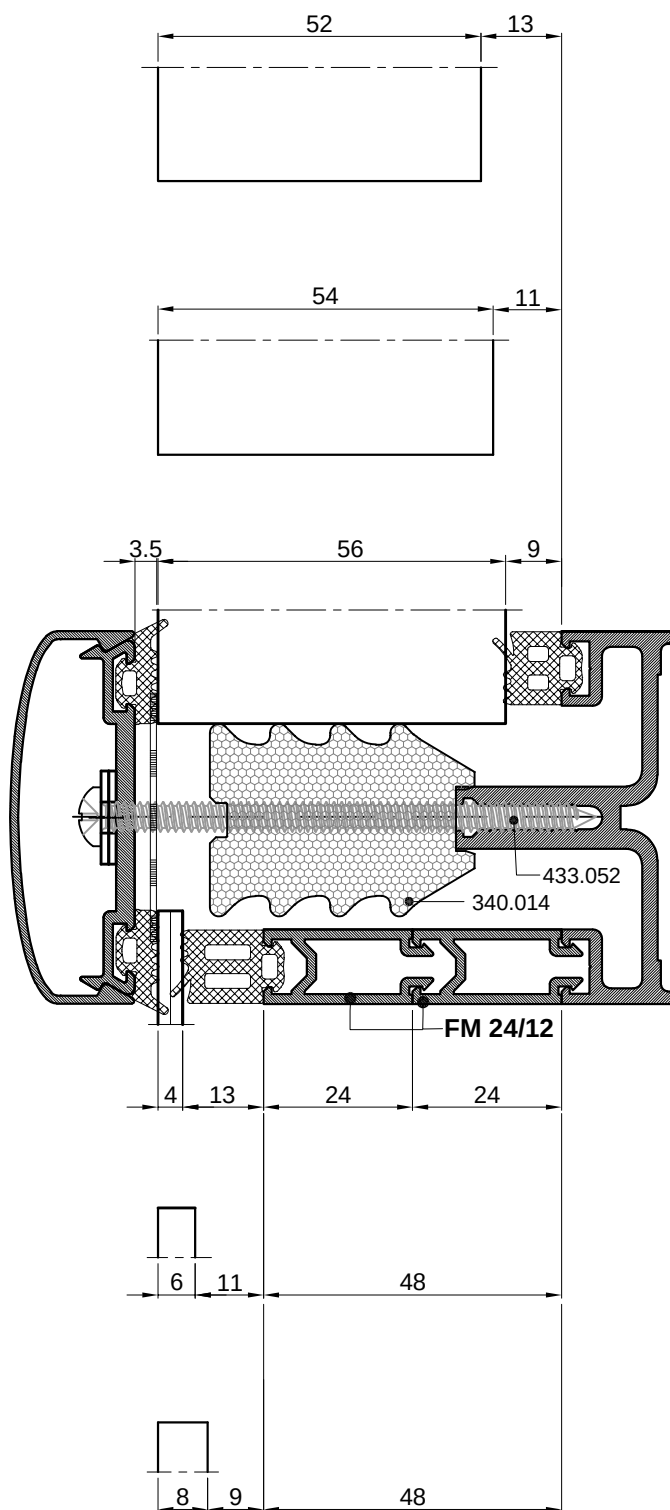


Okomica
Mullion

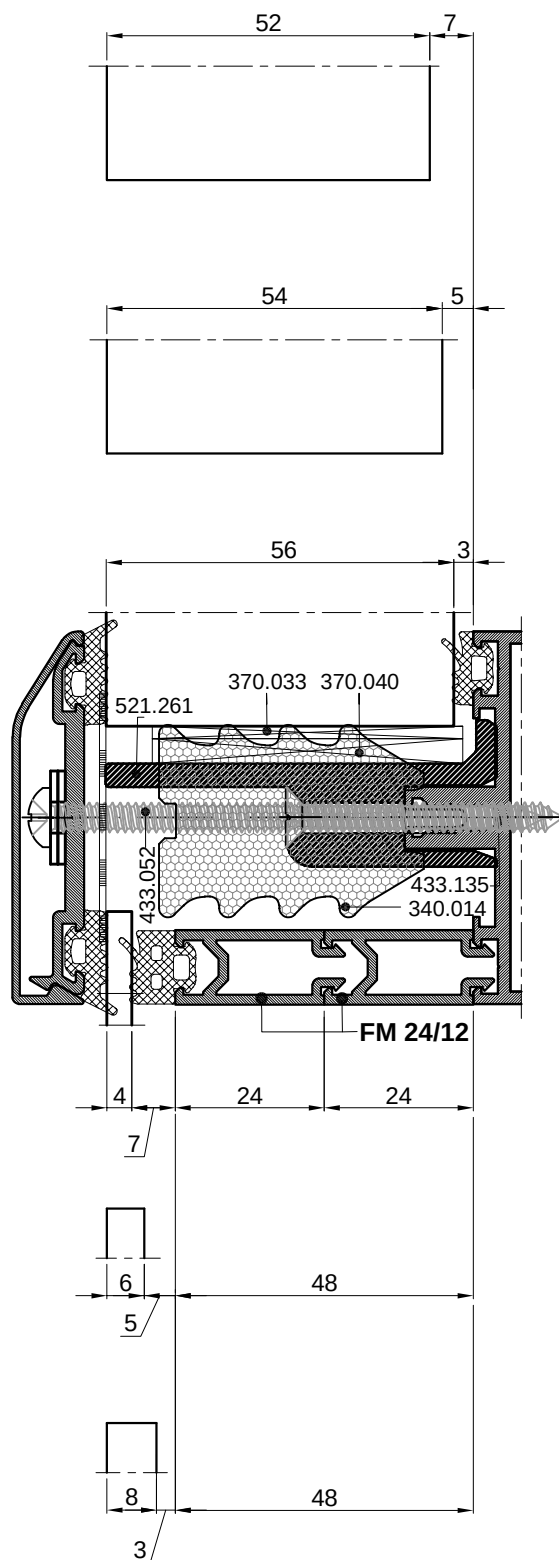


Vodoravnica
Transom



Okomica
Mullion

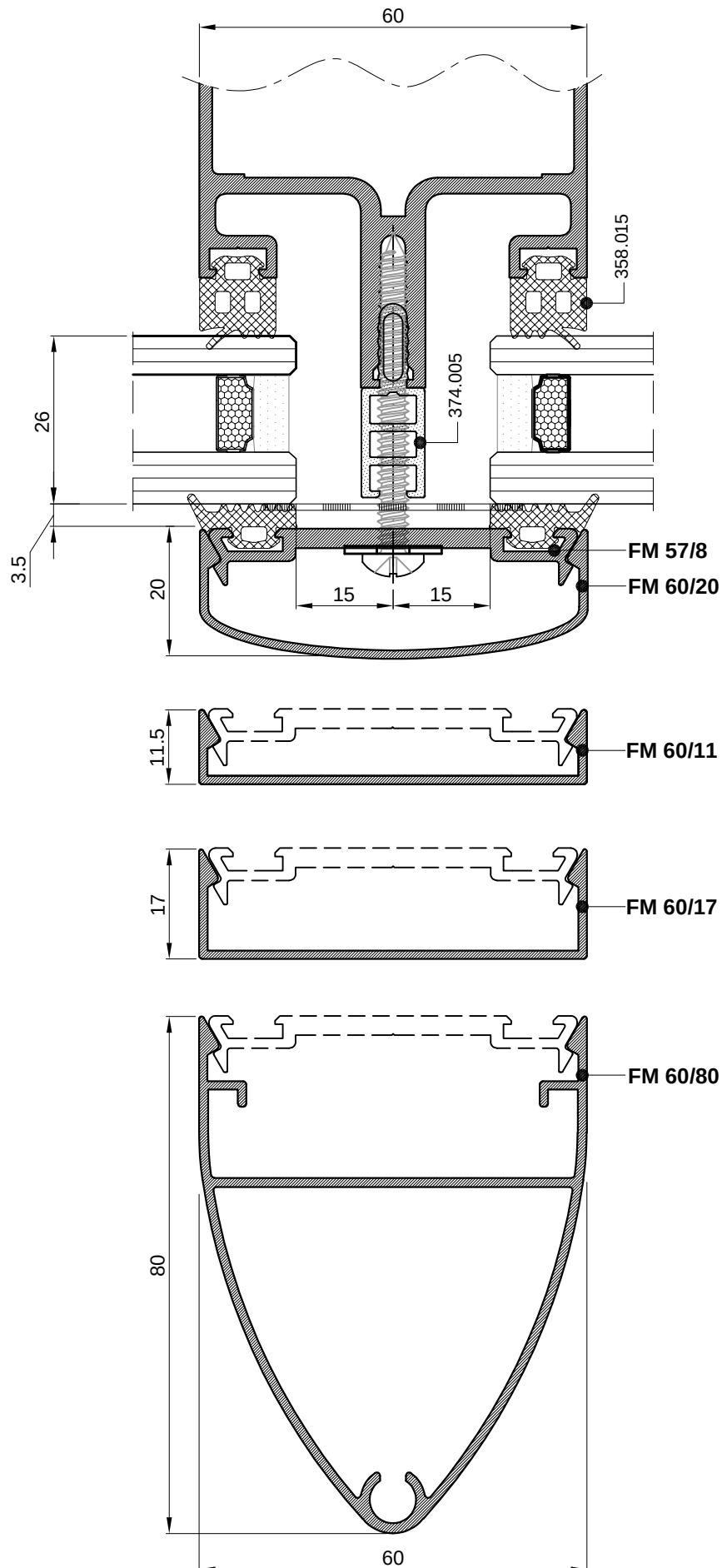
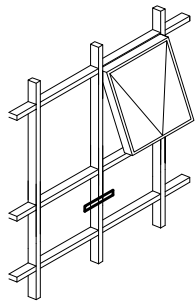
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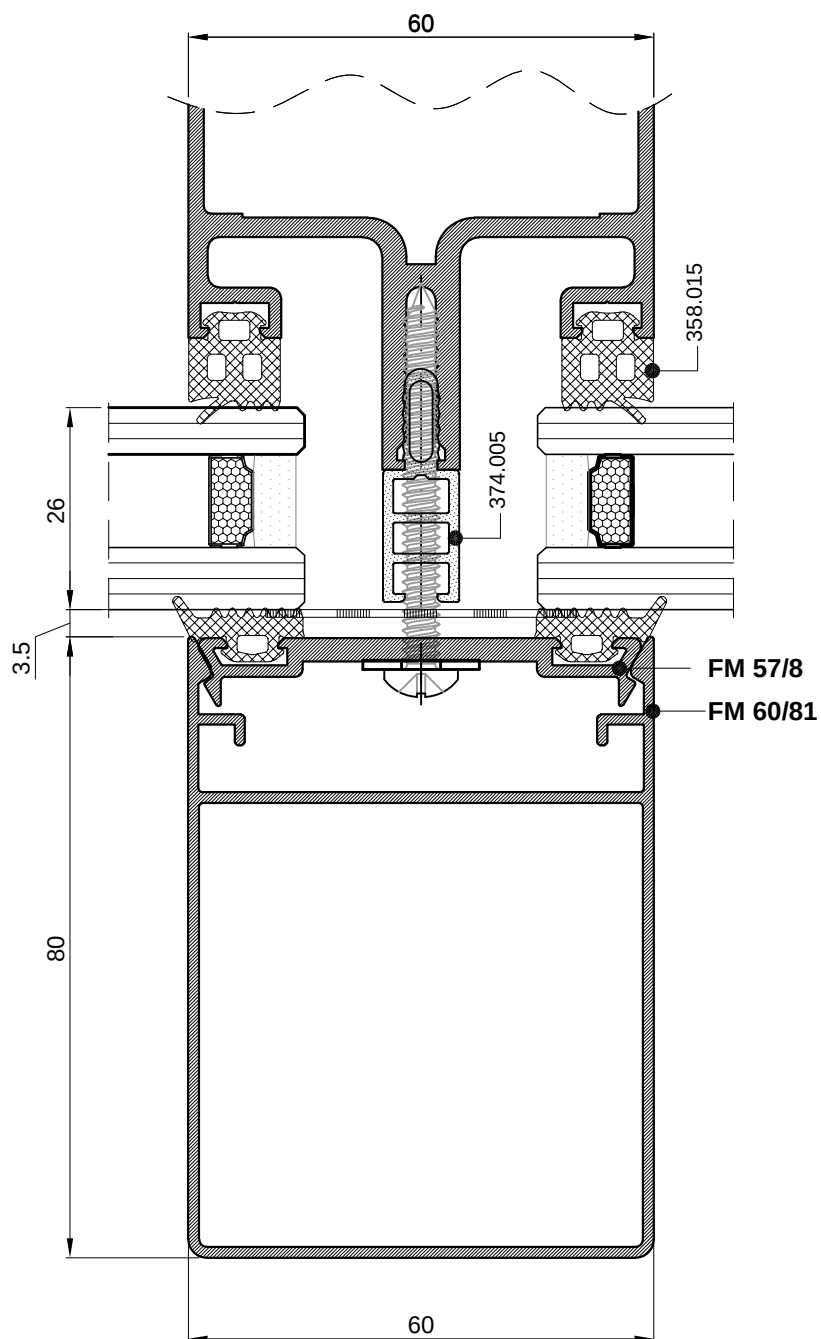
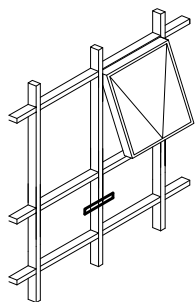


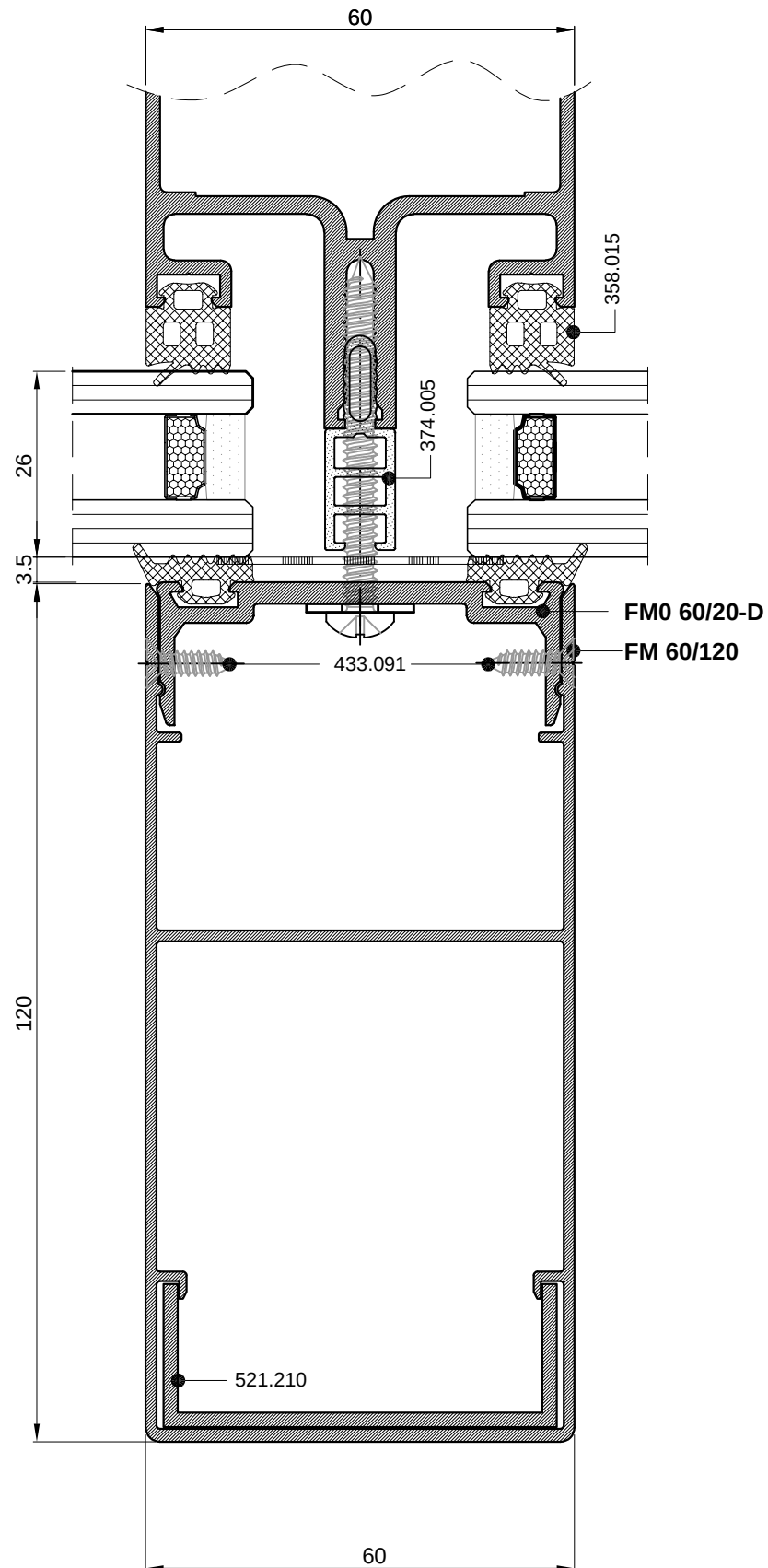
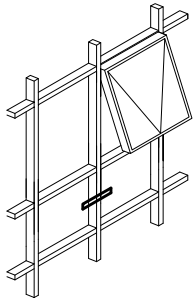
Presjeci

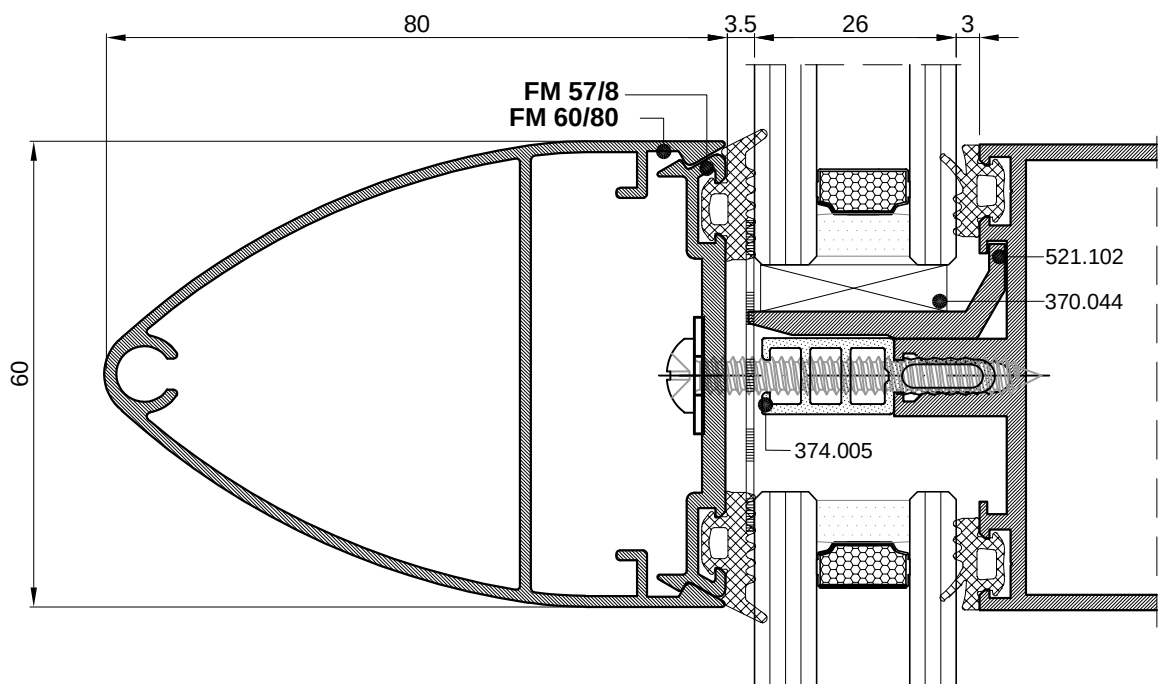
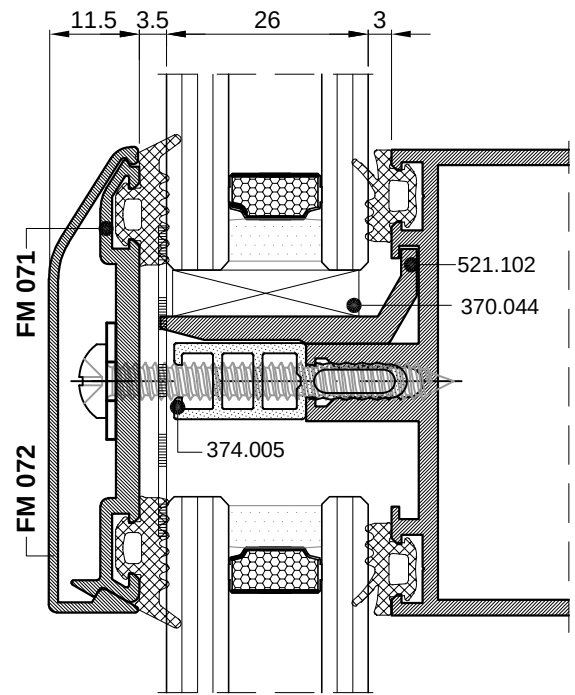
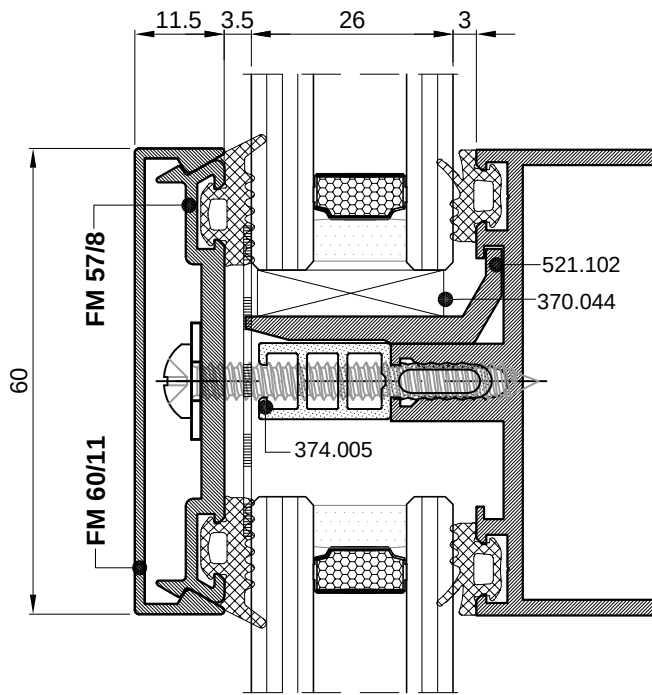
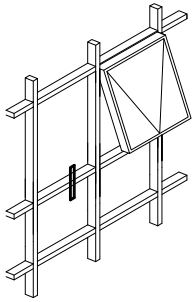
Cross sections

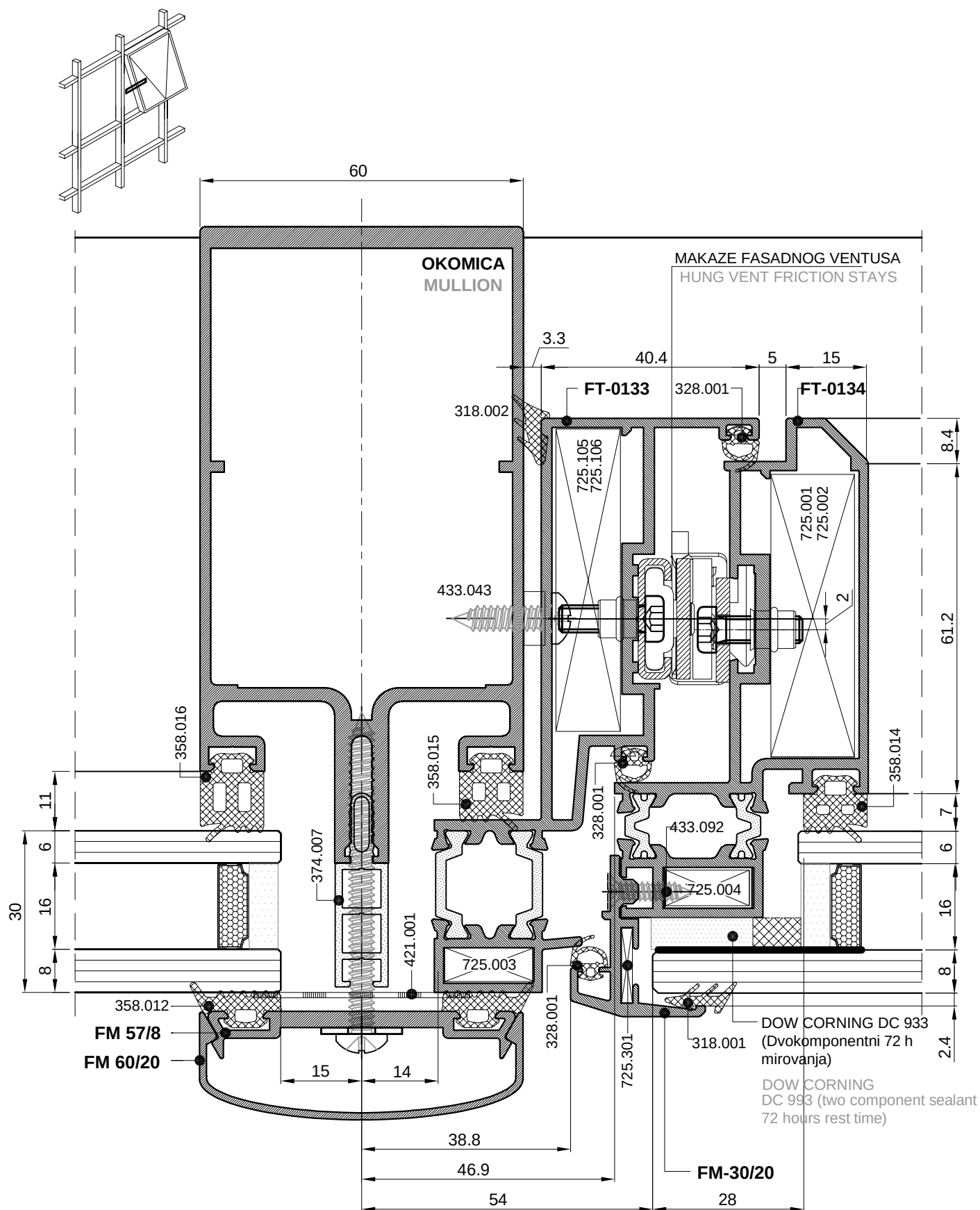


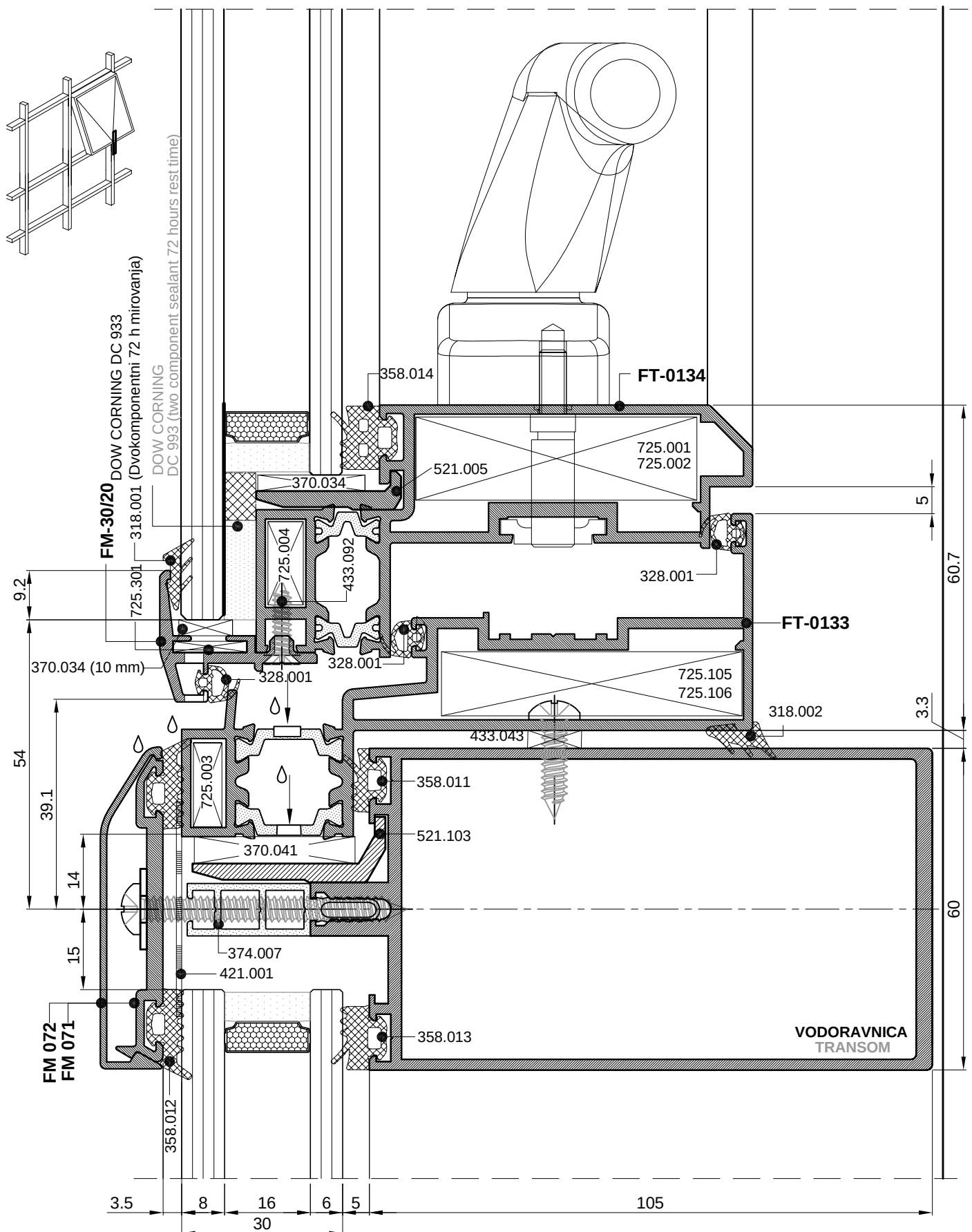


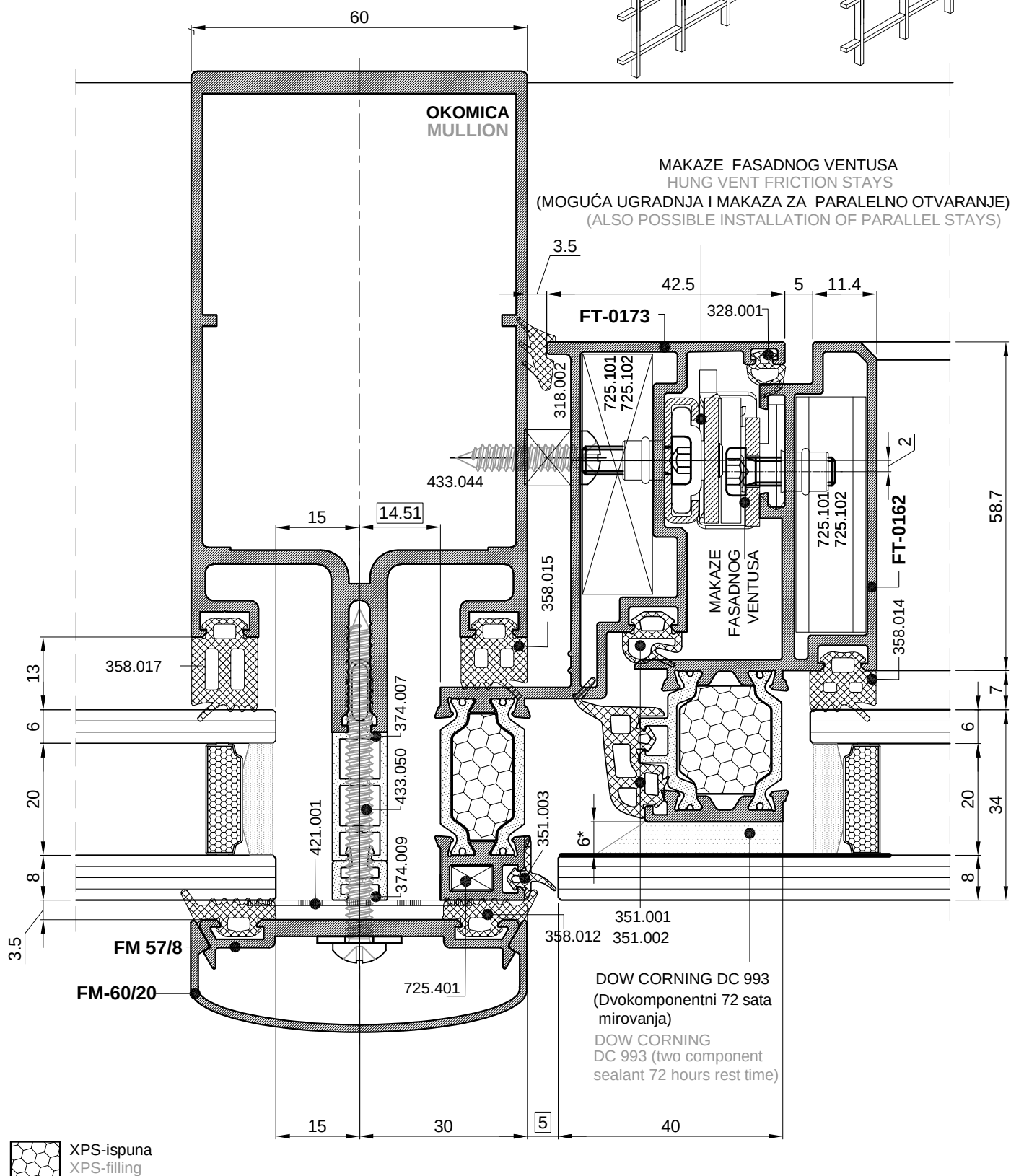
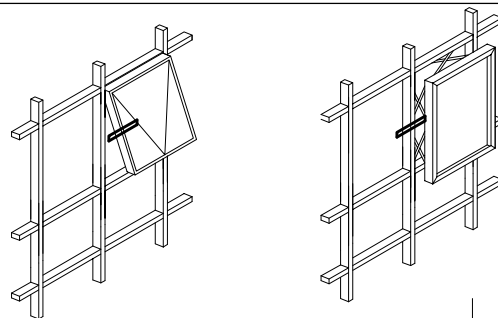












DOW CORNING DC 993
(Dvokomponentni 72 sata
mirovanja)
DOW CORNING
DC 993 (two component
sealant 72 hours rest time)

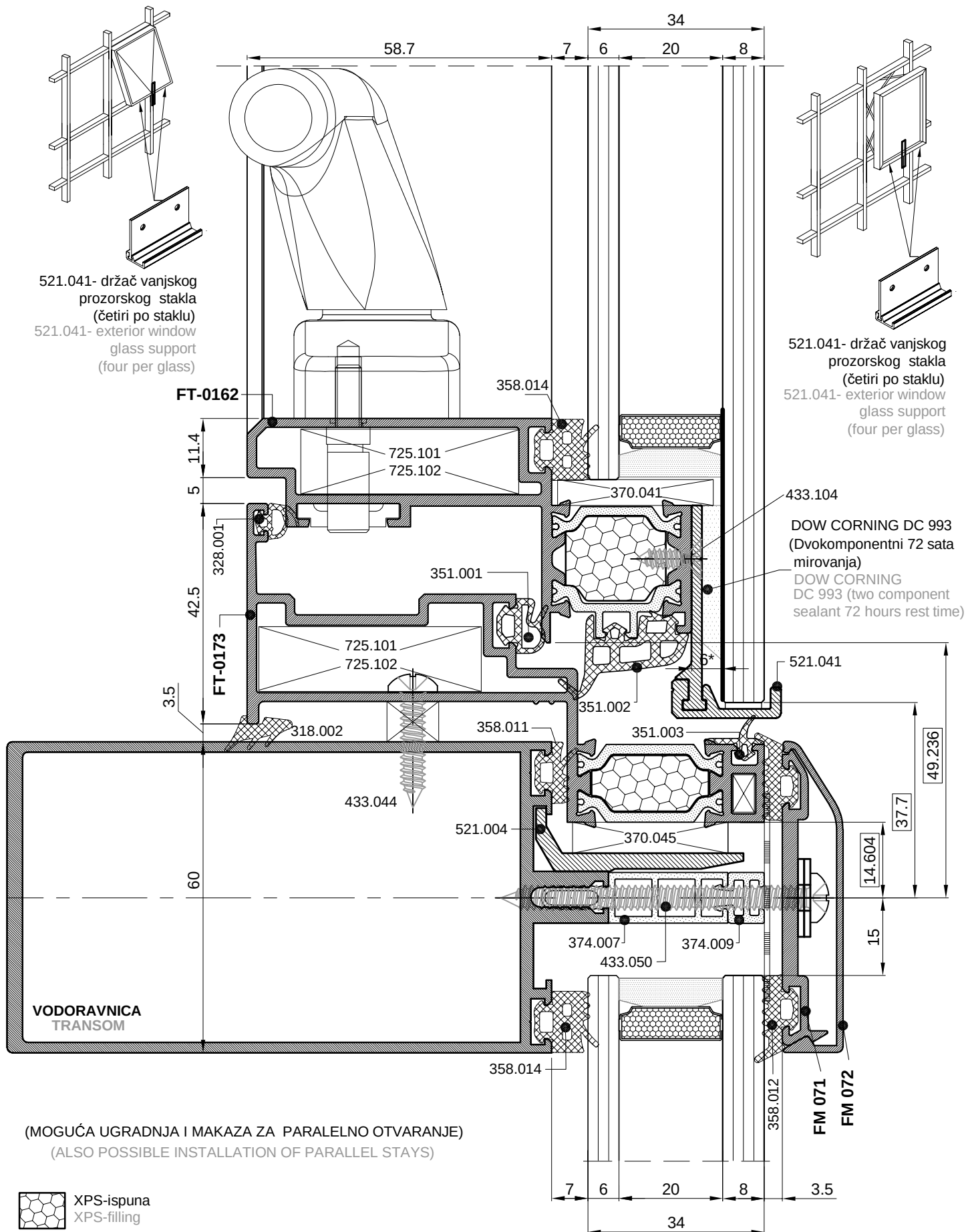


XPS-ispuna
XPS-filling

****VANJSKA STRANA PROFILA FT-0162 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

***EXTERIOR SIDE OF PROFILE FT-0162 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS
AGO

DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



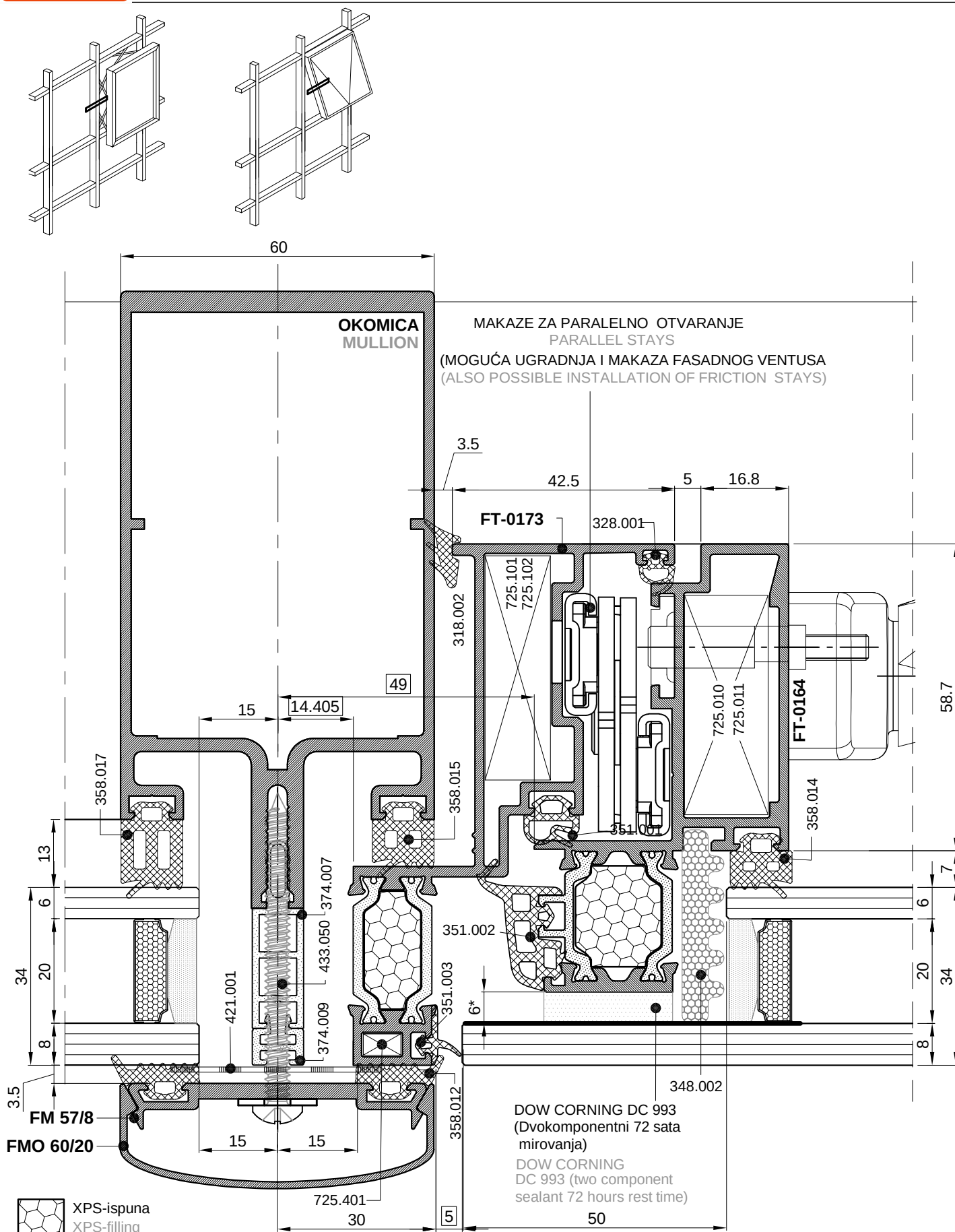
(MOGUĆA UGRADNJA I MAKAZA ZA PARALELNO OTVARANJE)
 (ALSO POSSIBLE INSTALLATION OF PARALLEL STAYS)

**VANJSKA STRANA PROFILA FT-0162 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0162 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm

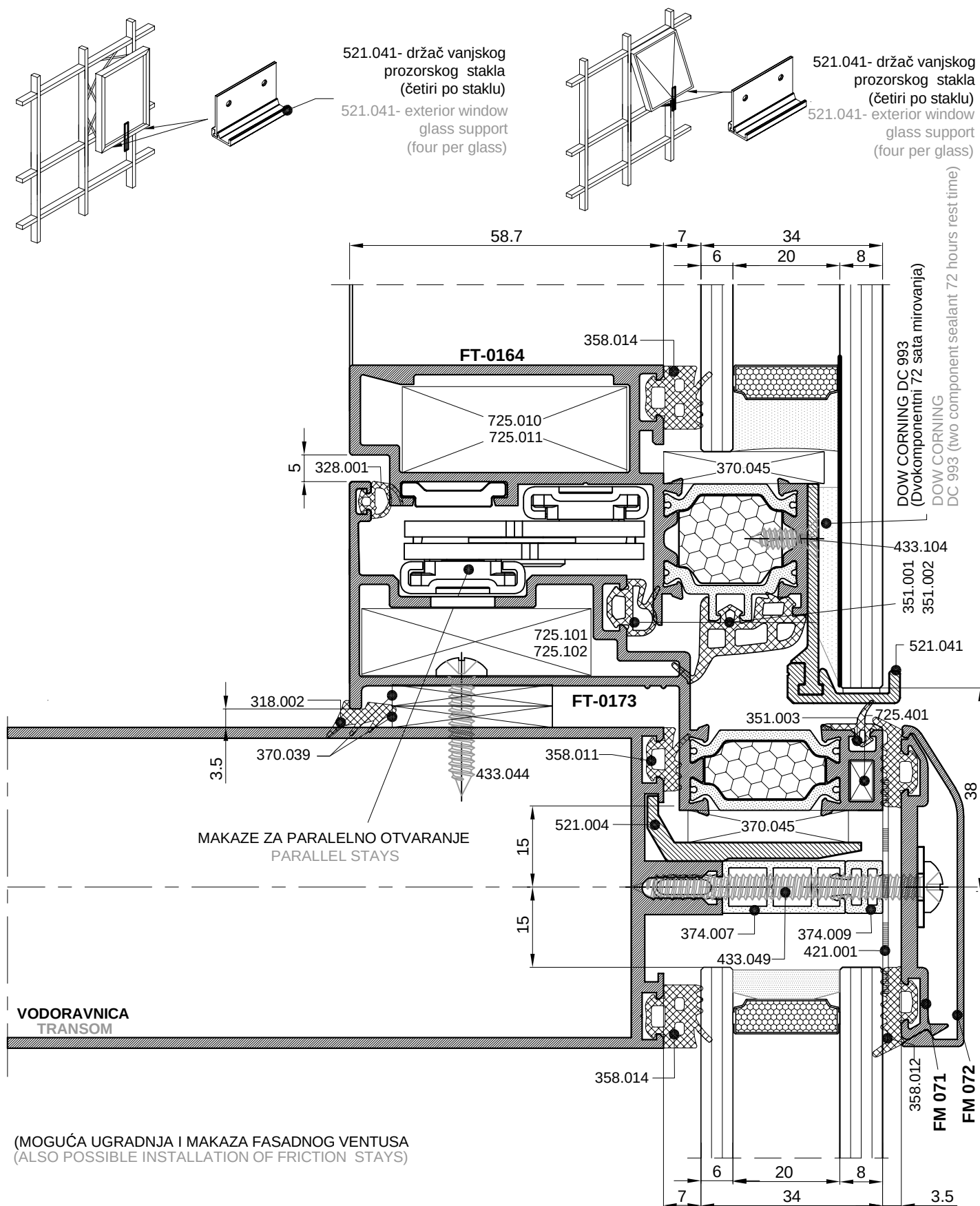


**VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm

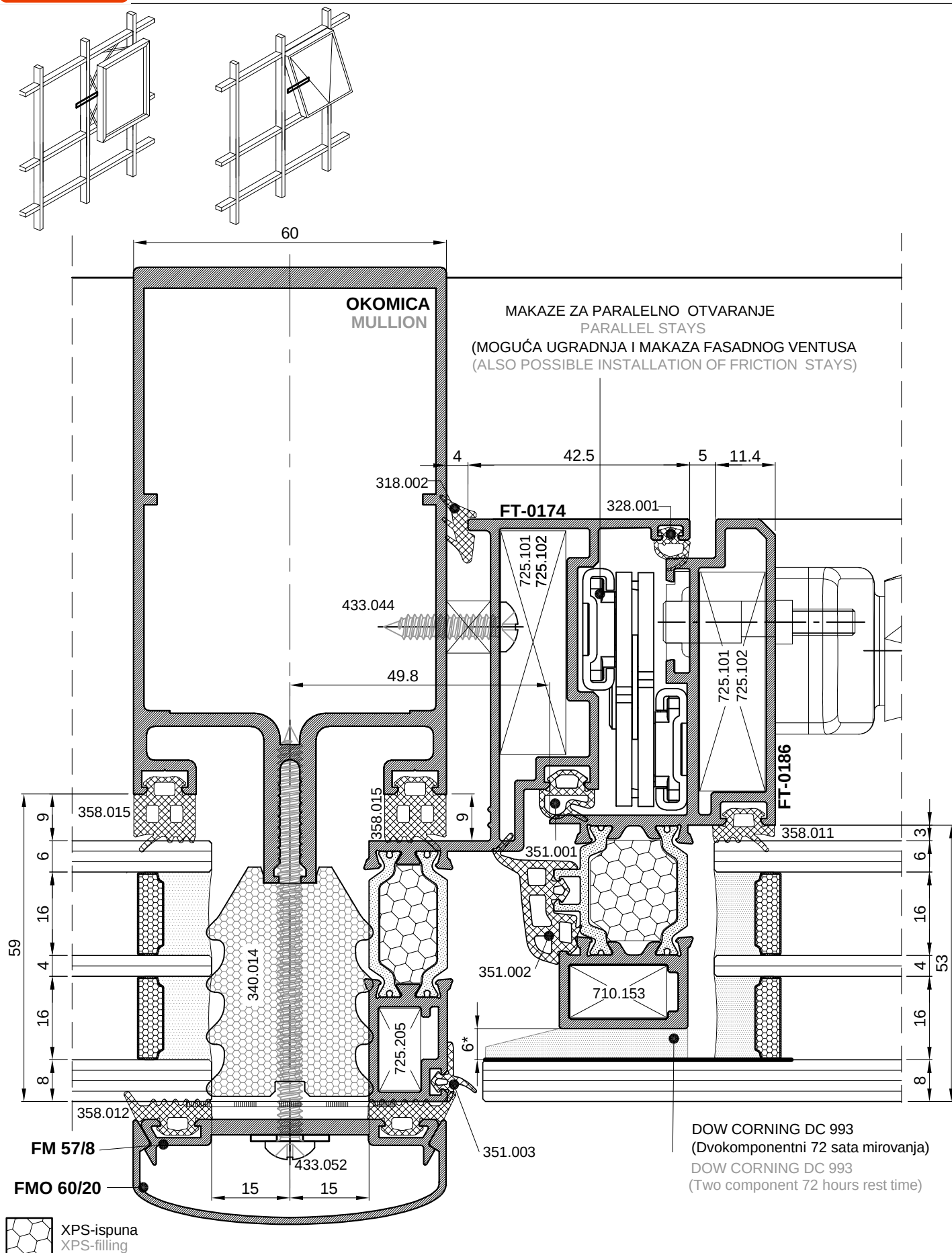


****VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

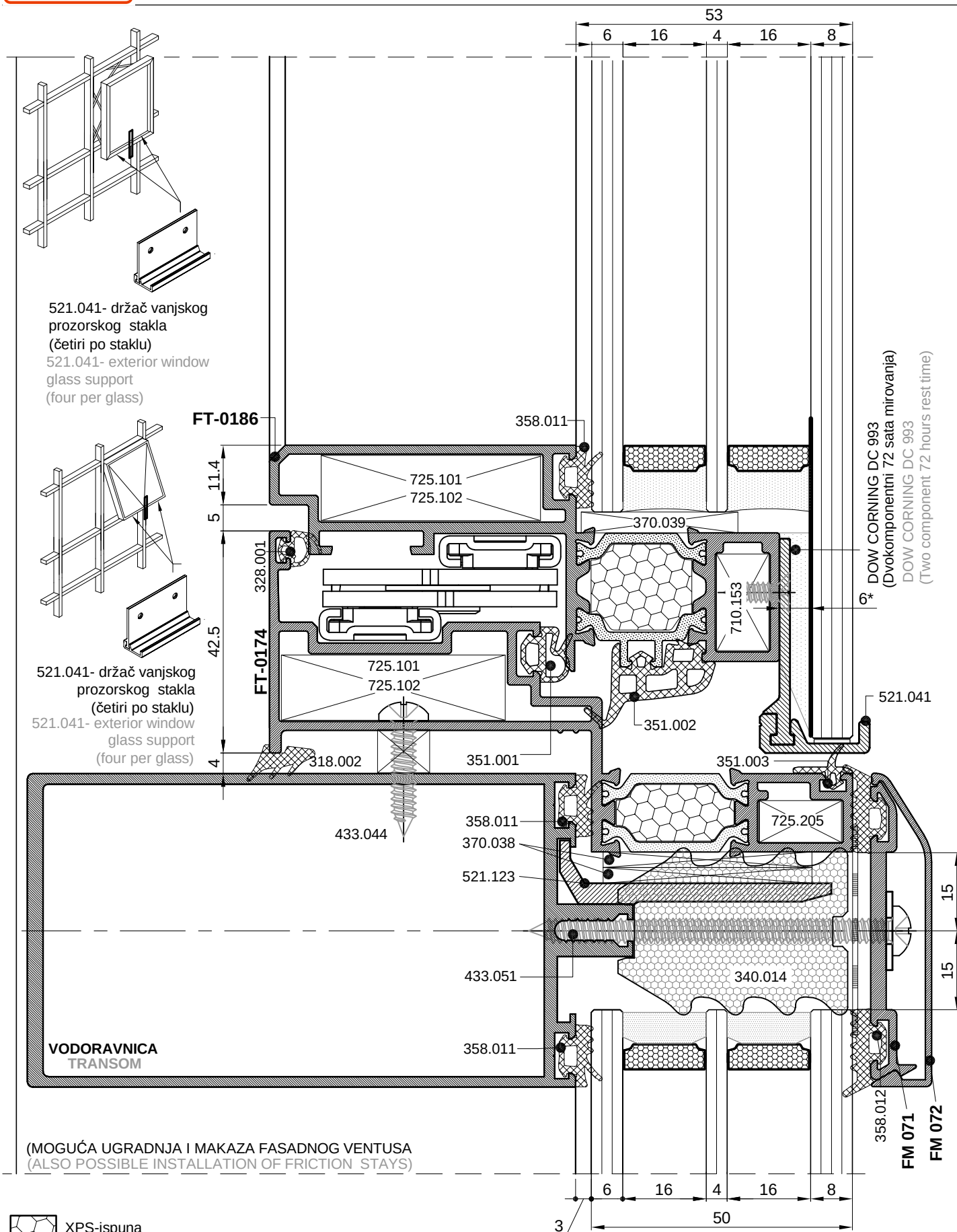
****EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO**

DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm



**VANJSKA STRANA PROFILA FT-0186 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
 **EXTERIOR SIDE OF PROFILE FT-0186 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS
 AGO
 DEBLJINA STRUKTURALNOG KITA min 6 mm
 STRUCTURAL SEALANT THICKNESS min 6 mm

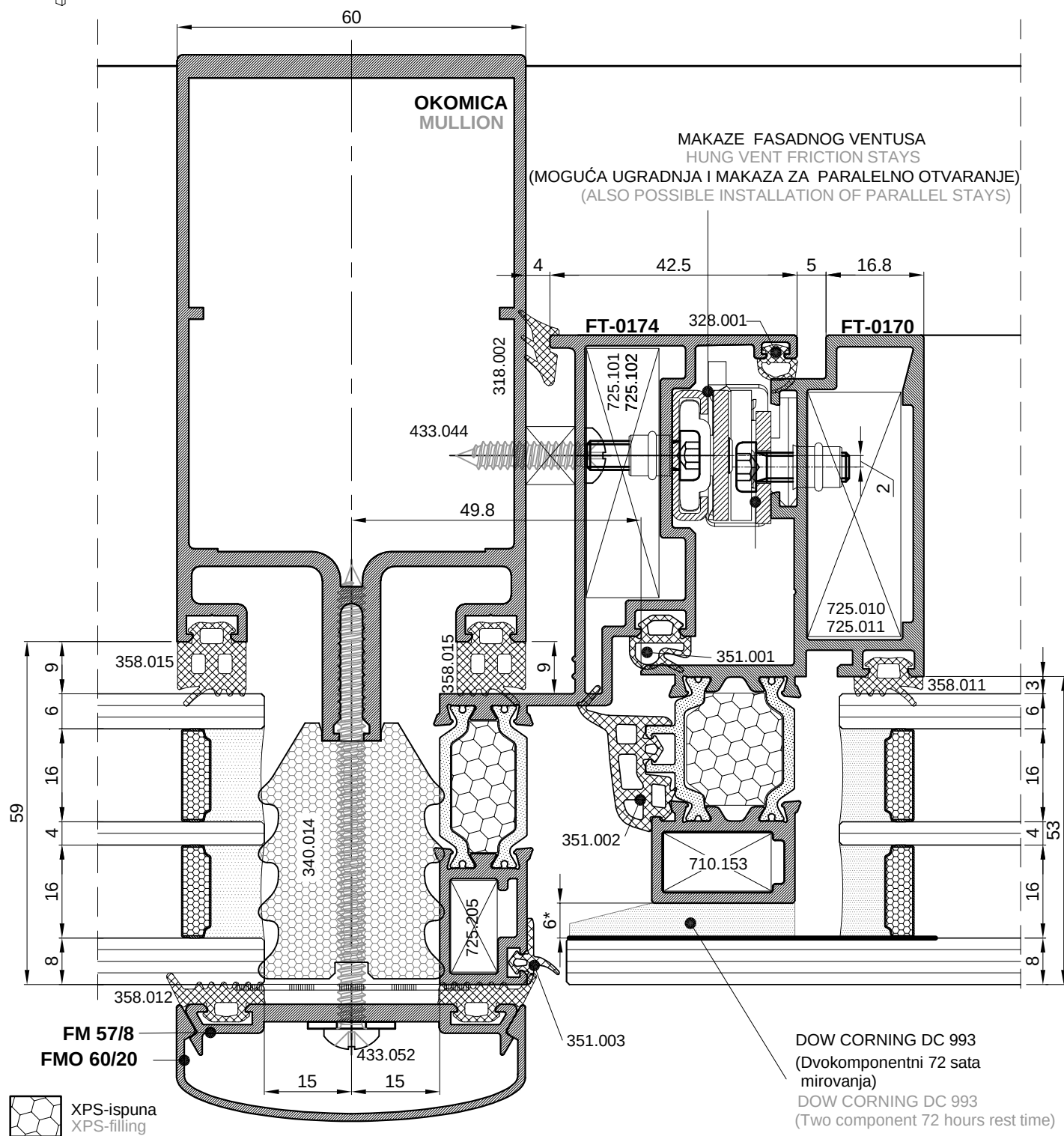
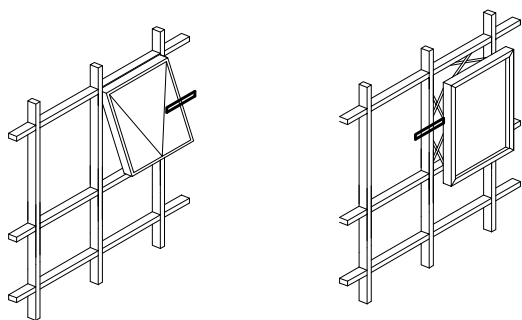


**VANJSKA STRANA PROFILA FT-0186 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0186 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm

STRUCTURAL SEALANT THICKNESS min 6 mm

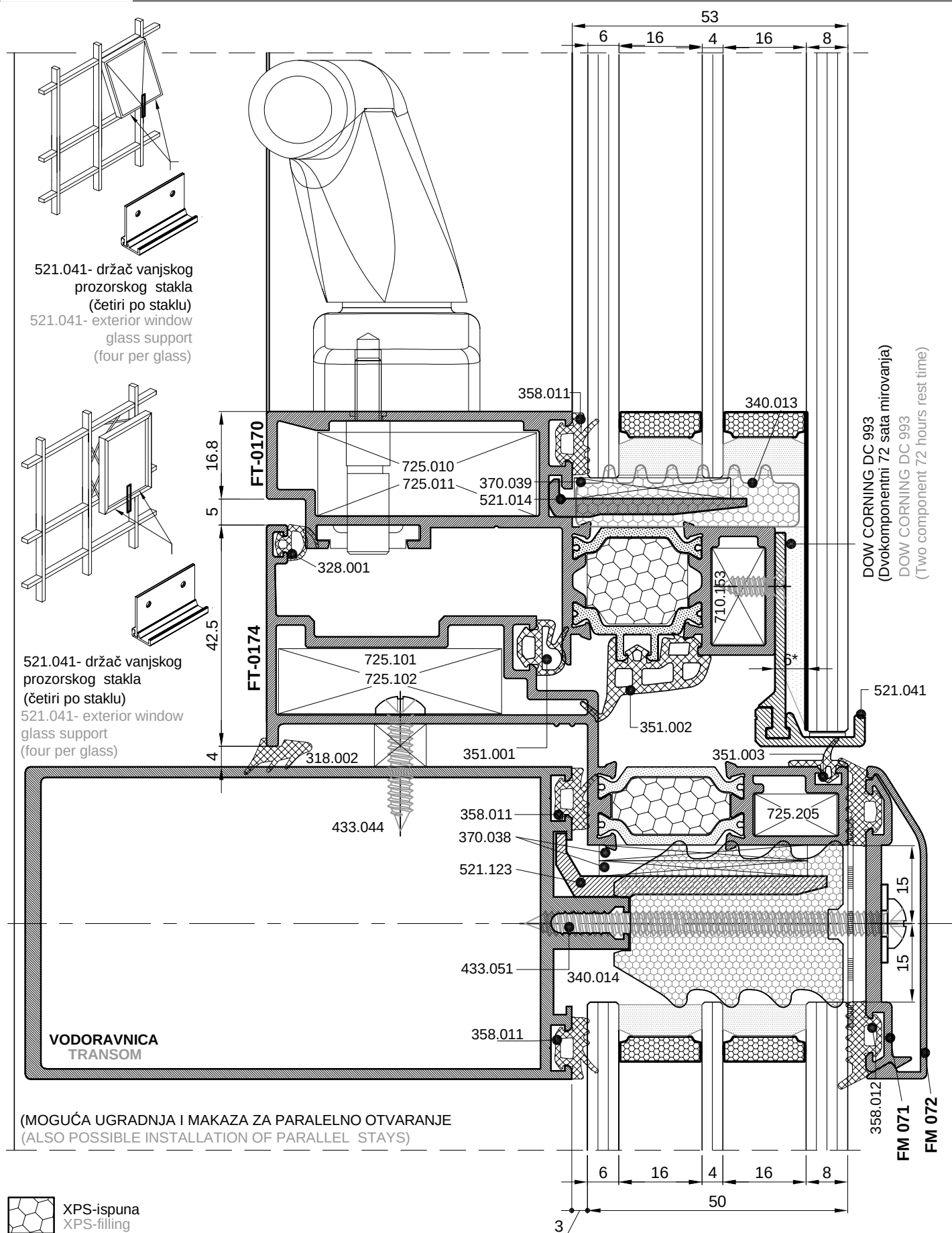


****VANJSKA STRANA PROFILA FT-0170 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILE FT-0170 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS
AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm

STRUCTURAL SEALANT THICKNESS min 6 mm

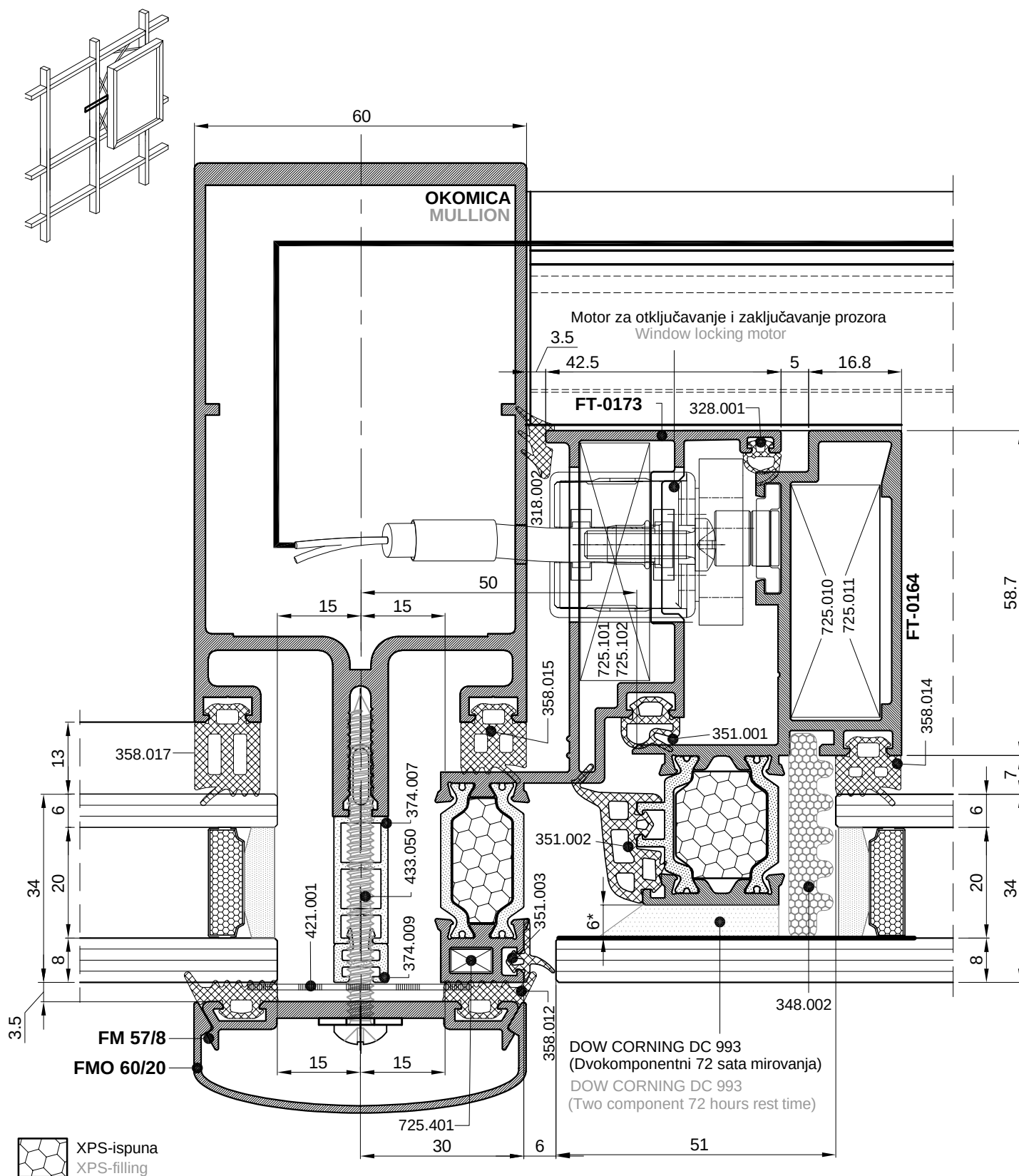


**VANJSKA STRANA PROFILA FT-0170 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0170 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm

STRUCTURAL SEALANT THICKNESS min 6 mm



(MOGUĆA UGRADNJA I TROSTRUKOG STAKLA SA PROFILIMA FT-174 I FT-170)

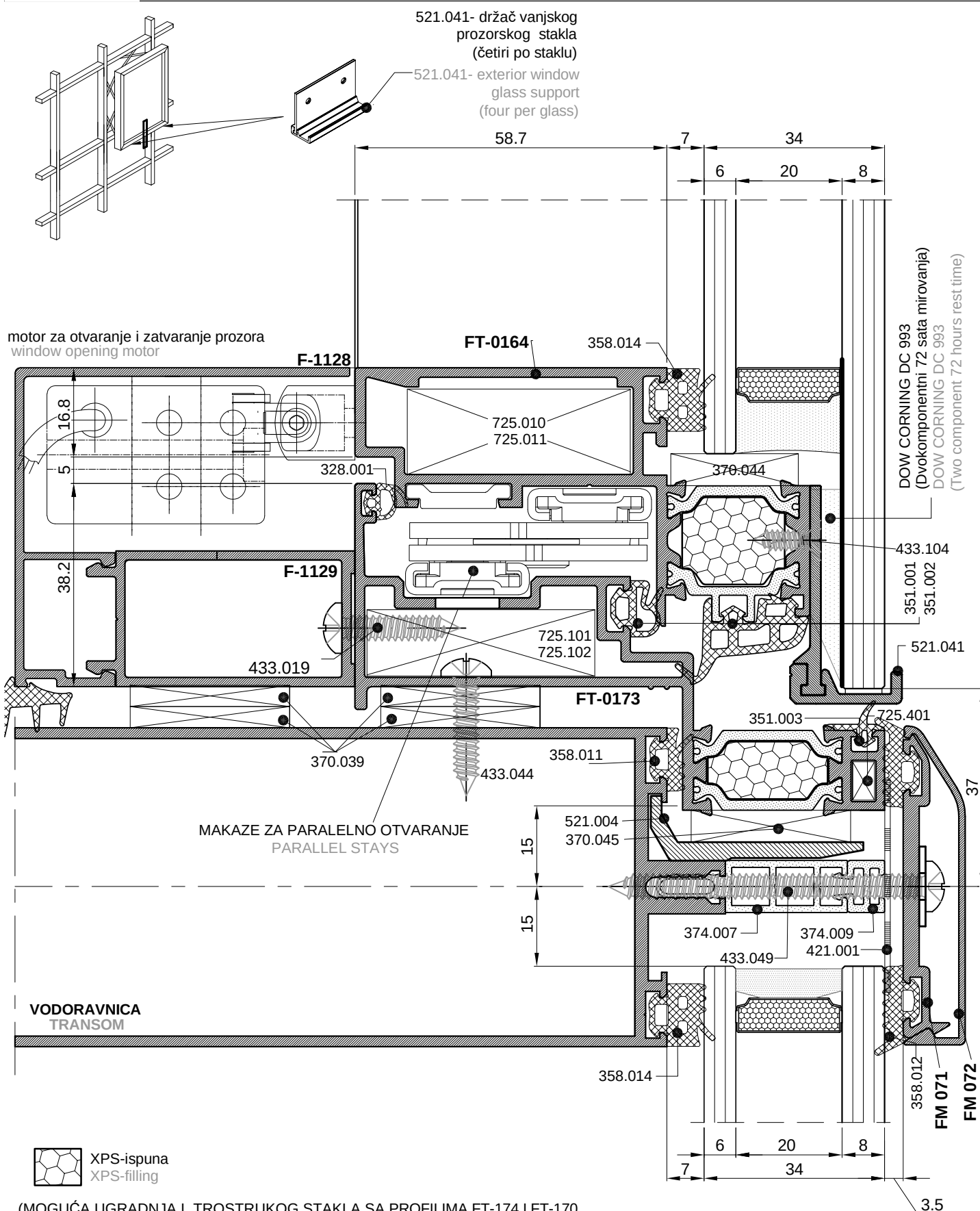
(ALSO POSSIBLE INSTALLATION OF TRIPLE PANE GLASS WITH PROFILES FT-174 AND FT-170)

****VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm



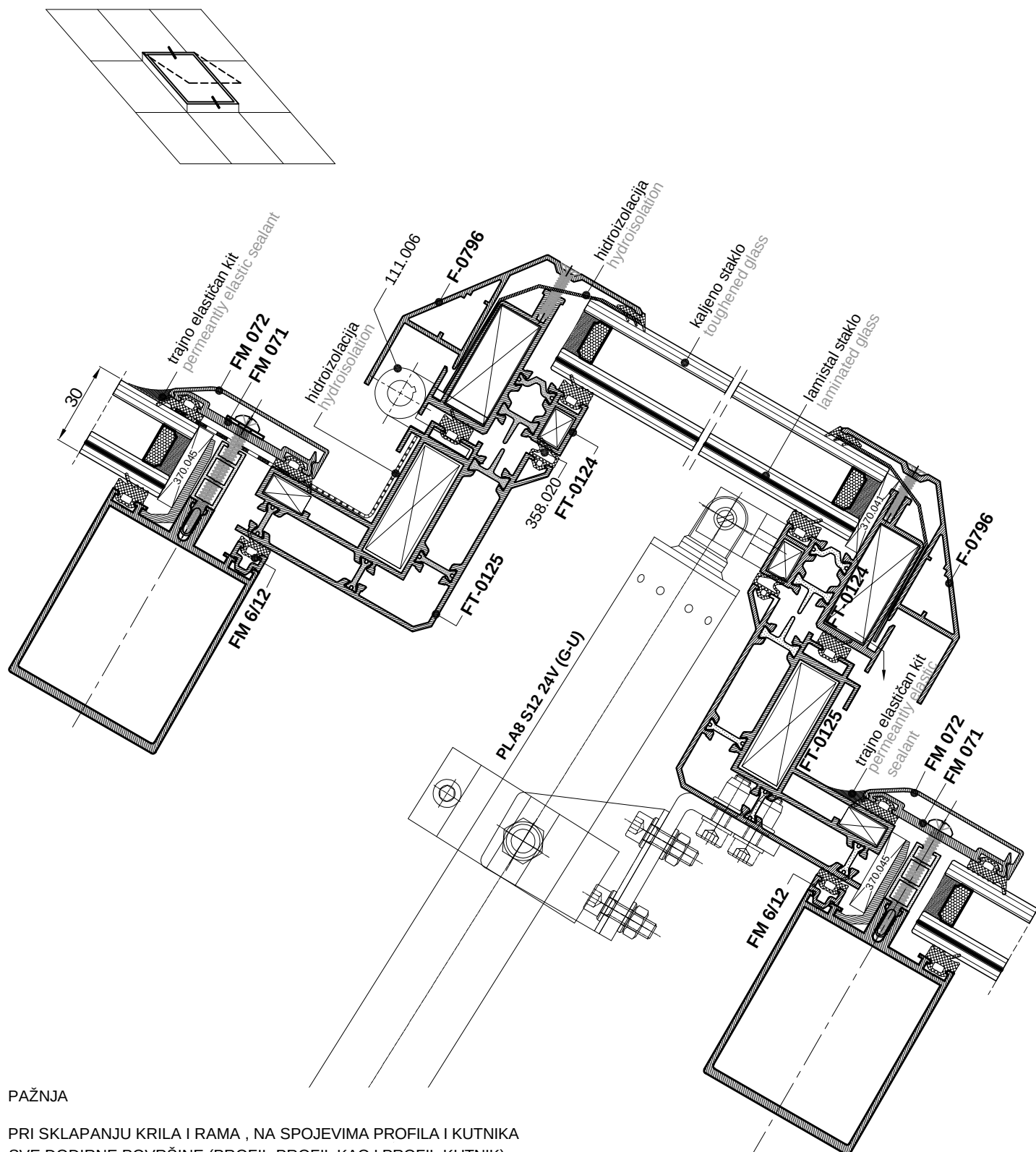
(MOGUĆA UGRADNJA I TROSTRUKOG STAKLA SA PROFILIMA FT-174 I FT-170)
 (ALSO POSSIBLE INSTALLATION OF TRIPLE PANE GLASS WITH PROFILES FT-174 AND FT-170)

****VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

****EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO**

DEBLJINA STRUKTURALNOG KITA min 6mm

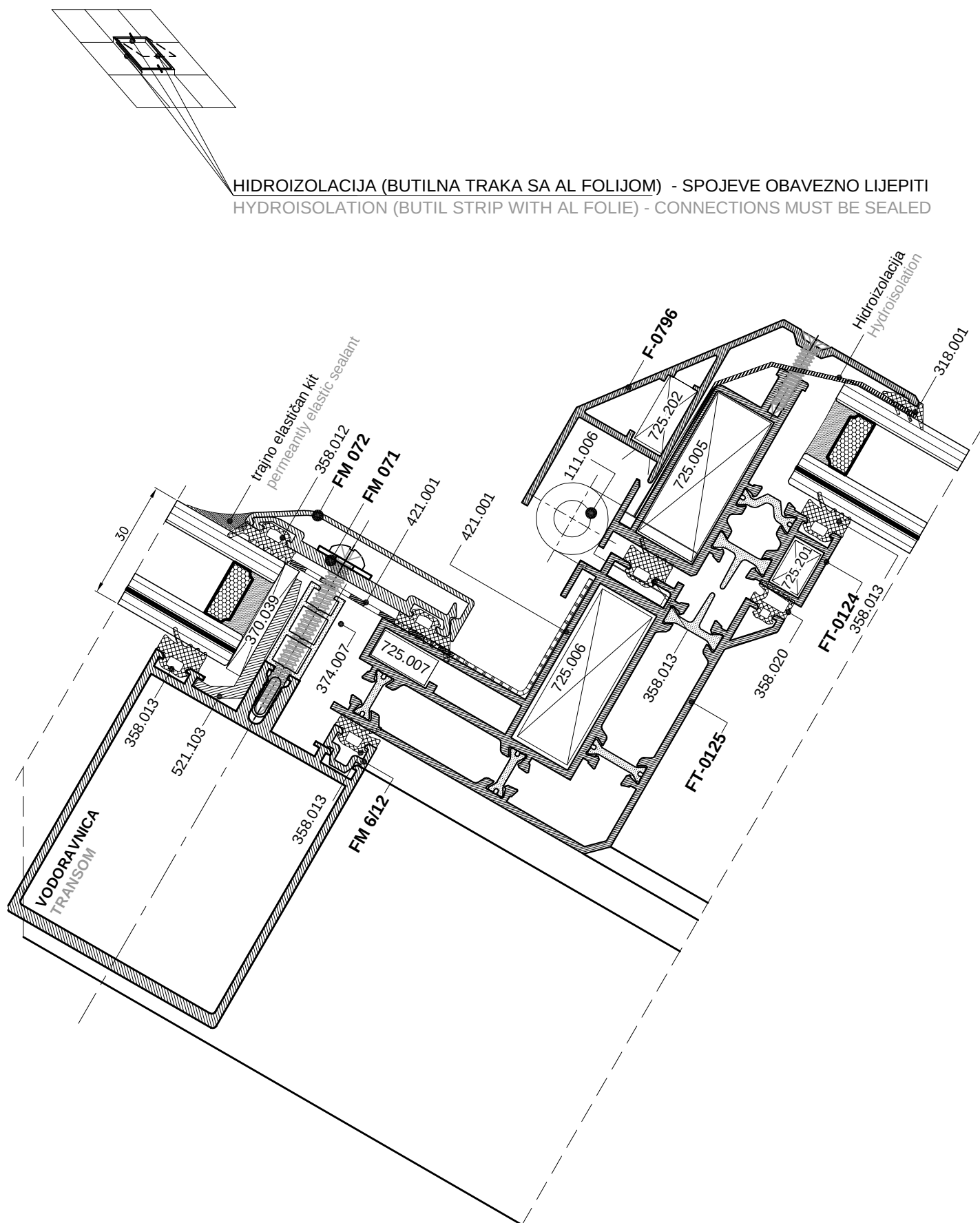
STRUCTURAL SEALANT THICKNESS min 6mm


PAŽNJA

PRI SKLAPANJU KRILA I RAMA , NA SPOJEVIMA PROFILA I KUTNIKA SVE DODIRNE POVRŠINE (PROFIL-PROFIL KAO I PROFIL-KUTNIK) OBAVEZNO LIJEPITI I ZAPUNITI DVOKOMPONENTNIM KITOM ZBOG POVEĆANJA ČVRSTOĆE I ZAPTIVENOSTI SPOJA.

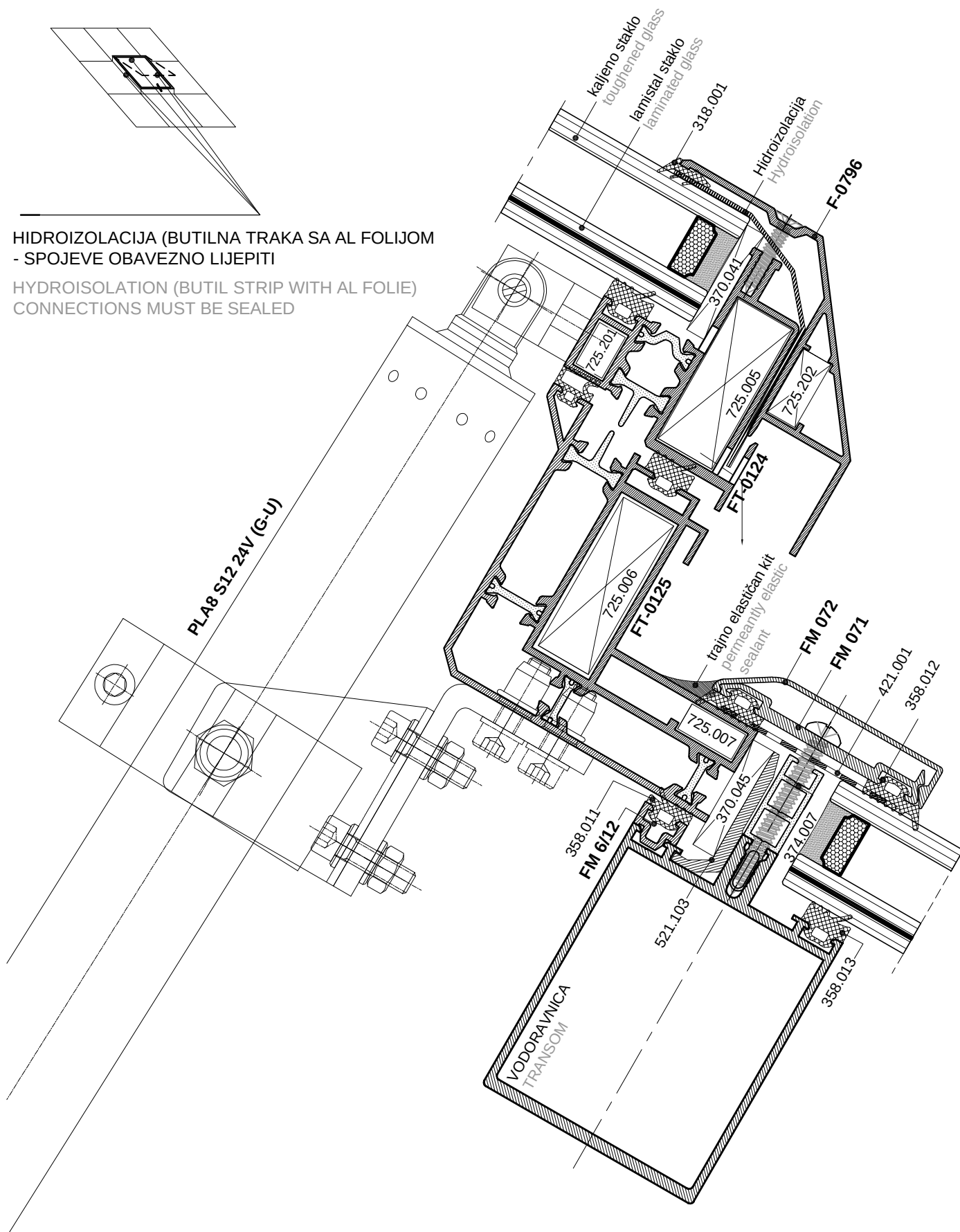
ATTENTION

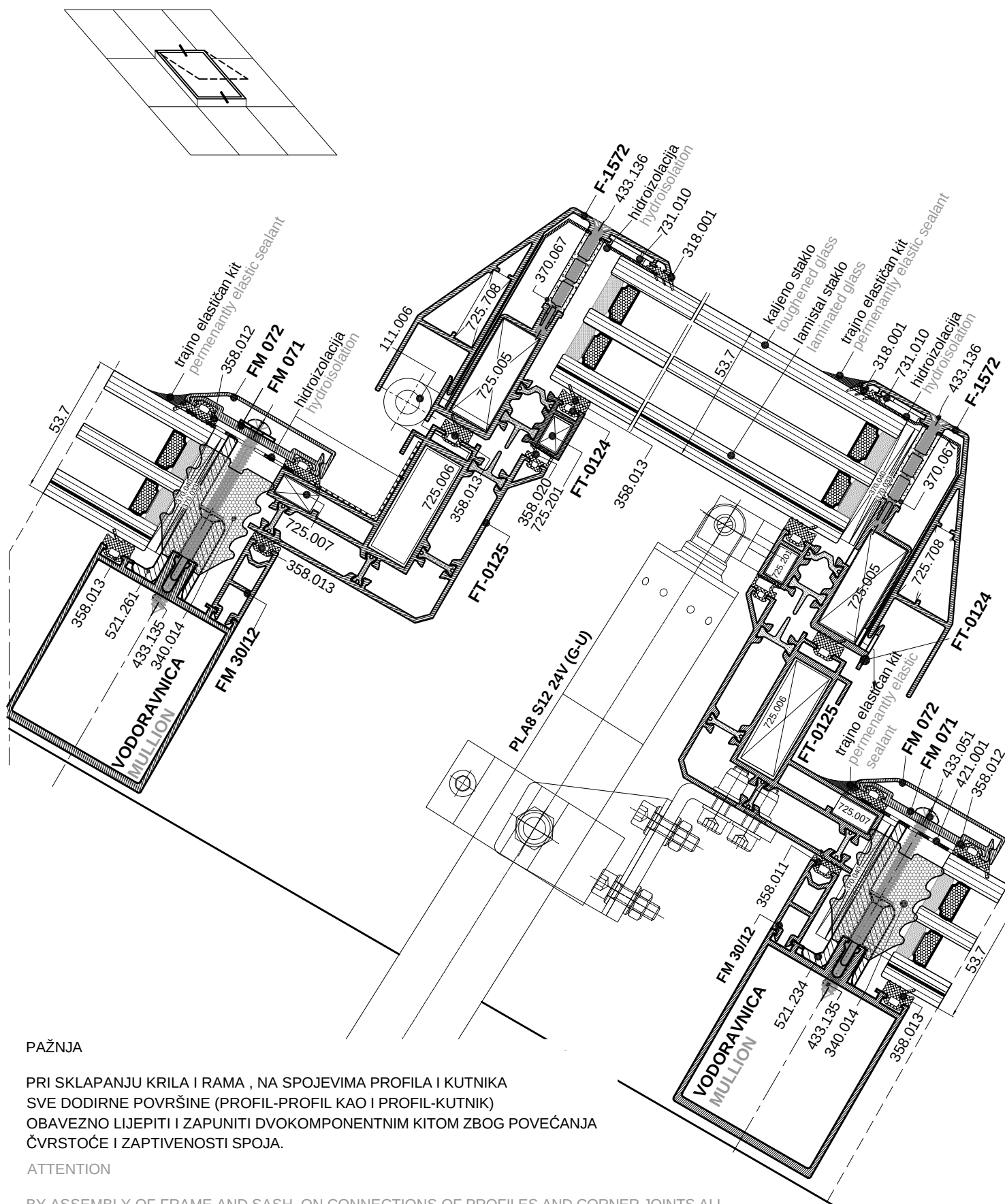
BY ASSEMBLY OF FRAME AND SASH, ON CONNECTIONS OF PROFILES AND CORNER JOINTS ALL THE CONTACT SURFACES (PROFILE-PROFILE AND PROFILE-CORNER JOINT) MUST BE GLUED AND FILLED WITH TWO COMPONENT SEALANT FOR BETTER FIRMNESS AND SEALING.



HIDROIZOLACIJA (BUTILNA TRAKA SA AL FOLIJOM) - SPOJEVE OBAVEZNO LIJEPITI
HYDROISOLATION (BUTIL STRIP WITH AL FOLIE) - CONNECTIONS MUST BE SEALED

IZVOD KAPLJEVINA IZ KROVNOG PROZORA
ROOF WINDOW DRAINAGE





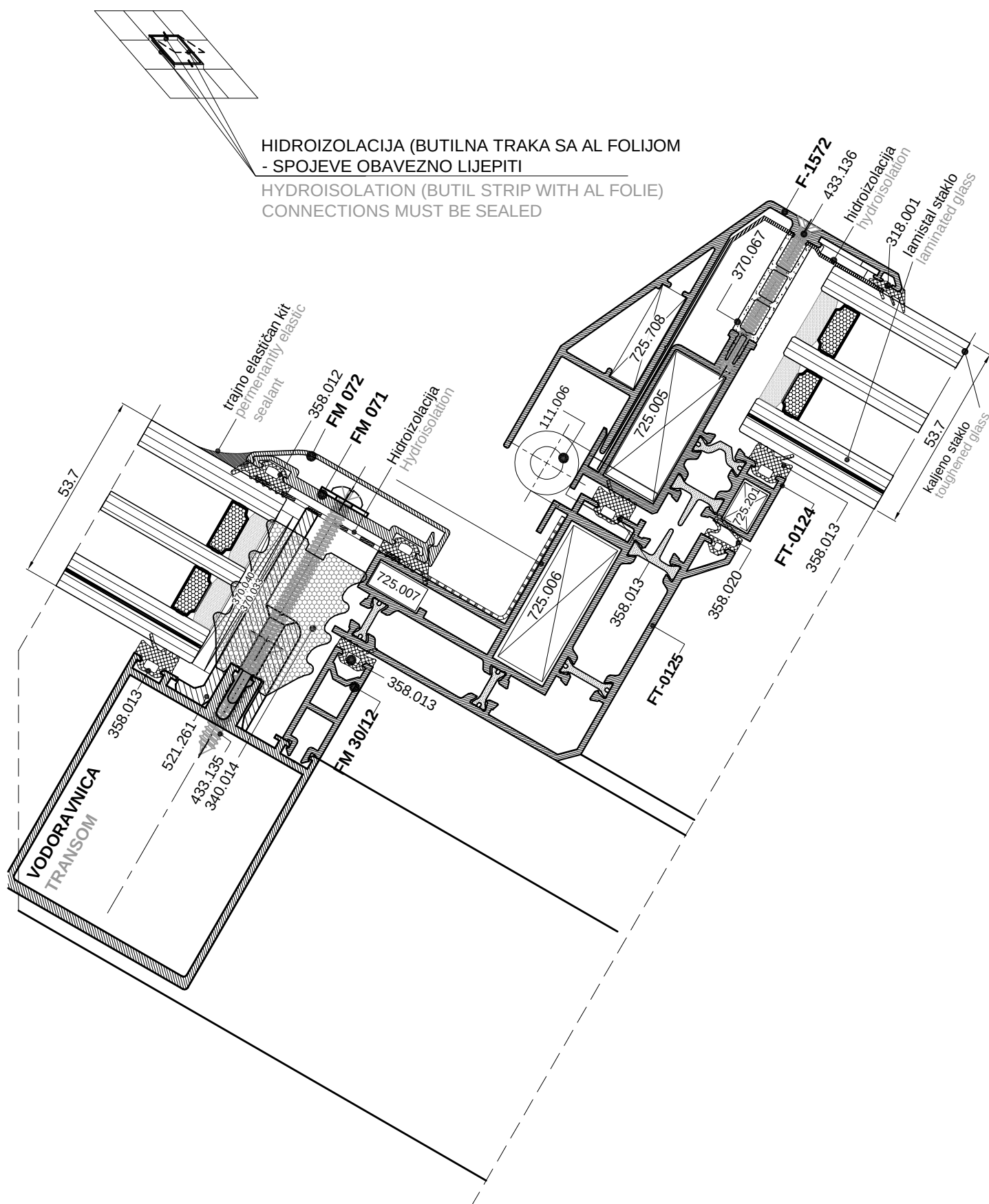
PAŽNJA

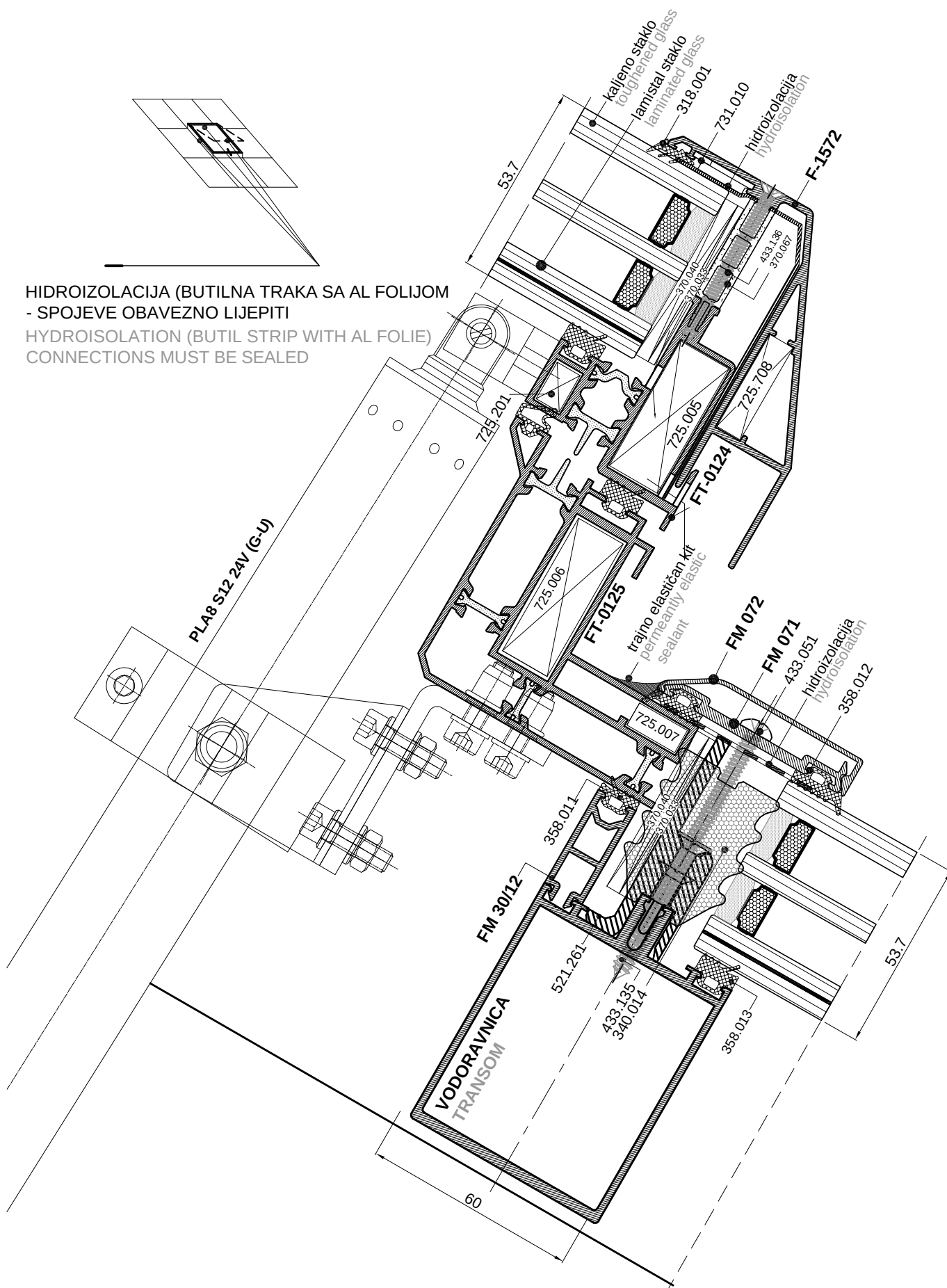
PRI SKLAPANJU KRILA I RAMA , NA SPOJEVIMA PROFILA I KUTNIKA
SVE DODIRNE POVRŠINE (PROFIL-PROFIL KAO I PROFIL-KUTNIK)
OBAVEZNO LIJEPITI I ZAPUNITI DVOKOMPONENTNIM KITOM ZBOG POVEĆANJA
ČVRSTOĆE I ZAPTIVENOSTI SPOJA.

ATTENTION

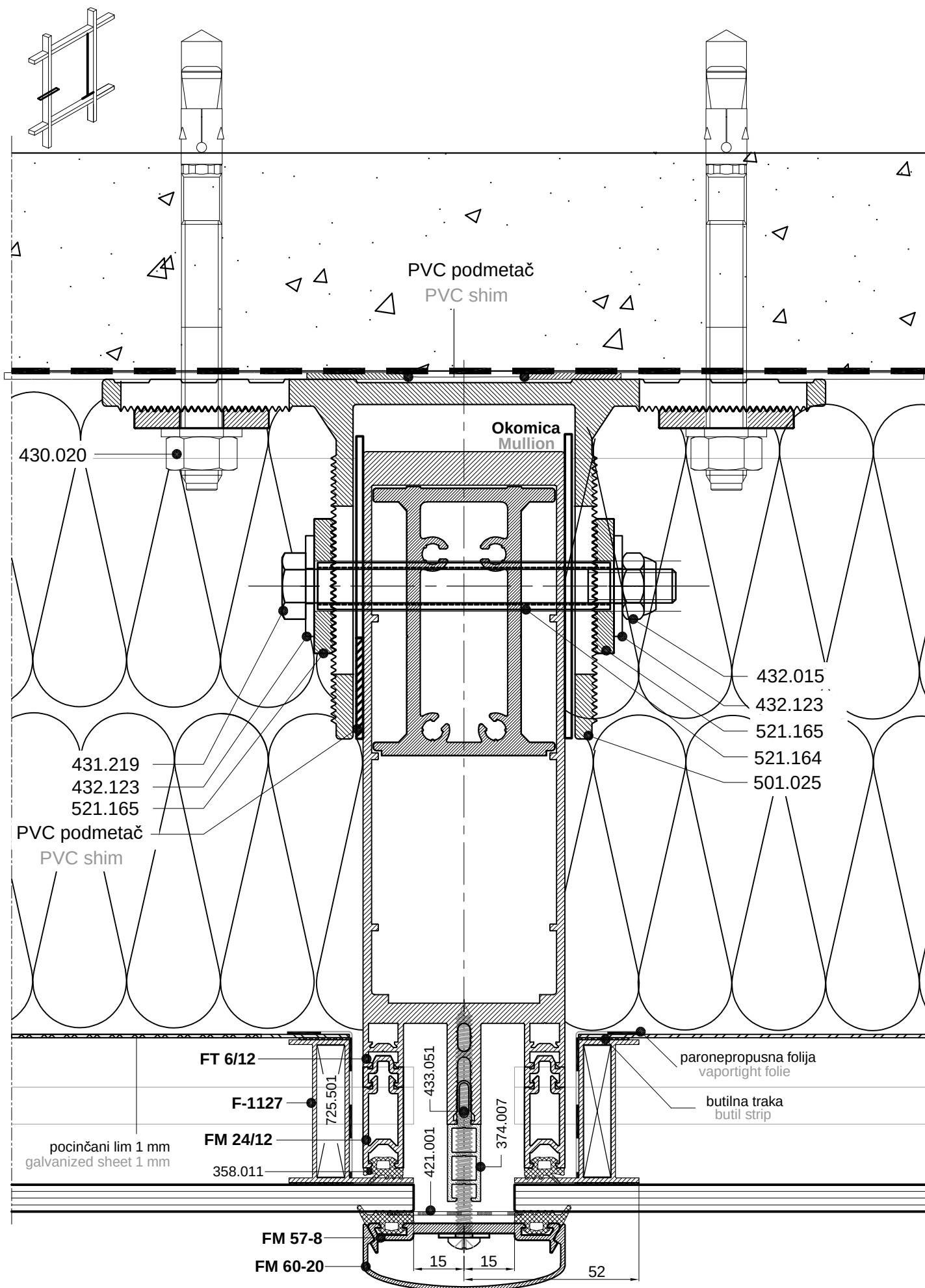
BY ASSEMBLY OF FRAME AND SASH, ON CONNECTIONS OF PROFILES AND CORNER JOINTS ALL THE CONTACT SURFACES (PROFILE-PROFILE AND PROFILE-CORNER JOINT) MUST BE GLUEAD AND FILLED WITH TWO COMPONENT SEALANT FOR BETTER FIRMNESS AND SEALING.

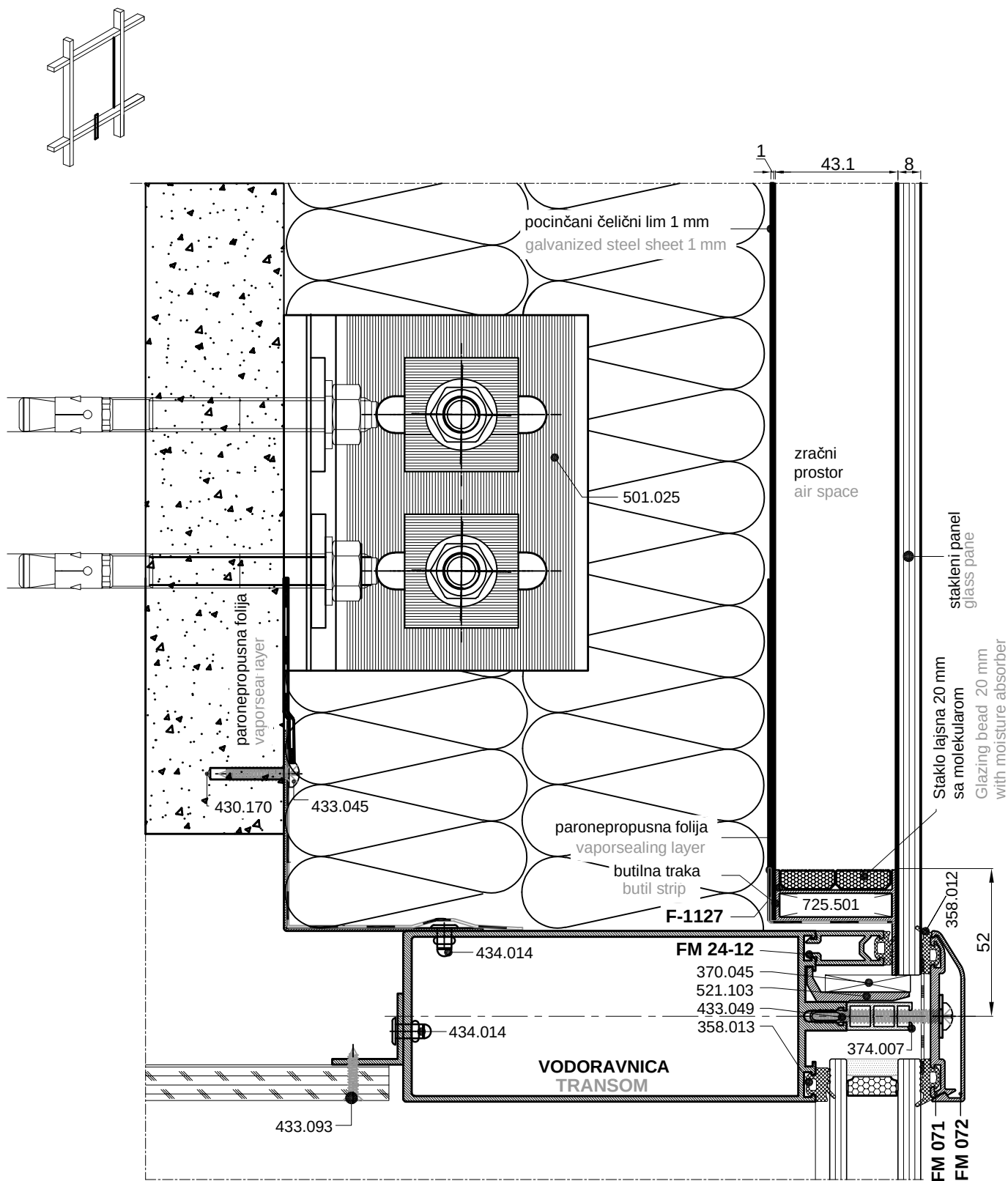
IZVOD KAPLJEVINA IZ KROVNOG PROZORA
ROOF WINDOW DRAINAGE



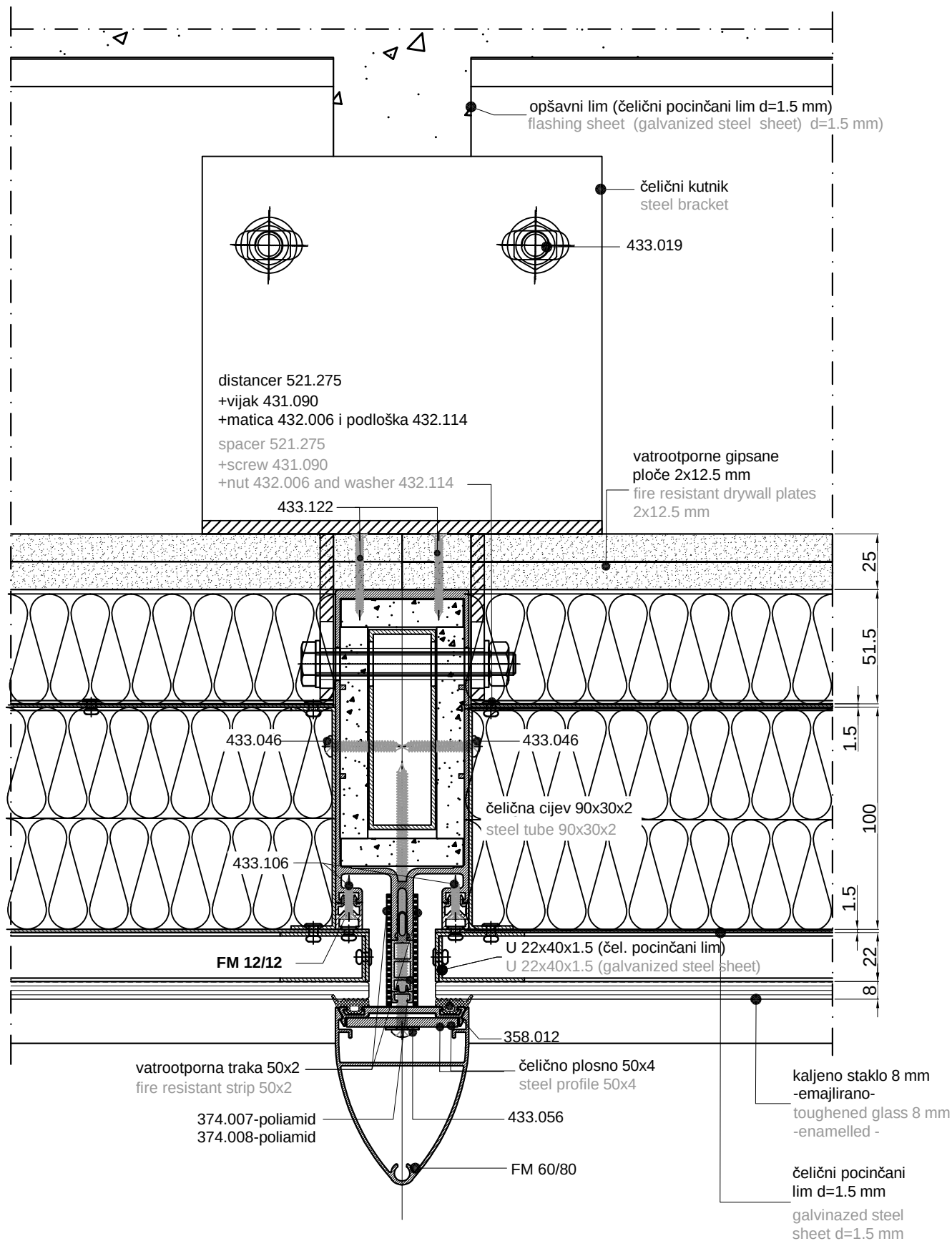
IZVOD KAPLJEVINA IZ KROVNOG PROZORA
ROOF WINDOW DRAINAGE

HIDROIZOLACIJA (BUTILNA TRAKA SA AL FOLIJOM
- SPOJEVE OBAVEZNO LIJEPITI
HYDROISOLATION (BUTYL STRIP WITH AL FOLIE)
CONNECTIONS MUST BE SEALED





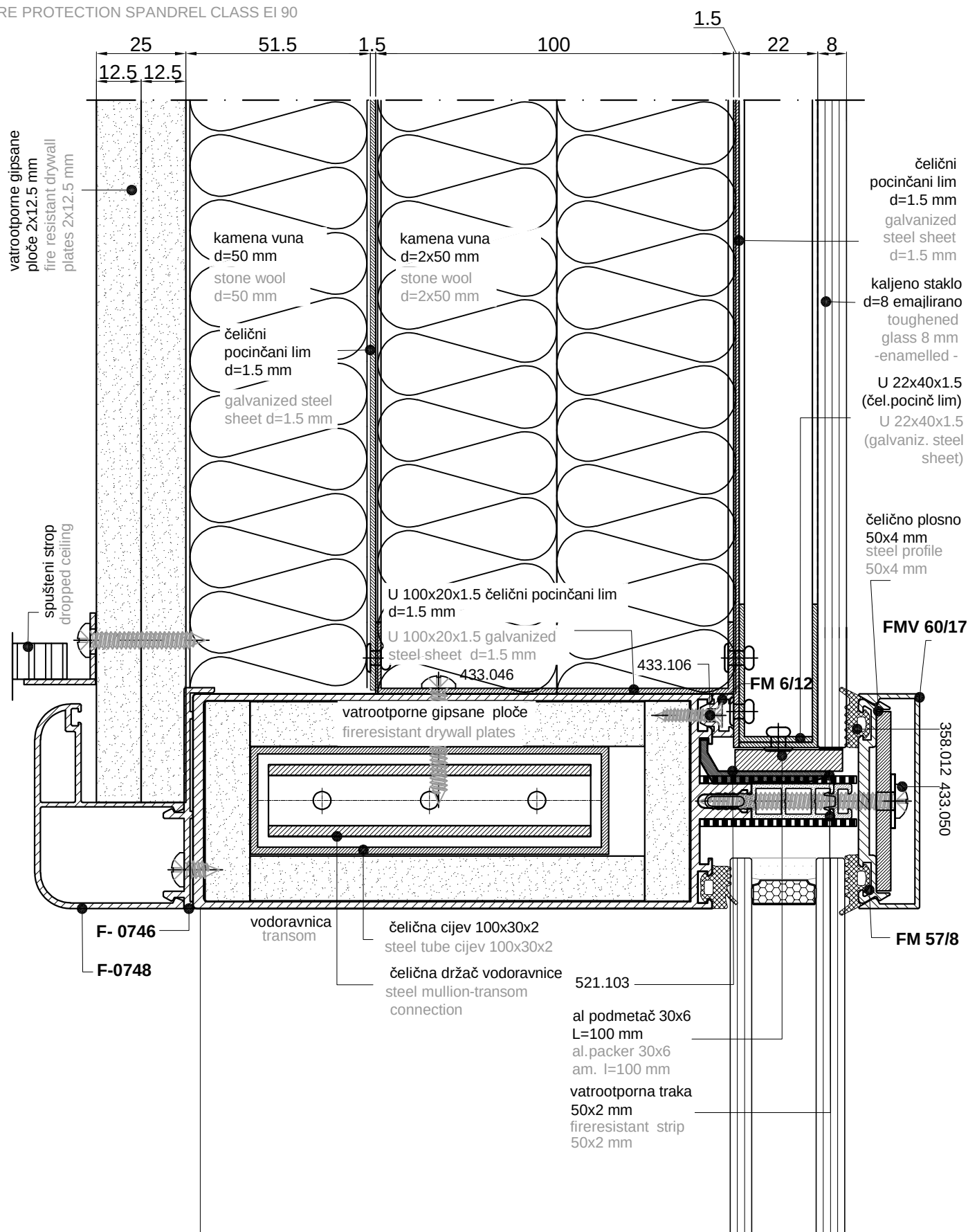
PROTUPOŽARNI PARAPETNI DIO FASADE RAZRED EI 90
FIRE PROTECTION SPANDREL CLASS EI 90



NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM

ATTENTION: ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRERESISTANT SILICONE SEALANT

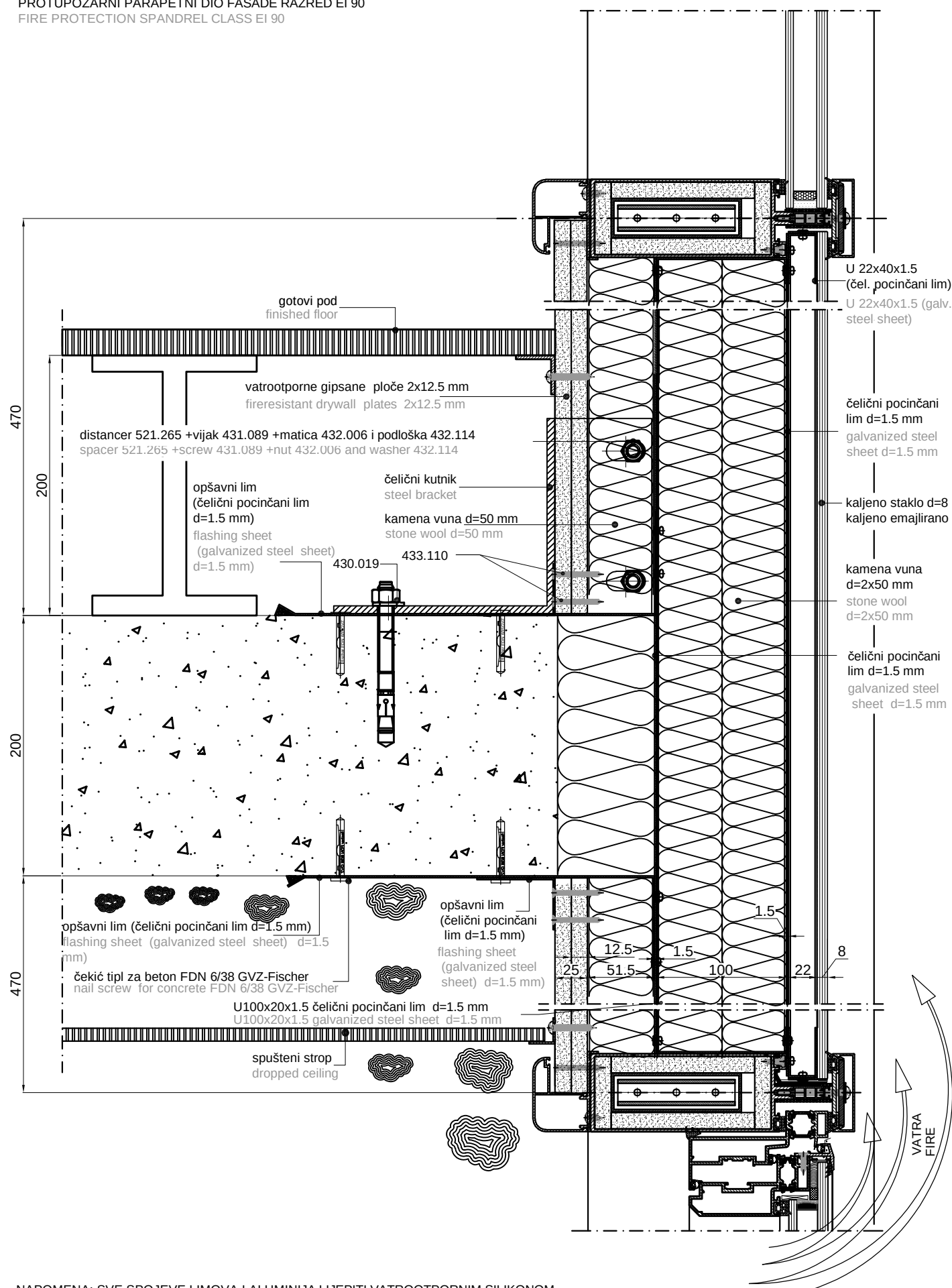
PROTUPOŽARNI PARAPETNI DIO FASADE RAZRED EI 90
FIRE PROTECTION SPANDREL CLASS EI 90



NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM

ATTENTION: ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRE RESISTANT SILICONE SEALANT

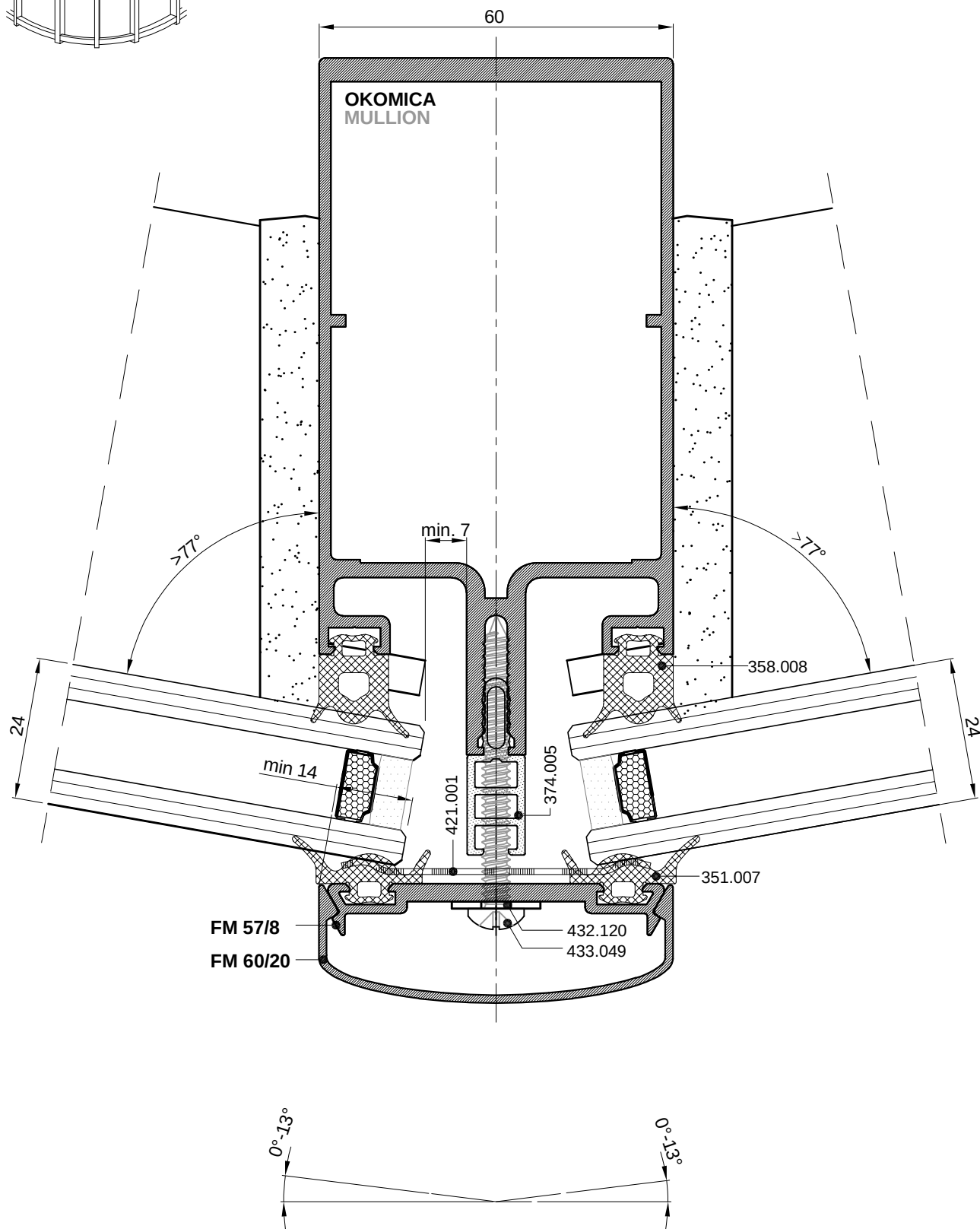
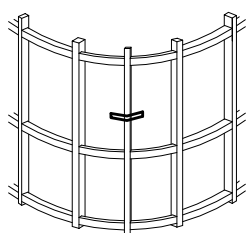
PROTUPOŽARNI PARAPETNI DIO FASADE RAZRED EI 90
FIRE PROTECTION SPANDREL CLASS EI 90

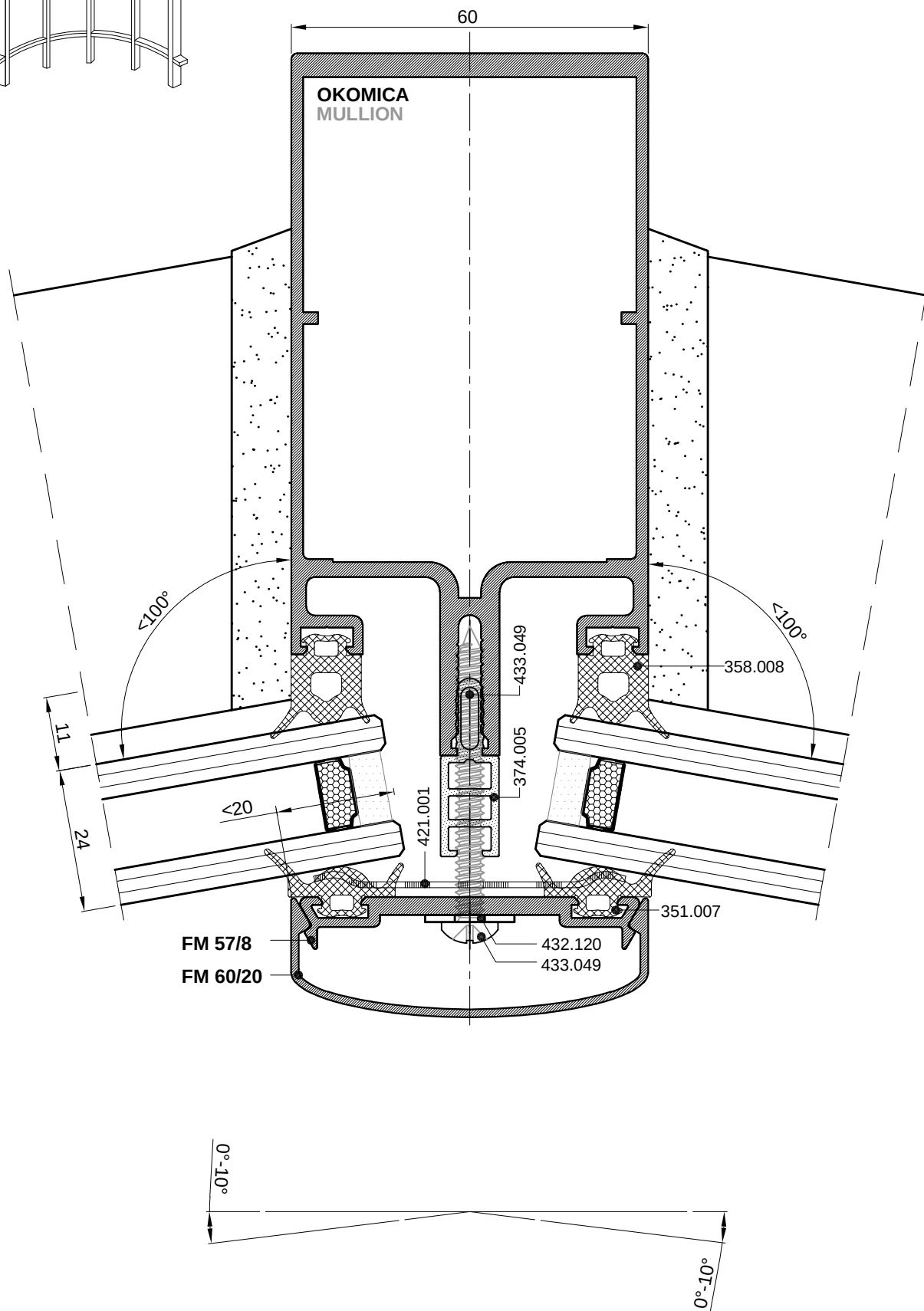
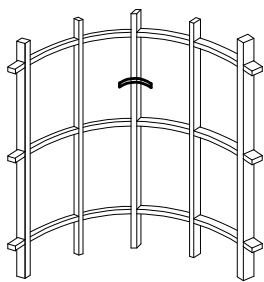


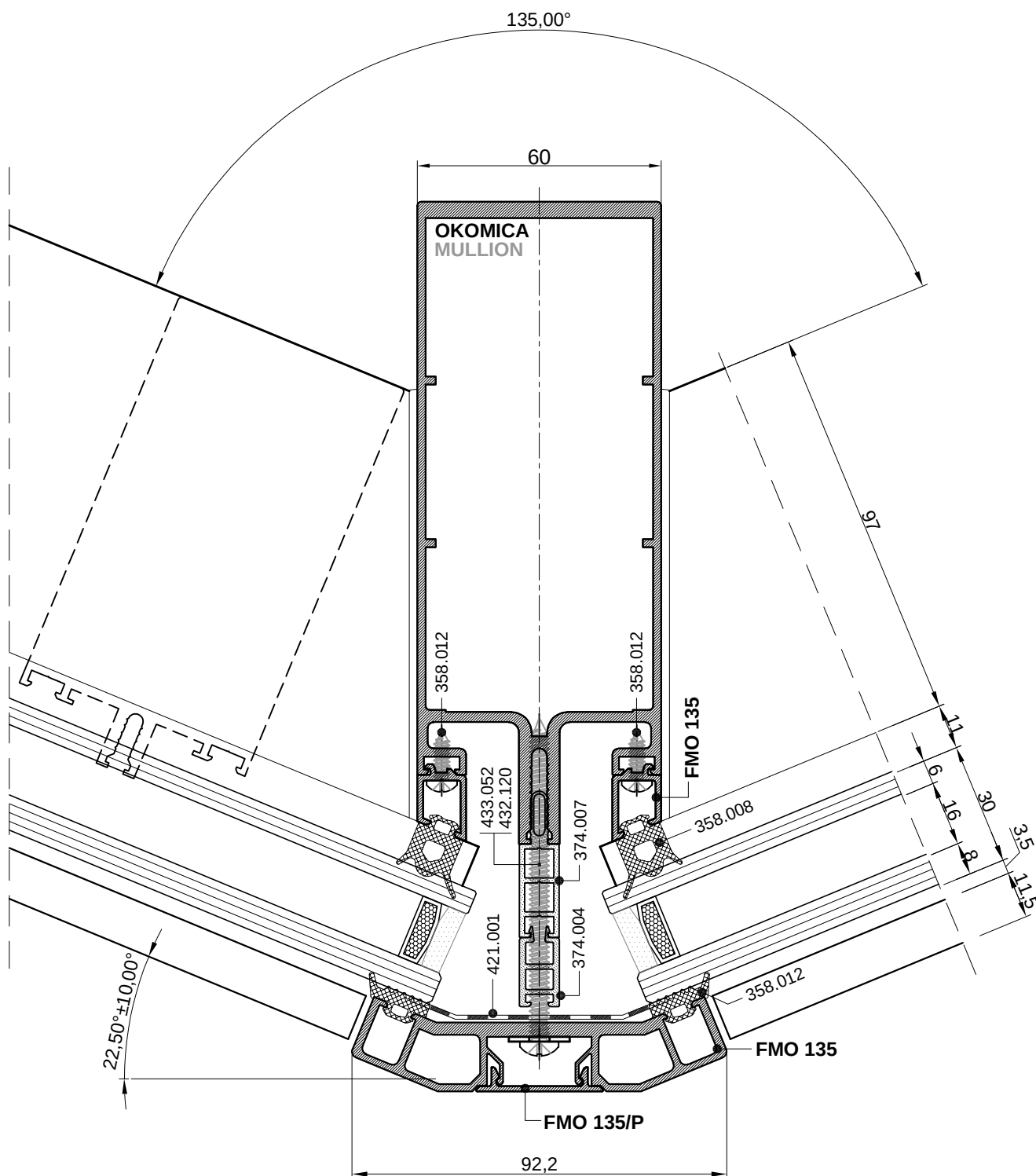
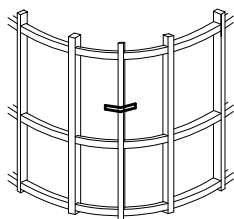
NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM

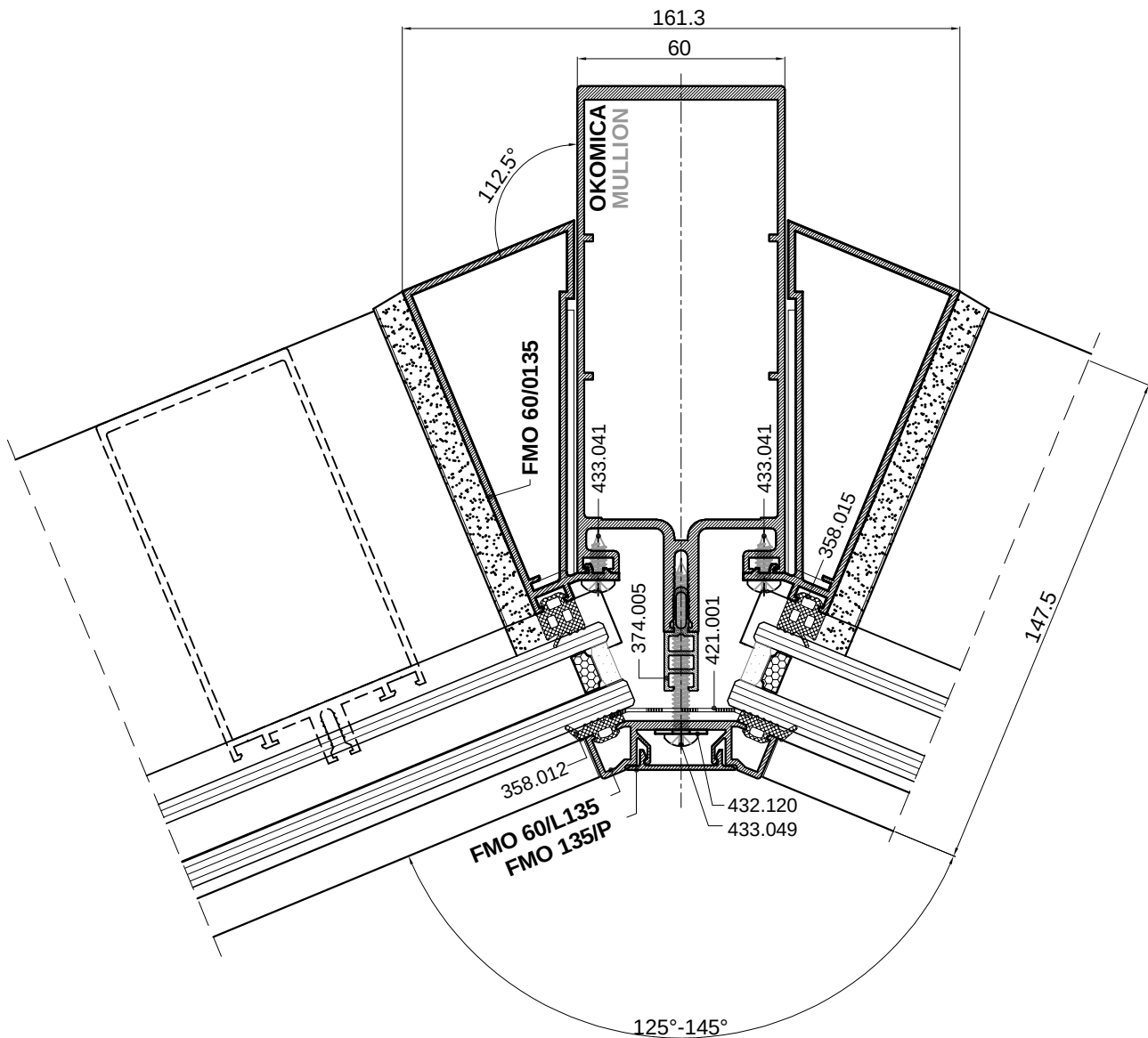
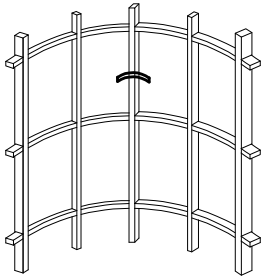
ATTENTION: ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRE RESISTANT SILICONE SEALANT





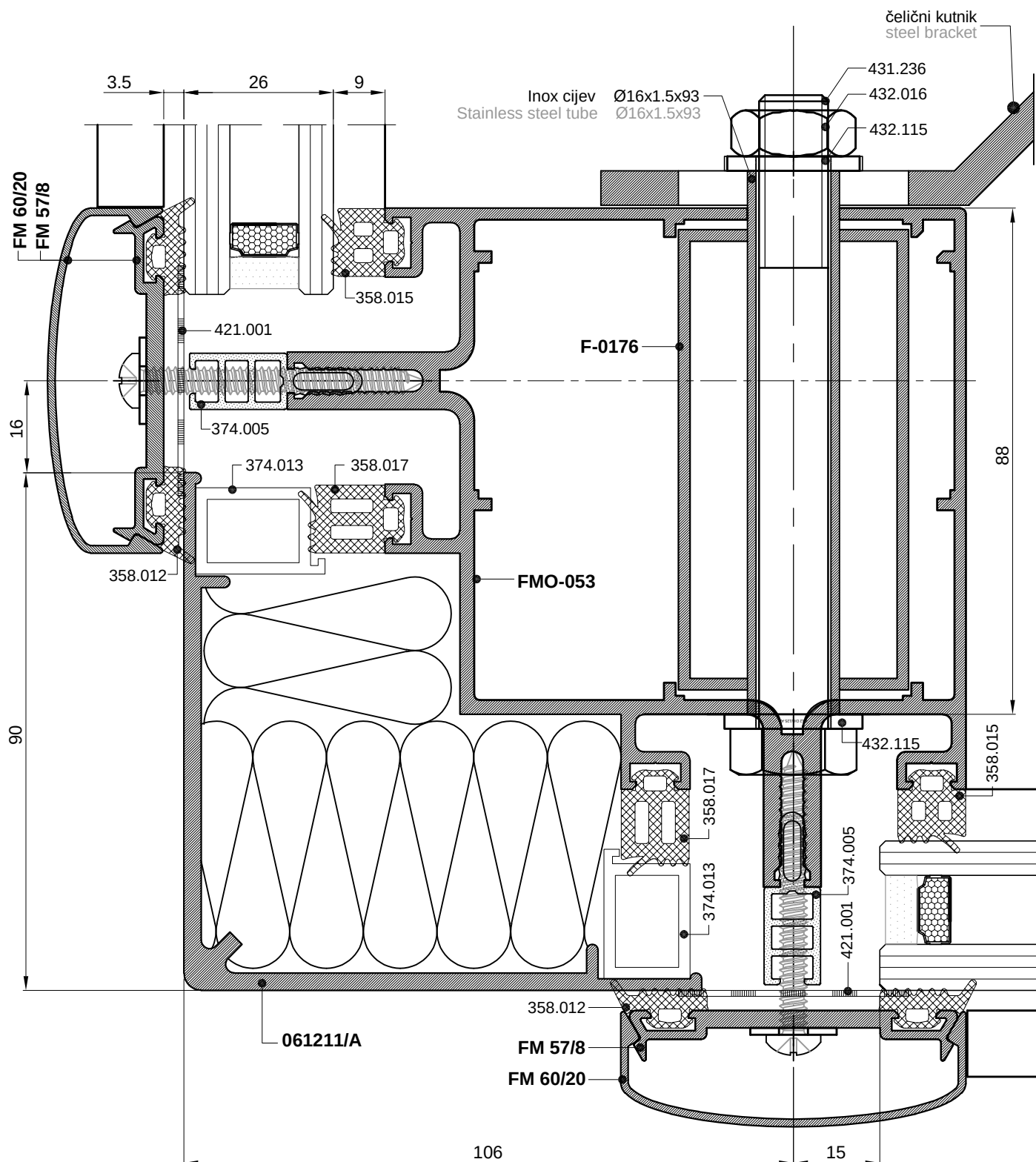
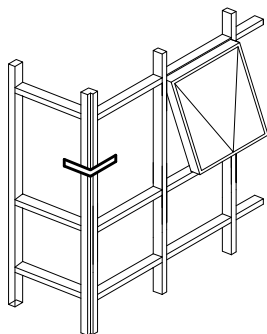


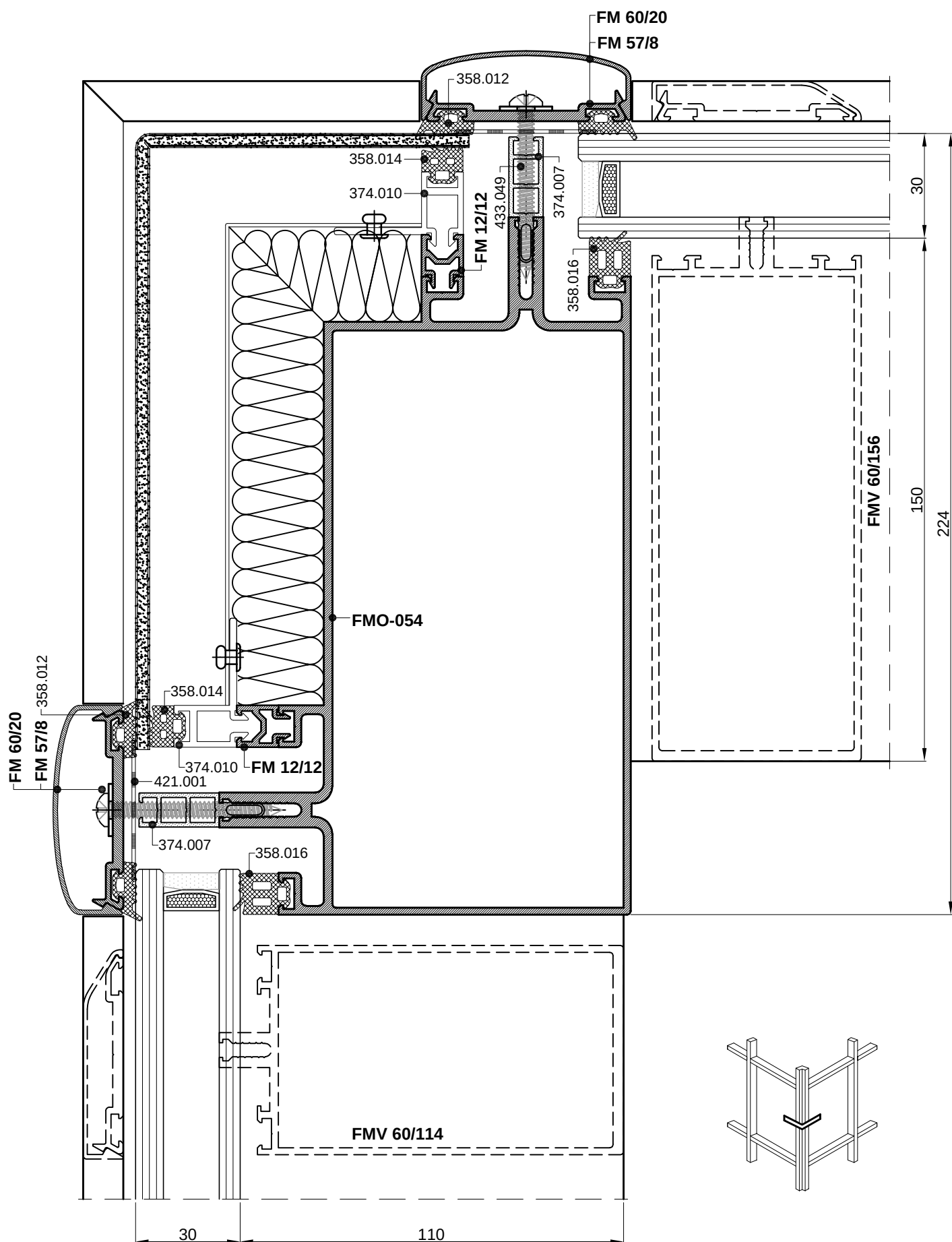


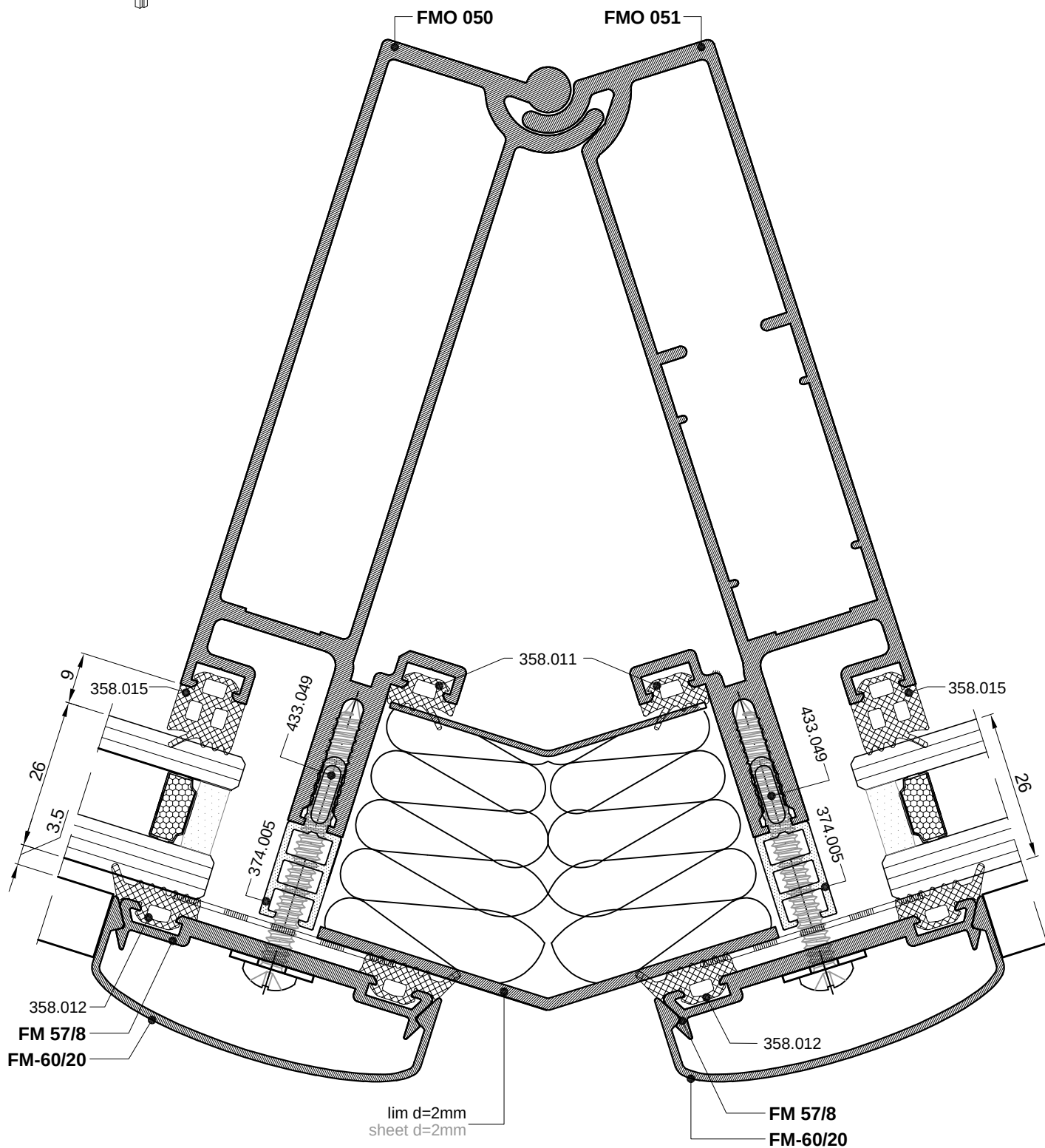
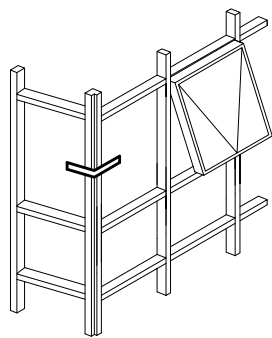


ZAMIJENOM FASADNE BRTVE 358.015 ZA 358.008
i 358.012 ZA 351.007
KUT JE 22.5 ± 10 stupnjeva

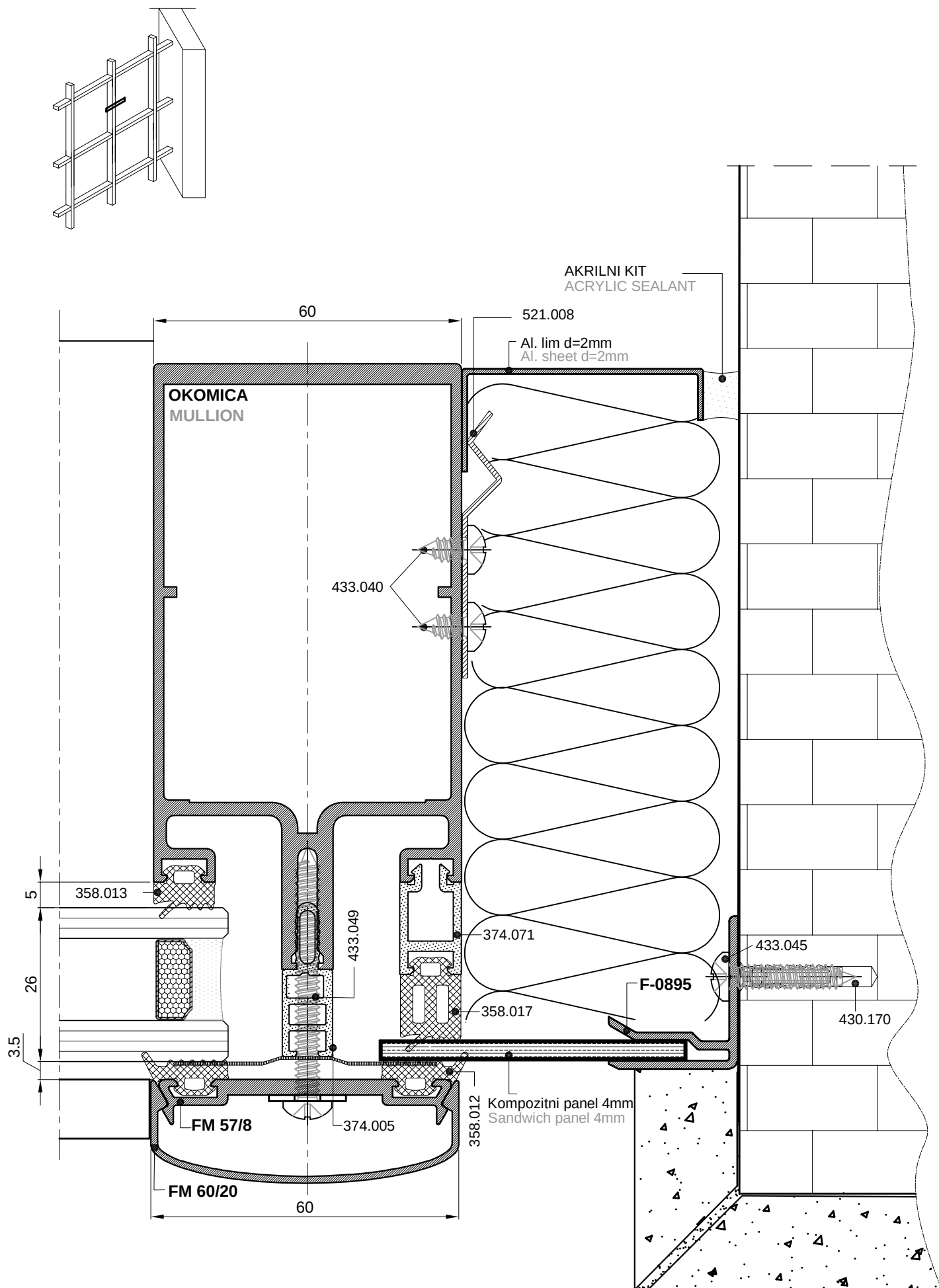
BY REPLACING GASKET 358.016 FOR
358.008 AND 358.012 FOR 351.007
ANGLE IS $22.5 \pm 10^\circ$

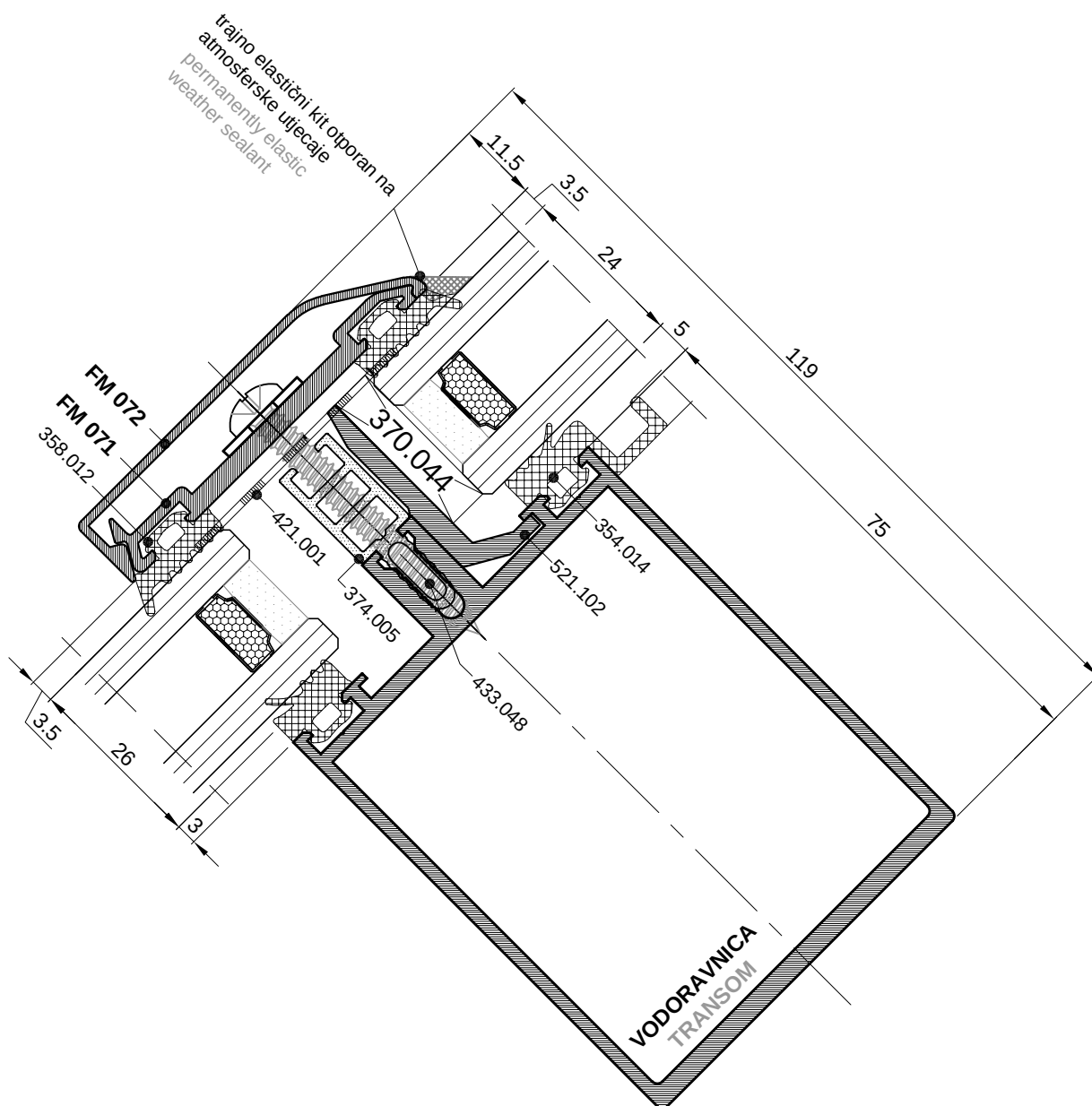
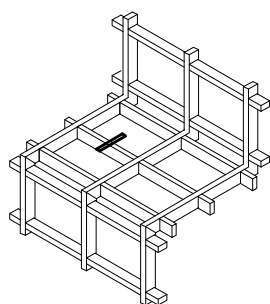


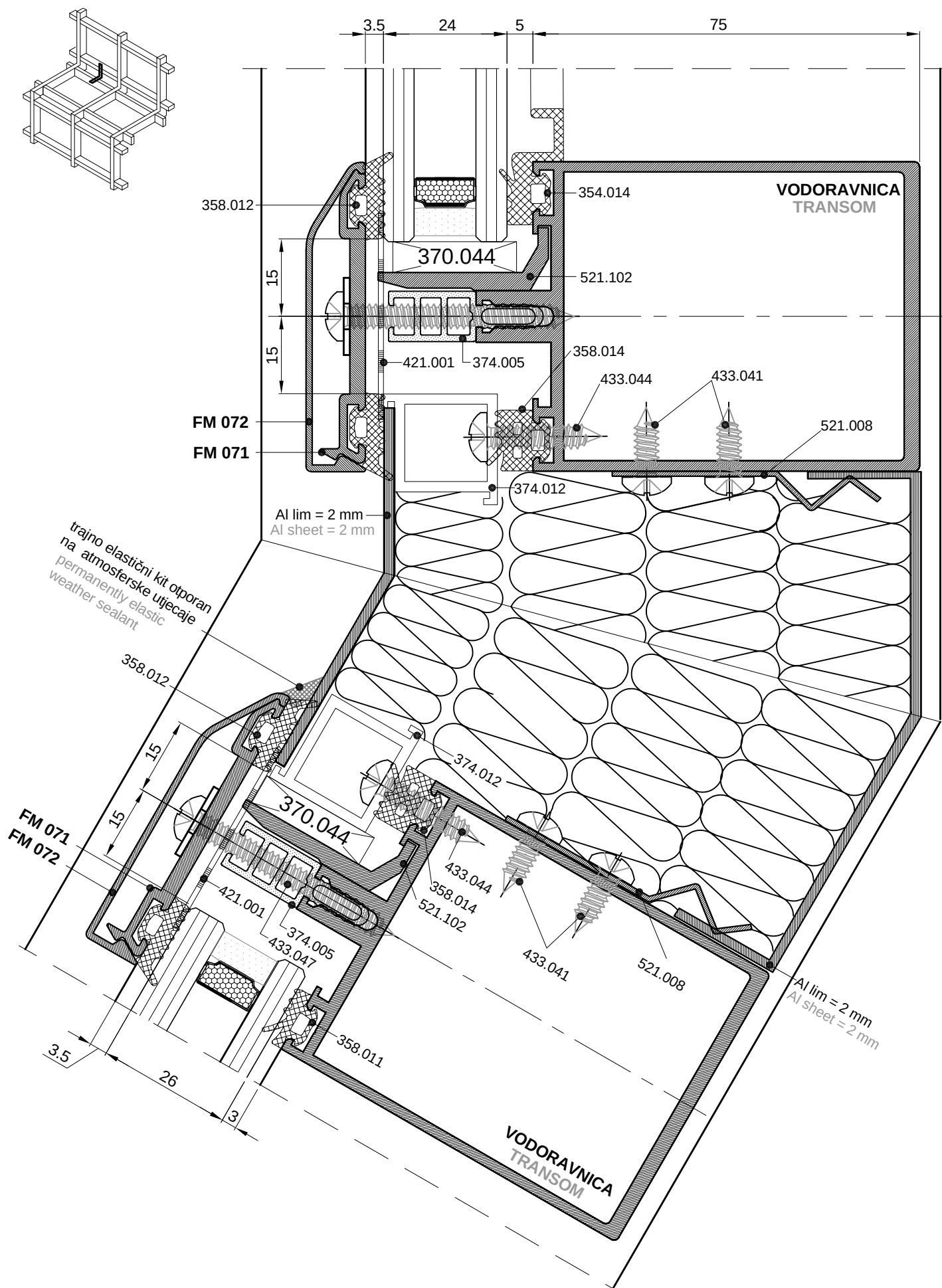


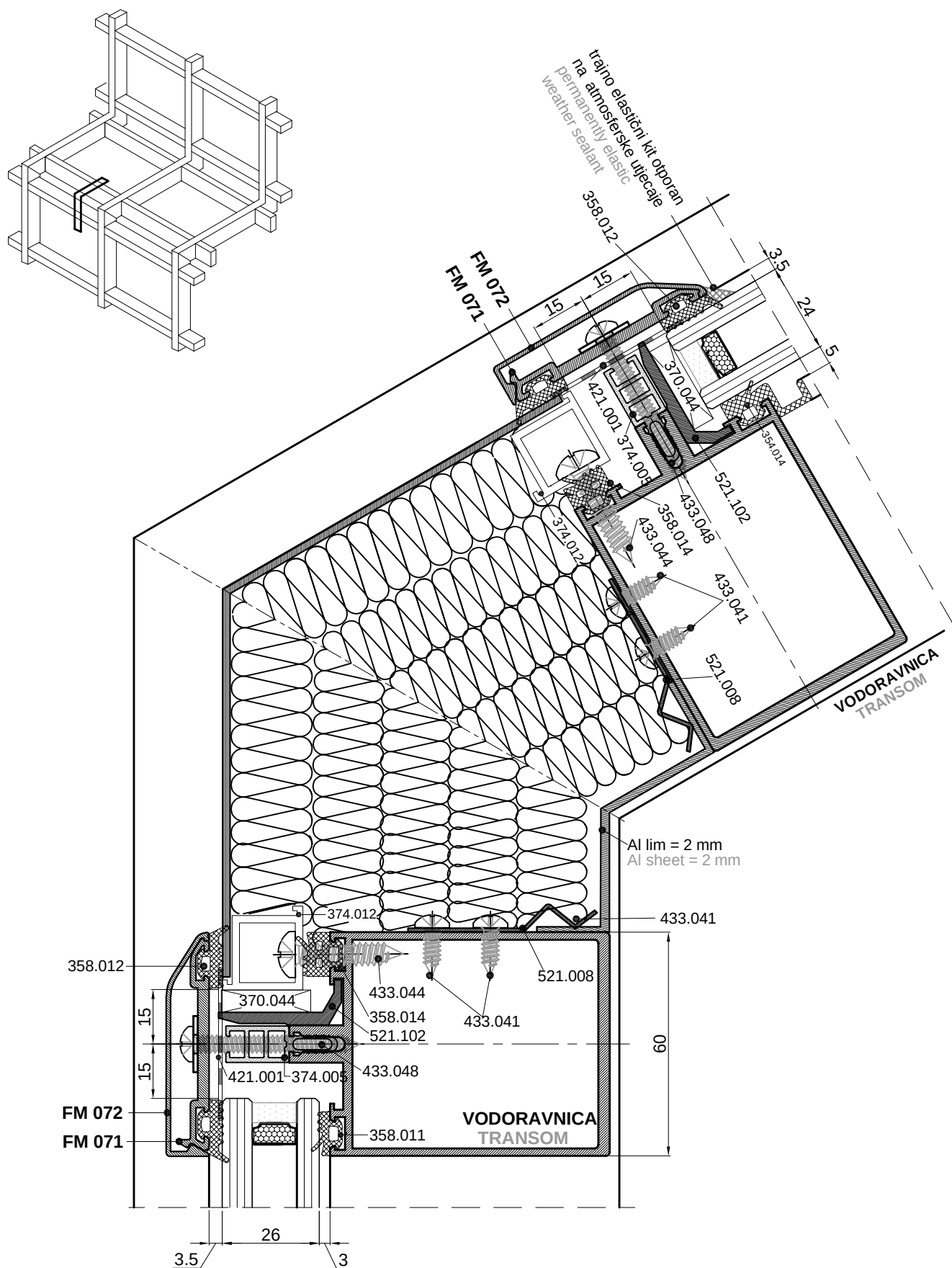


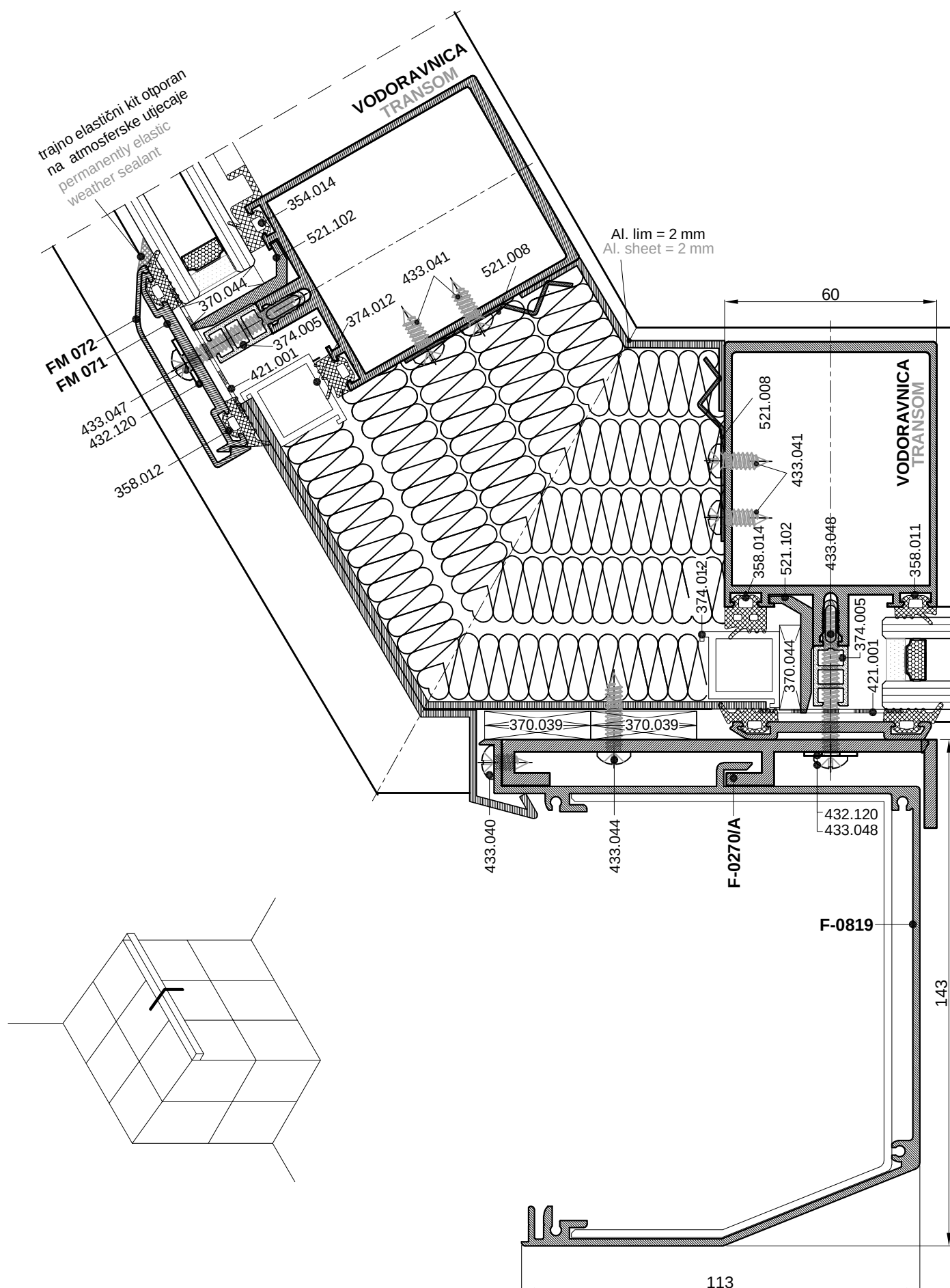


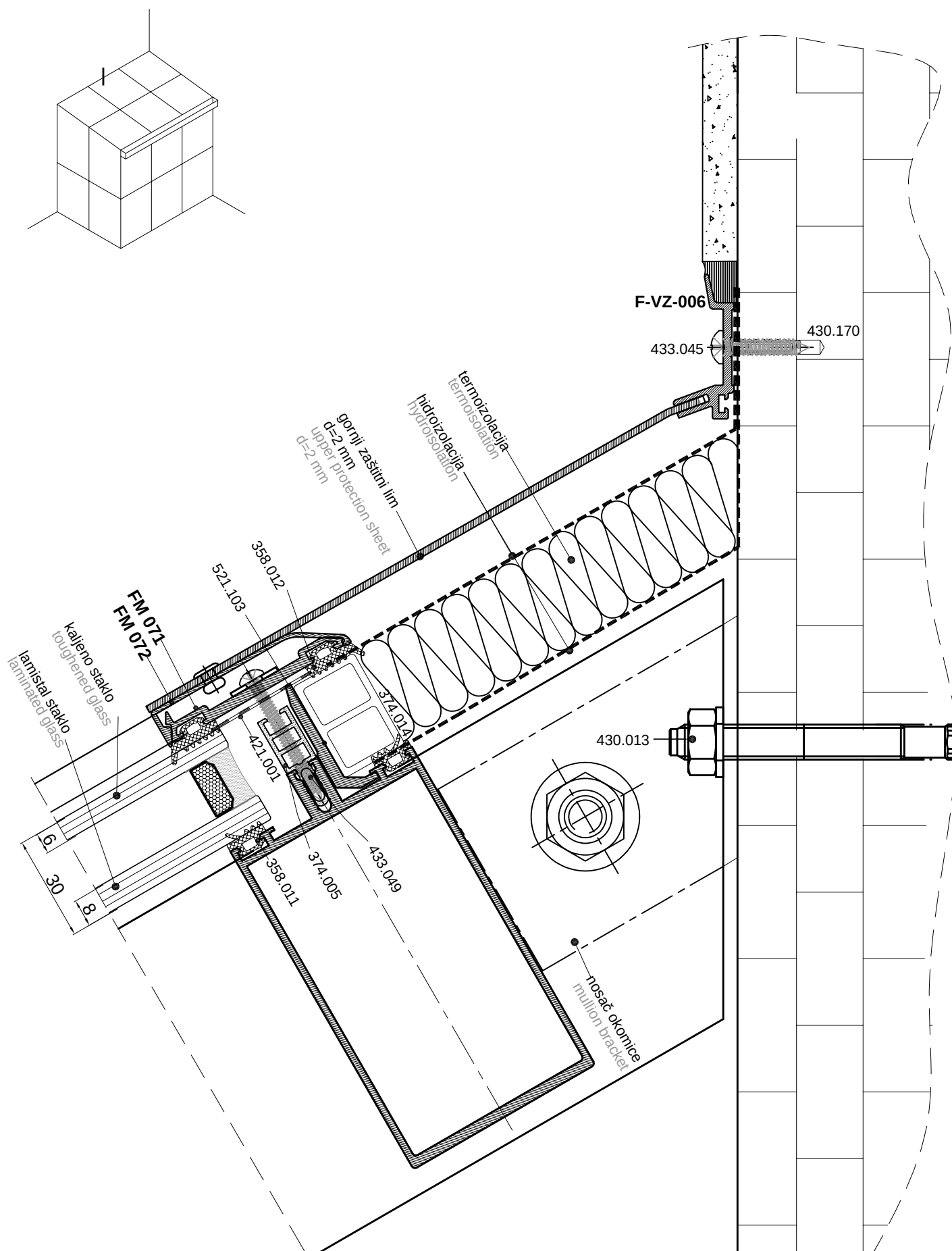


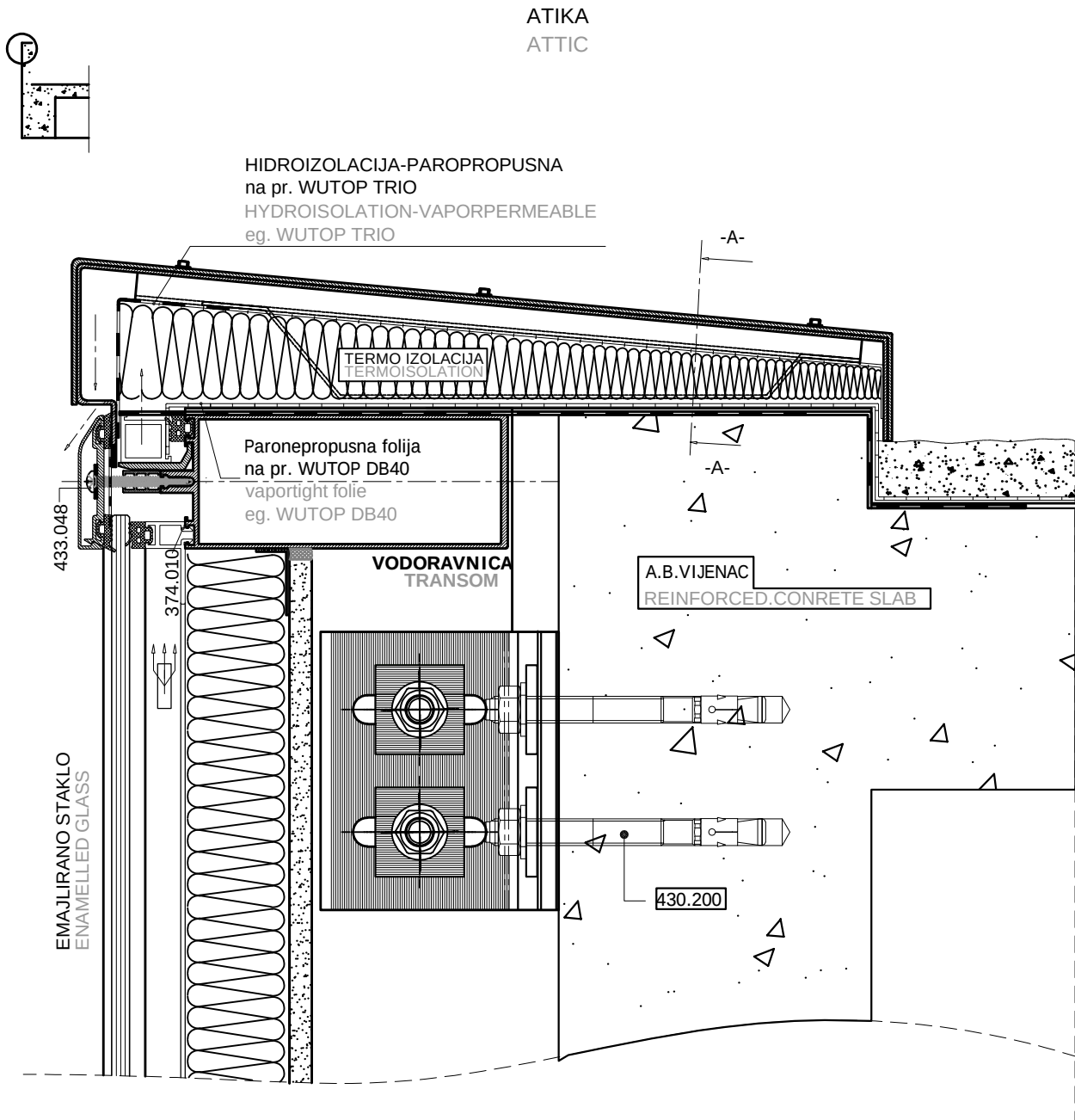




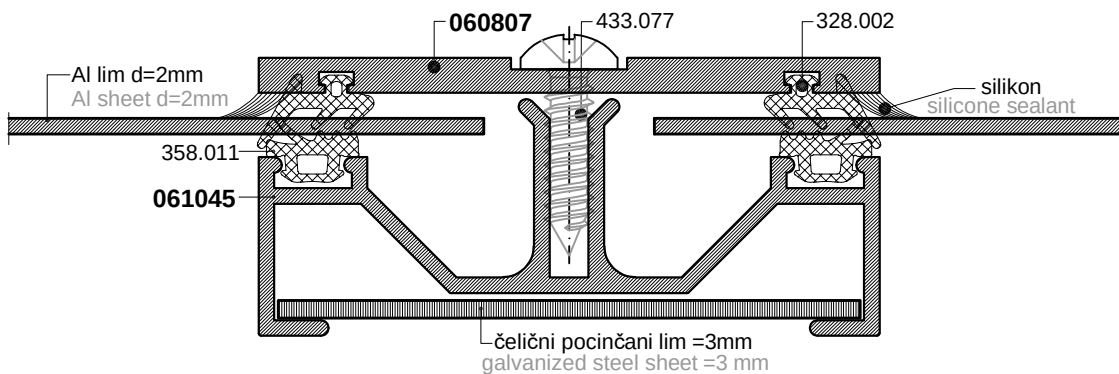


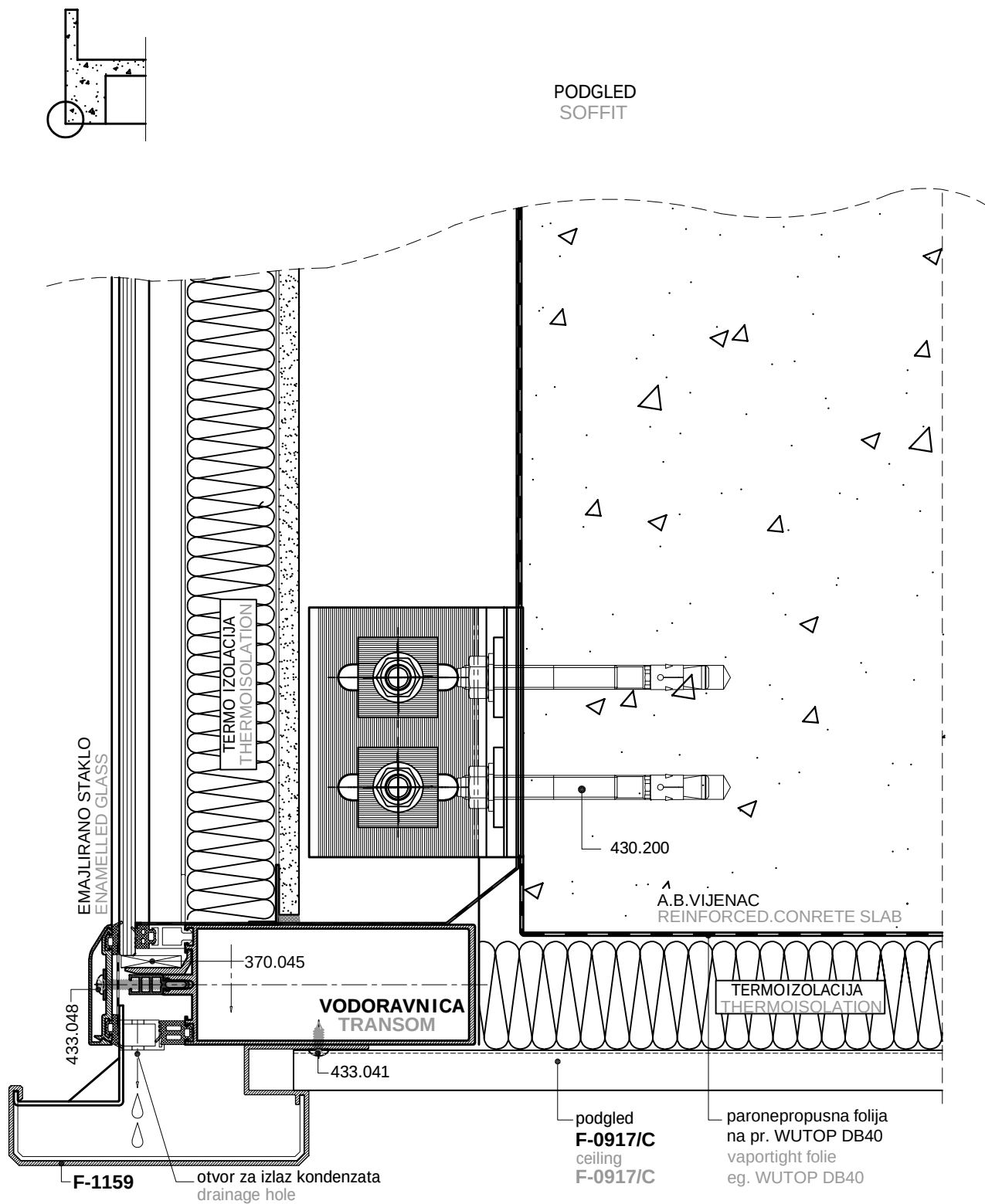


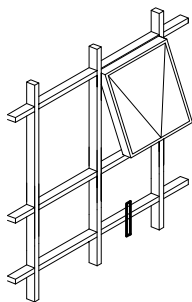




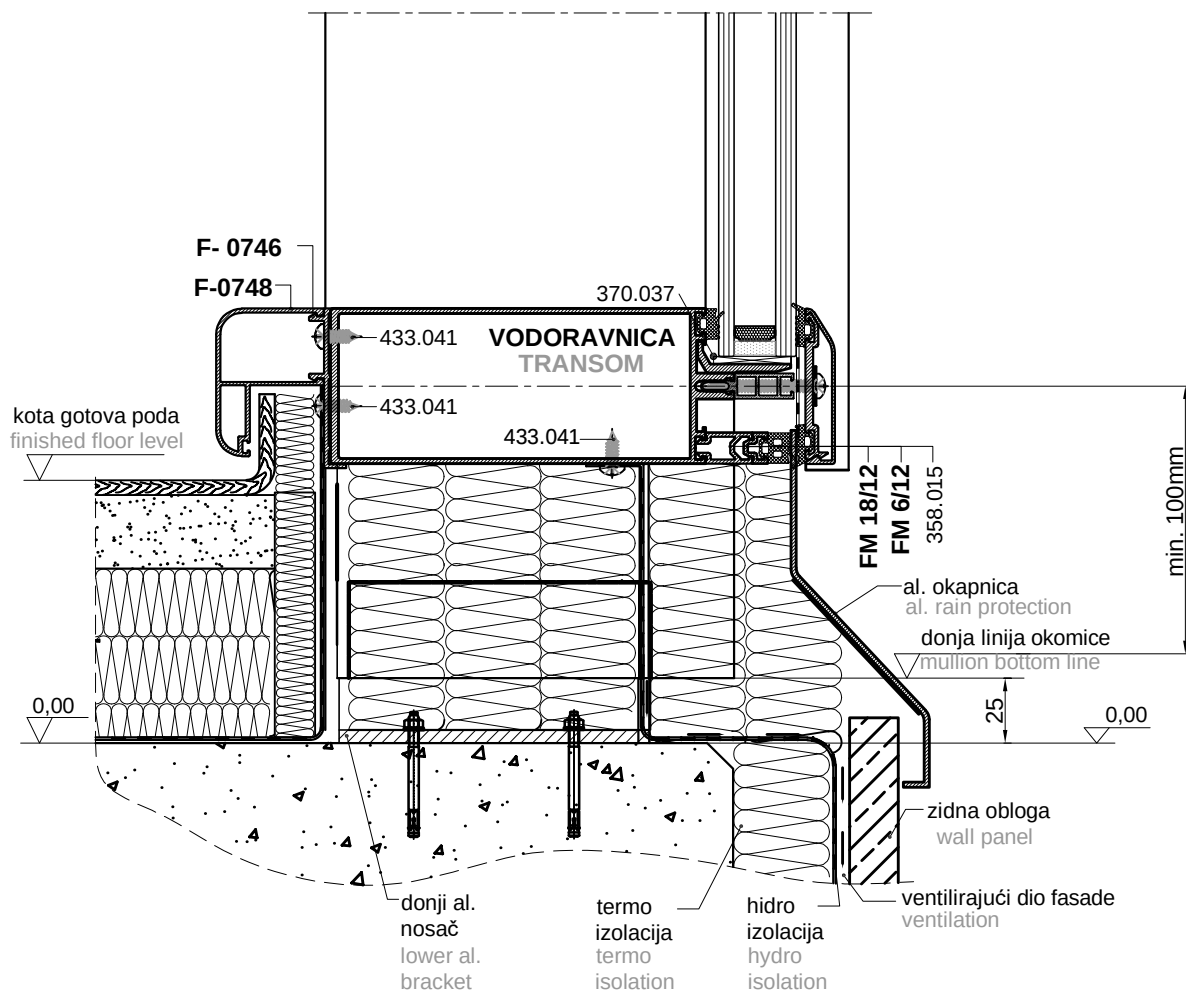
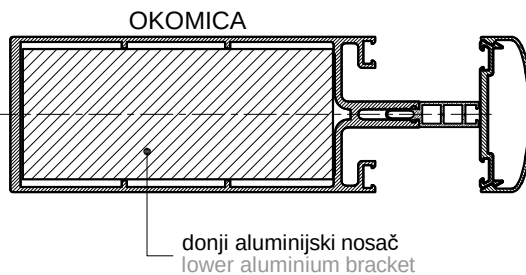
Presjek A-A
Cross section A-A



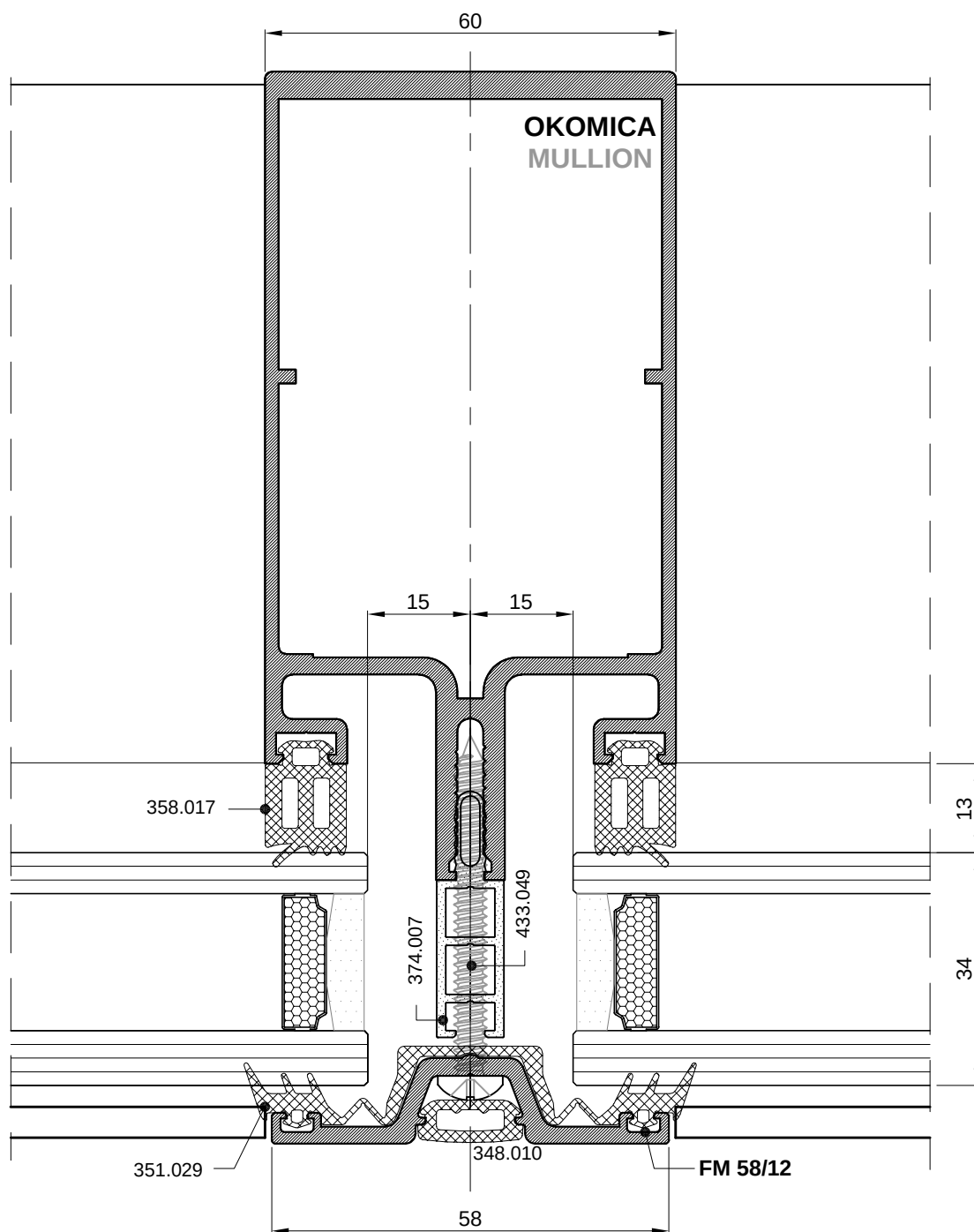
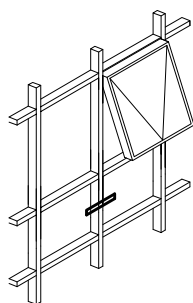


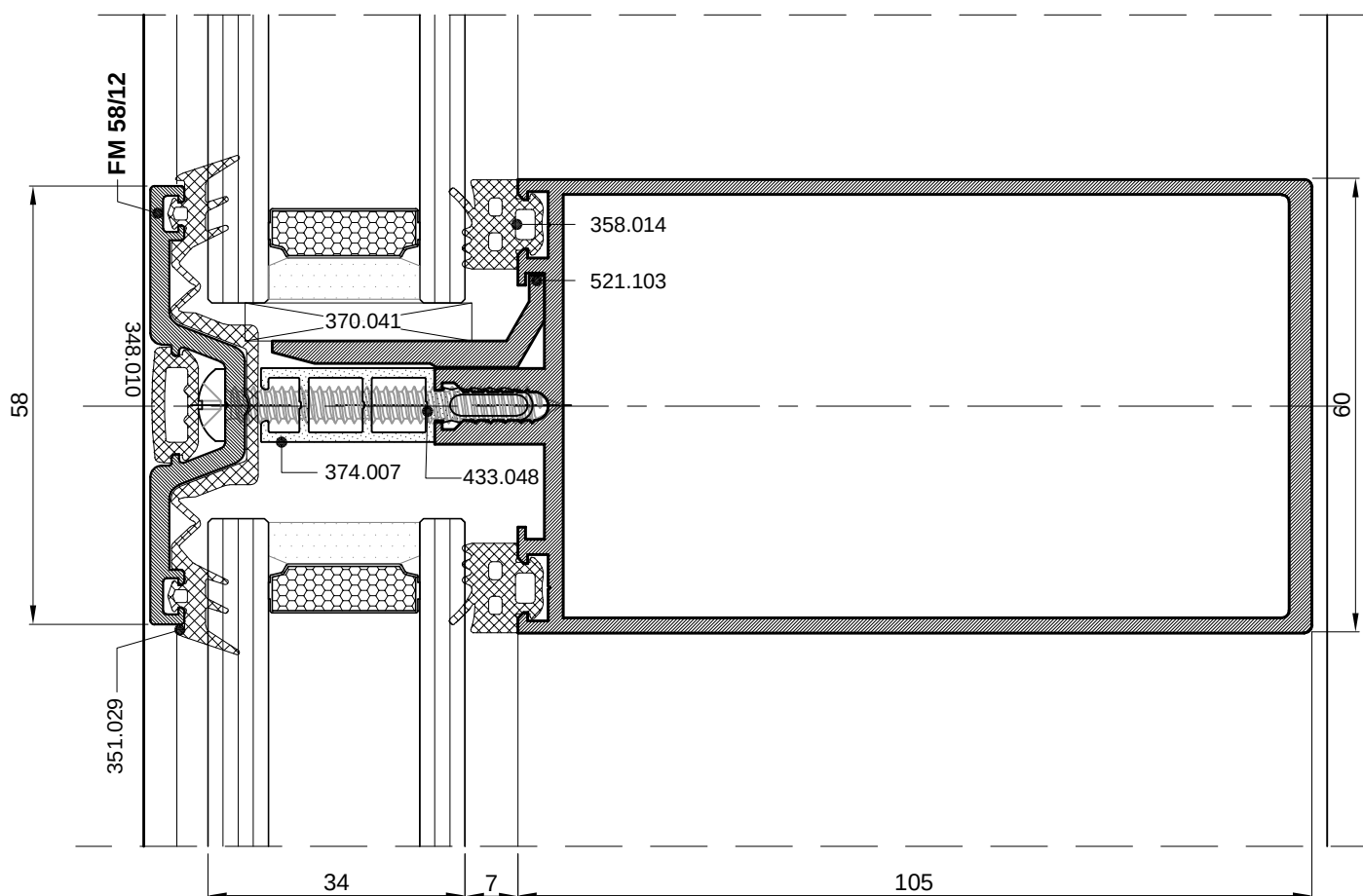
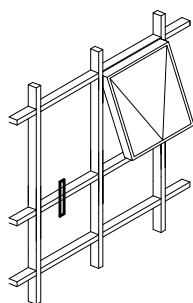


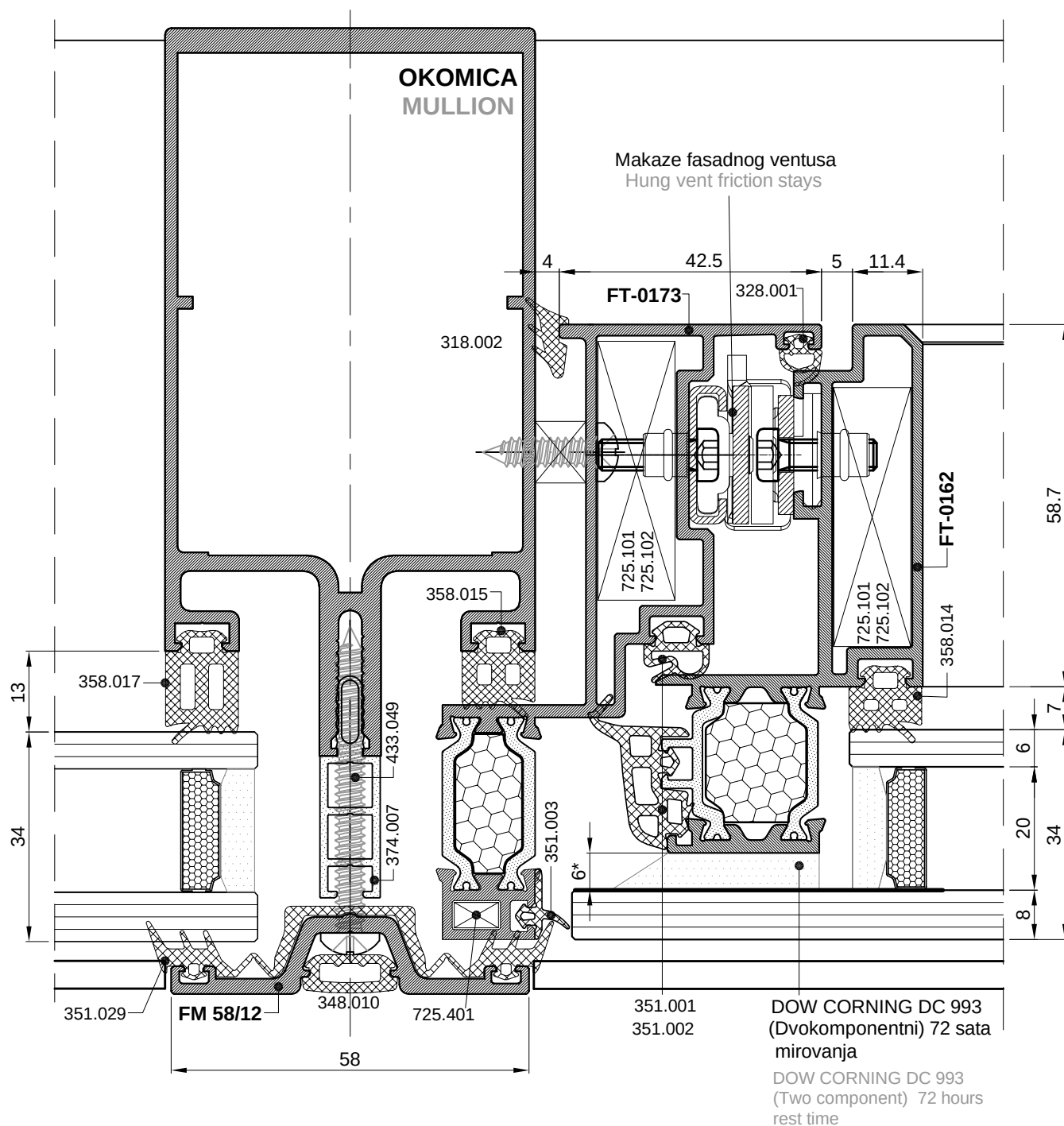
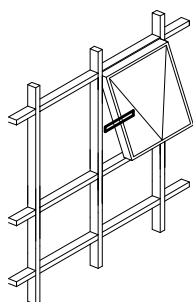
FASADA NA
PARAPETU KOTA 0,00
FACADE
GROUND FLOOR LEVEL 0,00

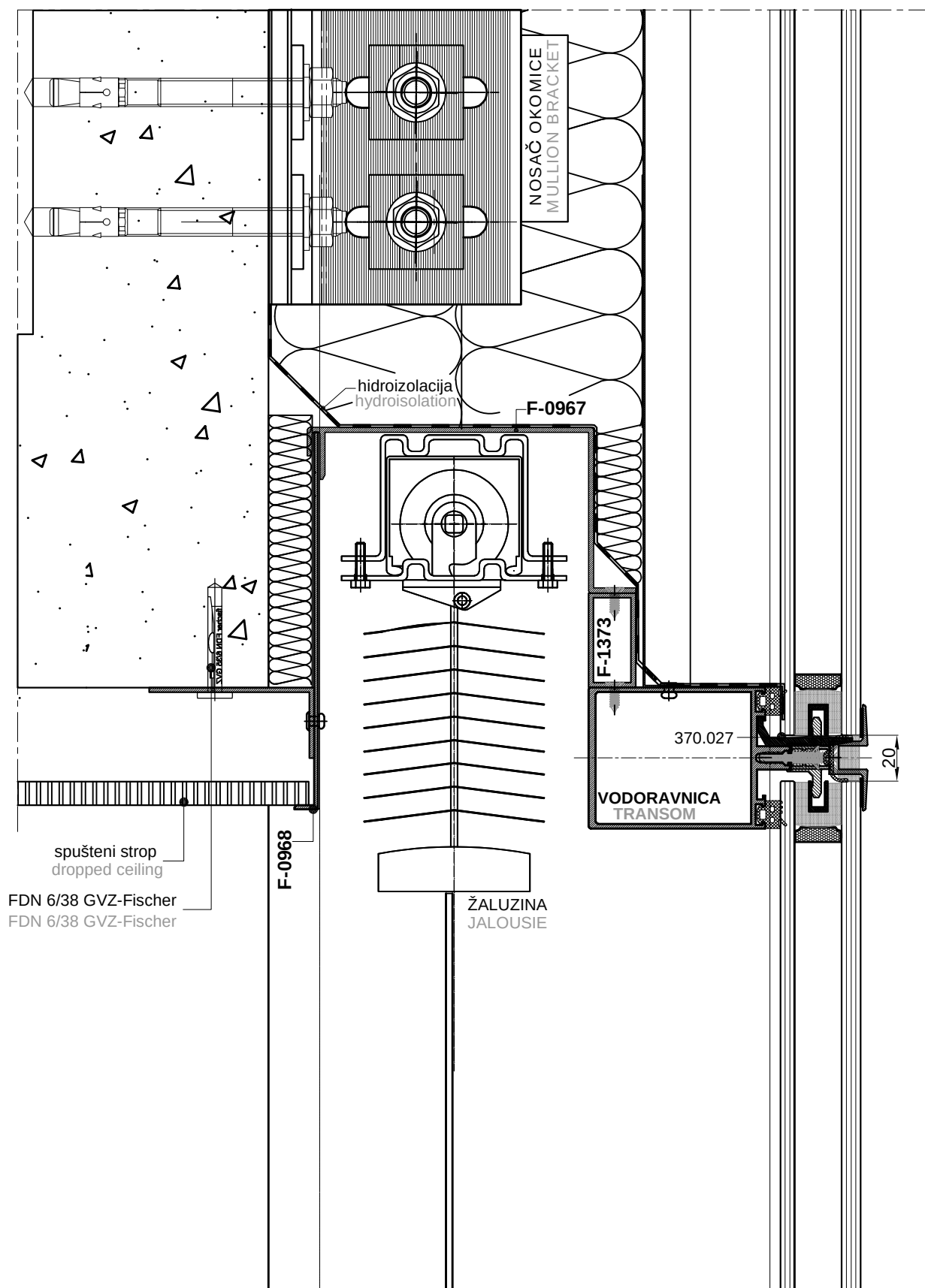


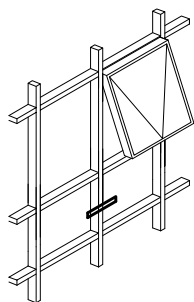




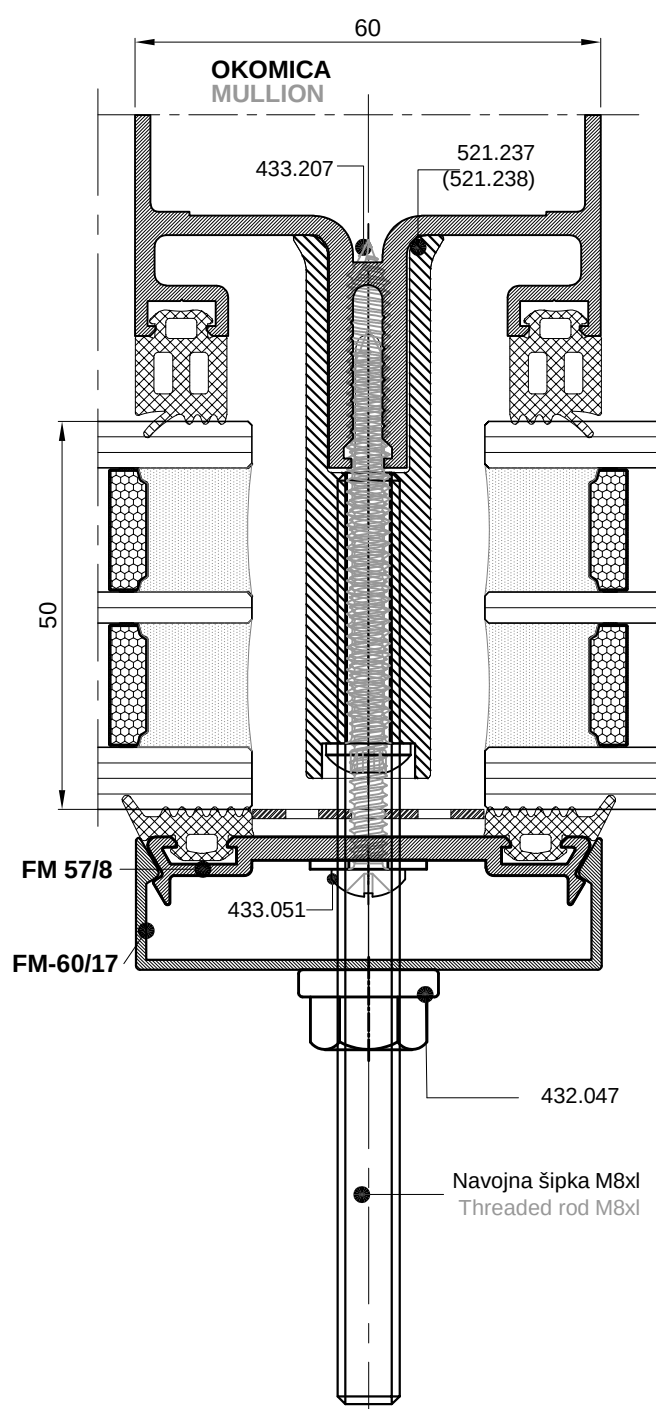
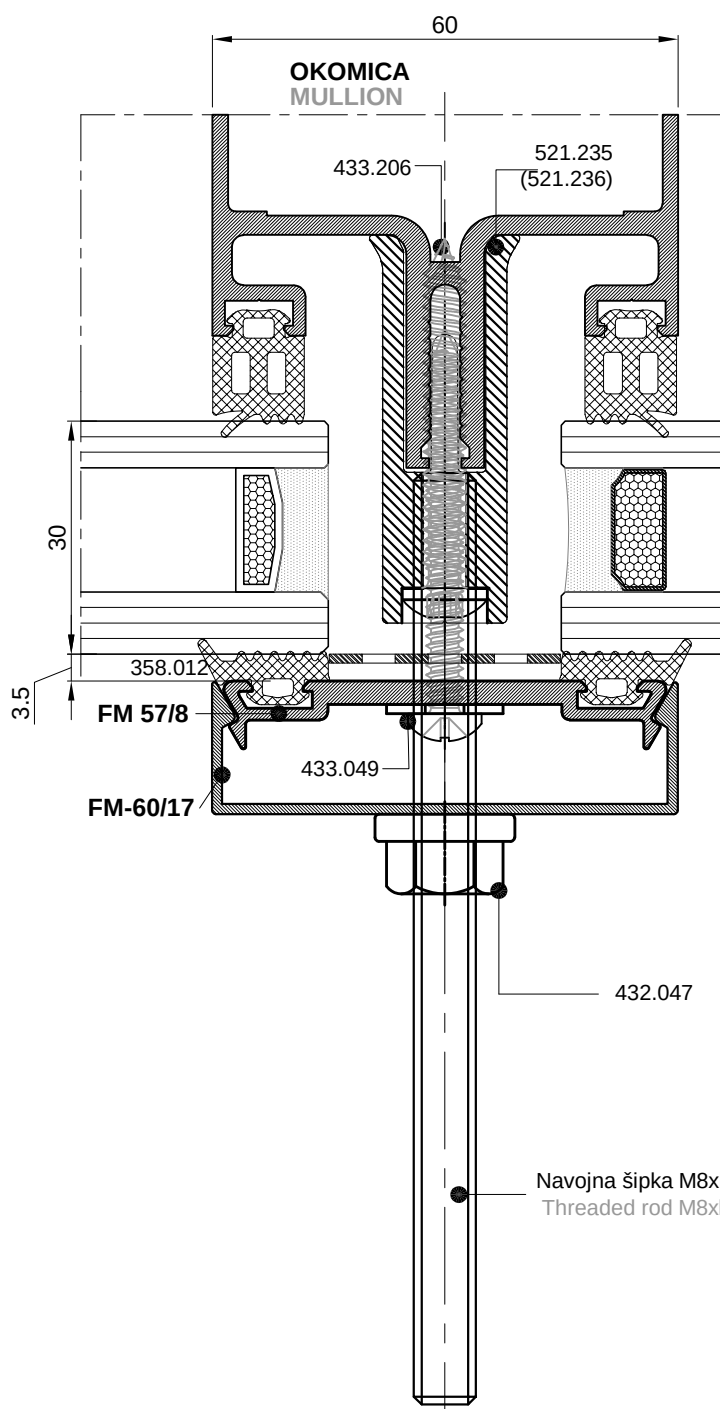
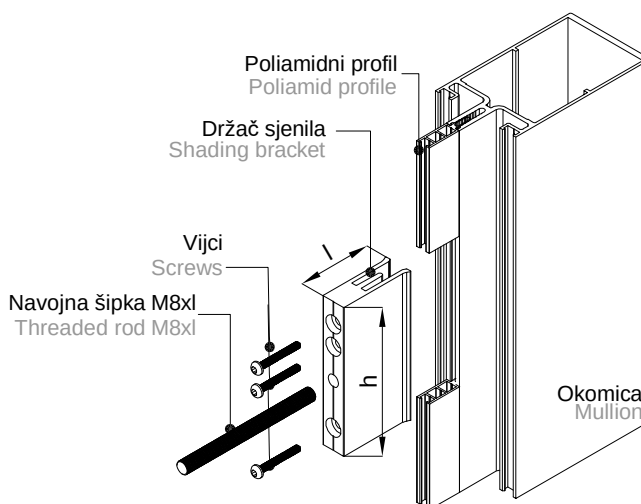


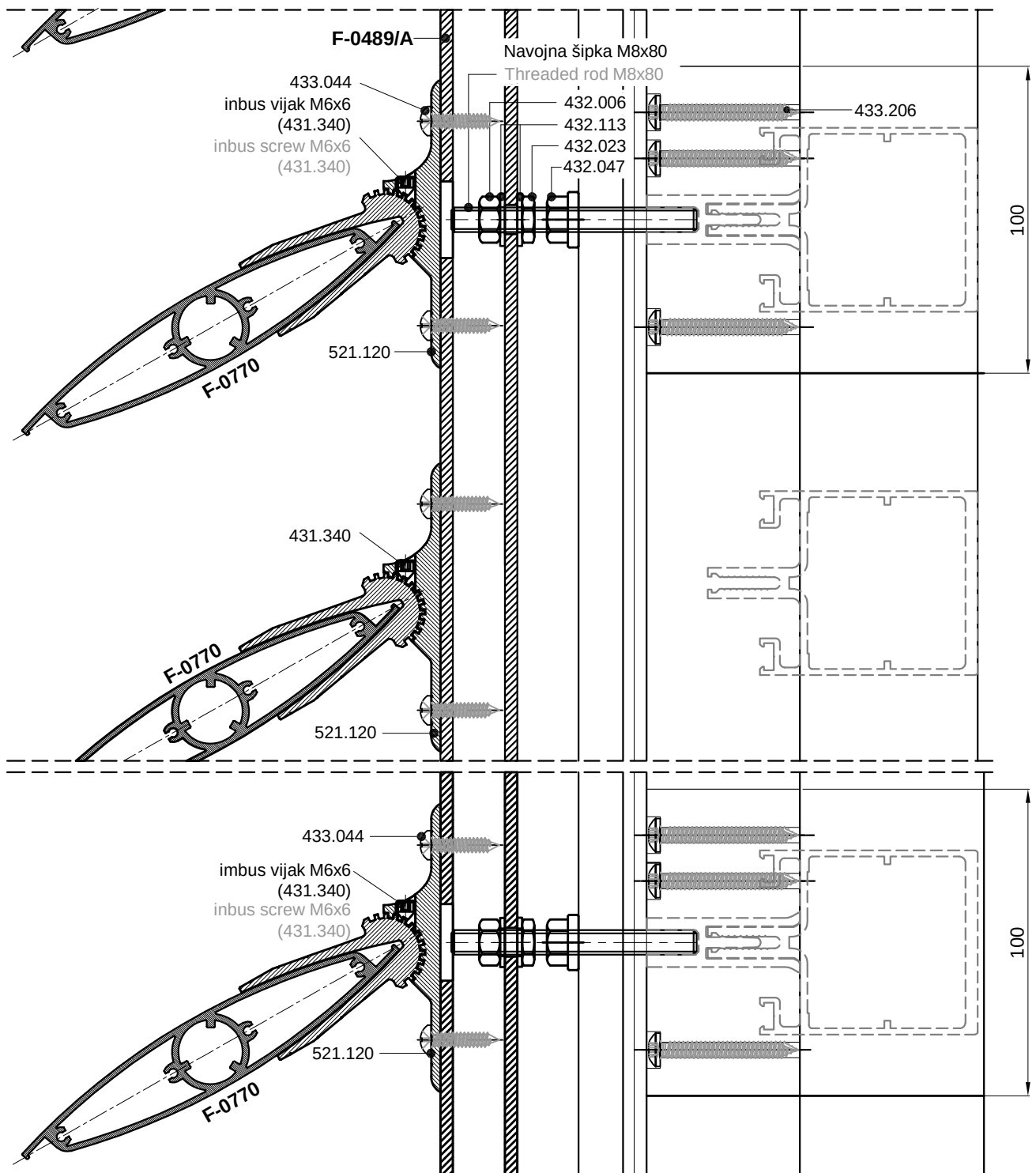
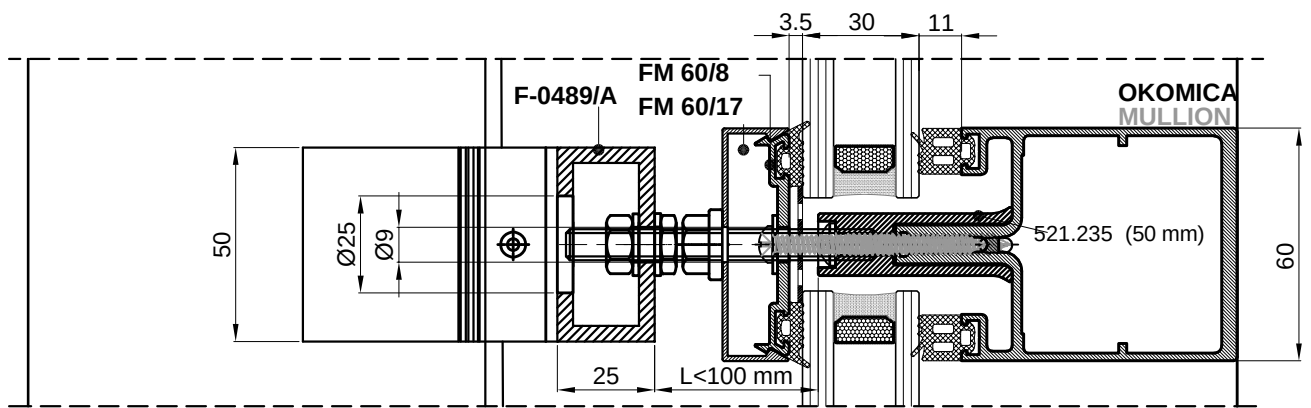


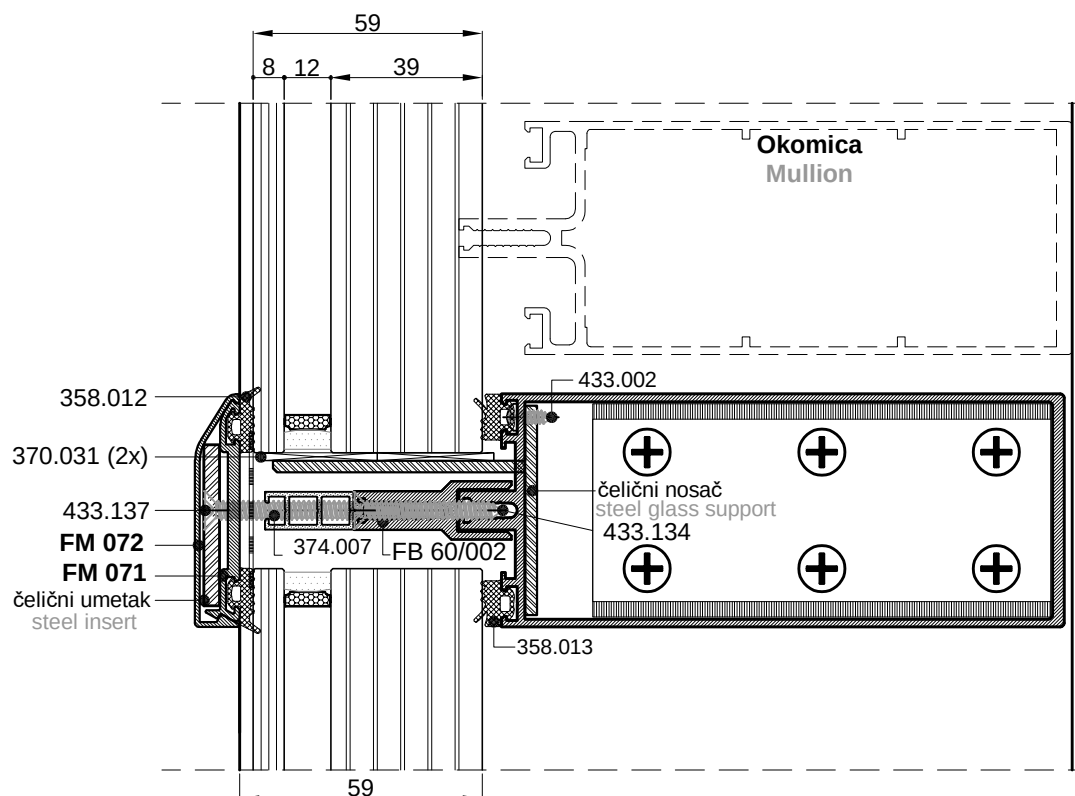
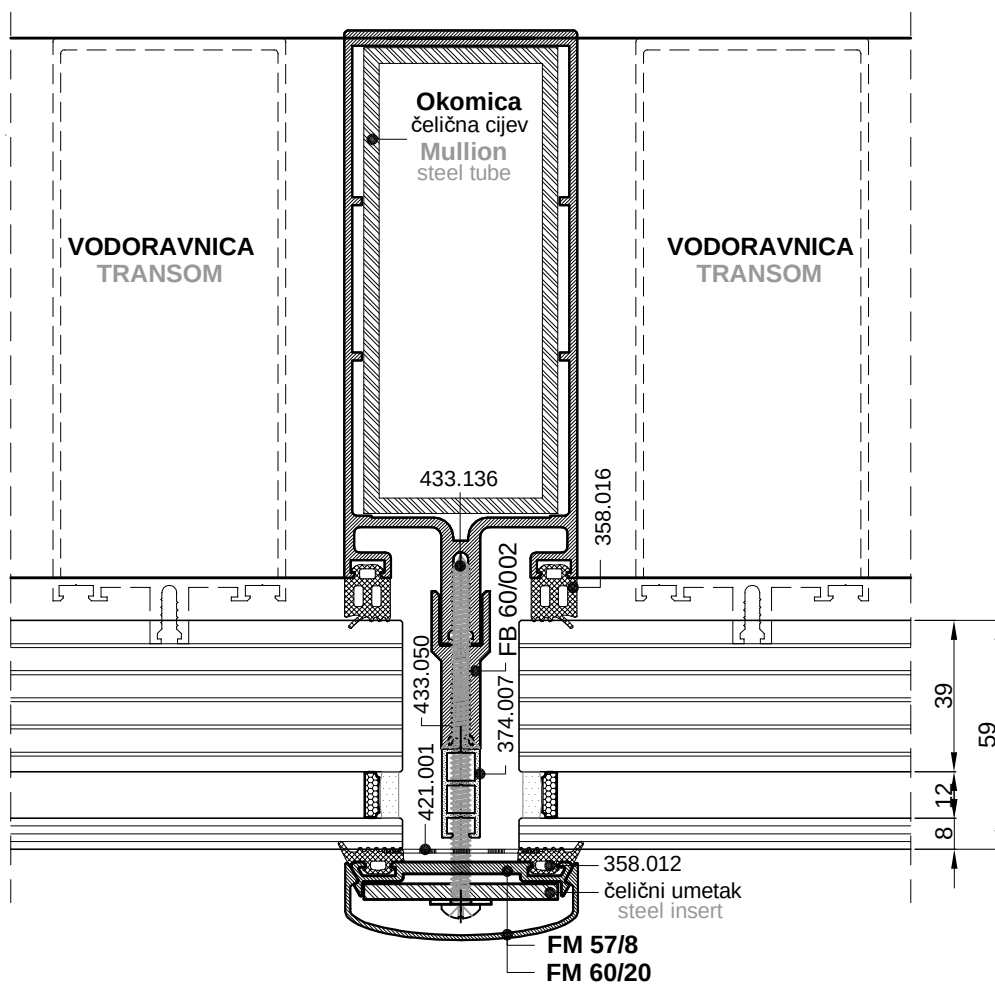
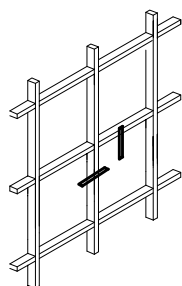




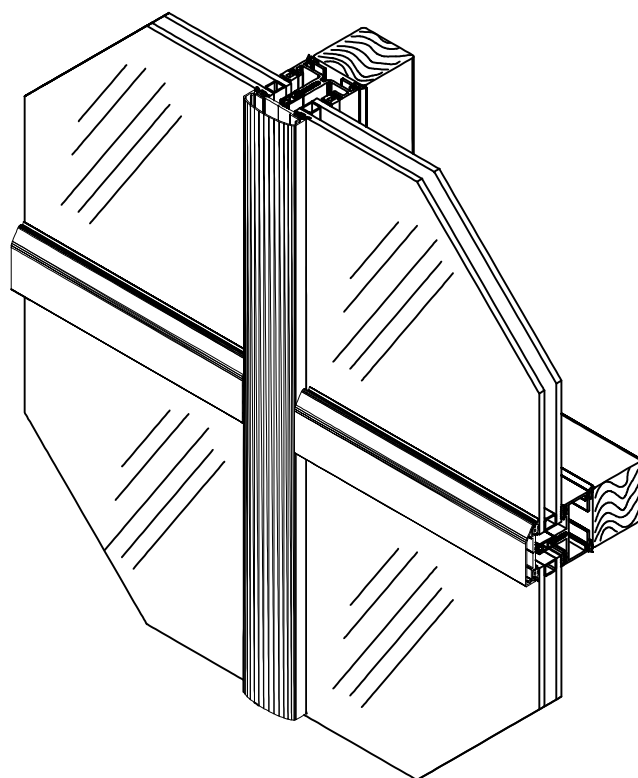
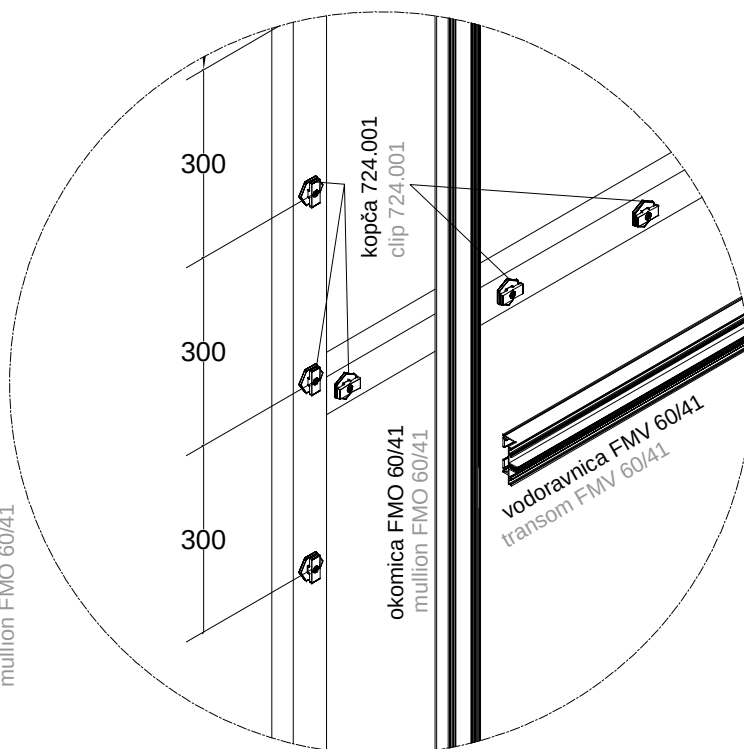
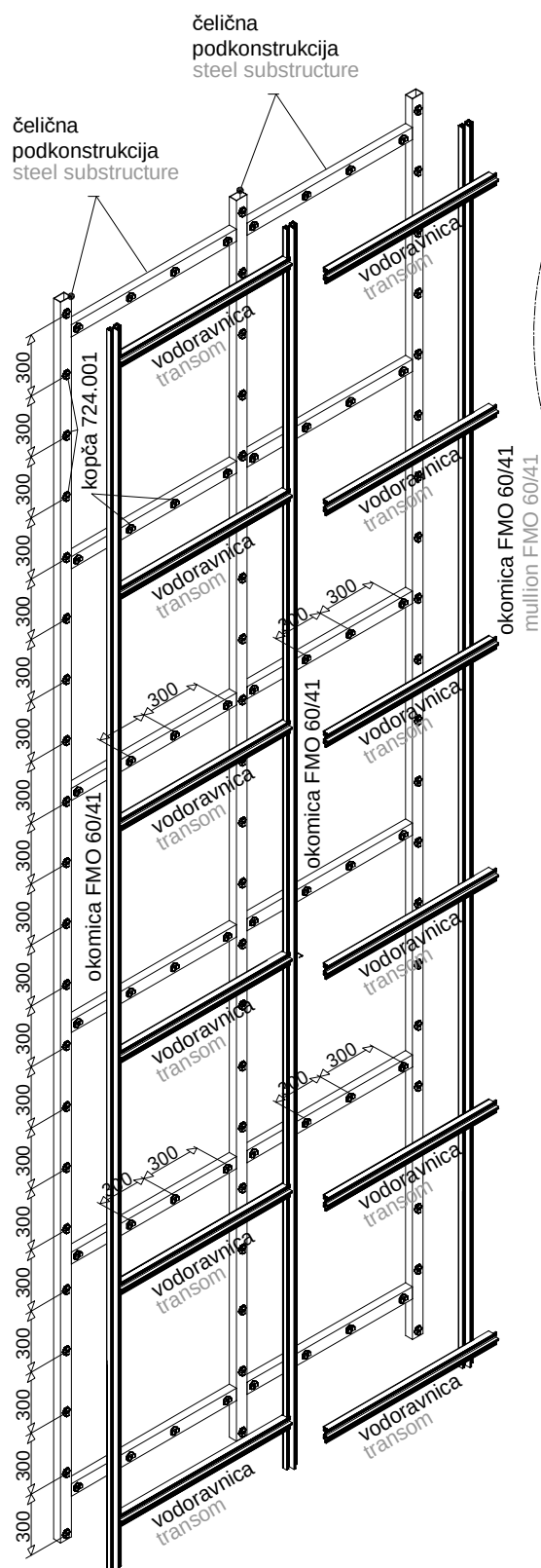
Držač sjenila Shading bracket	Vijci Screw	Dimenzije l x h Dimensions l x h
521.235	433.206	50x100 mm
521.236	433.206	50x160 mm
521.237	433.207	70x100 mm
521.238	433.207	70x160 mm

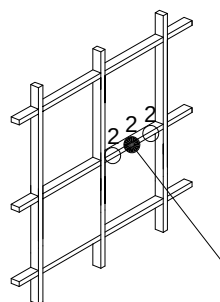




Fasada s antibalističkom zaštitom
Facade with bulletproof protection


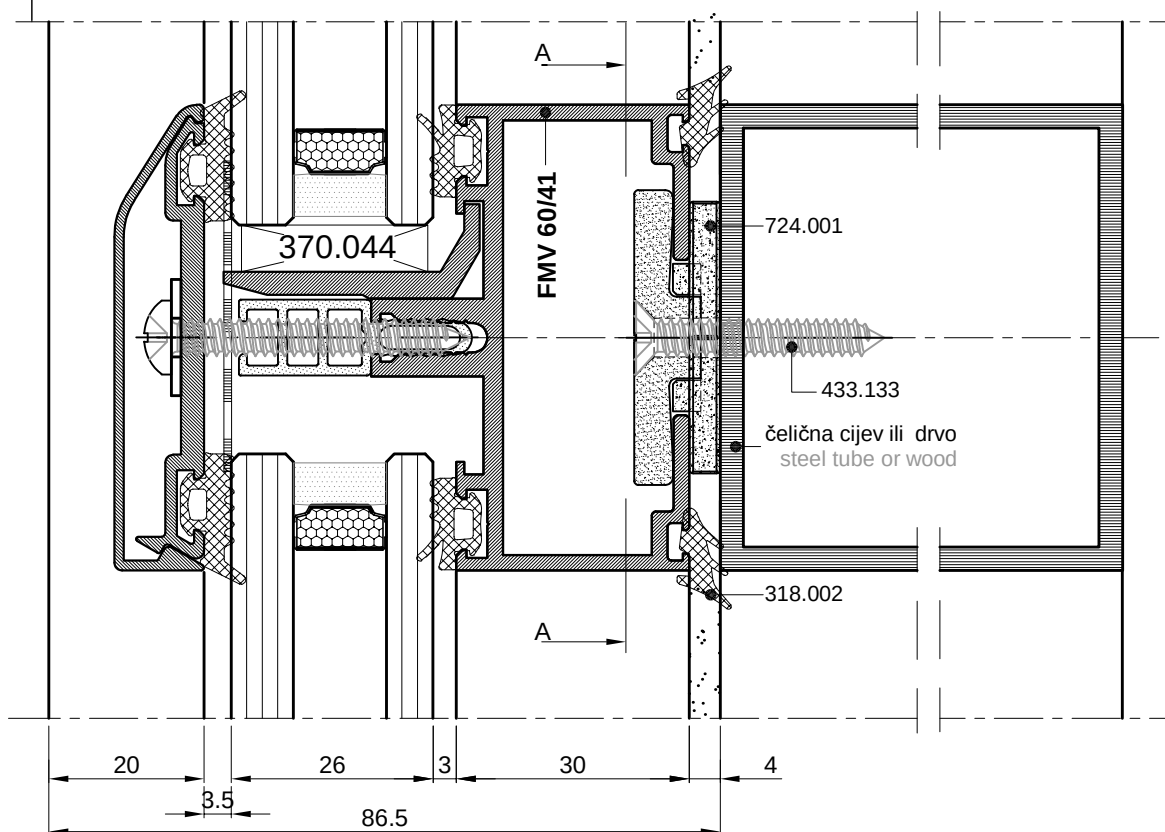
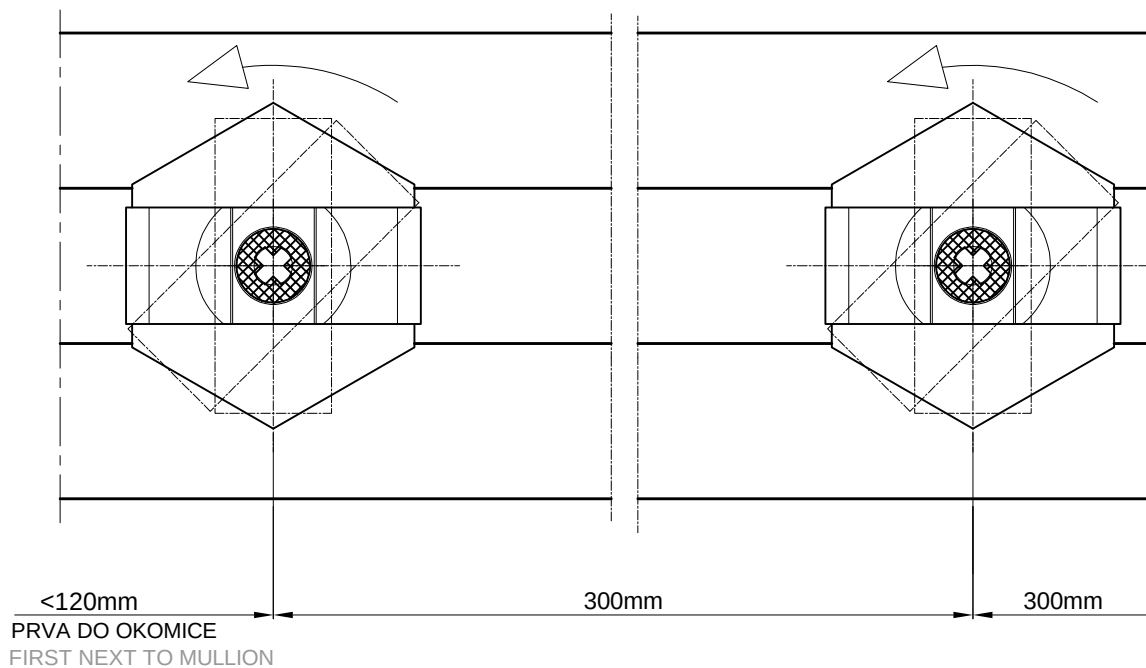


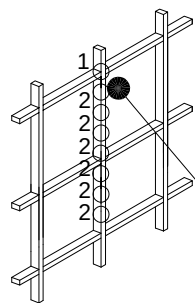




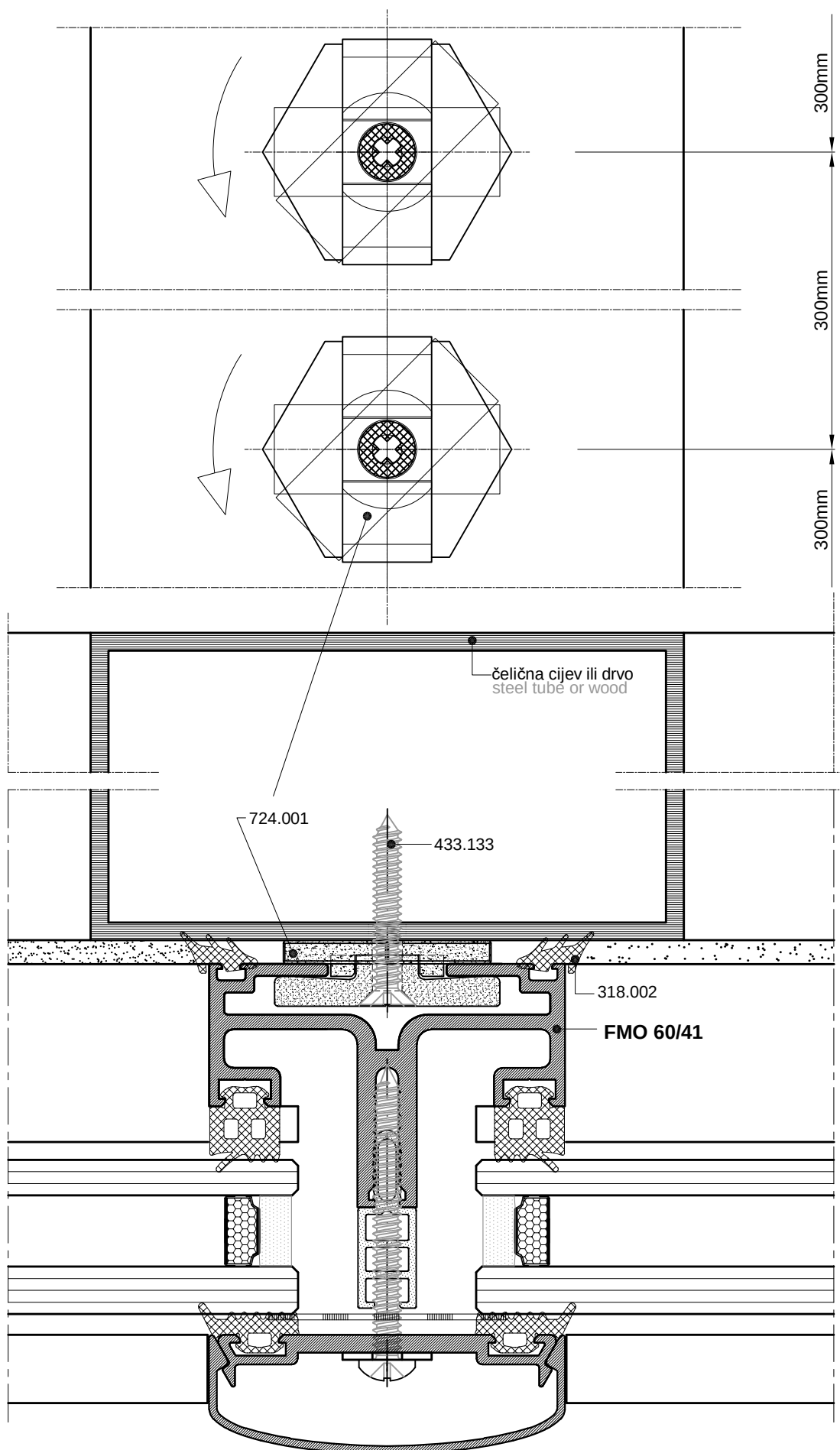
DONJE KOPČE 724.001 SVAKIH 300mm.
NAKON POSTAVLJANJA OKOMICE KOPČU ZAKRENUTI KLJUČEM za 90
stupnjeva
CLIPS 724.001 SHOULD BE INSTALLED EVERY 300 MM. AFTER INSTALLATION
OF MULLION TURN THE CLIP 90 DEEGRES

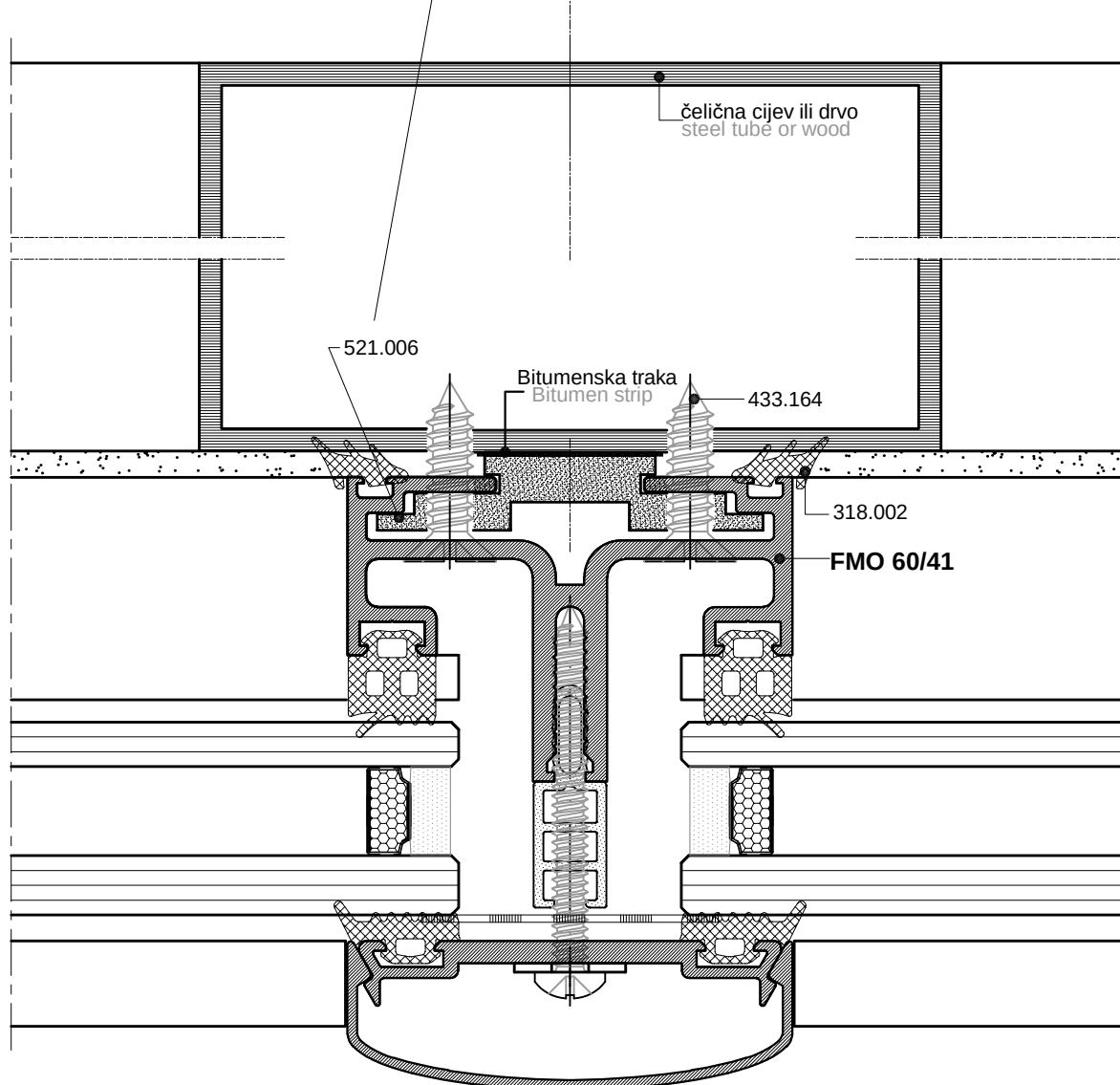
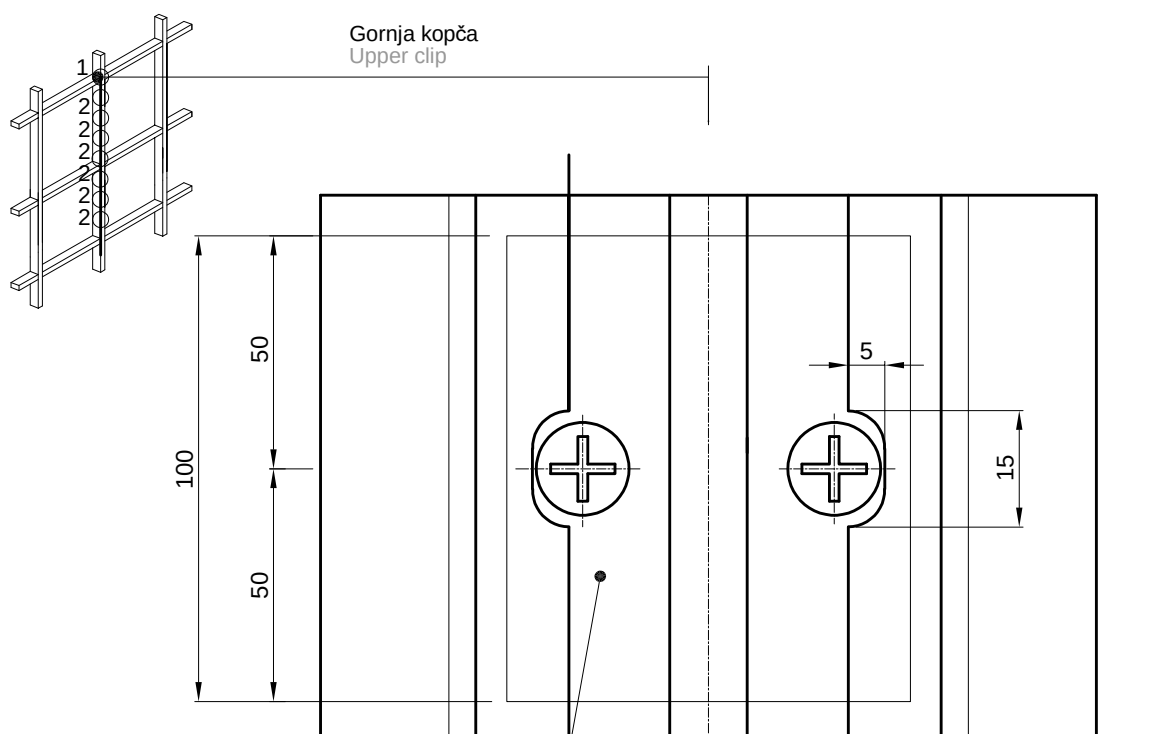
PRESJEK A
CROSS SECTION A

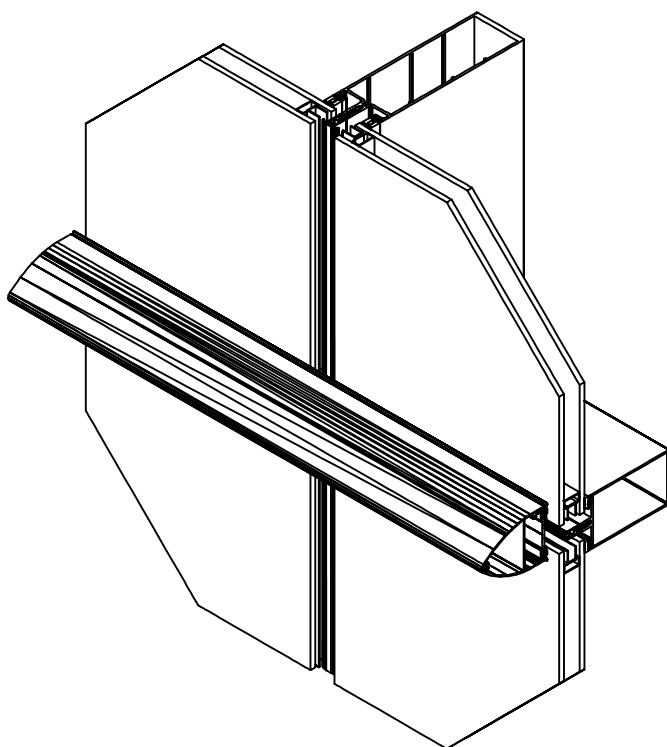
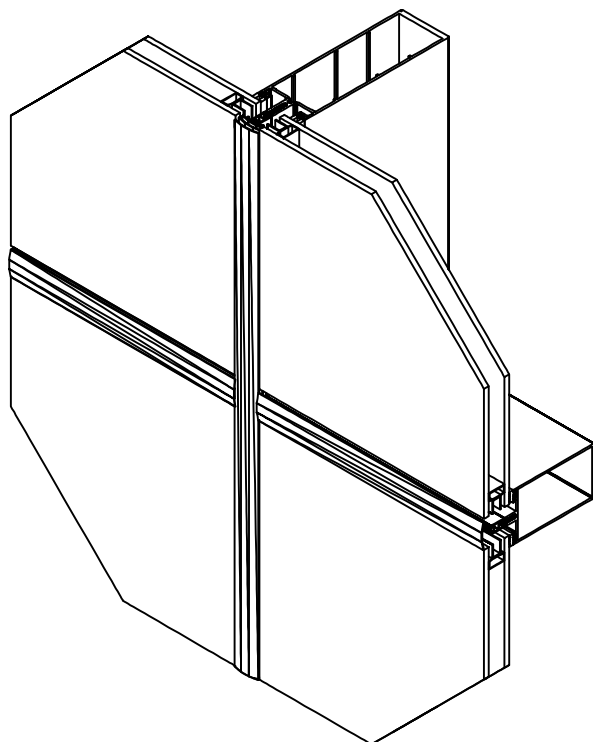




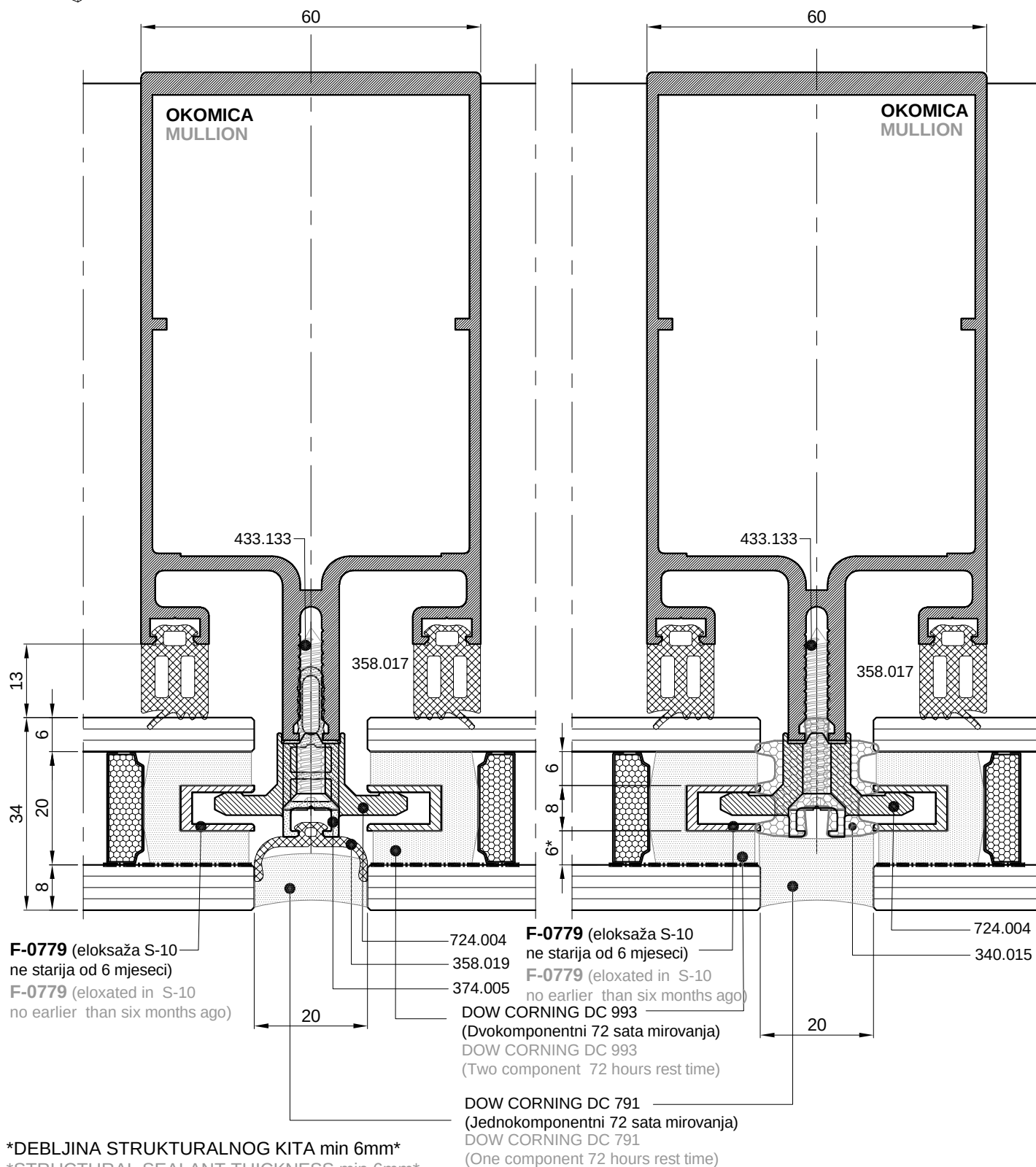
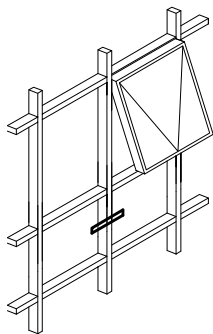
DONJE KOPČE 724.001 SVAKIH 300mm.
NAKON POSTAVLJANJA OKOMICE KOPČU ZAKRENUTI KLJUČEM za 90
stupnjeva
CLIPS 724.001 SHOULD BE INSTALLED EVERY 300 MM. AFTER INSTALLATION
OF MULLION TURN THE CLIP 90 DEEGRES

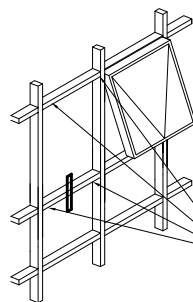






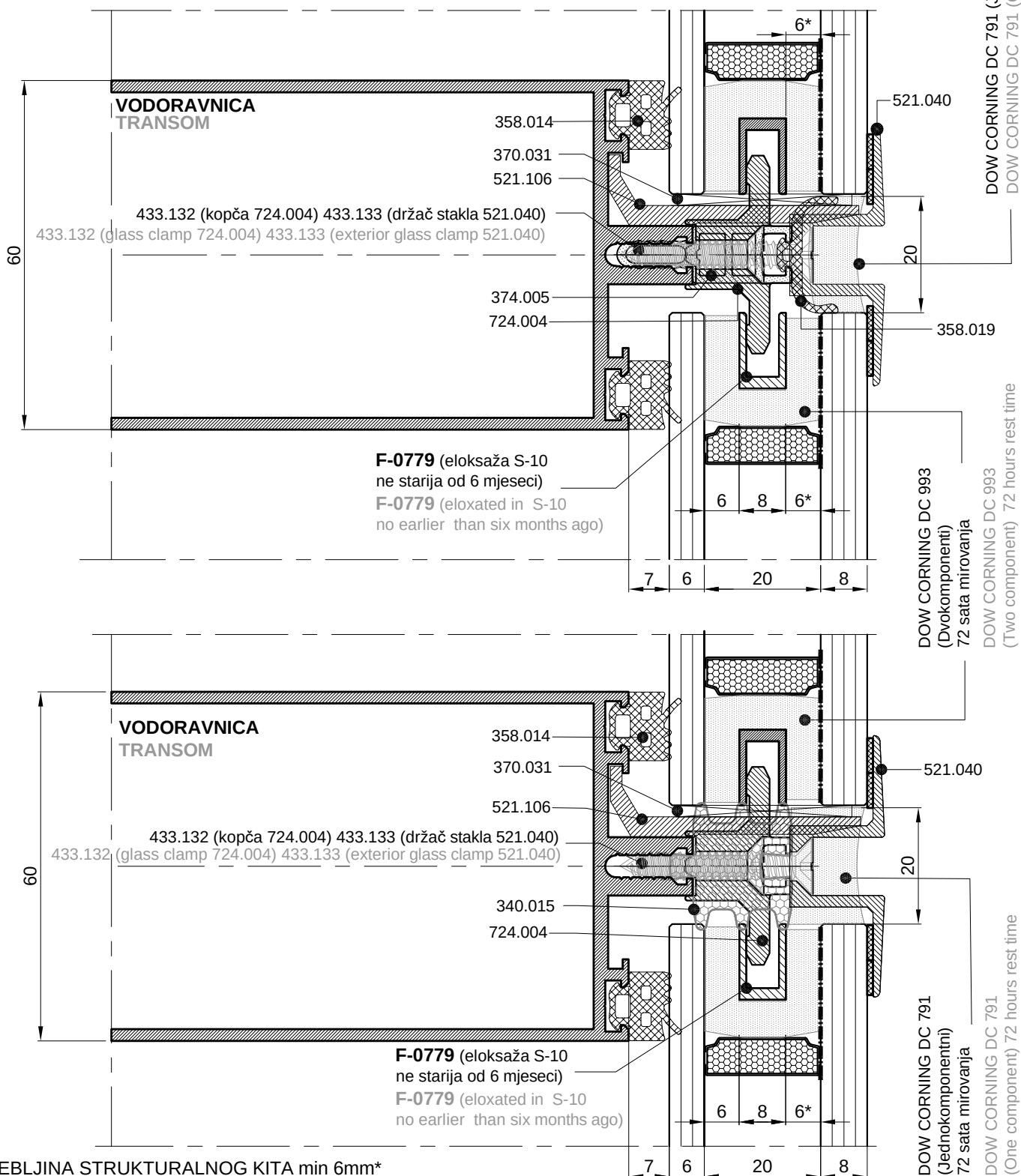






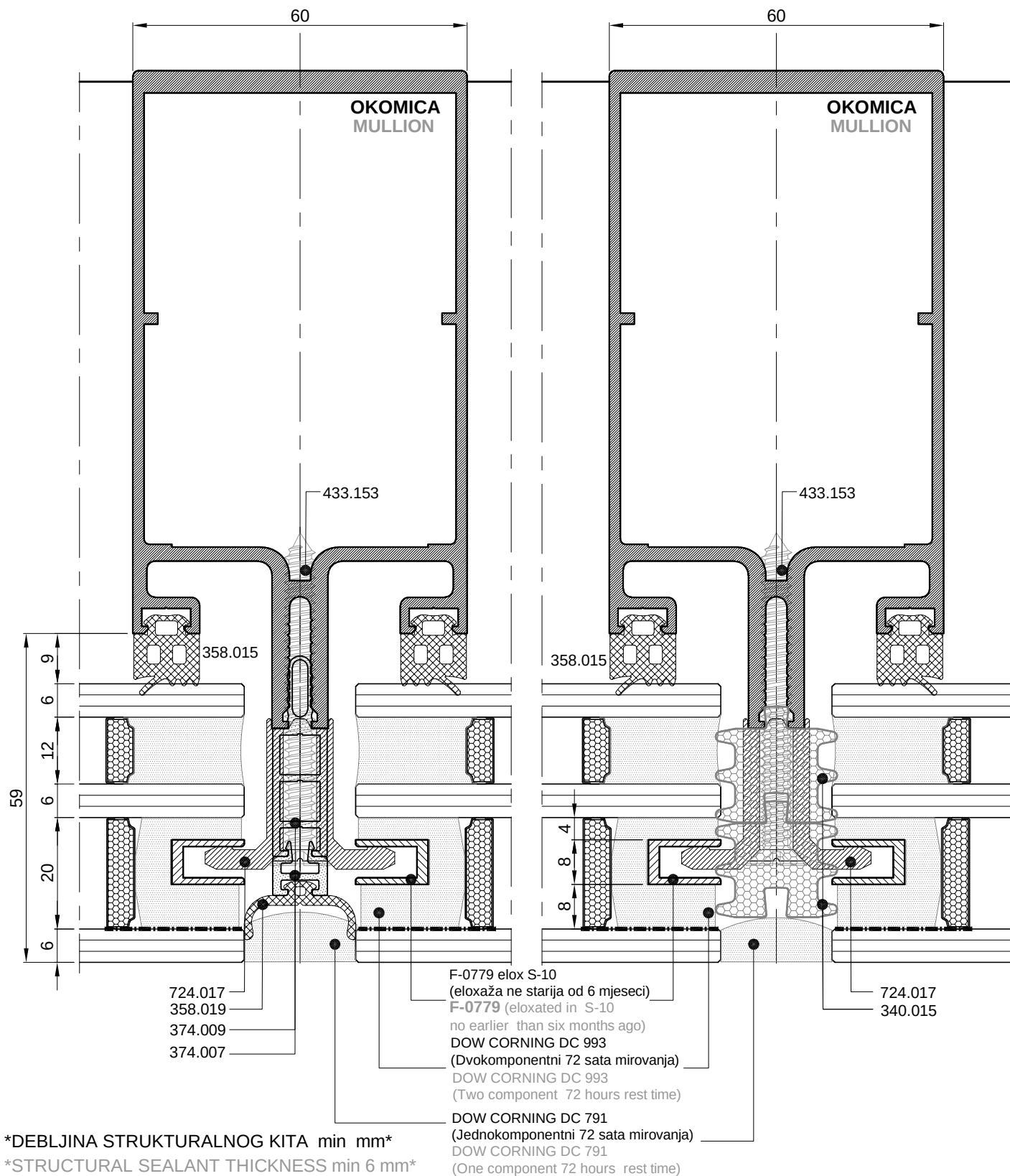
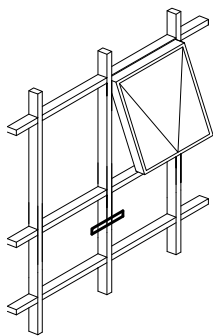
521.040-držač vanjskog fiksnog stakla
(četiri po staklu)

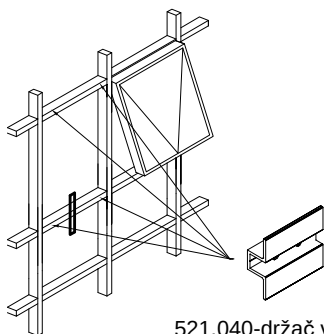
521.040-exterior fixed field glass clamp
(four per glass)



DEBLJINA STRUKTURALNOG KITA min 6mm

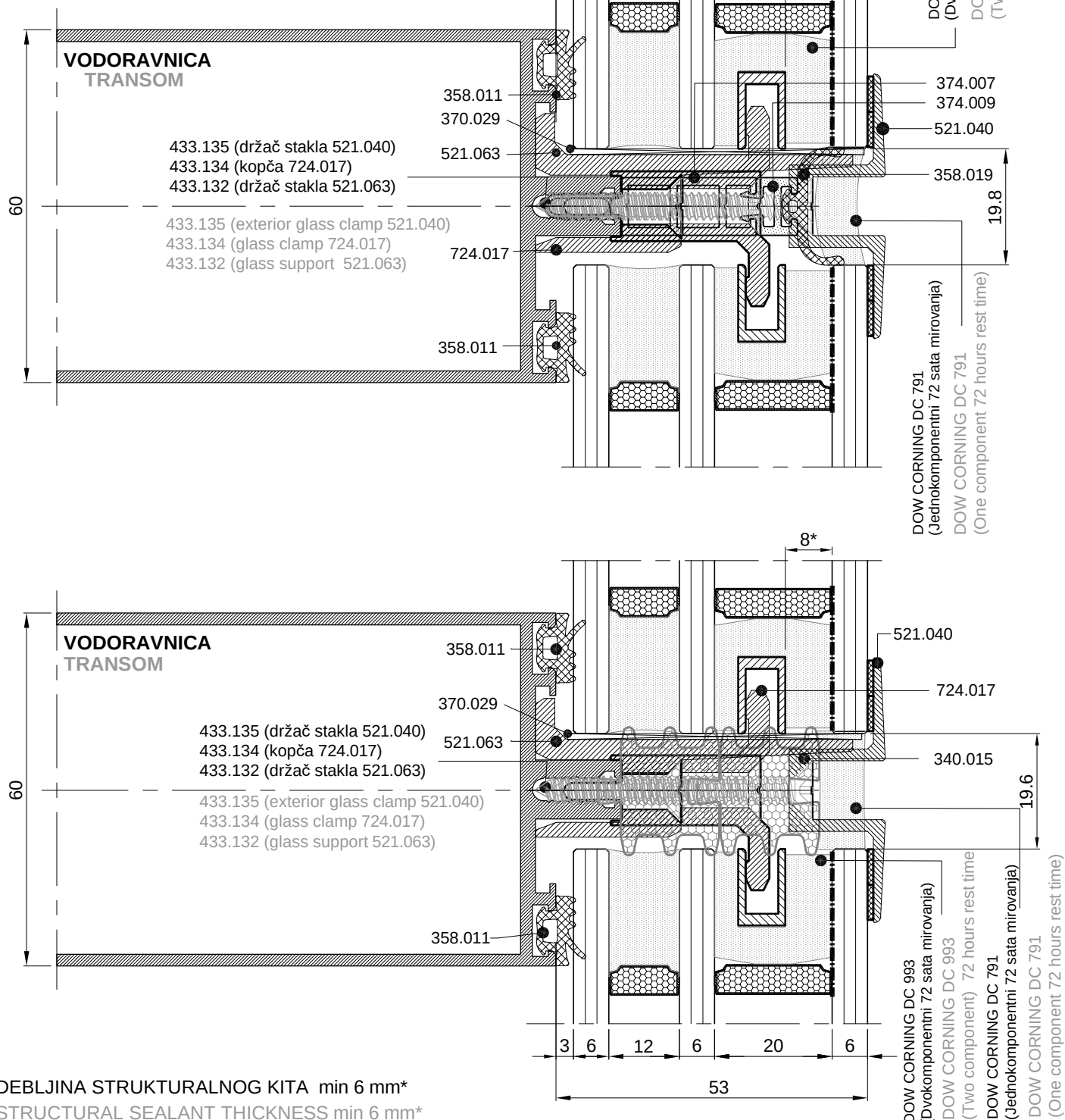
STRUCTURAL SEALANT THICKNESS min 6mm





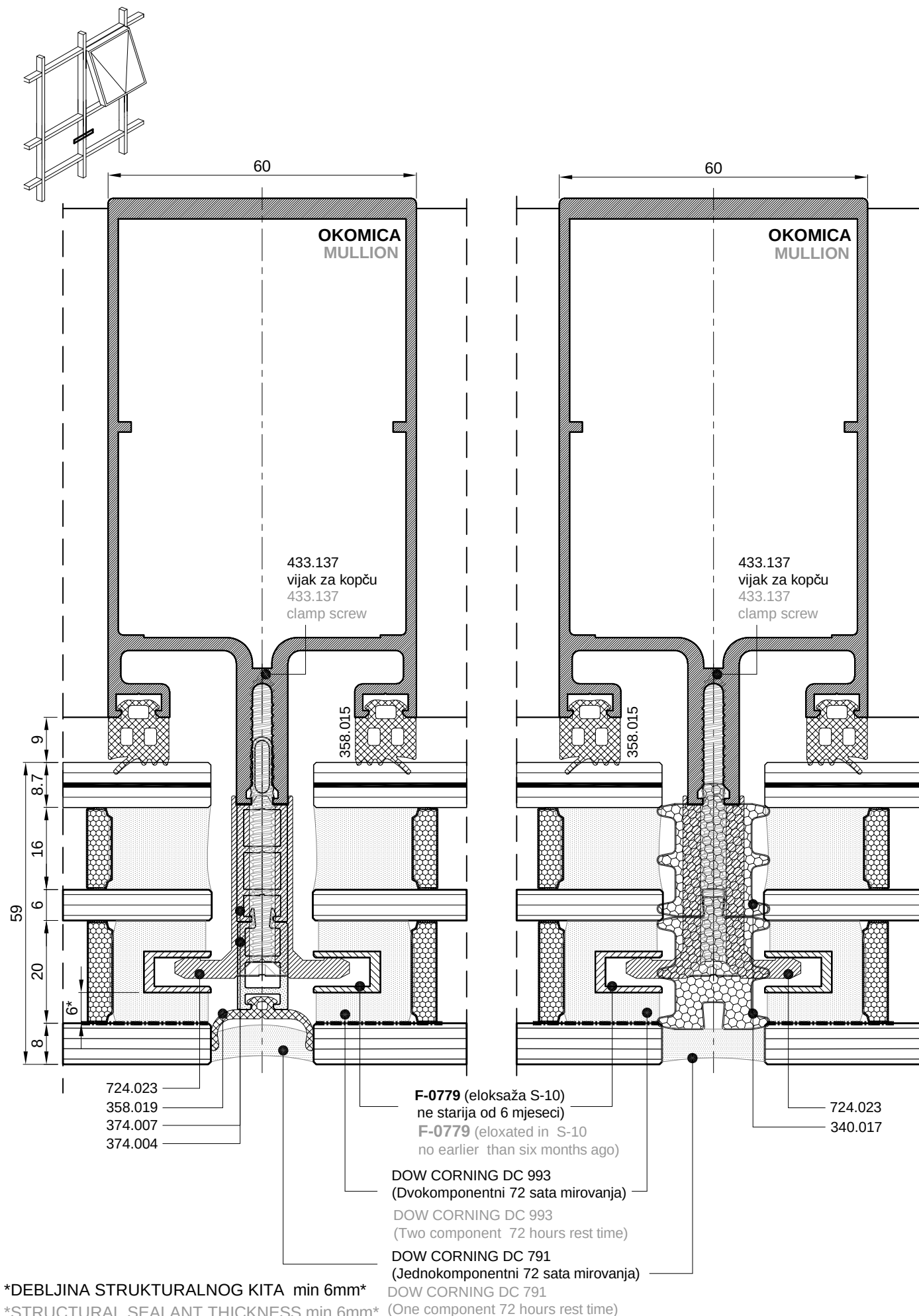
521.040-držač vanjskog stakla fiksnog polja
(četiri po staklu)

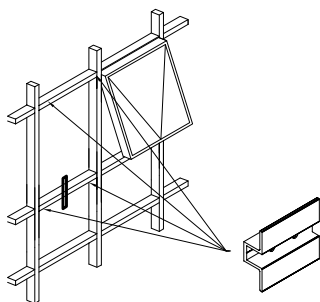
521.040-exterior fixed field glass clamp
(four per glass)



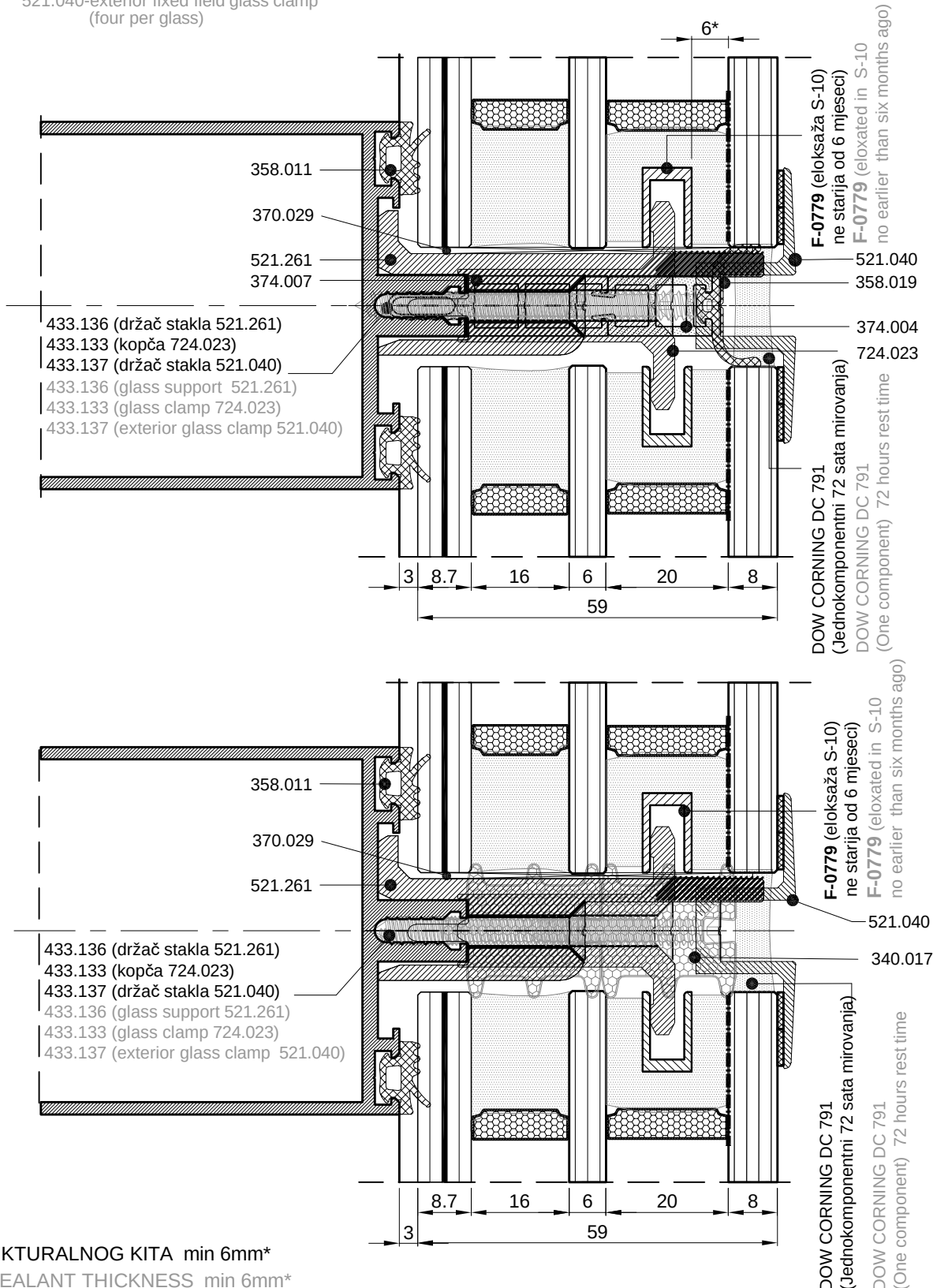
DEBLJINA STRUKTURALNOG KITA min 6 mm

STRUCTURAL SEALANT THICKNESS min 6 mm



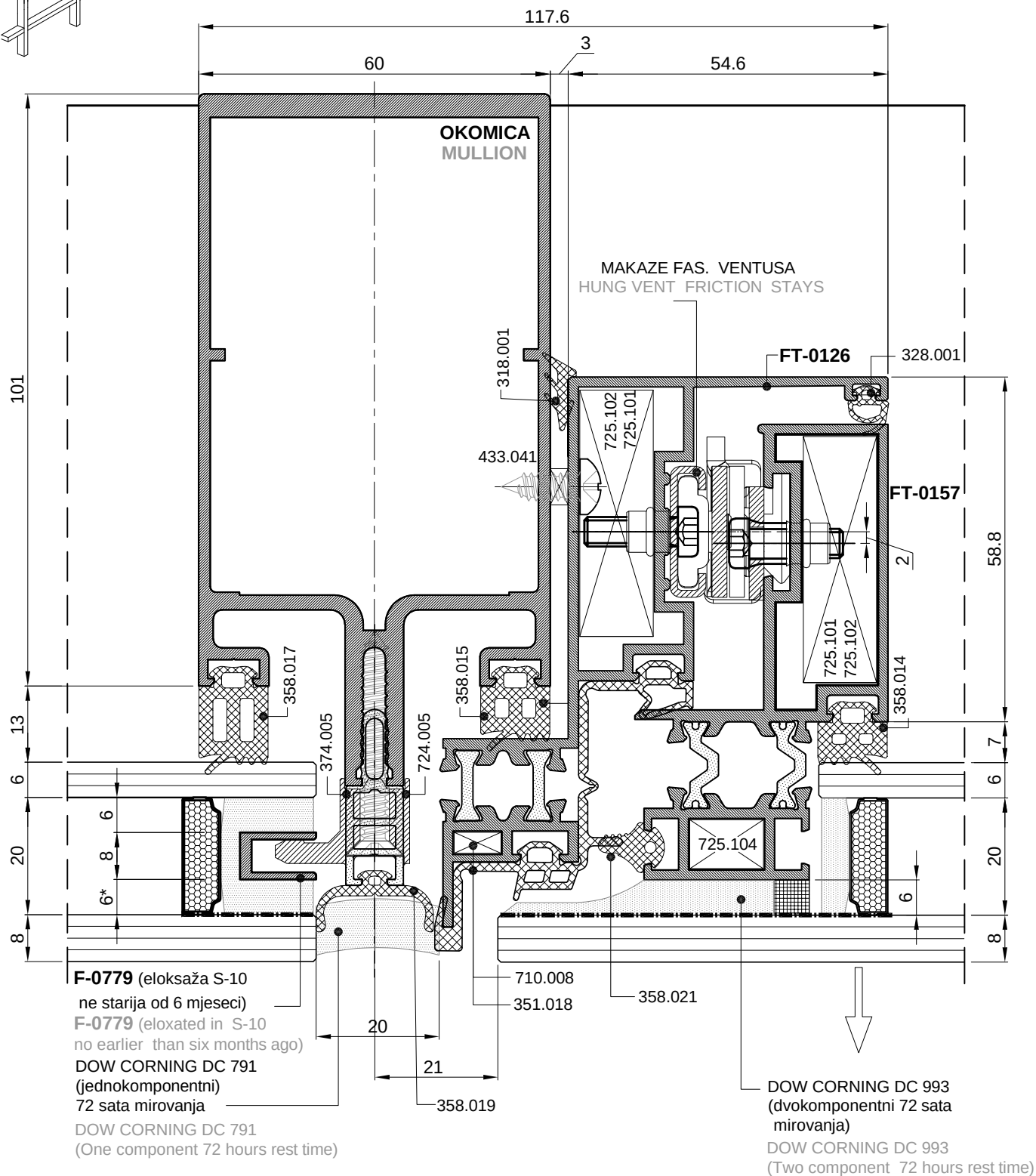
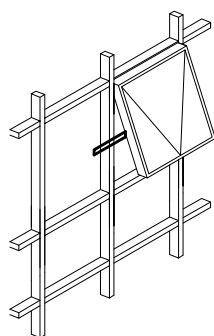


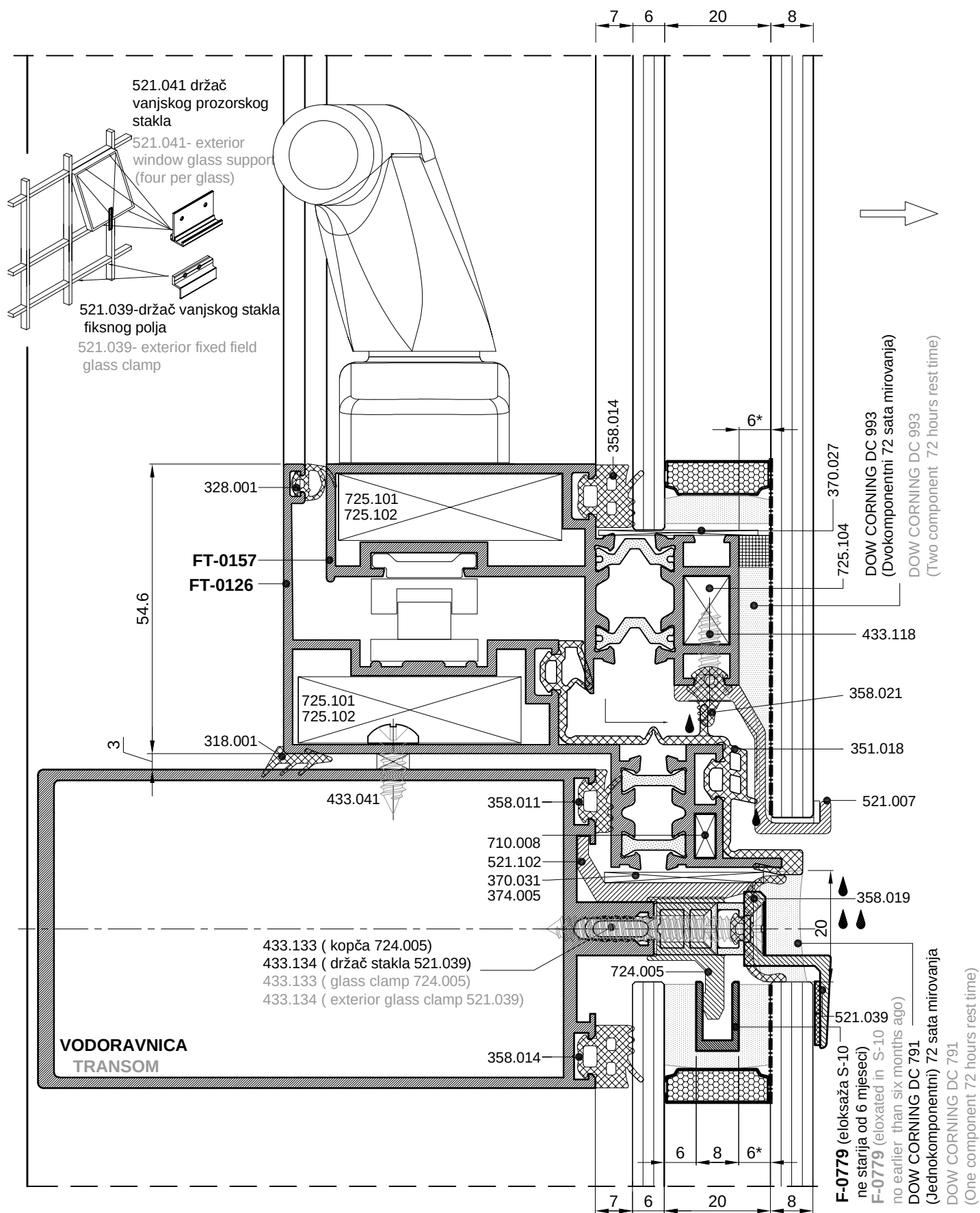
521.040-držač vanjskog stakla fiksnog polja
 (četiri po staklu)
 521.040-exterior fixed field glass clamp
 (four per glass)



DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm

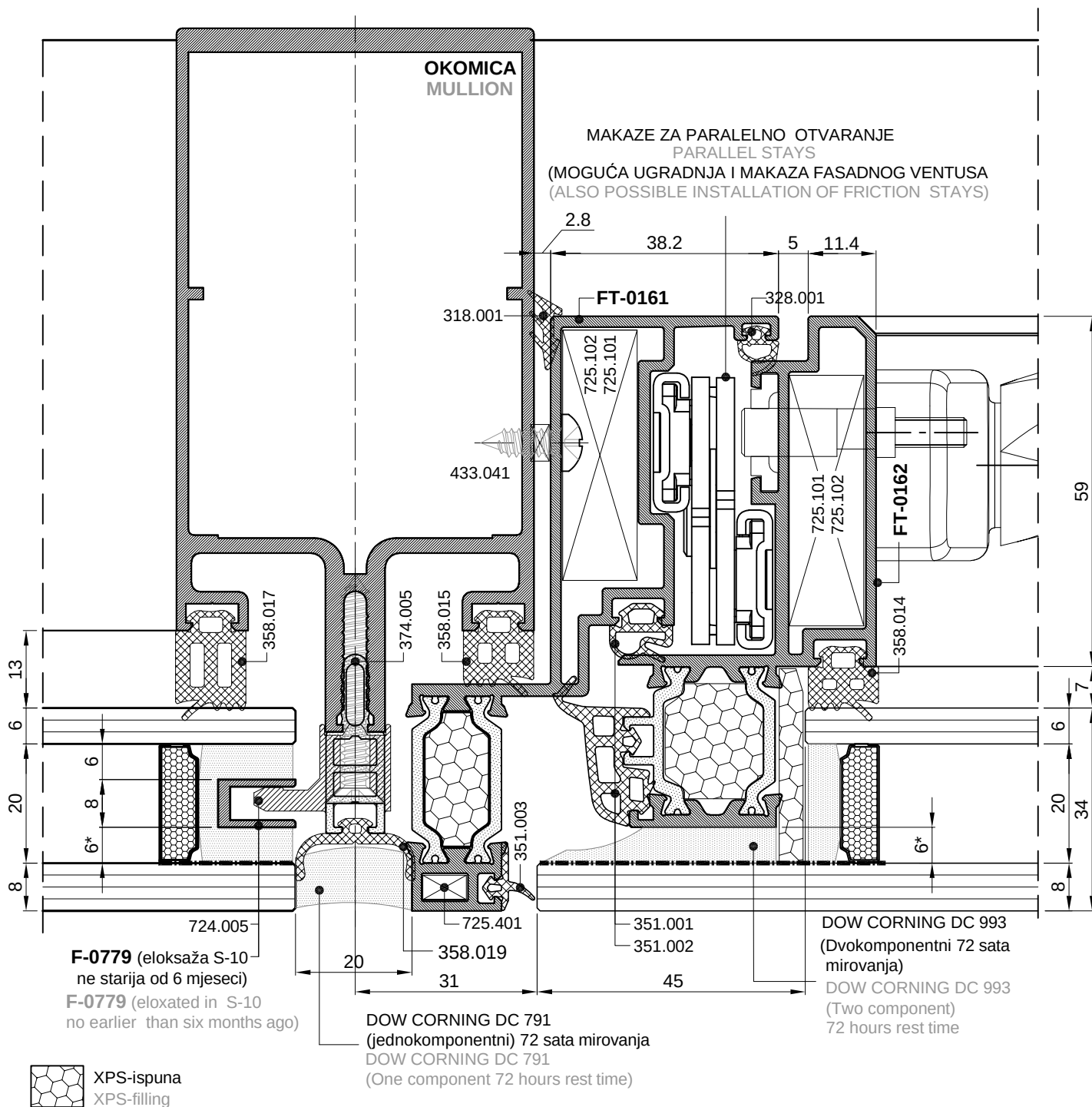
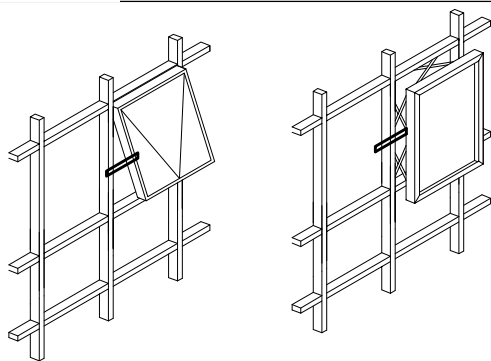




***VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

***EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*



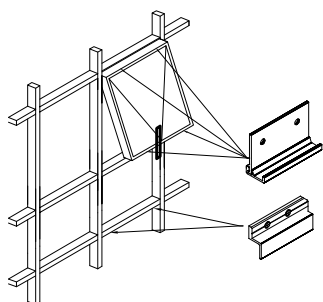
***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0162 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0162 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

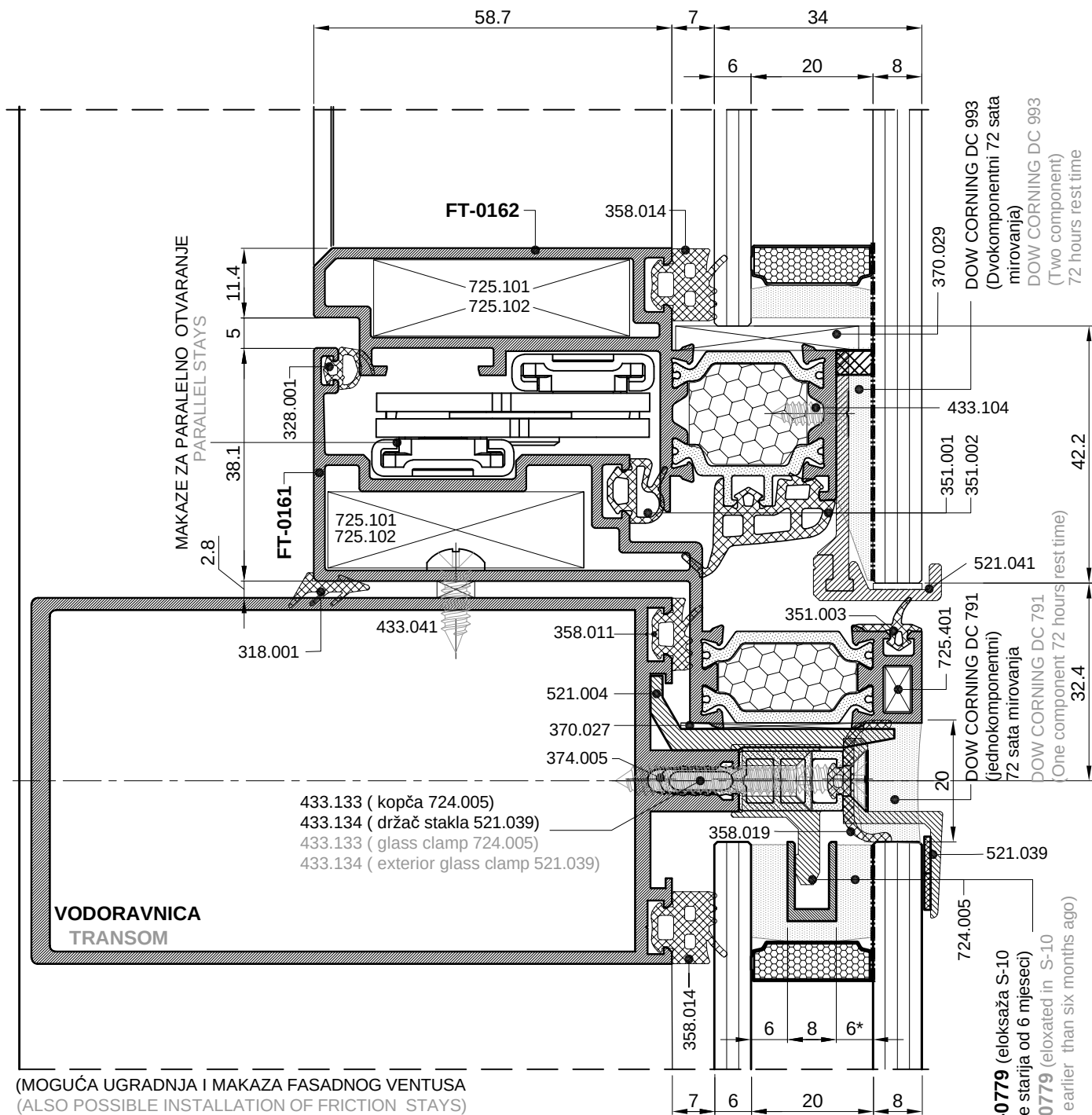
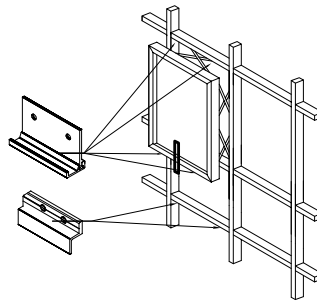


521.041 držač
vanjskog prozorskog
stakla (četiri po staklu)

521.041- exterior
window glass support
(four per glass)

521.039- držač vanjskog stakla
fiksno polja (četiri po staklu)

521.039- exterior fixed field
glass clamp (four per glass)



(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS))

***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

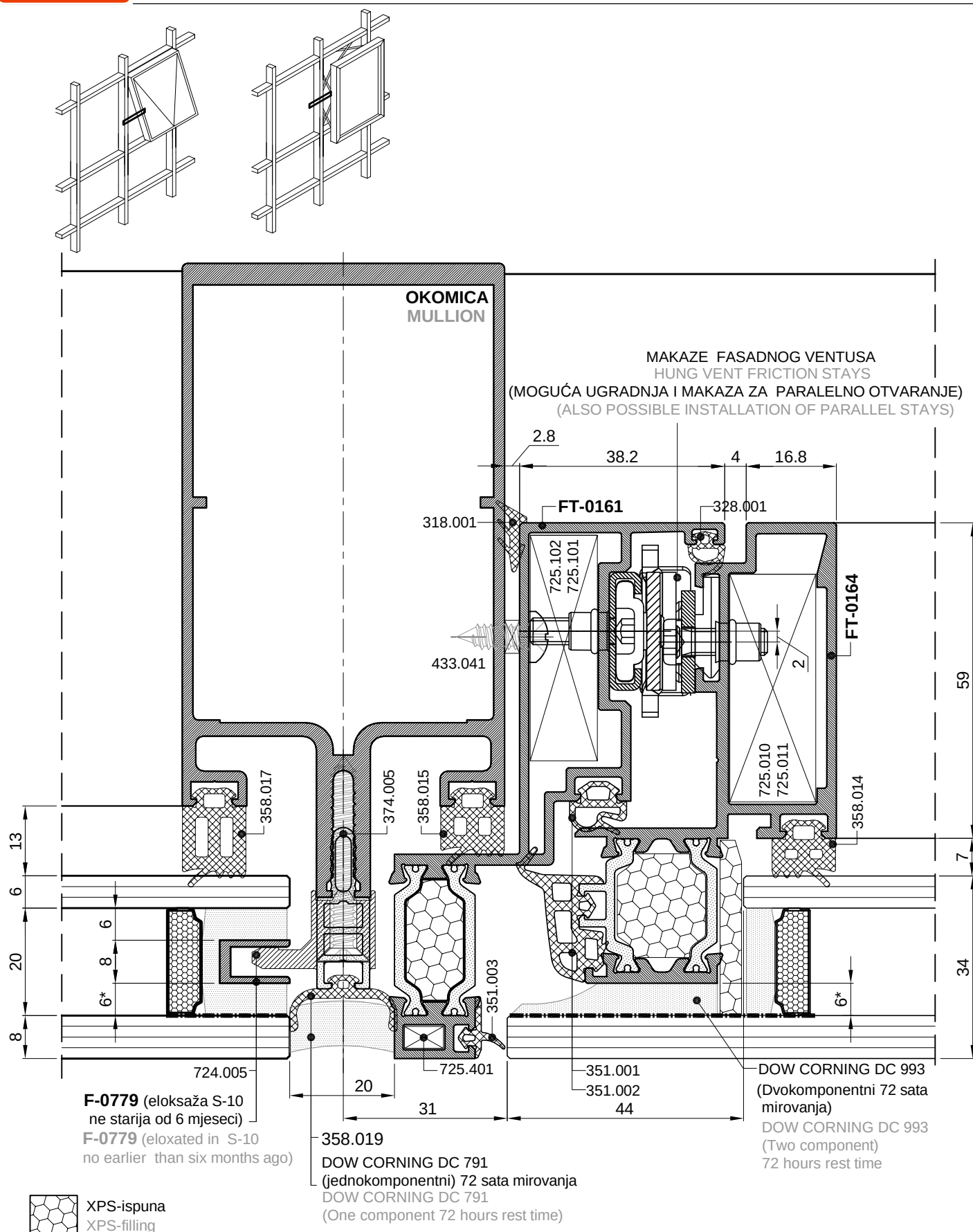
**VANJSKA STRANA PROFILA FT-0162 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0162 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

F-0779 (eloxsaža S-10
ne starija od 6 mjeseci)

F-0779 (eloxated in S-10
no earlier than six months ago)



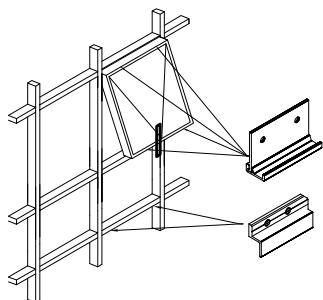
***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0164 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0164 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

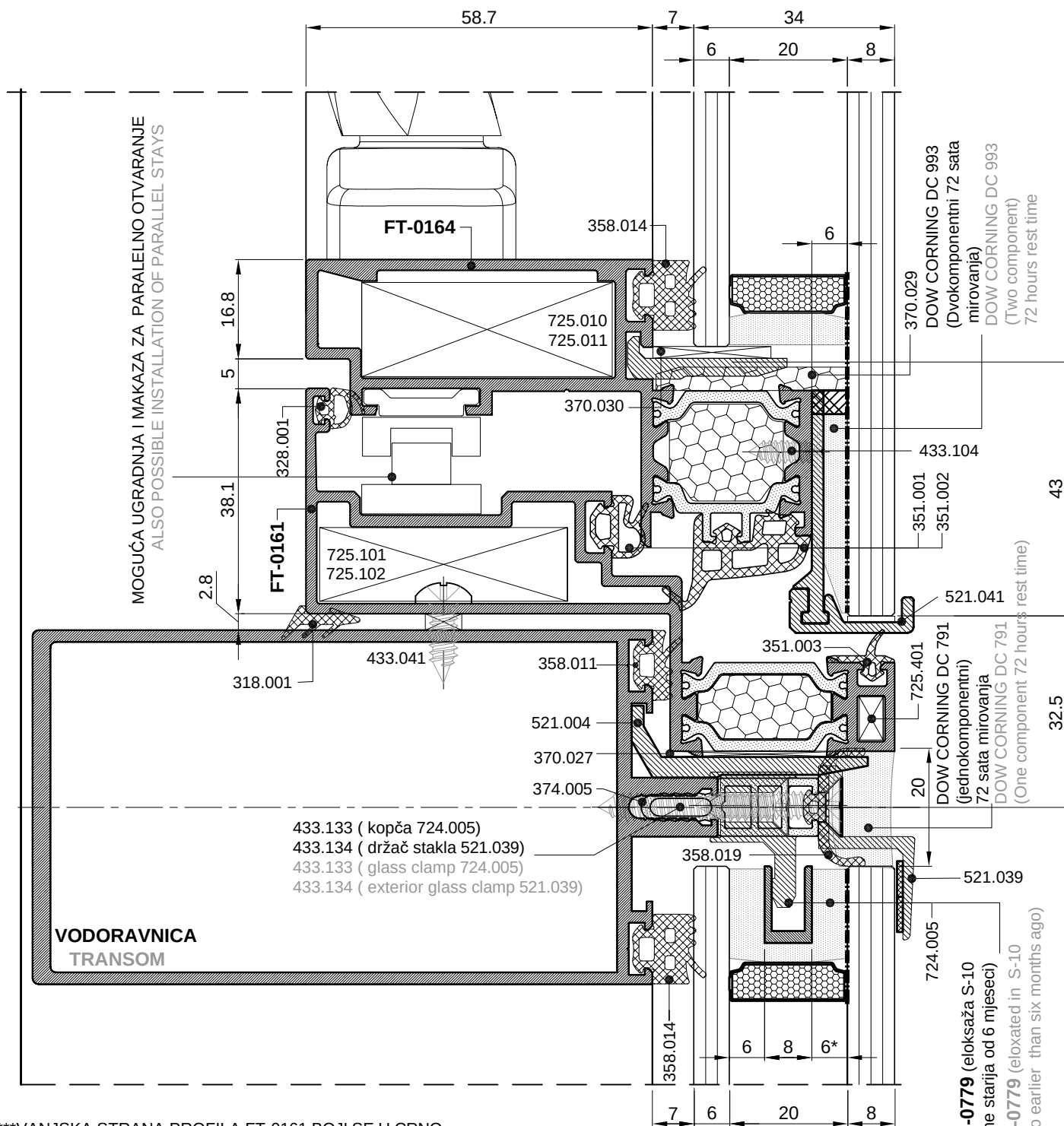
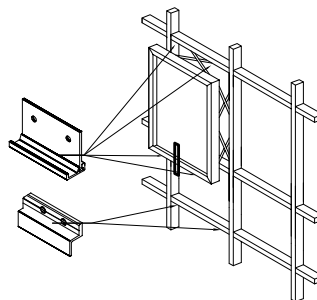


521.041 držač
vanjskog prozorskog
stakla (četiri po staklu)

521.041- exterior
window glass support
(four per glass)

521.039-držač vanjskog stakla
fiksno polje (četiri po staklu)

521.039- exterior fixed field
glass clamp (four per glass)



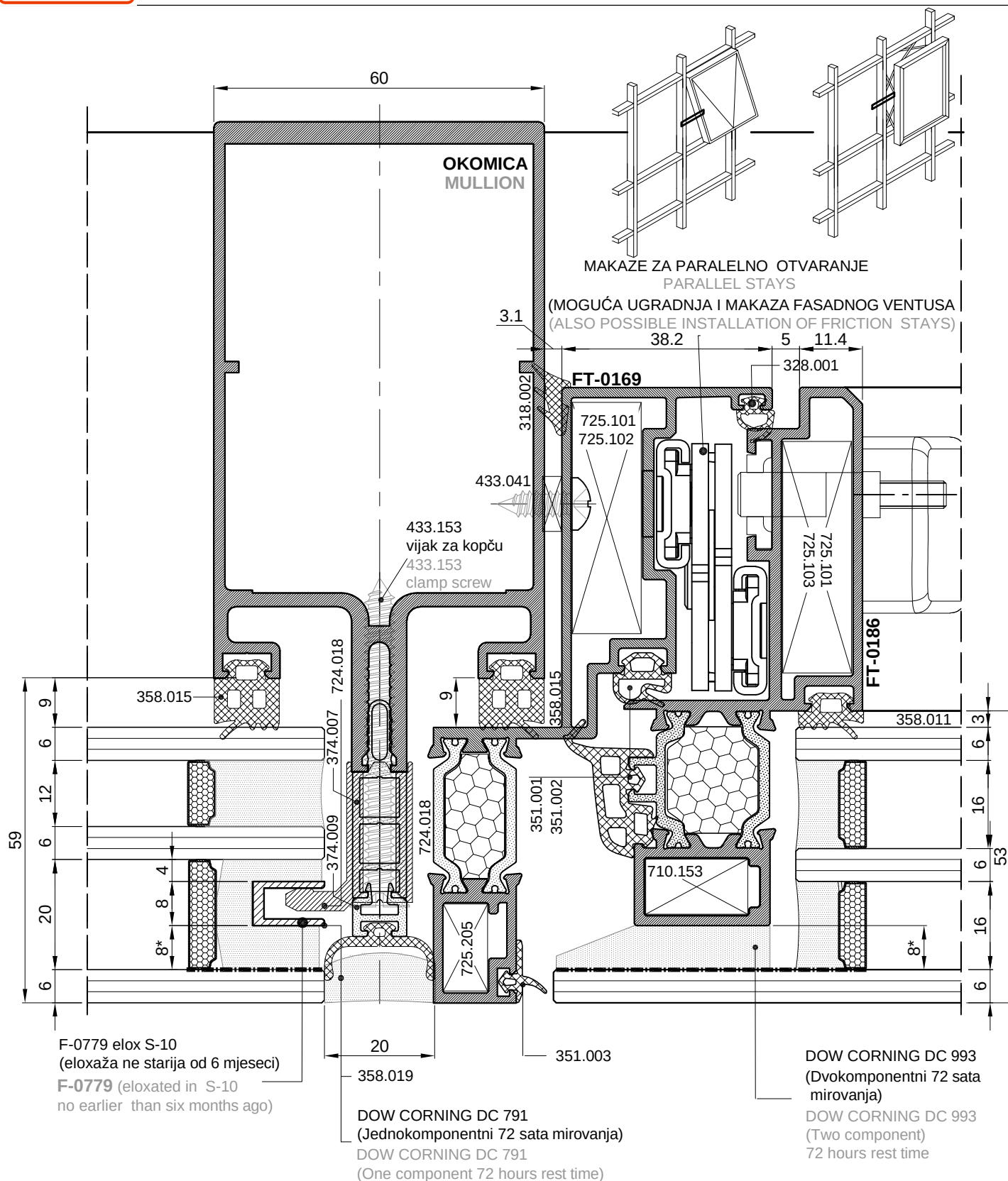
***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

****VANJSKA STRANA PROFILA FT-0164 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILES FT-0164 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*



XPS-ispuna
XPS-filling

***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

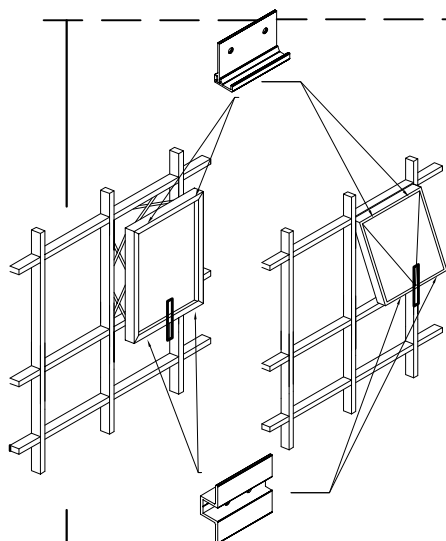
***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

****VANJSKA STRANA PROFILA FT-0186 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

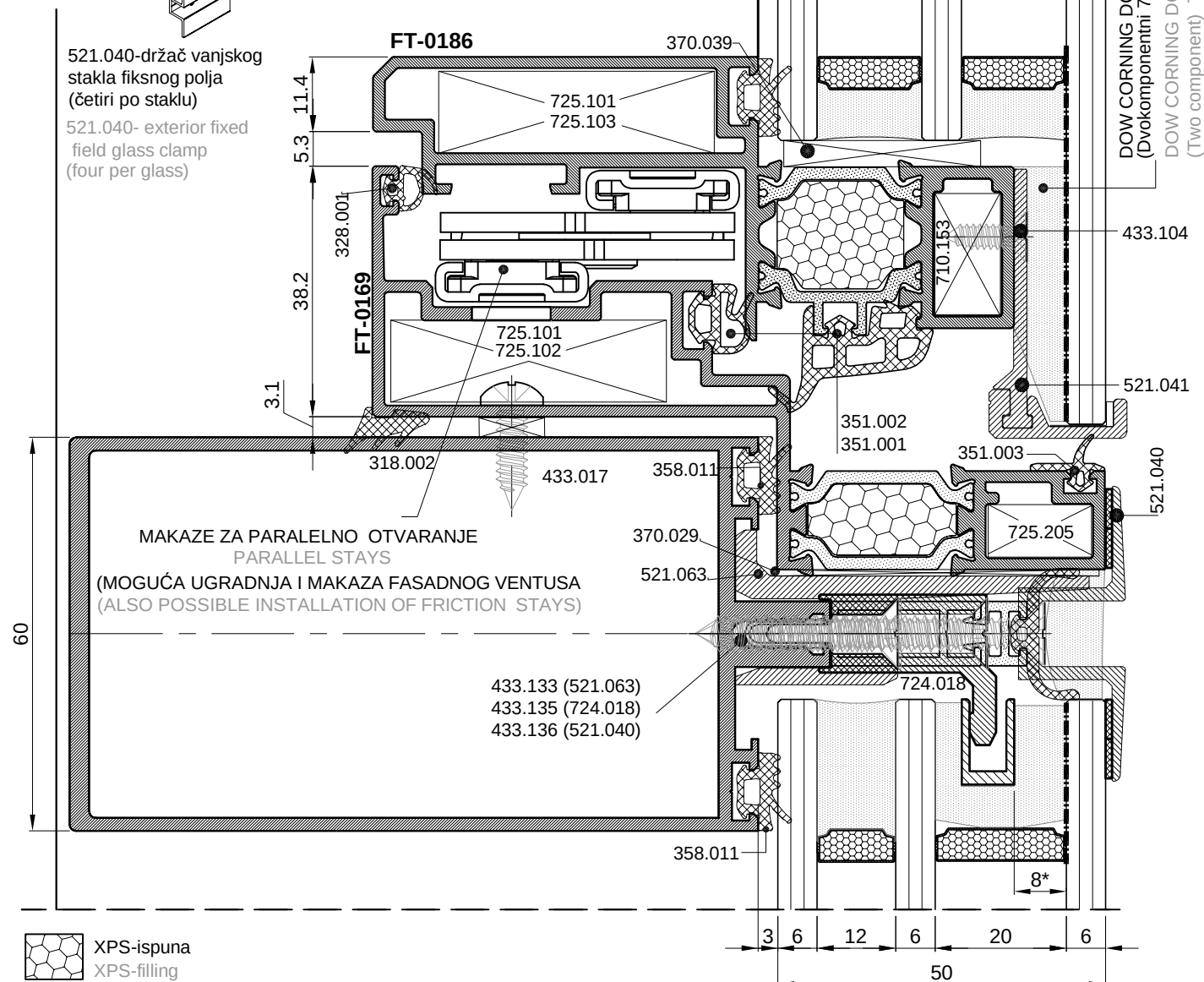
EXTERIOR SIDE OF PROFILES FT-0186 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO
EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm STRUCTURAL SEALANT THICKNESS min 6 mm*

521.041 držač vanjskog
prozorskog stakla (četiri po staklu)
521.041- exterior window glass
support (four per glass)



521.040-držač vanjskog
stakla fiksnog polja
(četiri po staklu)
521.040- exterior fixed
field glass clamp
(four per glass)



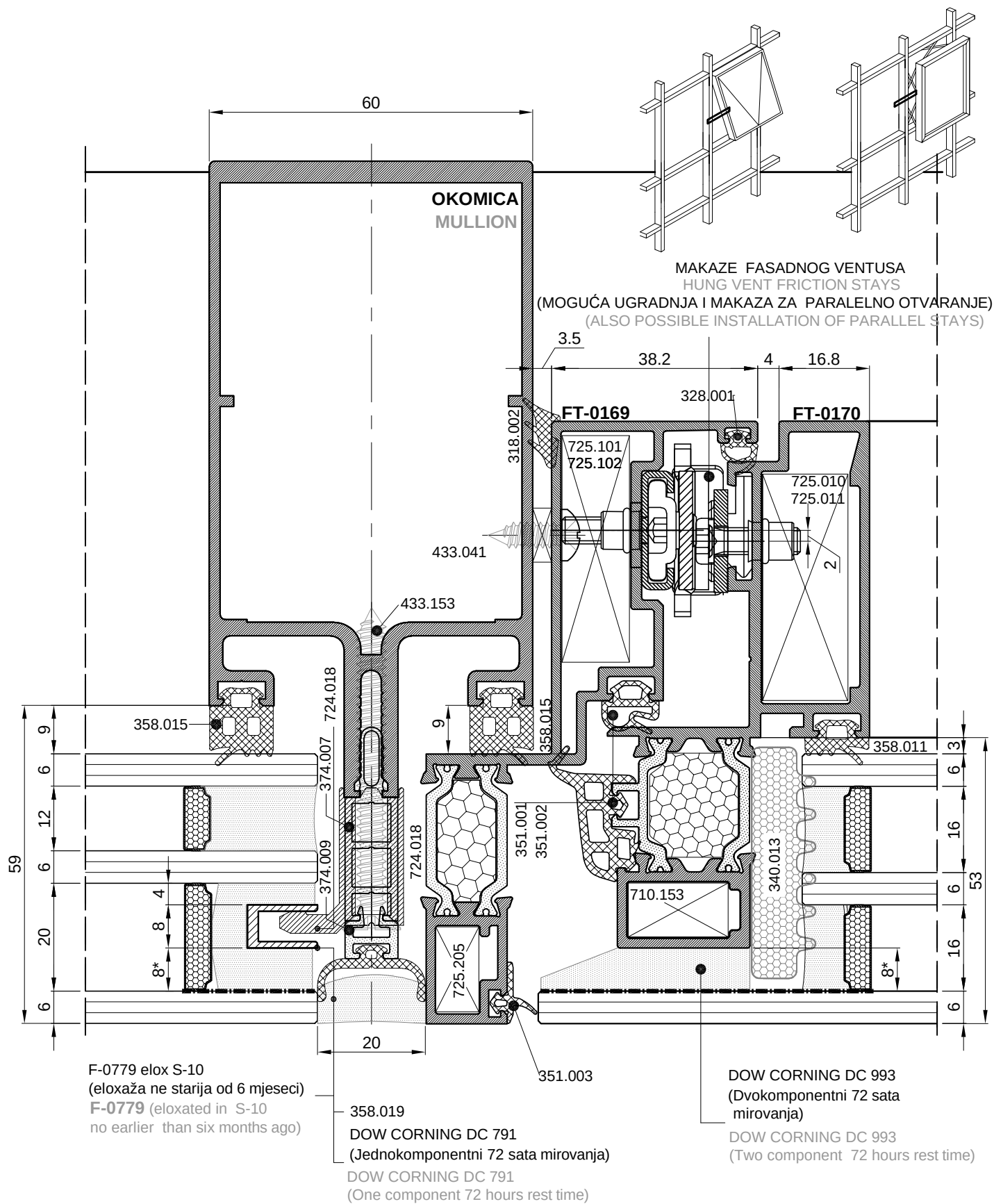
***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0186 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0186 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*



XPS-ispuna
XPS-filling

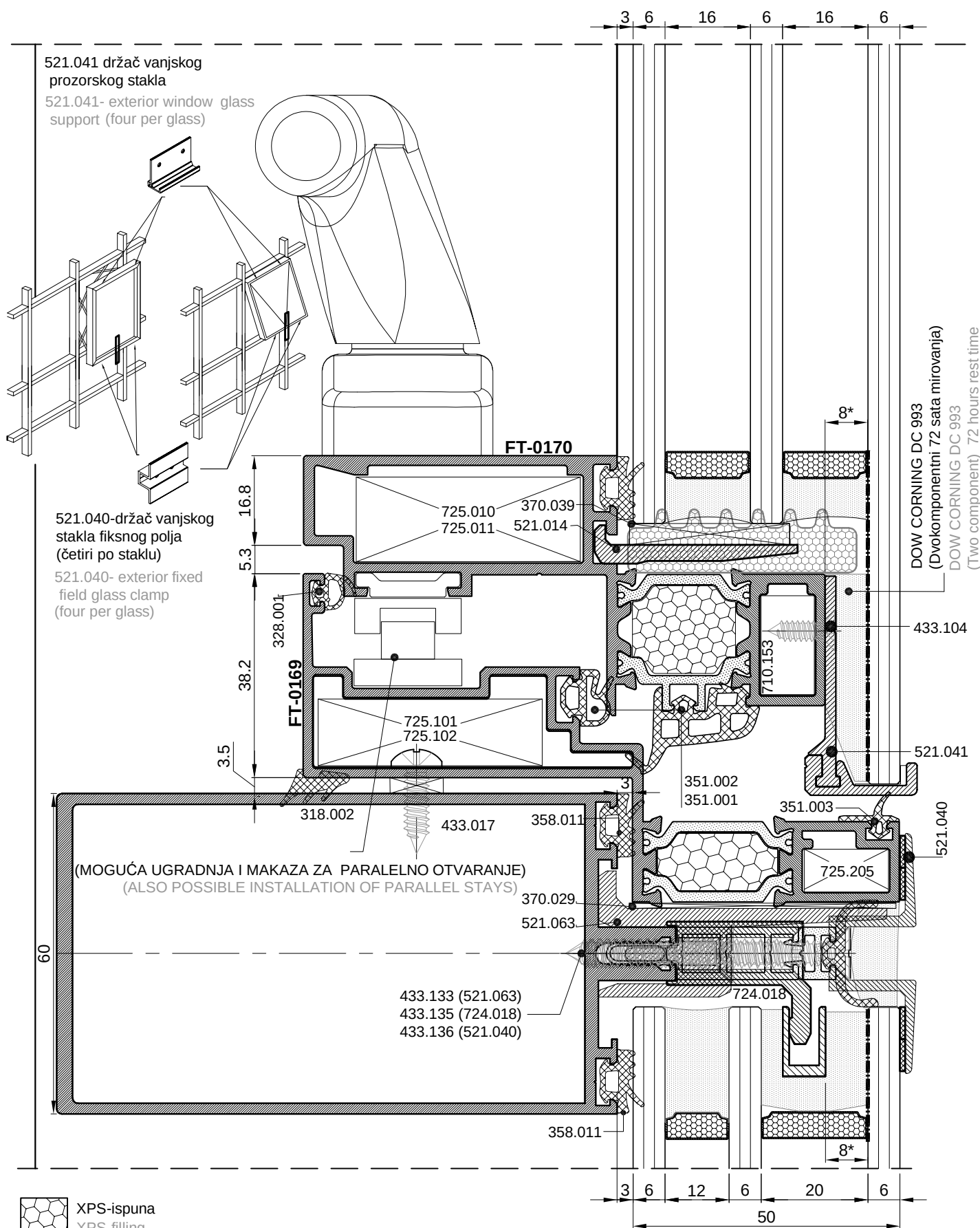
***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

****VANJSKA STRANA PROFILA FT-0170 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

***EXTERIOR SIDE OF PROFILES FT-0170 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO
EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*



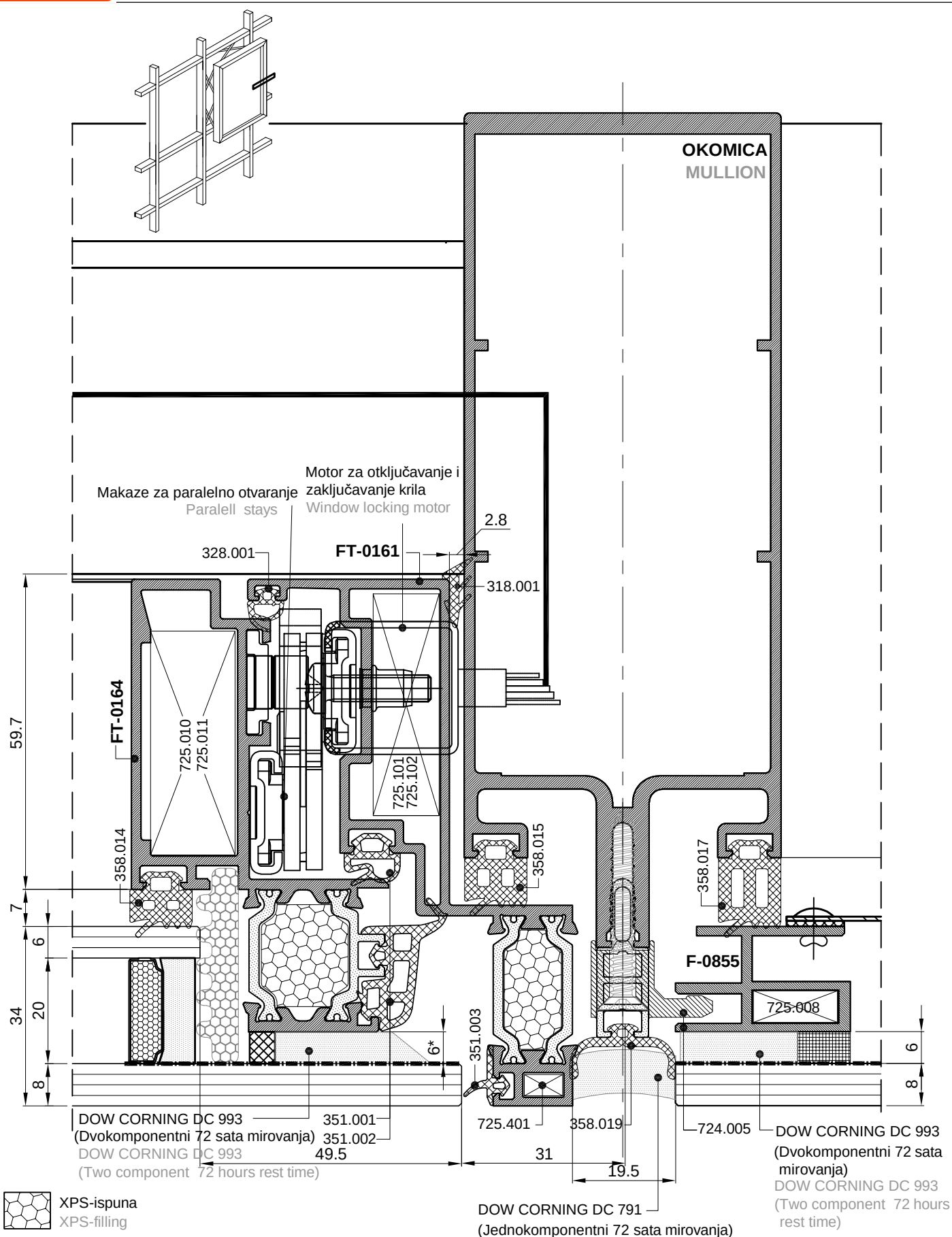
***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

****VANJSKA STRANA PROFILA FT-0170 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILES FT-0170 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO
EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*



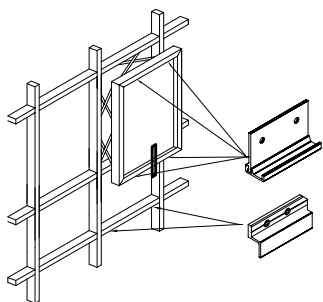
***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

****VANJSKA STRANA PROFILA FT-0164 I F-0885 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILES FT-0164 AND F-0885 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*

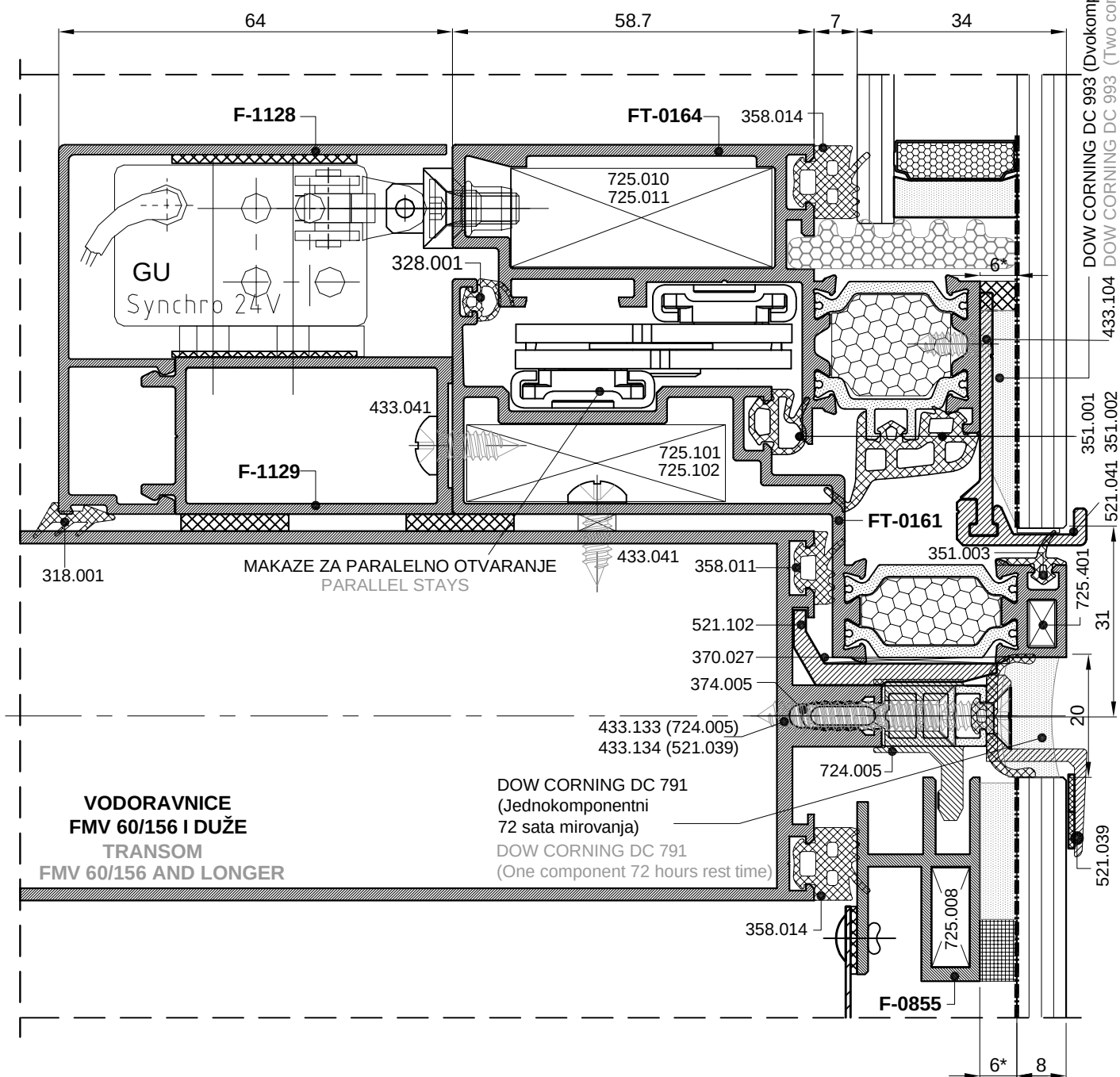


521.041 držač
vanjskog prozorskog
stakla (četiri po staklu)

521.041- exterior
window glass support
(four per glass)

521.039-držač vanjskog stakla
fiksno polja (četiri po staklu)

521.039- exterior fixed field
glass clamp (four per glass)



XPS-ispuna
XPS-filling

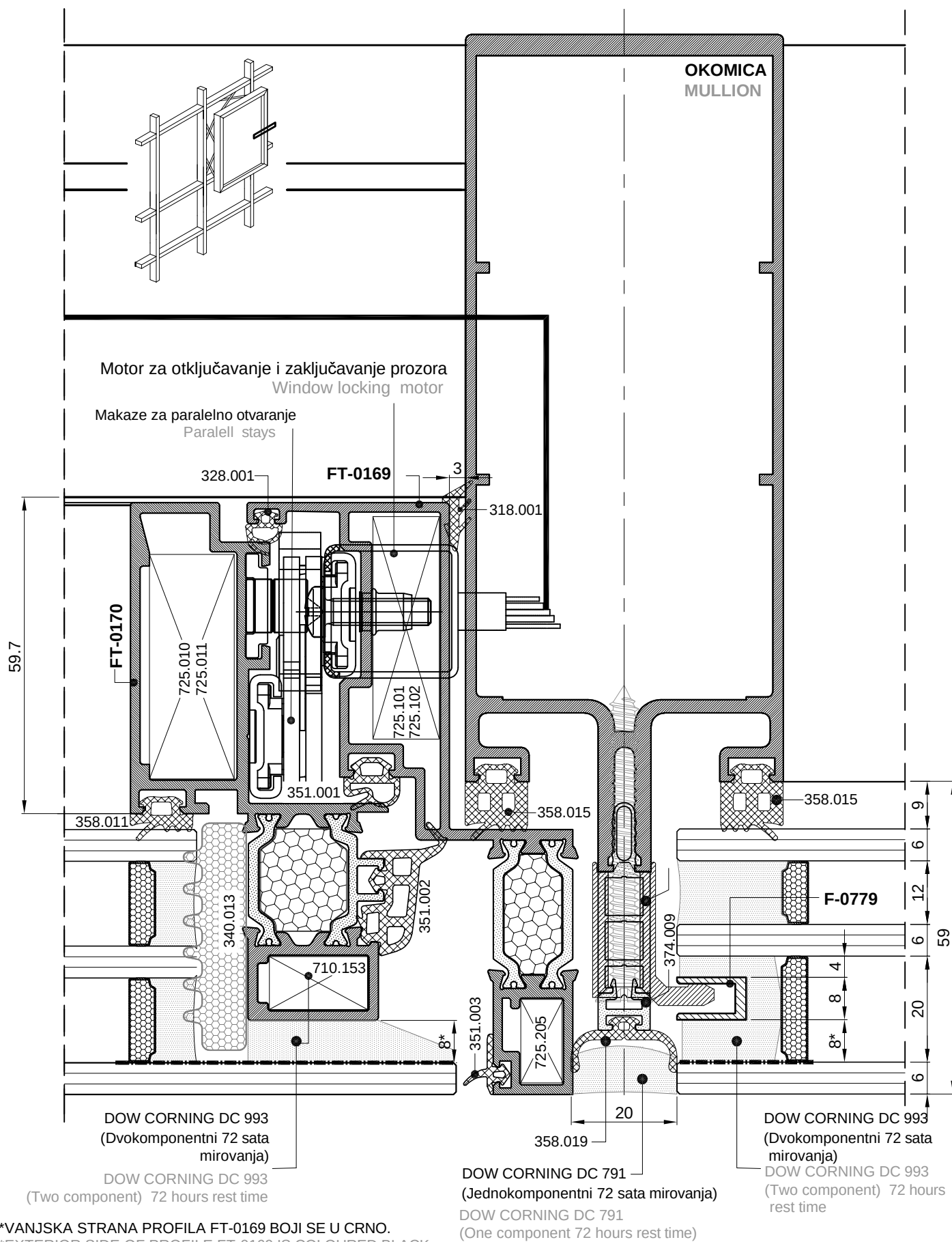
***VANJSKA STRANA PROFILA FT-0161 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0161 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0164 I F-0885 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0164 AND F-0885 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*



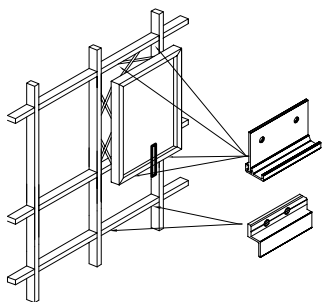
***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0170 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

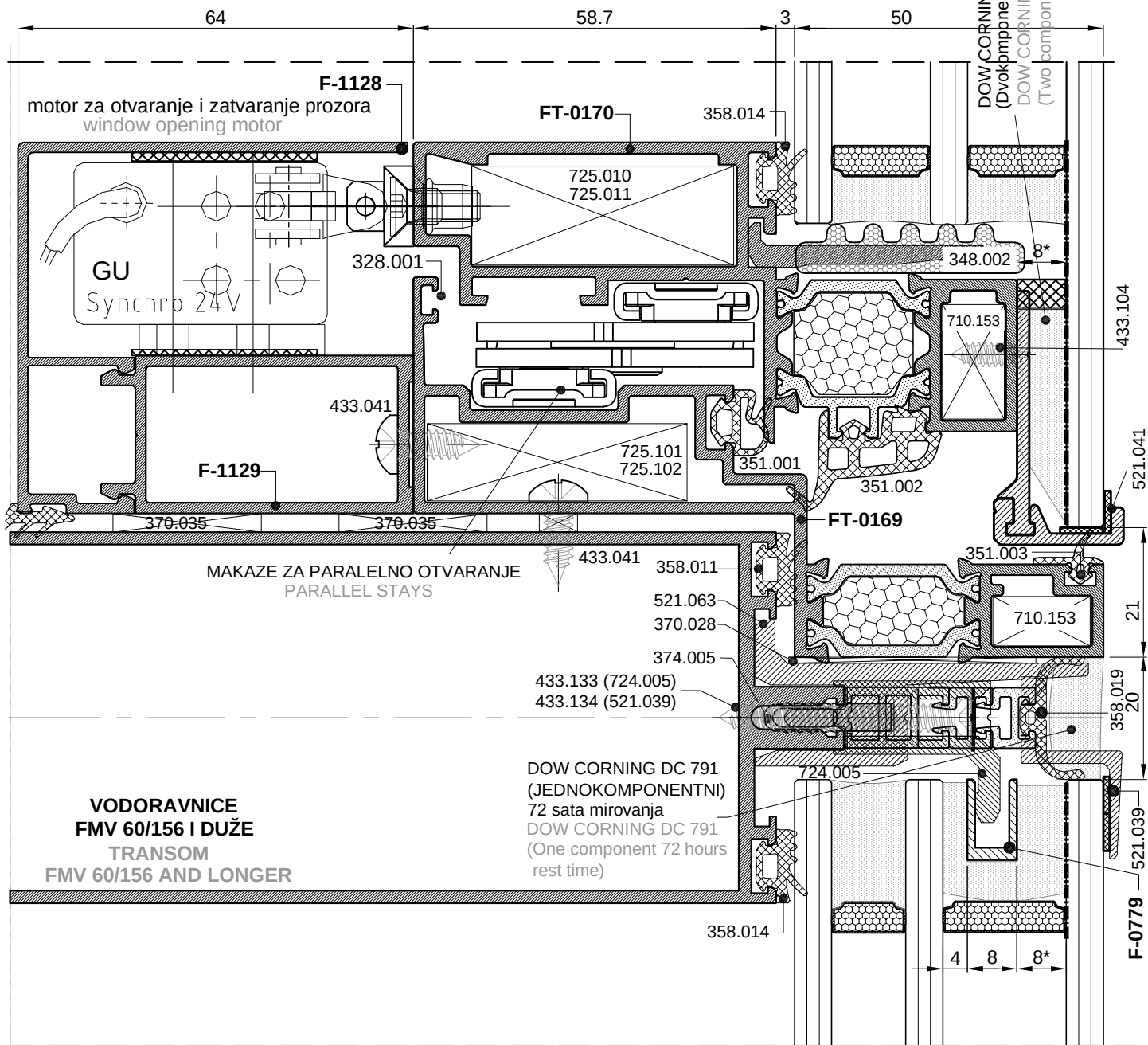
**EXTERIOR SIDE OF PROFILES FT-0170 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA 6 min mm *STRUCTURAL SEALANT THICKNESS min 6 mm*



521.041 držač
vanjskog prozorskog
stakla (četiri po staklu)
521.041- exterior
window glass support
(four per glass)

521.039- držač vanjskog stakla
fiksno polja (četiri po staklu)
521.039- exterior fixed field
glass clamp (four per glass)



XPS-ispuna
XPS-filling

***VANJSKA STRANA PROFILA FT-0169 BOJI SE U CRNO.

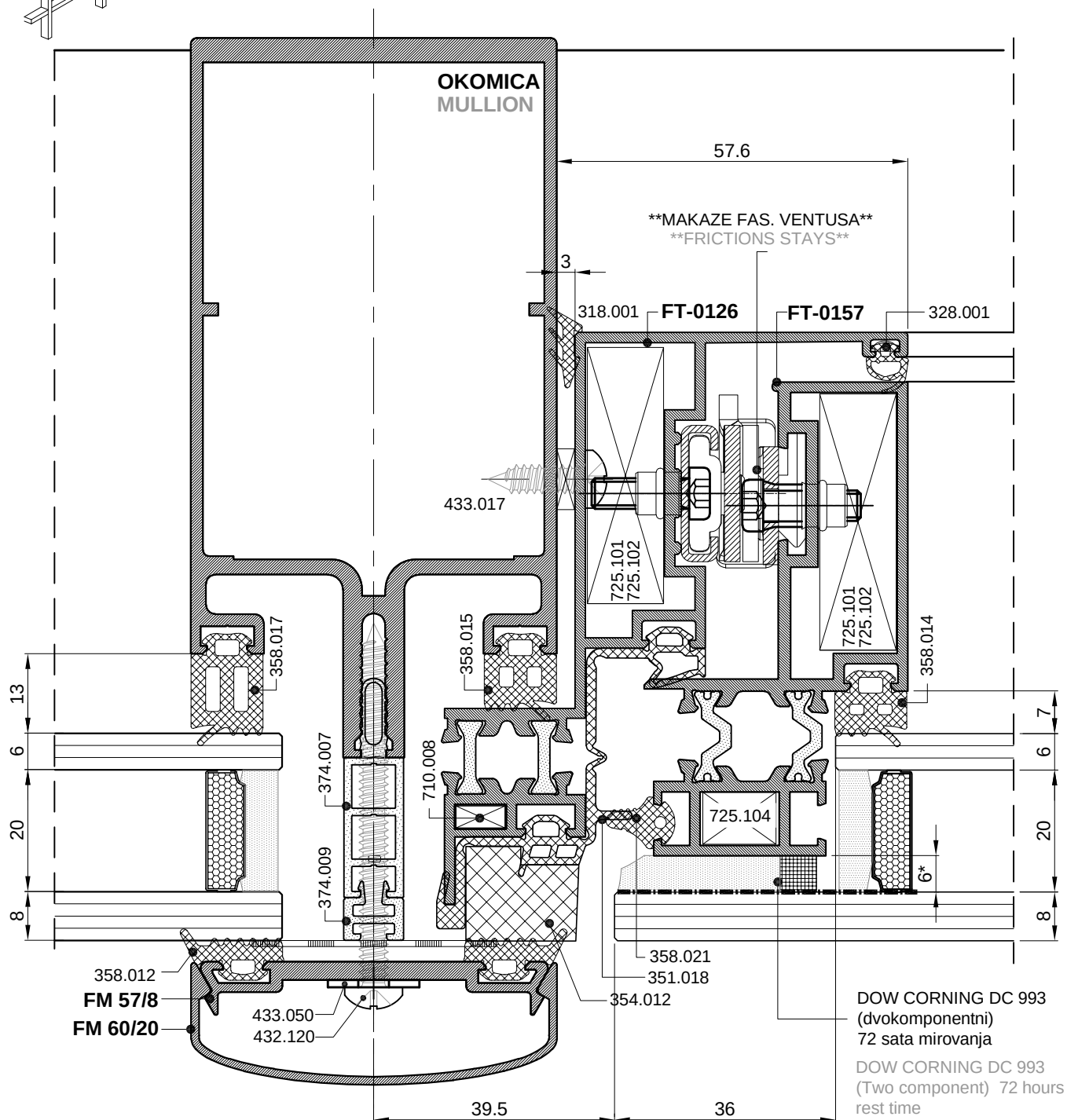
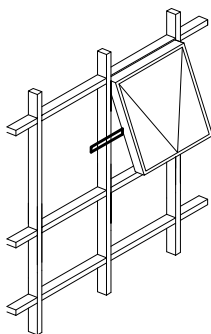
***EXTERIOR SIDE OF PROFILE FT-0169 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0170 I F-0779 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILES FT-0170 AND F-0779 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA 6 min mm *STRUCTURAL SEALANT THICKNESS min 6 mm*

Fasada s ovješnim ventusom
- vertikalna poklopna lajsna
Facade with top hung vent
- vertical cover cap

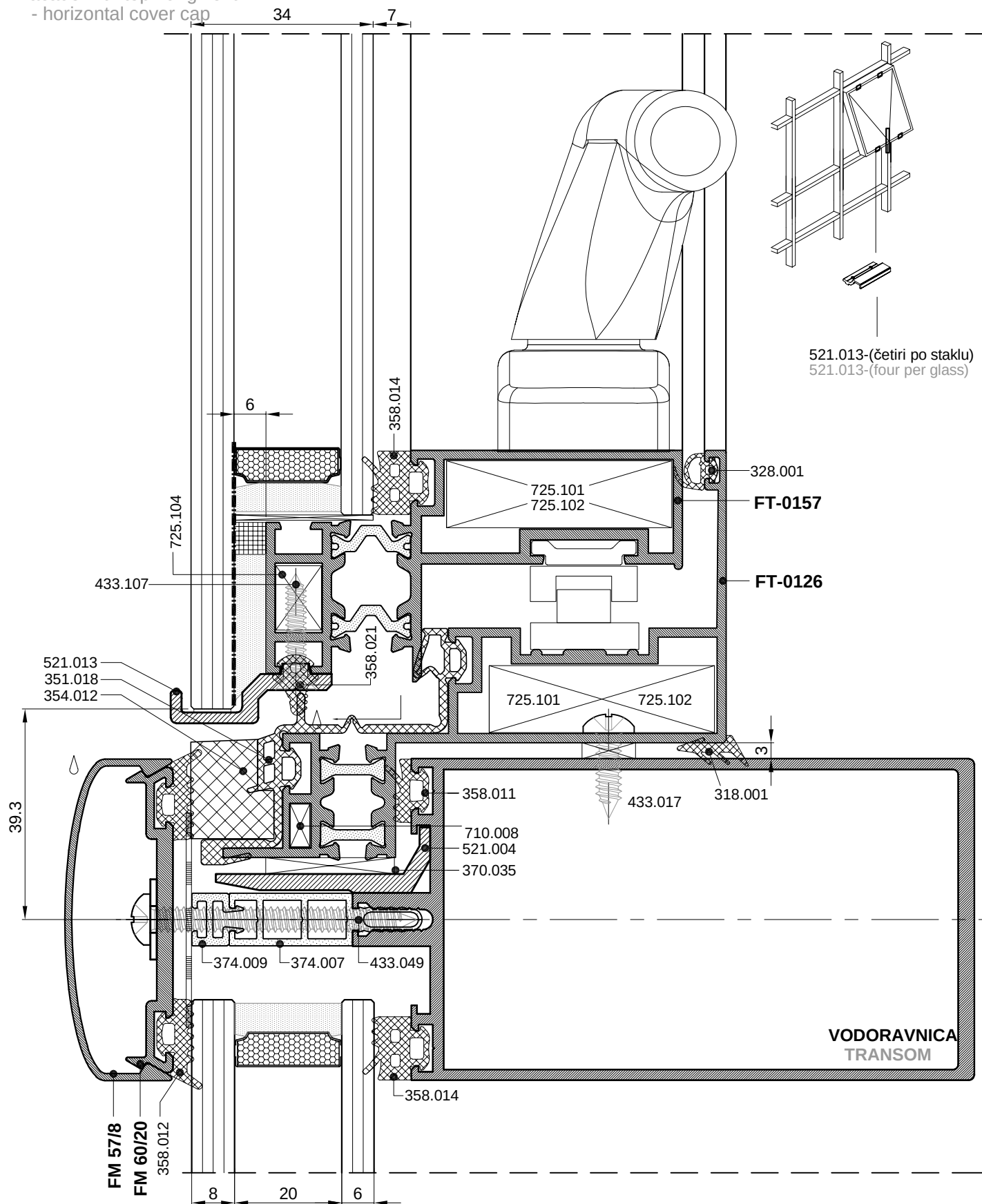


****VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

**EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO
EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*

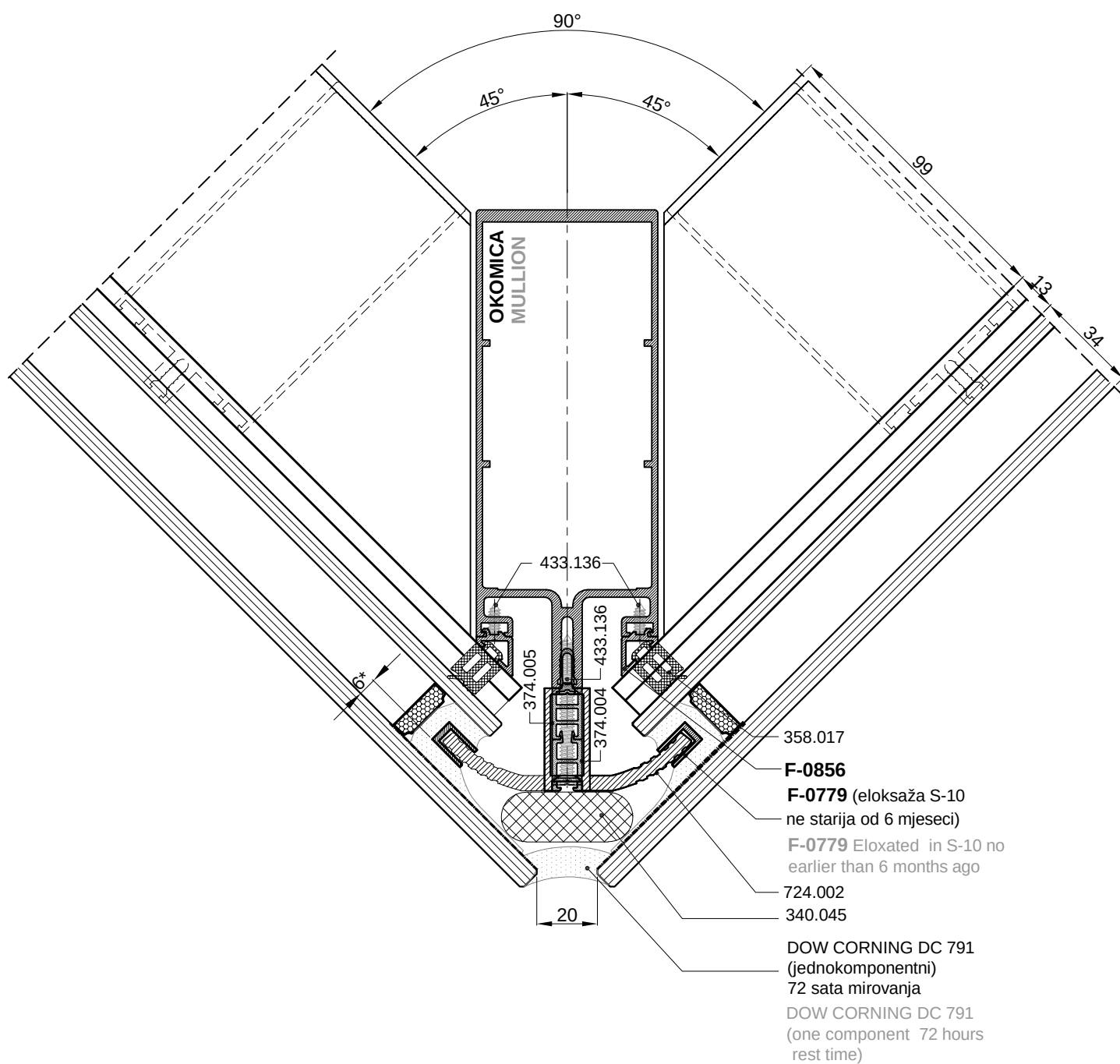
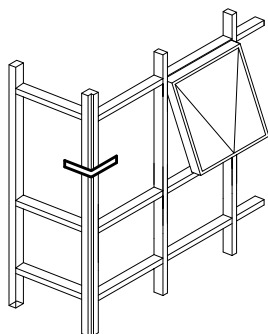
Fasada s ovješnim ventusom
 - horizontalna poklopna lajsna
 Facade with top hung vent
 - horizontal cover cap

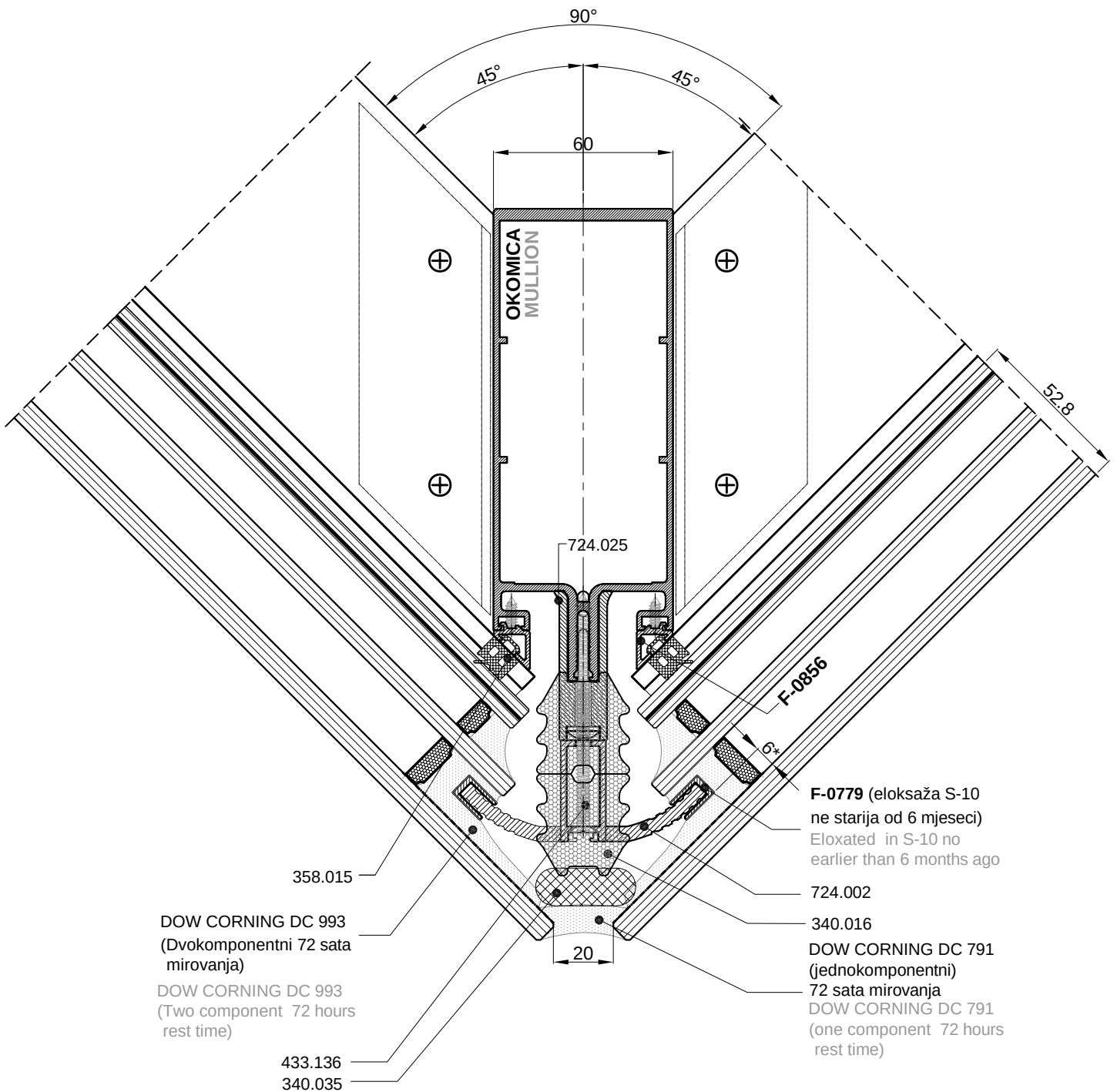
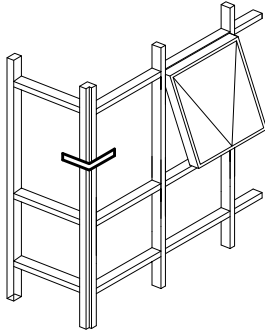


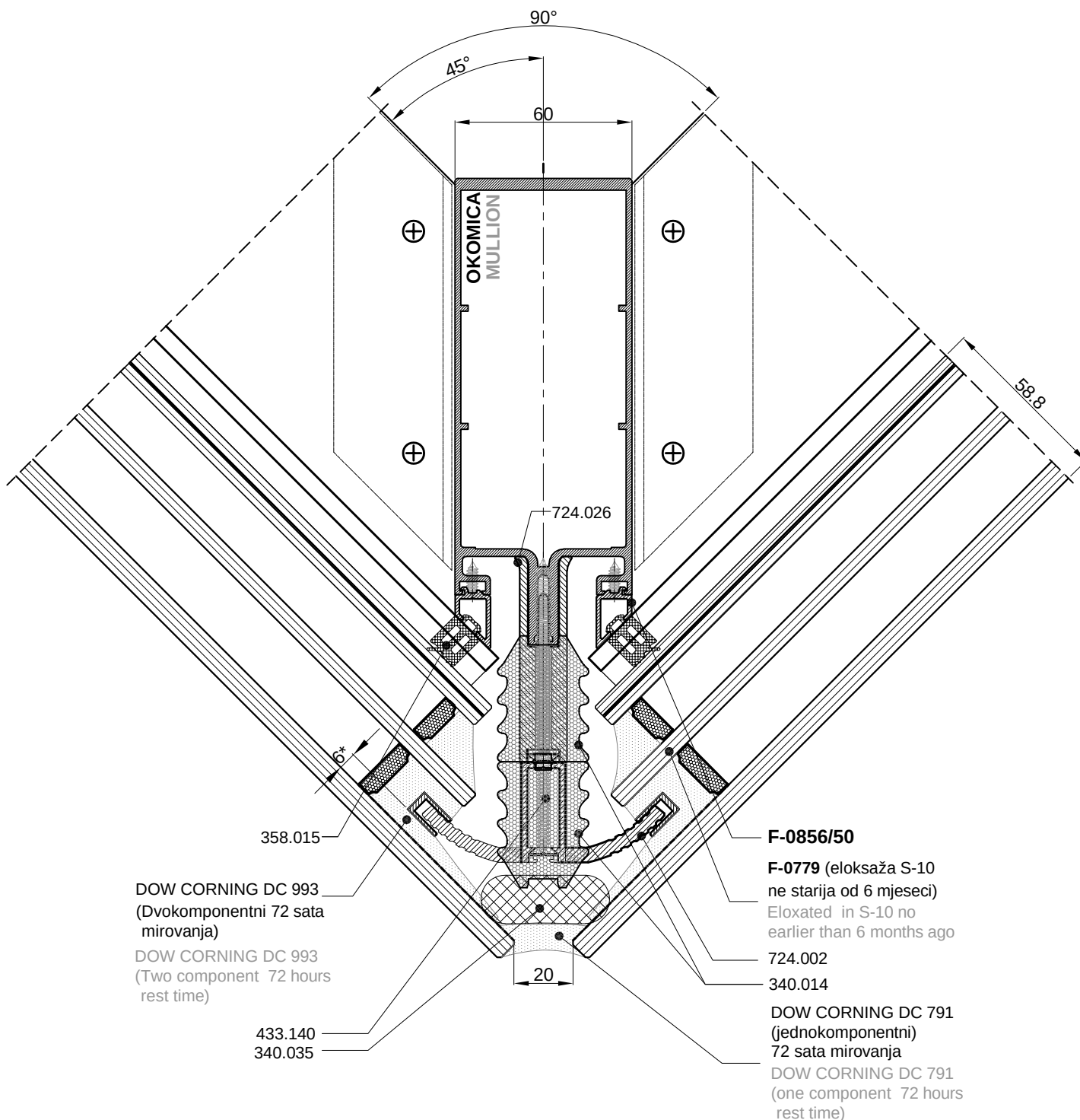
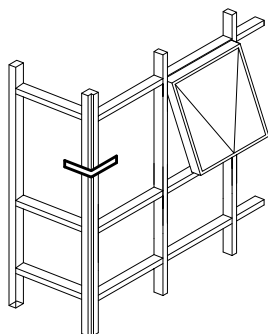
****VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI**

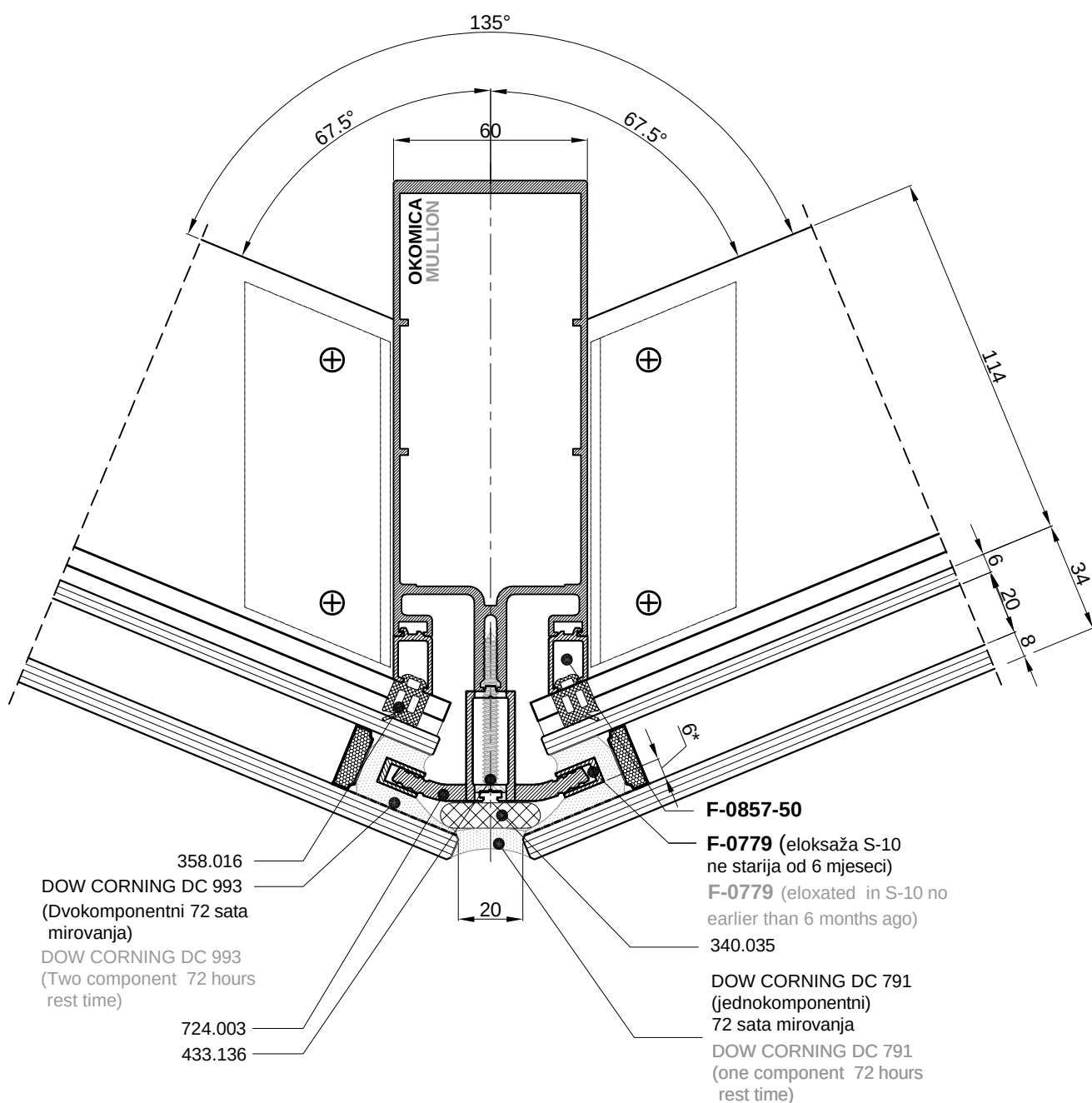
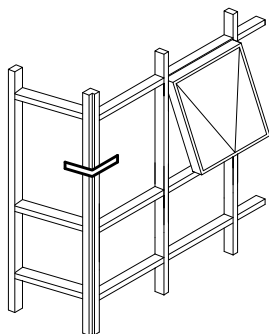
****EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO**

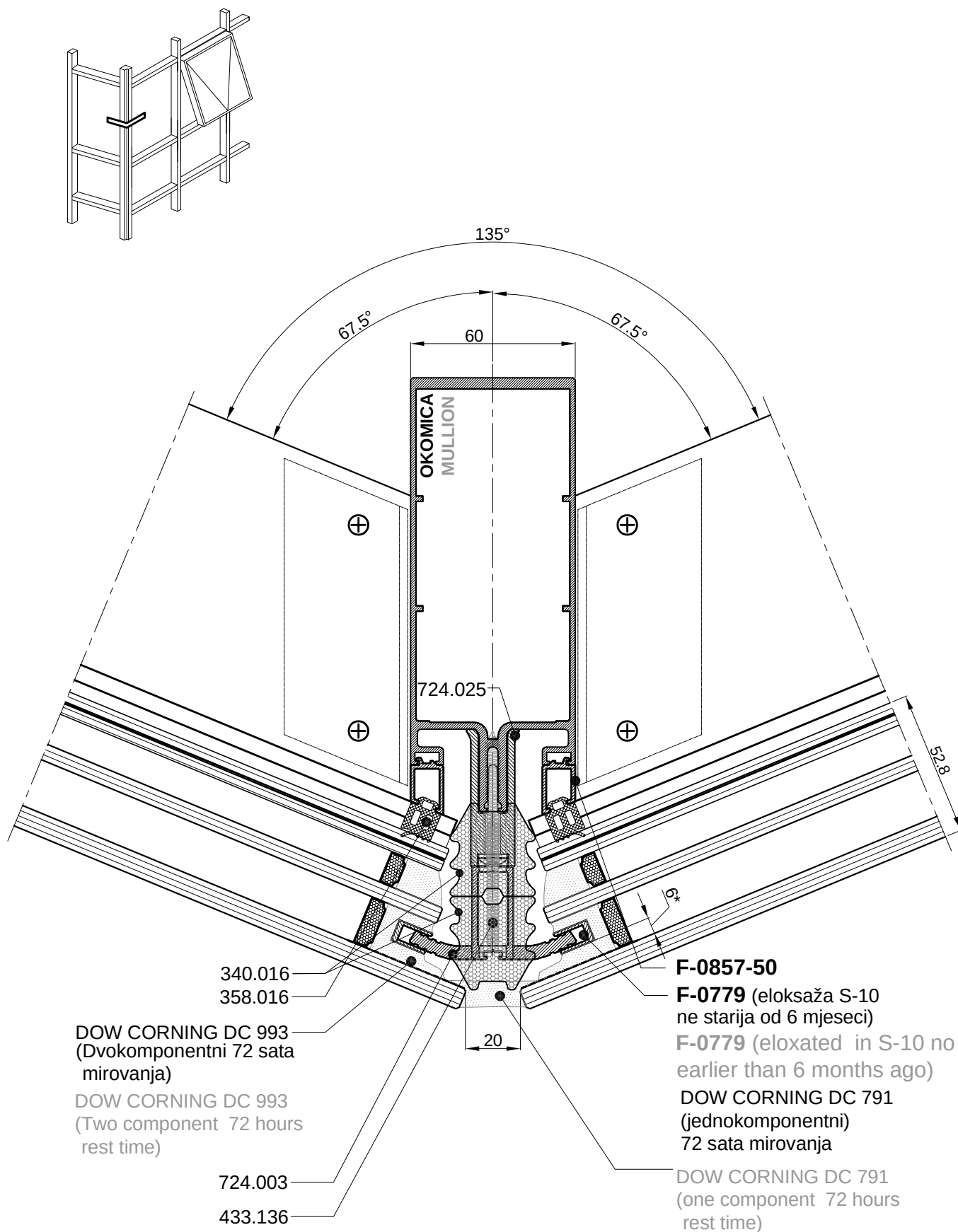
DEBLJINA STRUKTURALNOG KITA min 6 mm* *STRUCTURAL SEALANT THICKNESS min 6 mm

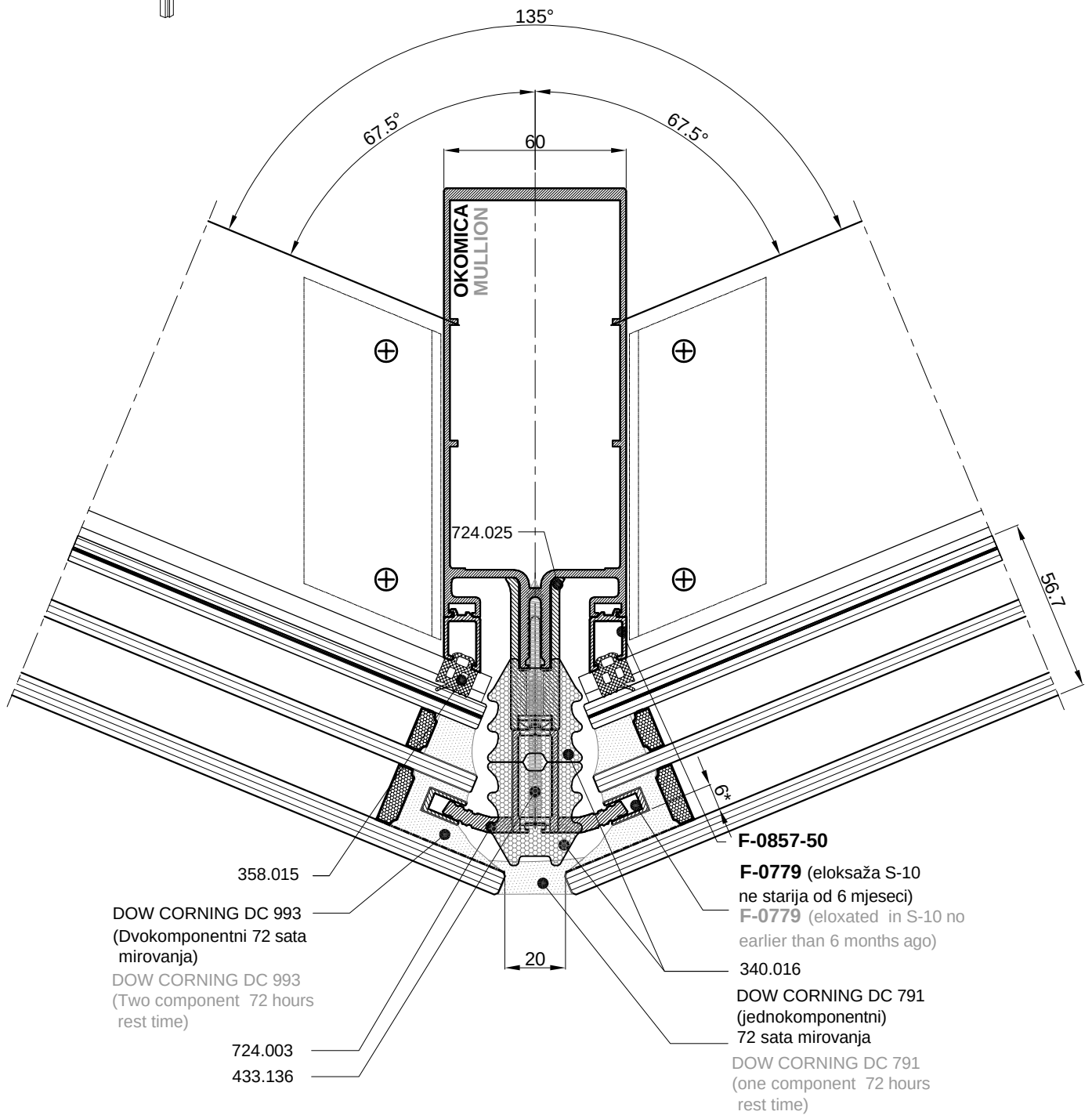
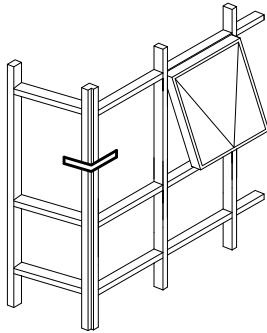


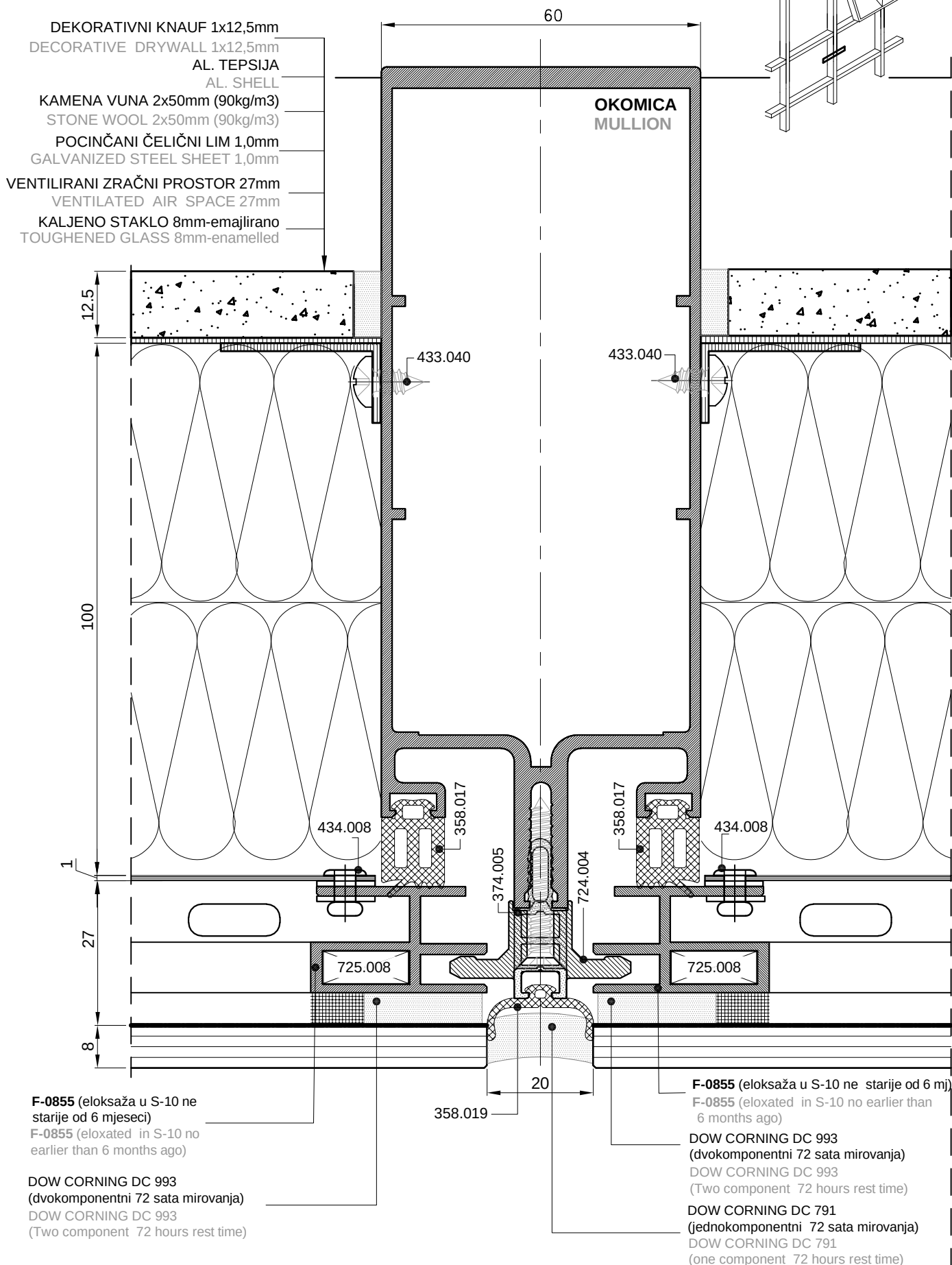


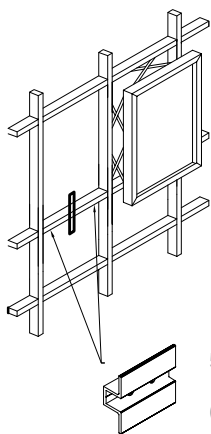






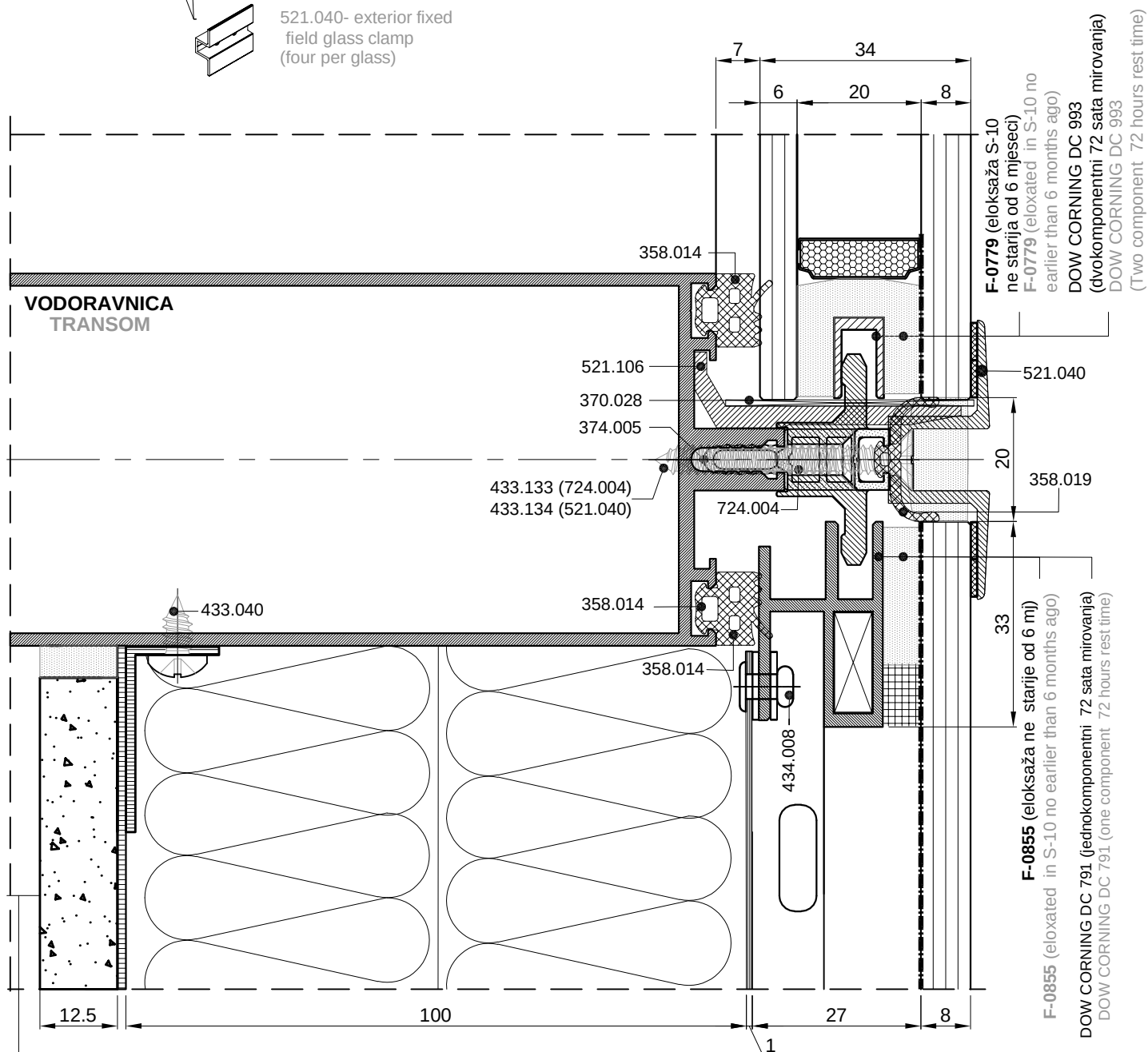




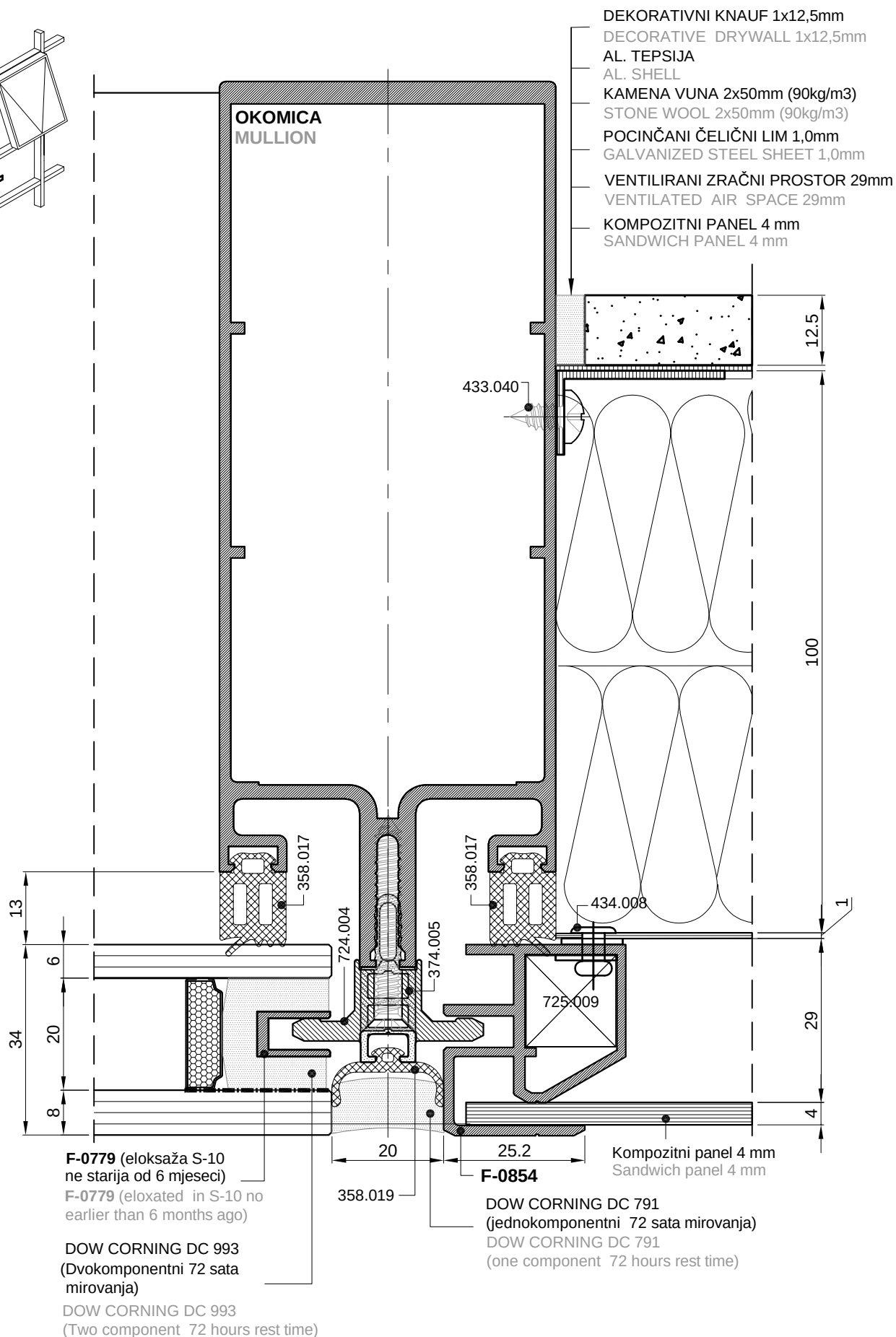
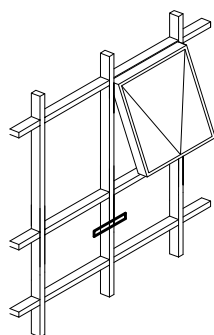


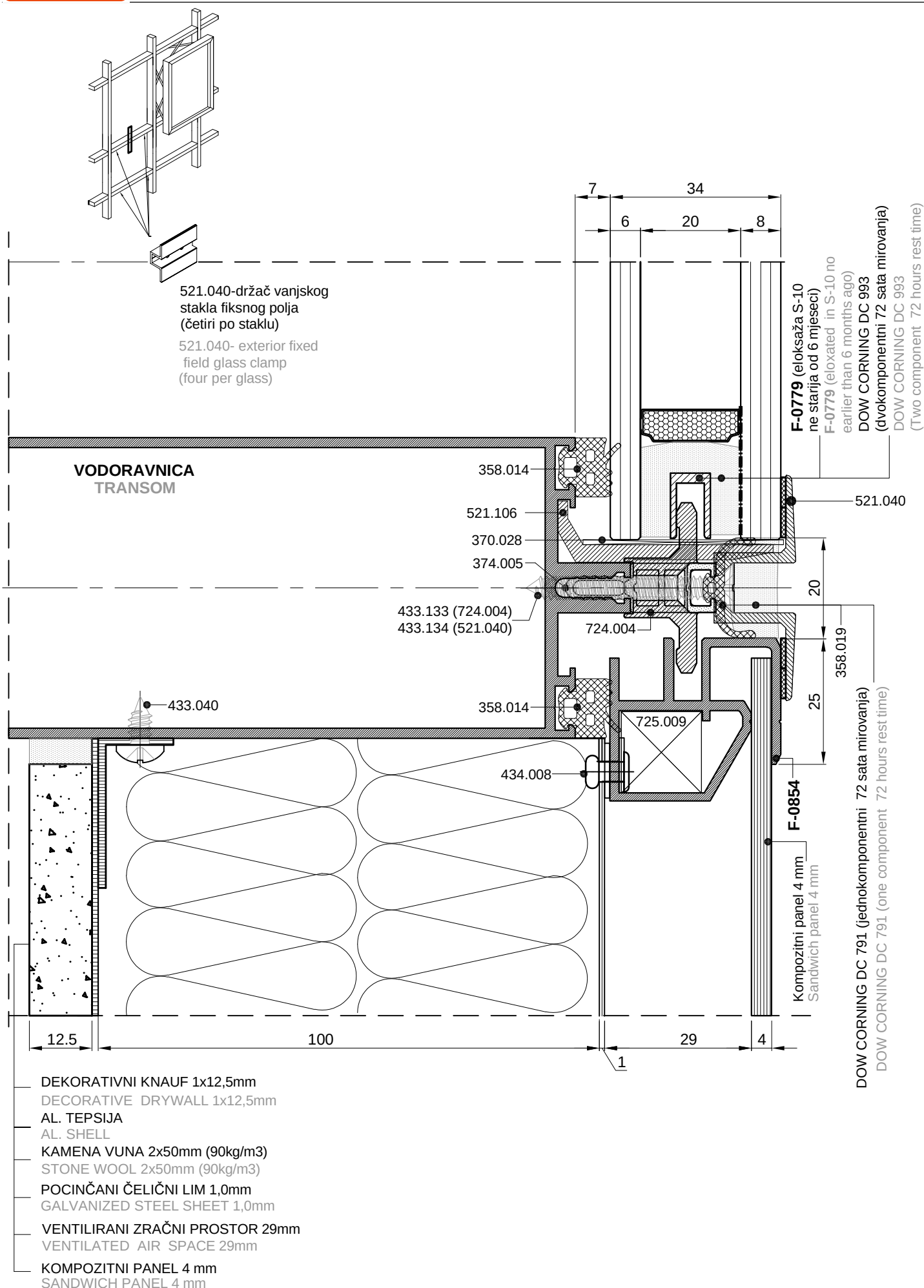
521.040-držač vanjskog
stakla fiksnog polja
(četiri po staklu)

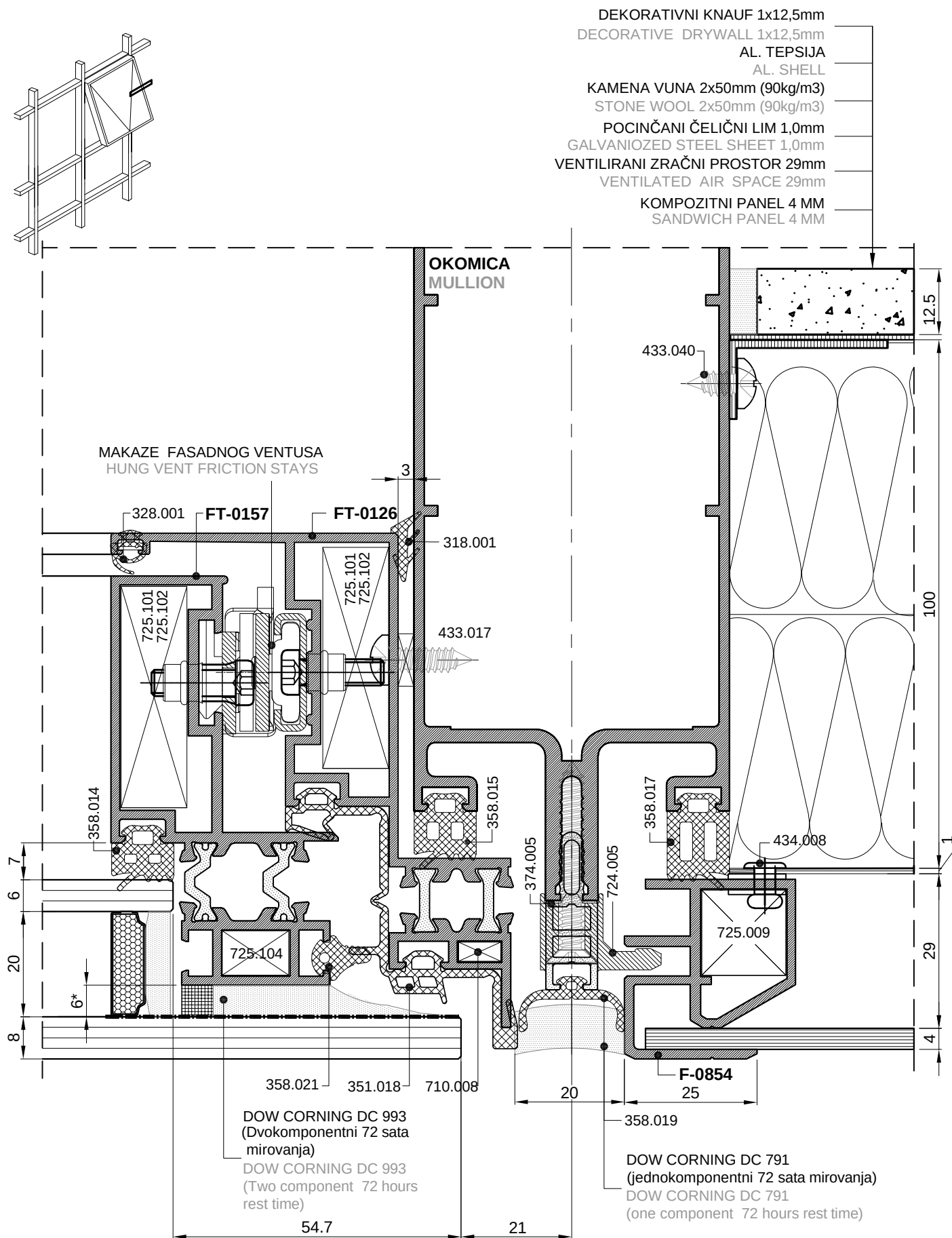
521.040- exterior fixed
field glass clamp
(four per glass)



DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
AL. SHELL
KAMENA VUNA 2x50mm (90kg/m3)
STONE WOOL 2x50mm (90kg/m3)
POCINČANI ČELIČNI LIM 1,0mm
GALVANIZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 27mm
VENTILATED AIR SPACE 27mm
KALJENO STAKLO 8mm-emajlirano
TOUGHENED GLASS 8mm-enamelled



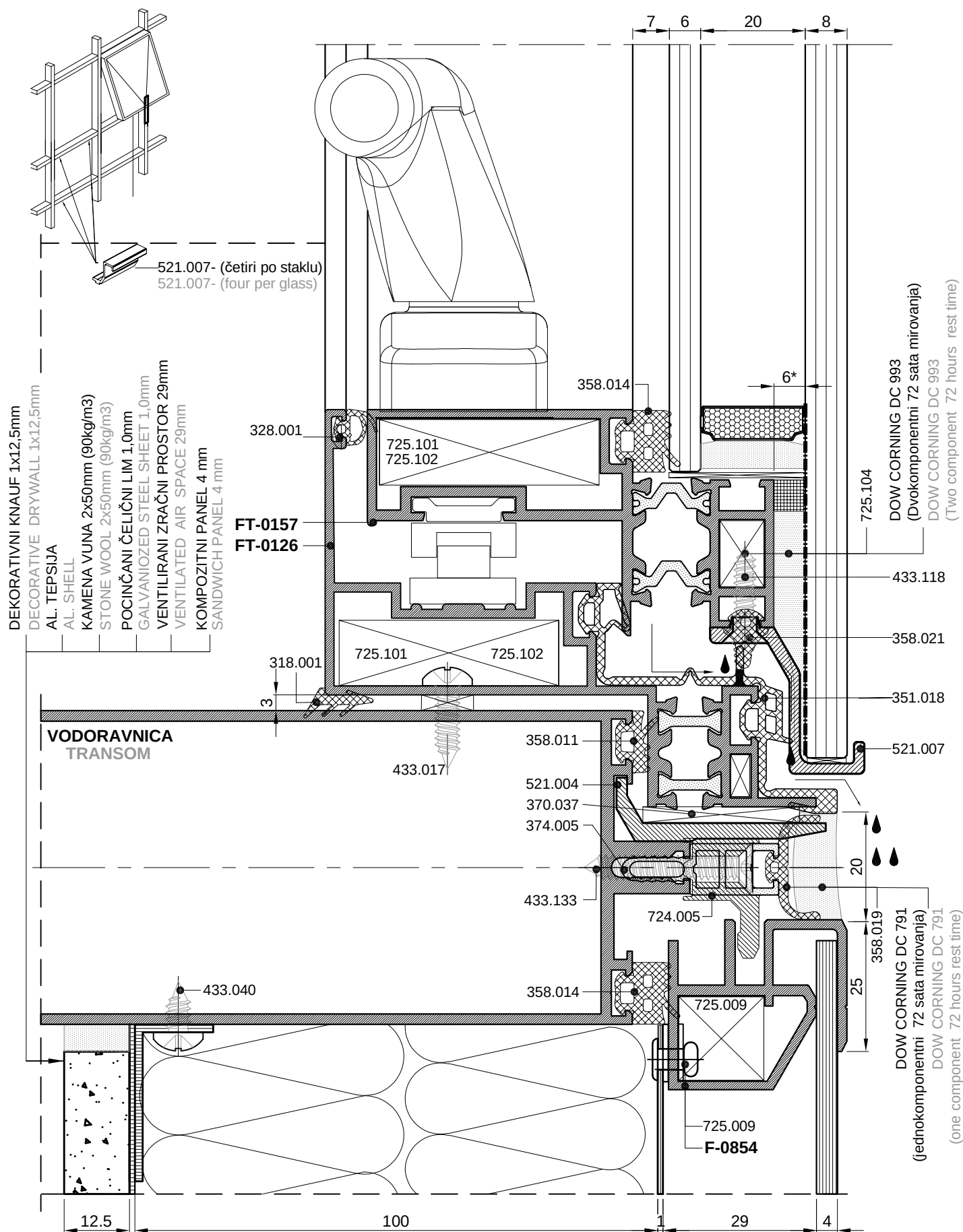




**VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO EARLIER THAN 6 MONTHS AGO

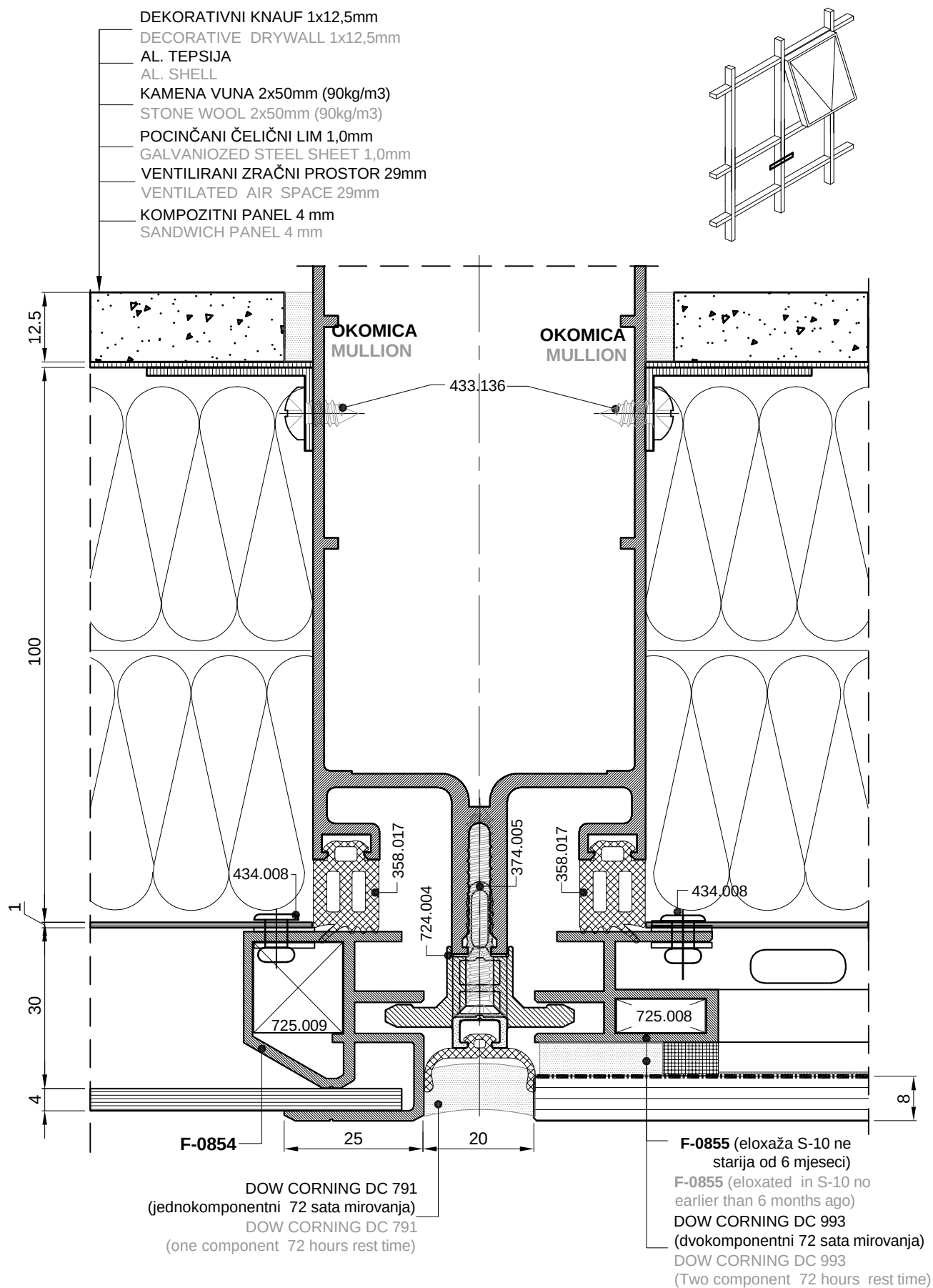
DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*

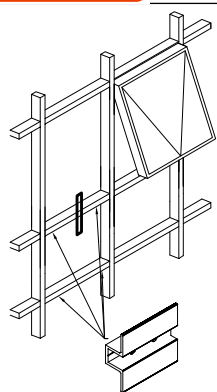


**VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

**EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO
EARLIER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6 mm *STRUCTURAL SEALANT THICKNESS min 6 mm*

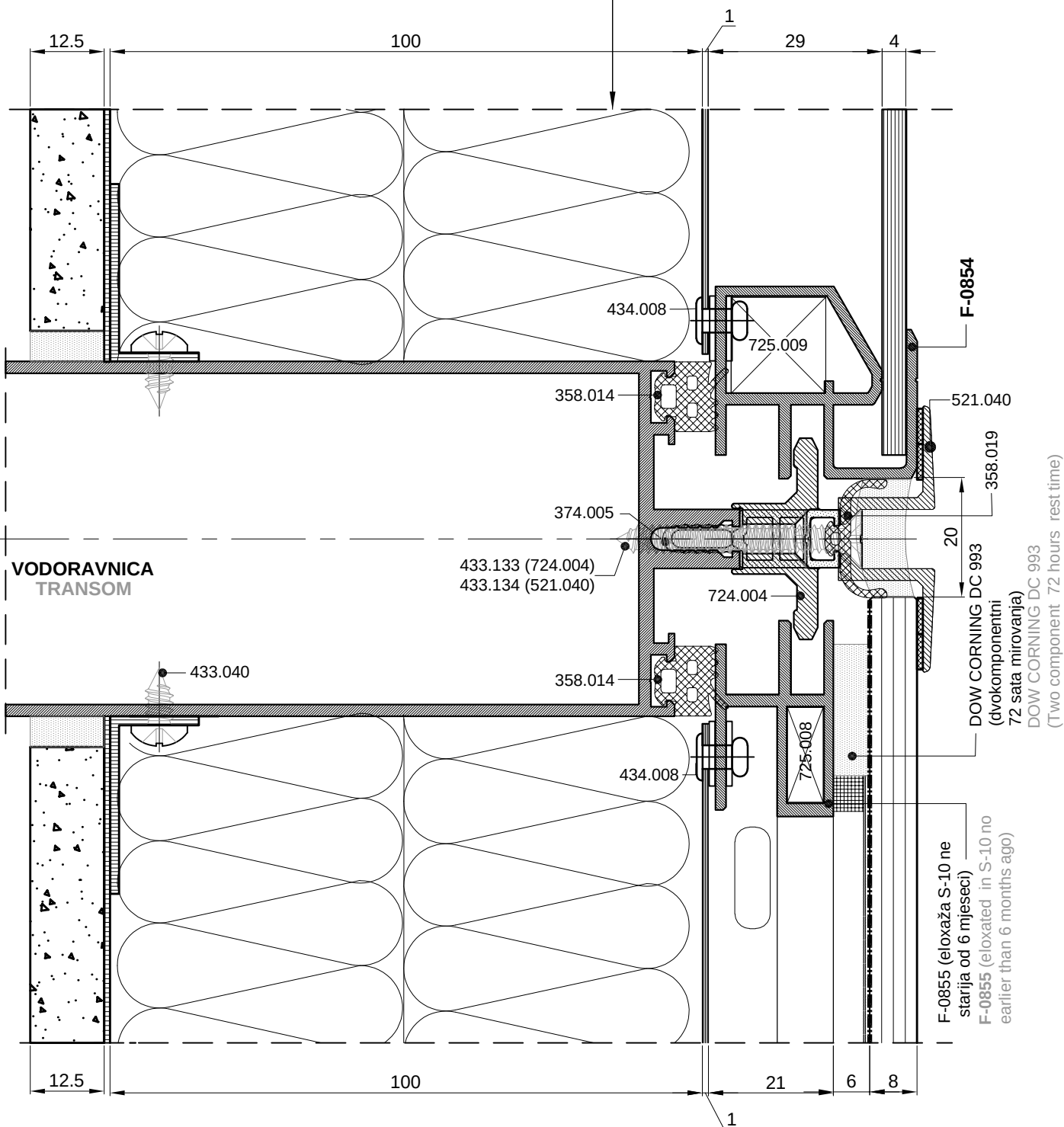


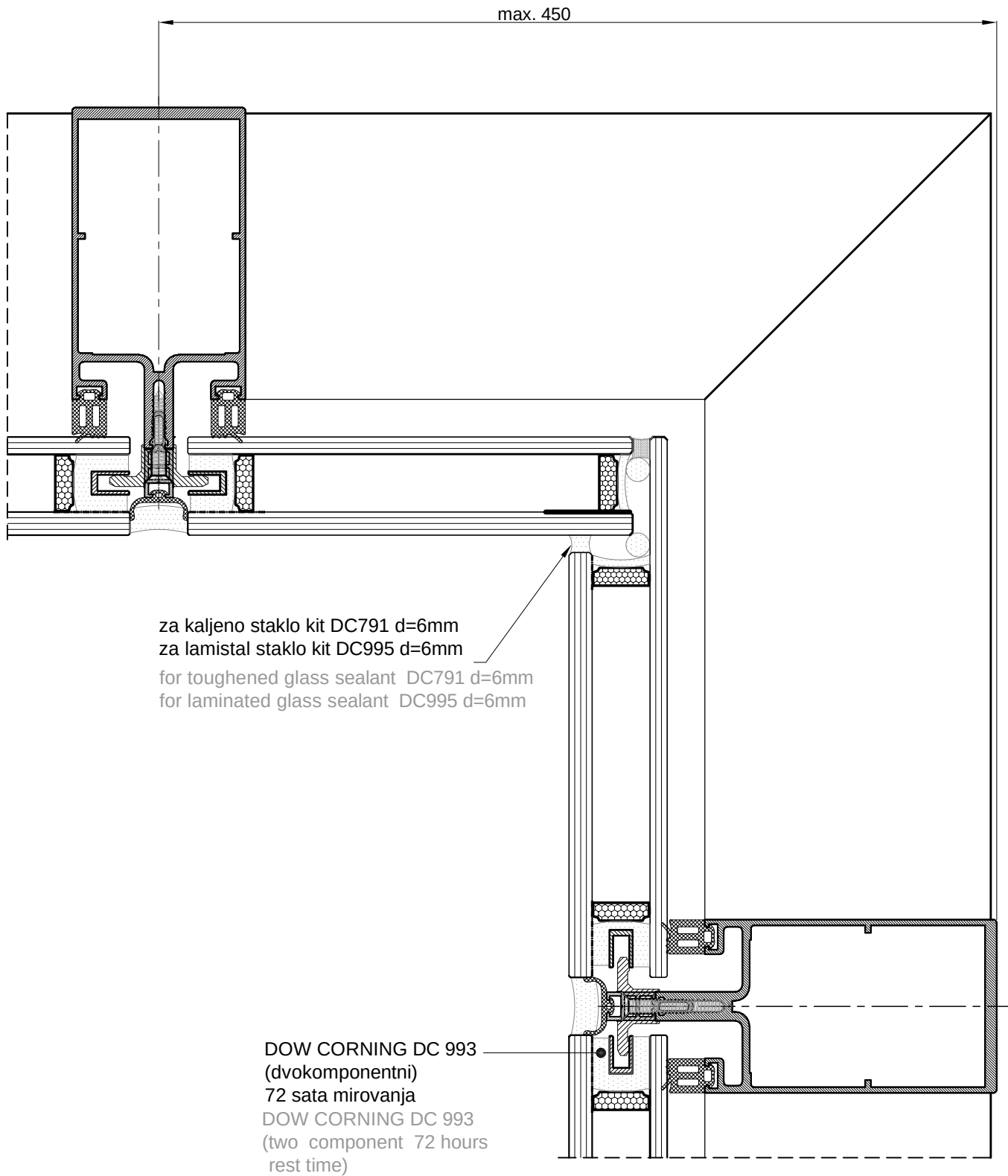


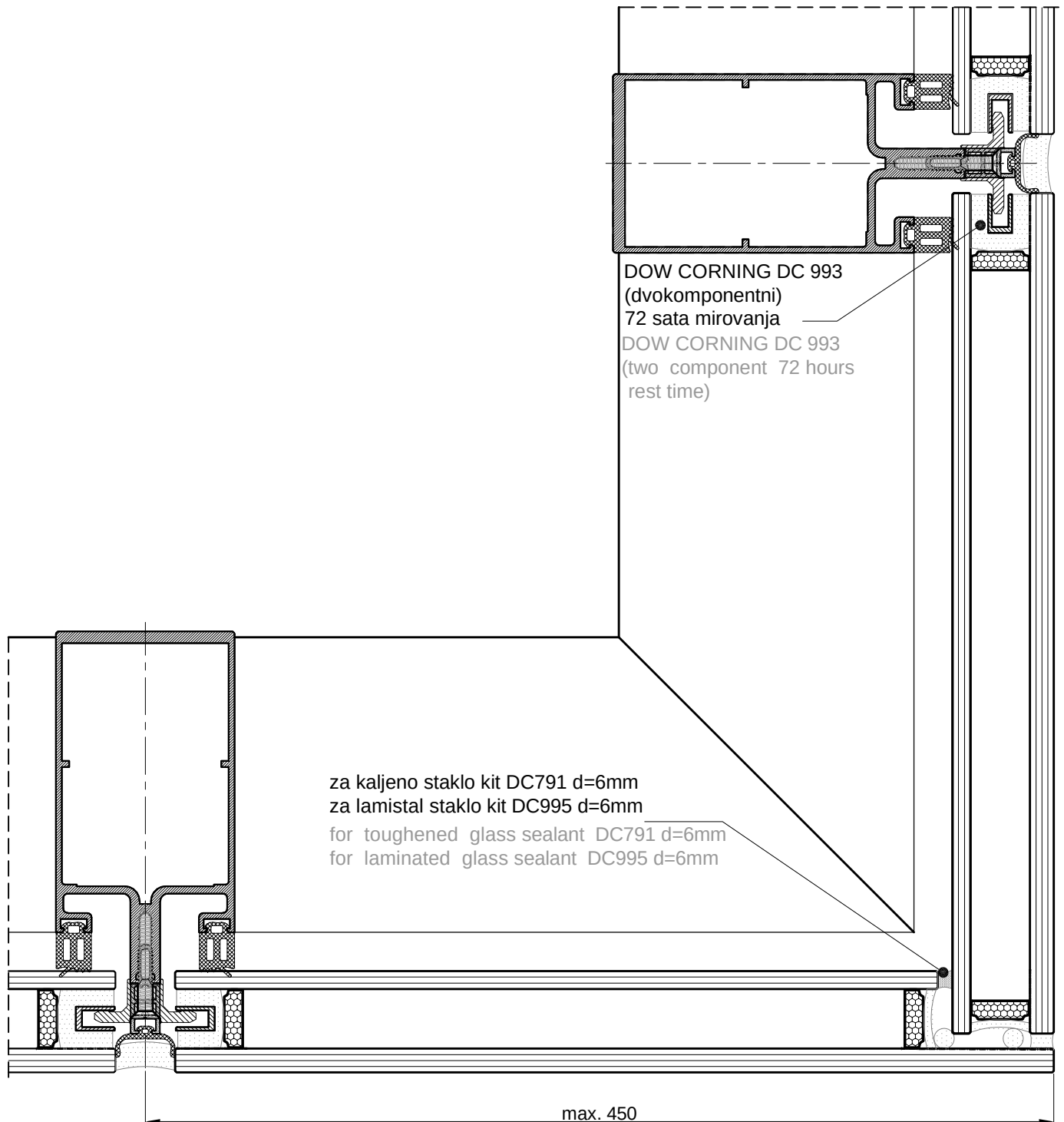
521.040-držač vanjskog
stakla fiksnog polja
(četiri po staklu)

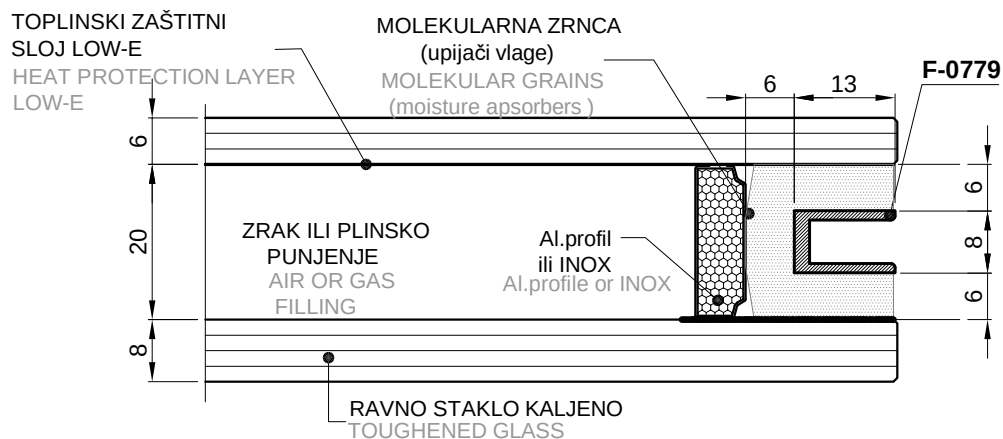
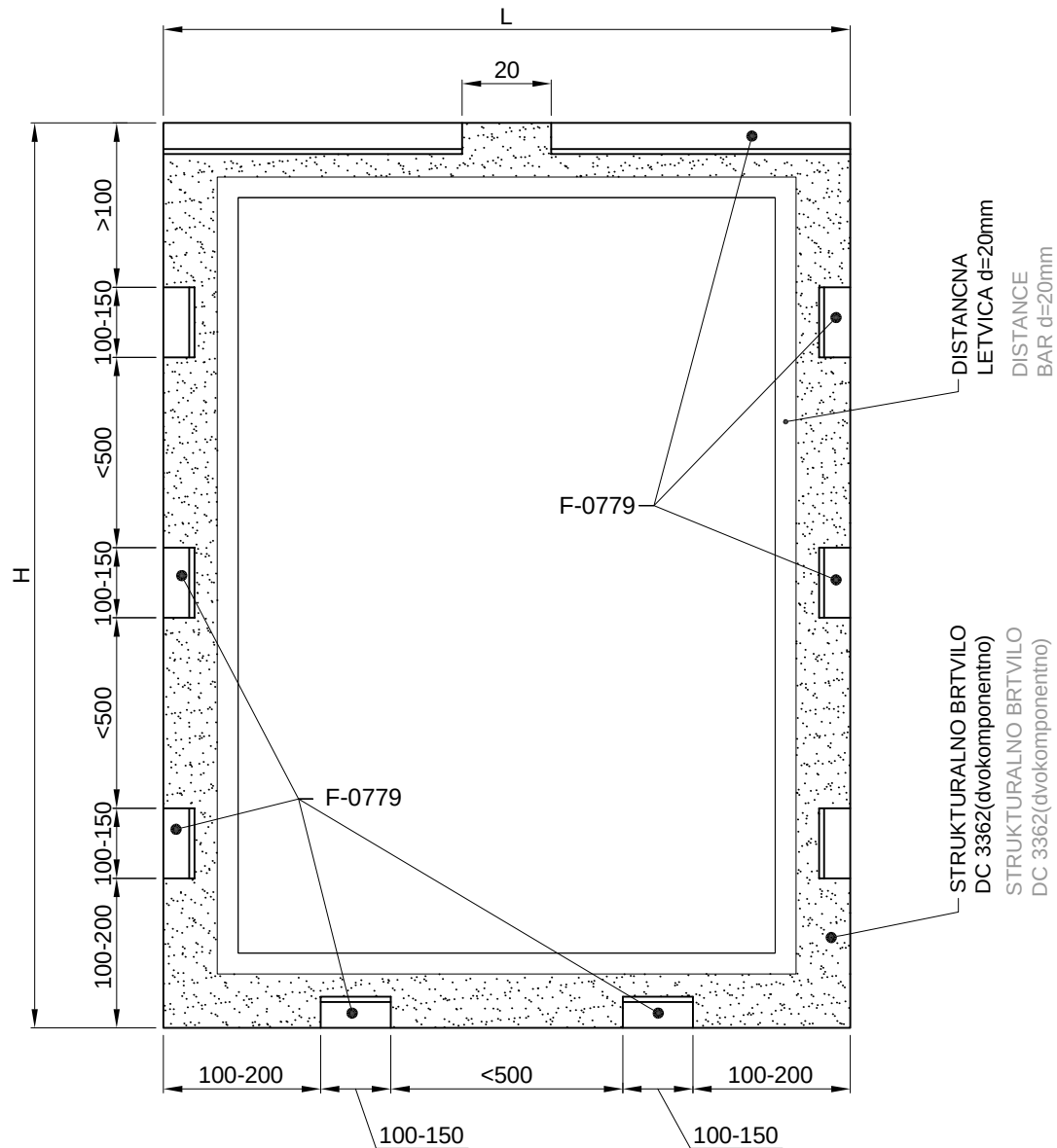
521.040- exterior fixed
field glass clamp
(four per glass)

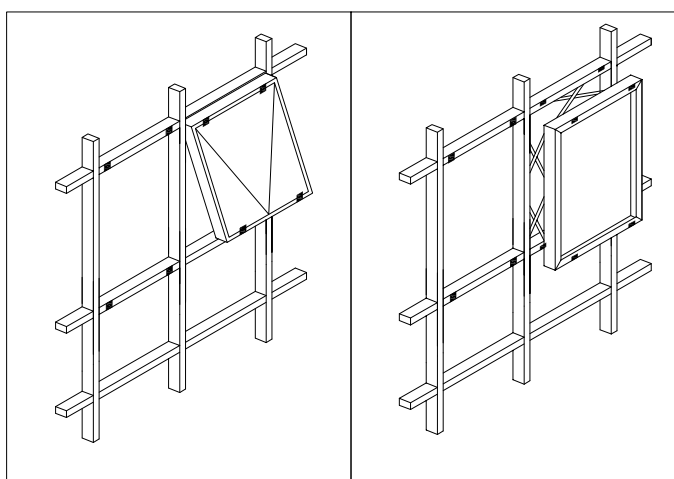
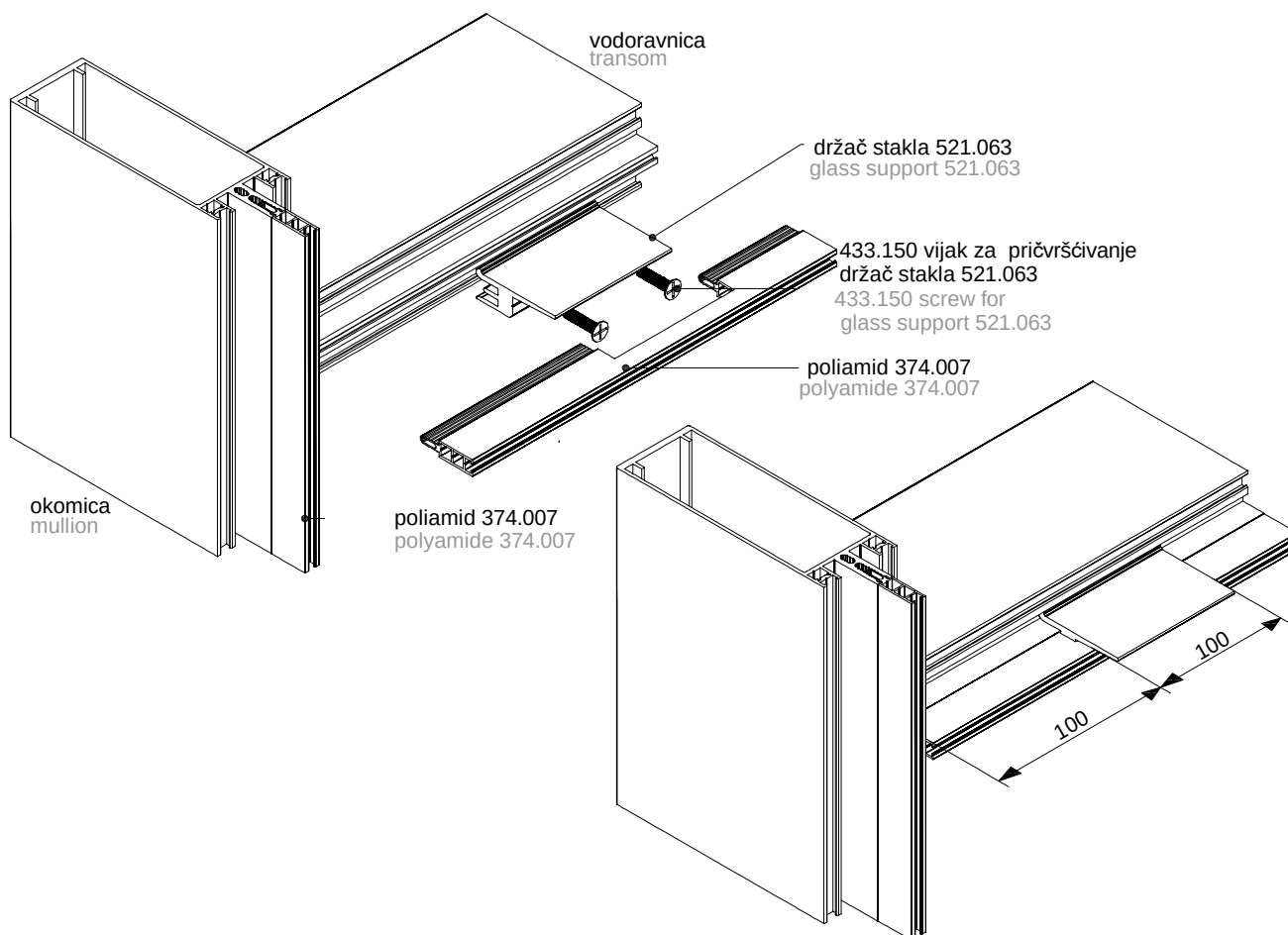
DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
AL. SHELL
KAMENA VUNA 2x50mm (90kg/m3)
STONE WOOL 2x50mm (90kg/m3)
POCINČANI ČELIČNI LIM 1,0mm
GALVANIZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 29mm
VENTILATED AIR SPACE 29mm
KOMPOZITNI PANEL 4 MM
SANDWICH PANEL 4 MM



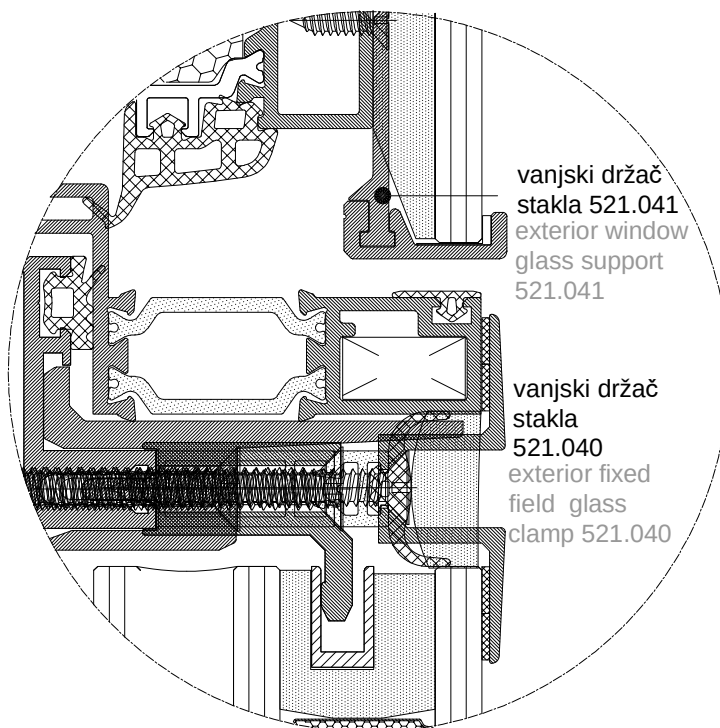








OV 1-Osiguranje vanjskog stakla od ispadanja prema normi DIN EN 13022
Securing the exterior glass from falling out according to the norm DIN EN 13022

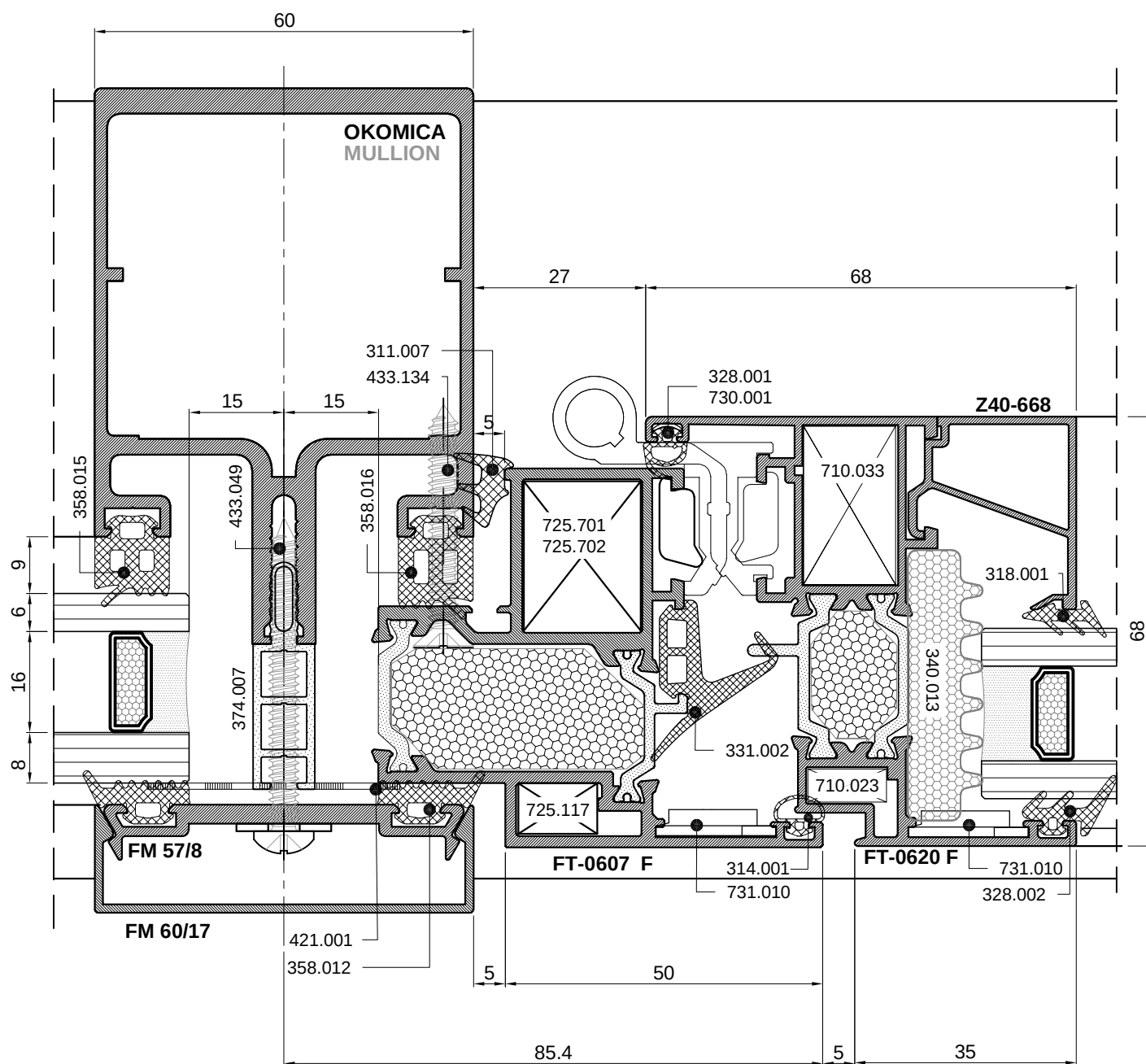
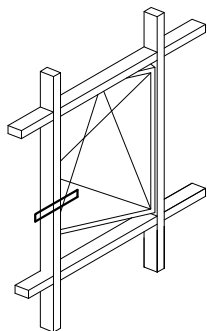


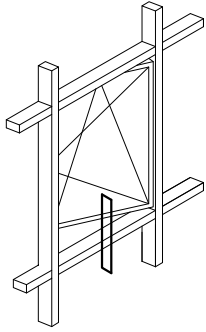
detalji spoja fasade 60K sa serijama

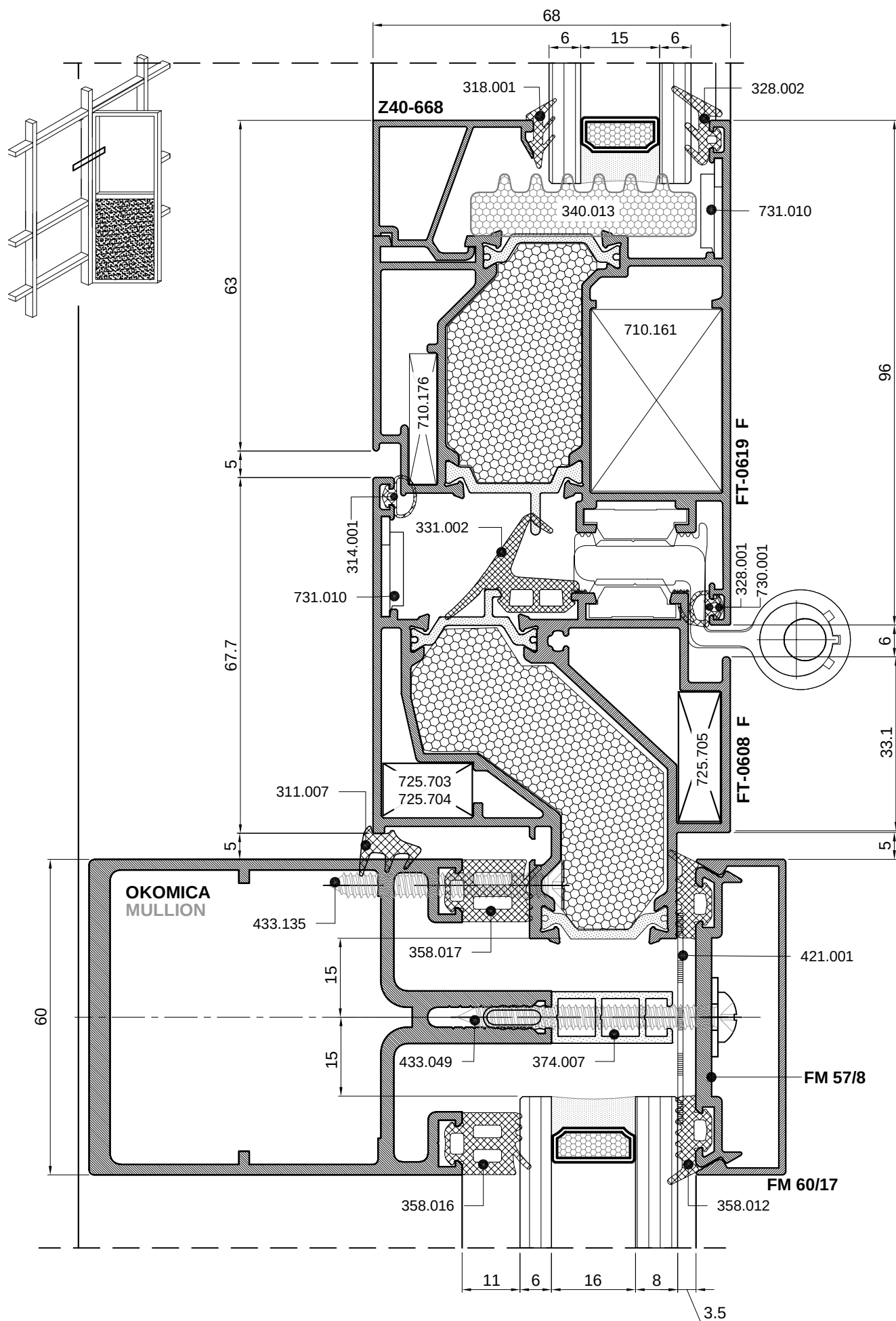
- Termo 60
- Termo 65
- Termo 85
- Termo 85 PA
- Termo85 SK
- Termo 120+
- Termo 150+
- Inowa
- francuski balkon (Termo 85)

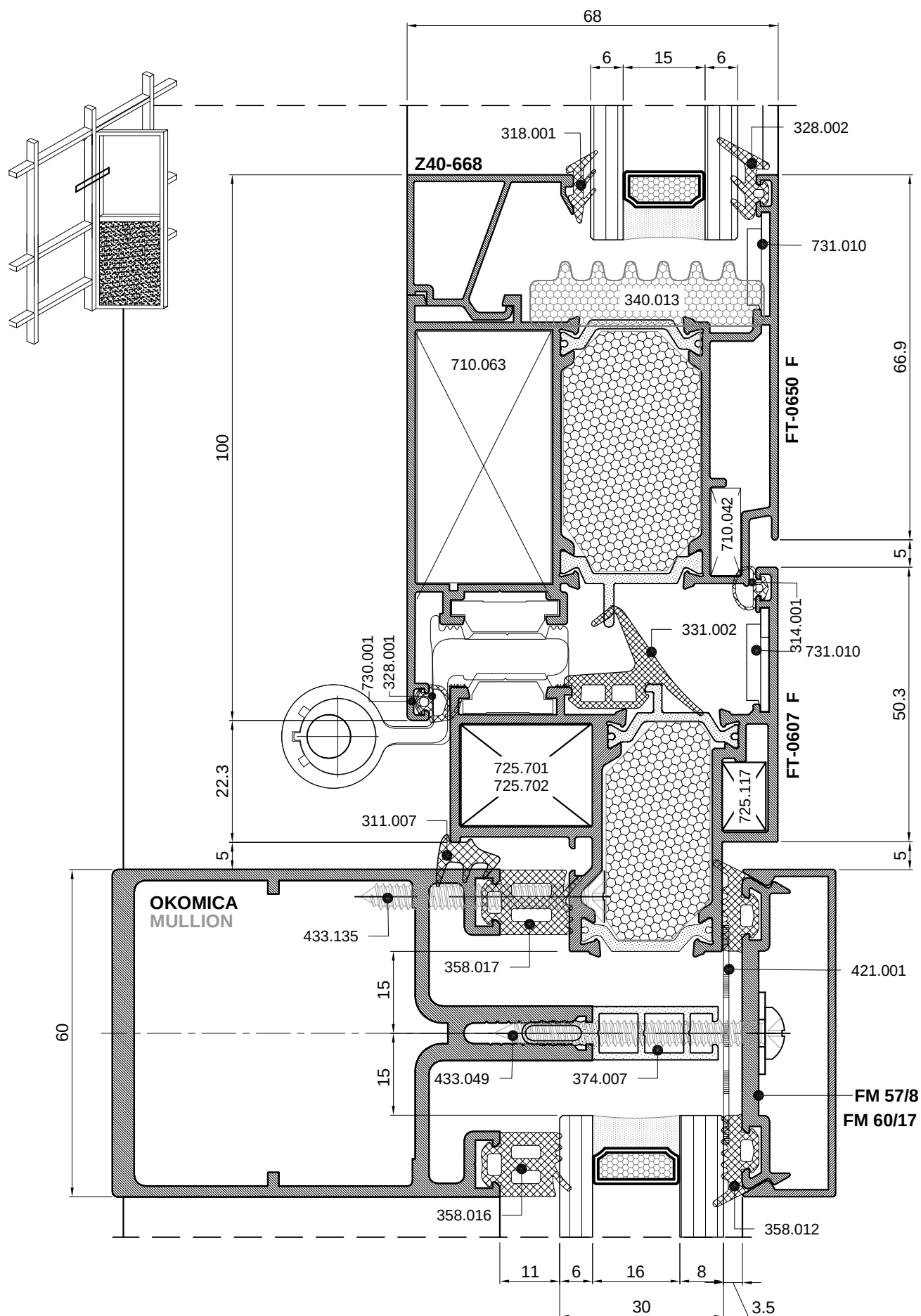
cross sections of Facade 60 K with systems:

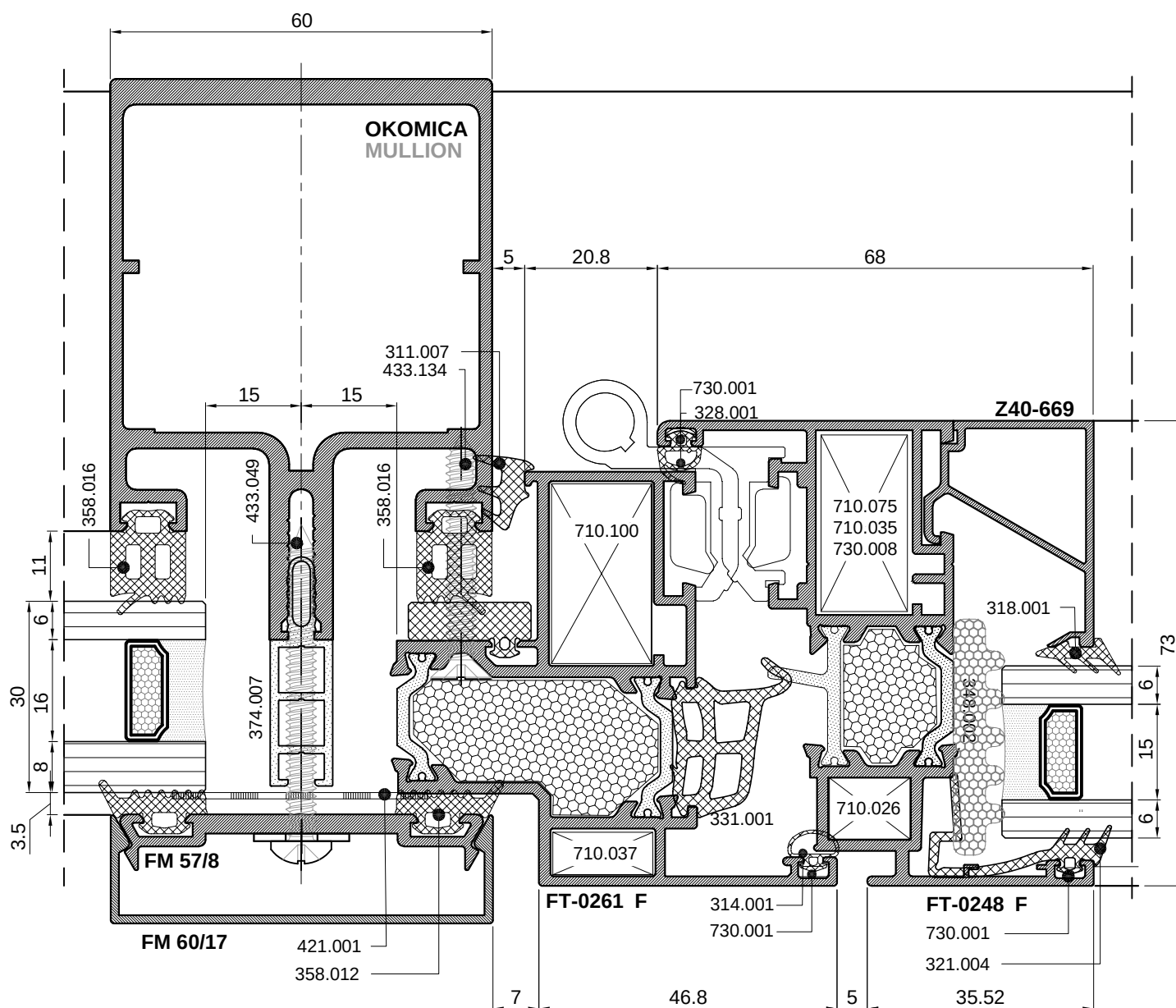
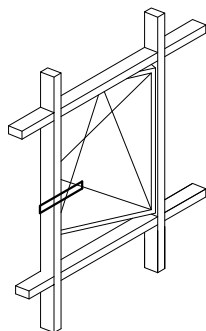
- Termo 60
- Termo 65
- Termo 85
- Termo 85 PA
- Termo85 SK
- Termo 120+
- Termo 150+
- Inowa
- french balcony (Termo 85)

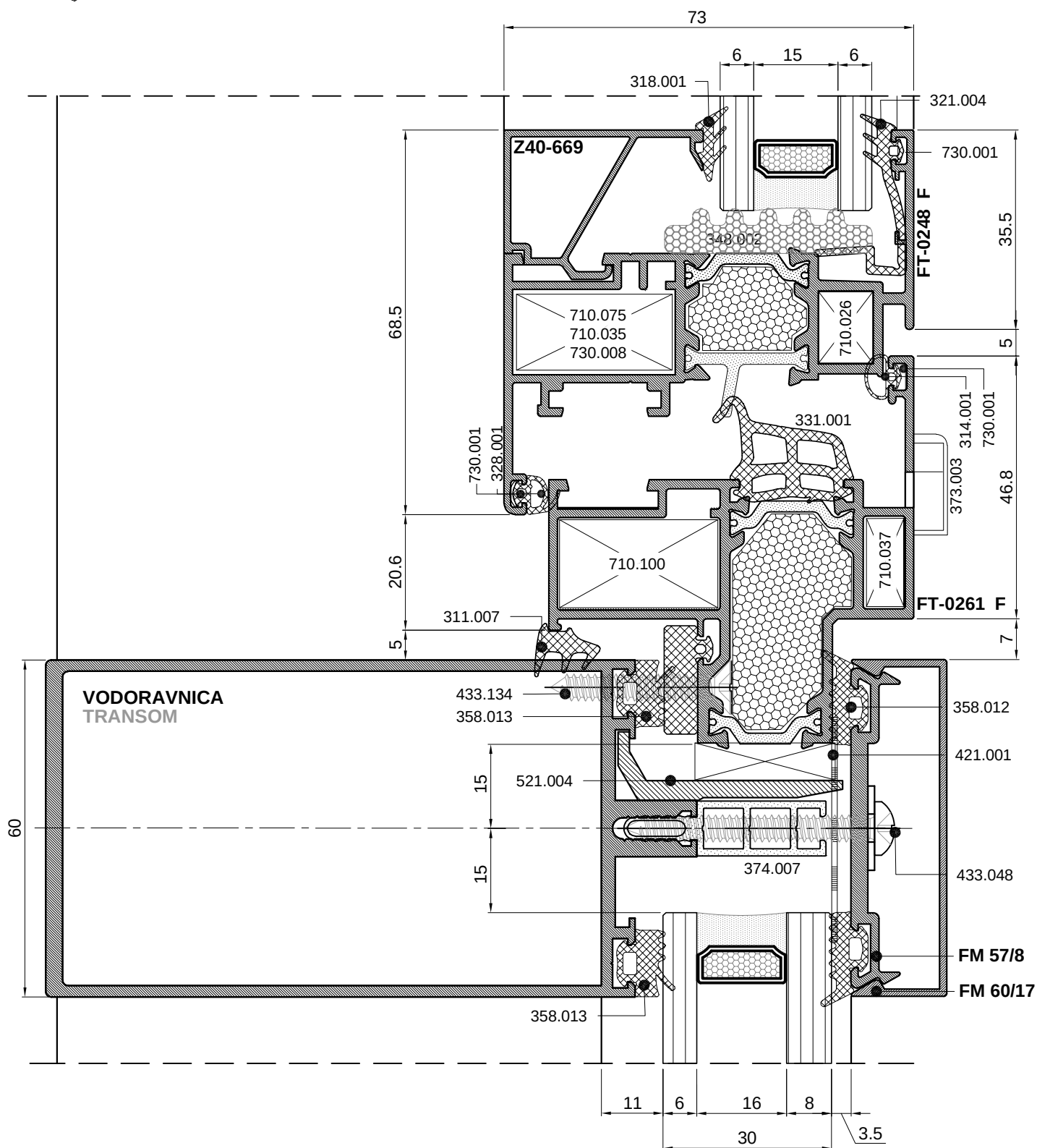
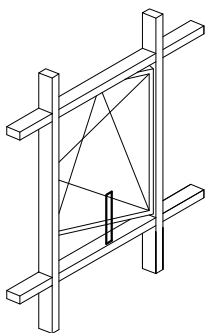


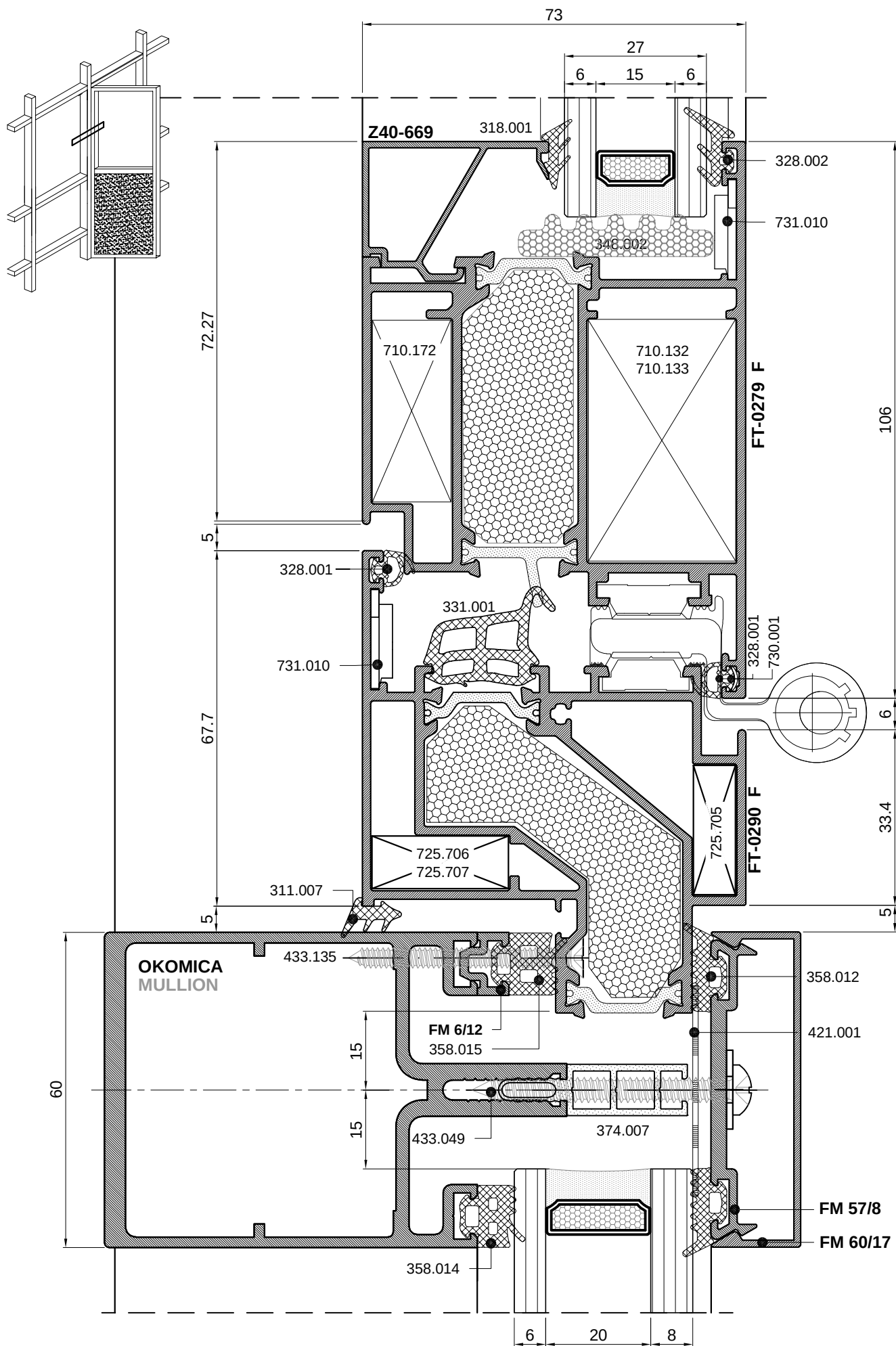


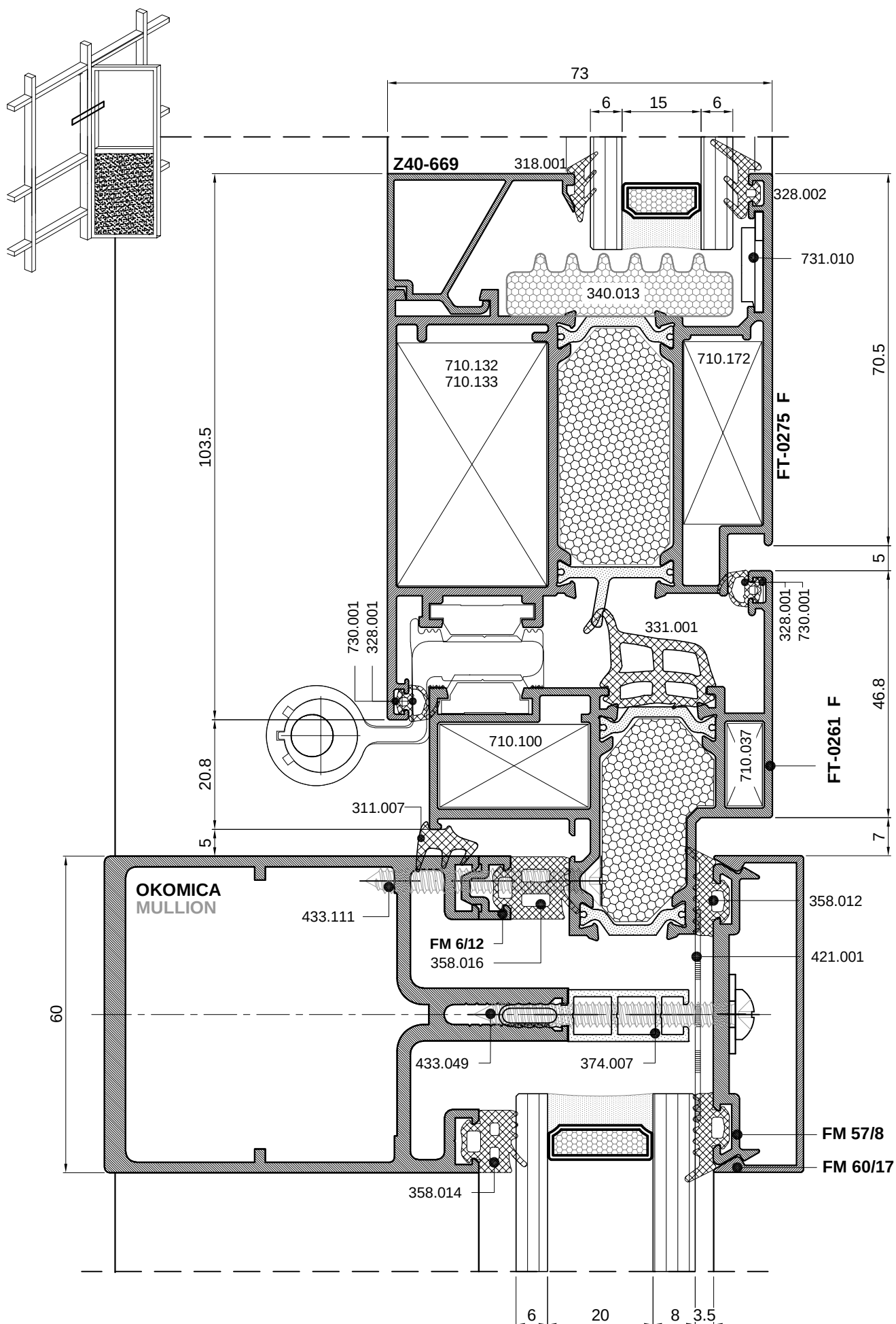


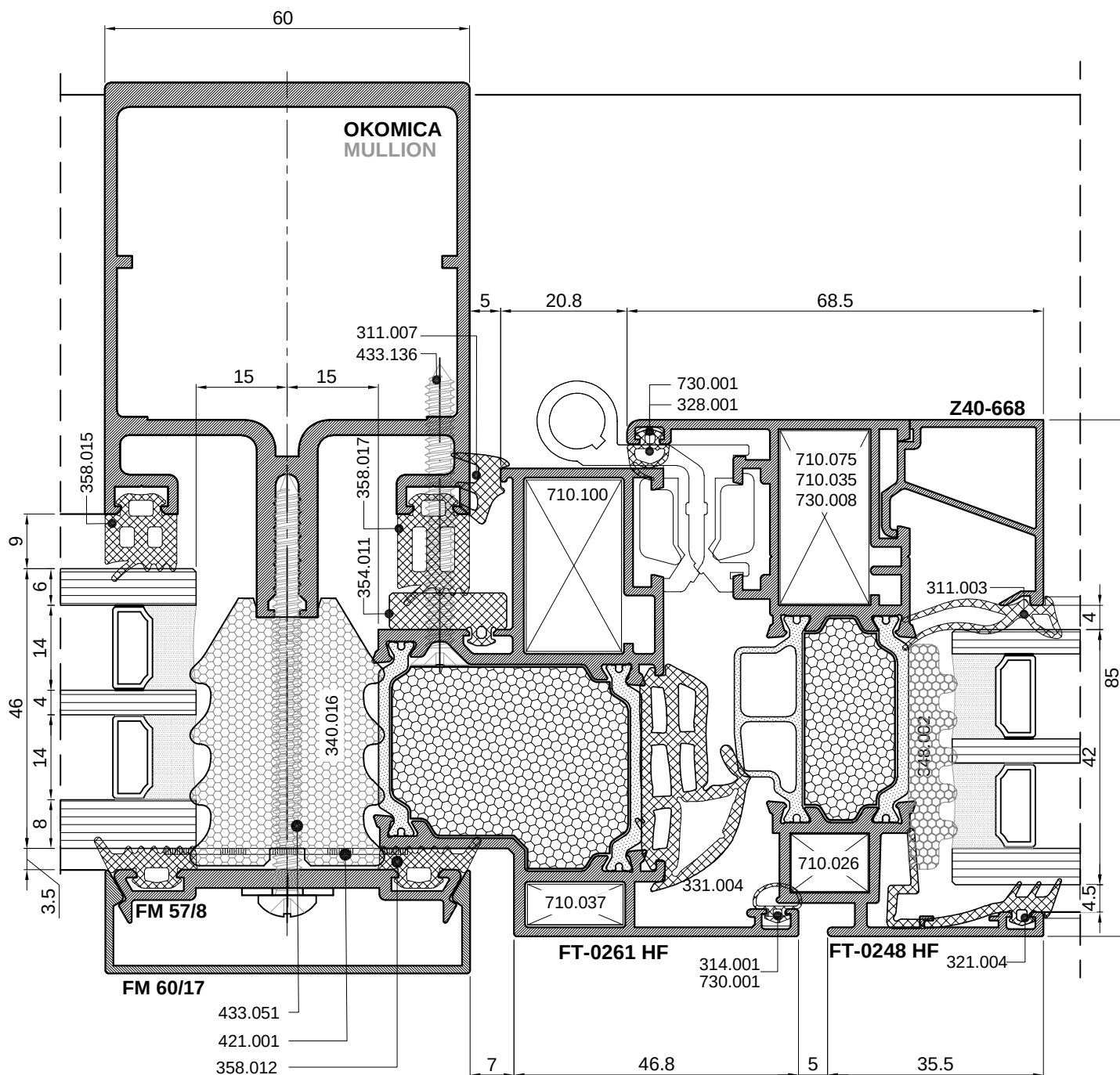
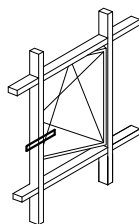


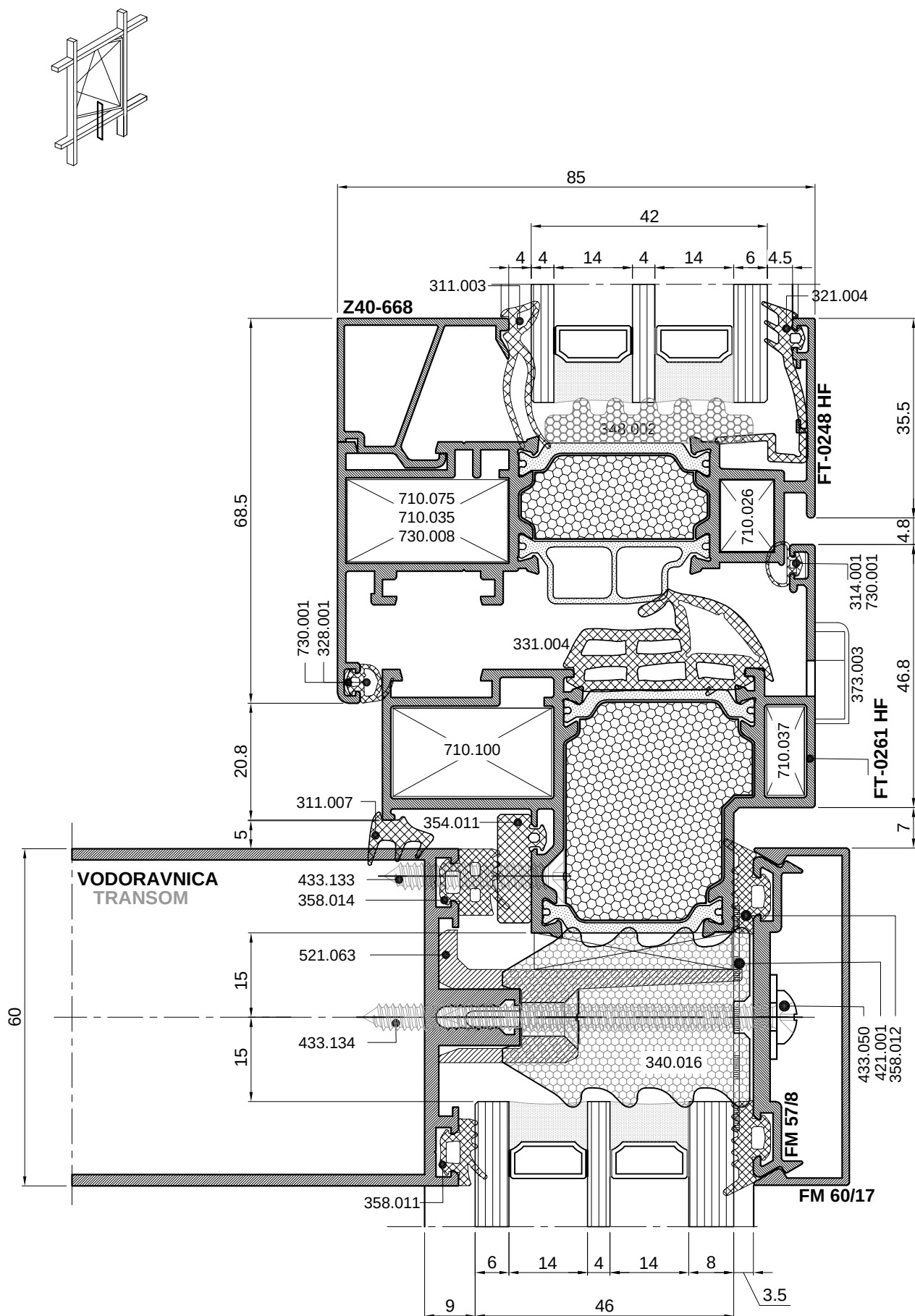


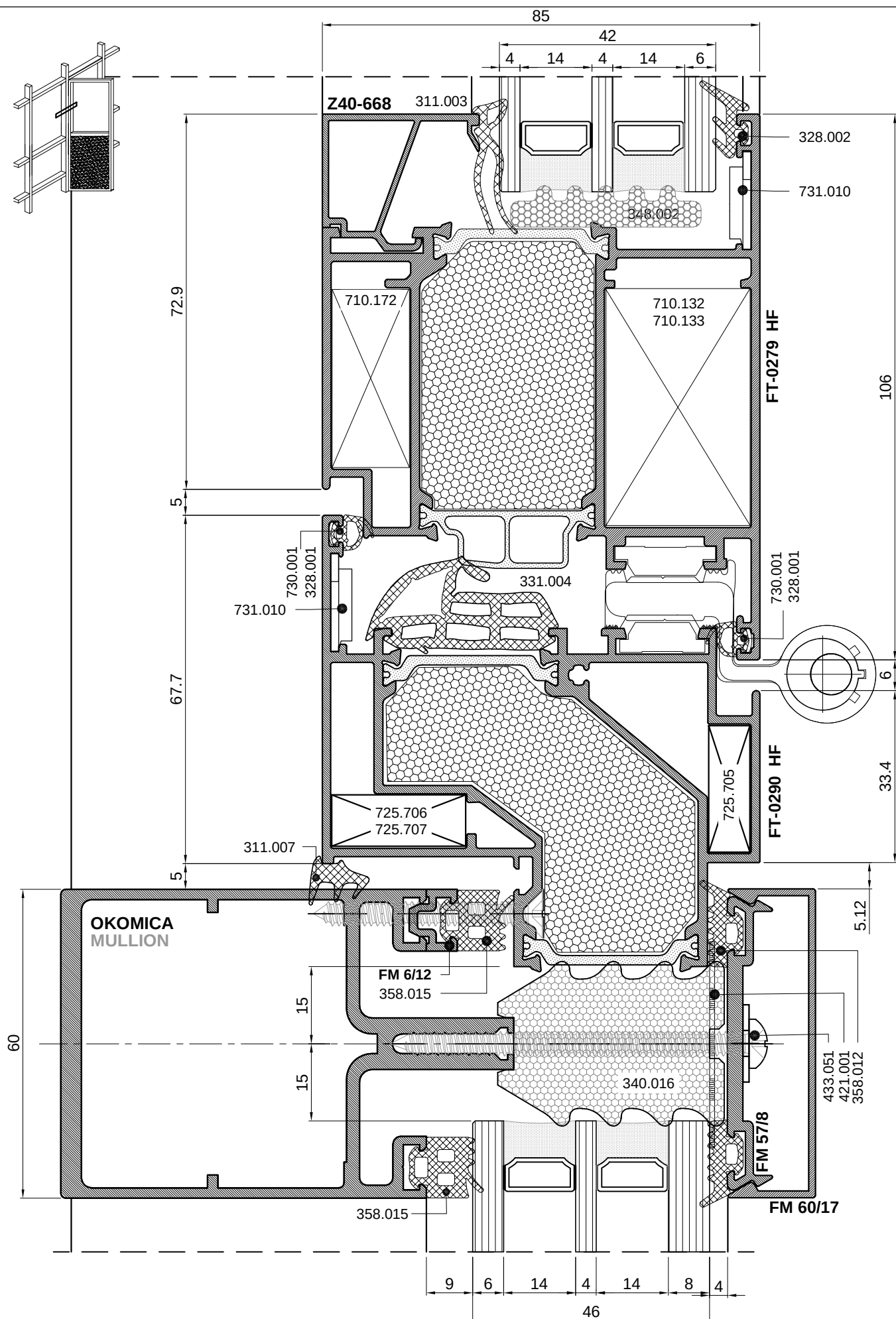


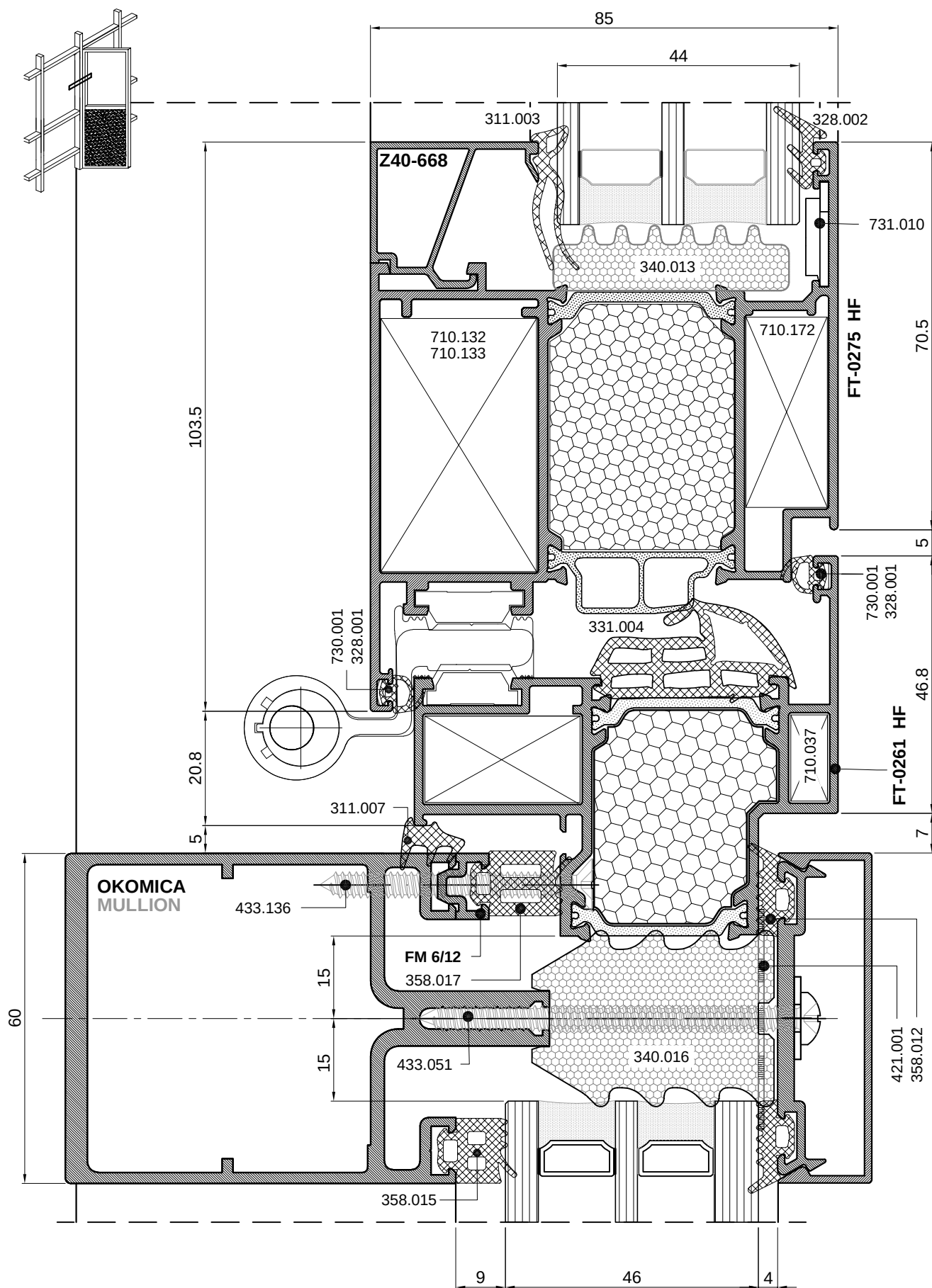


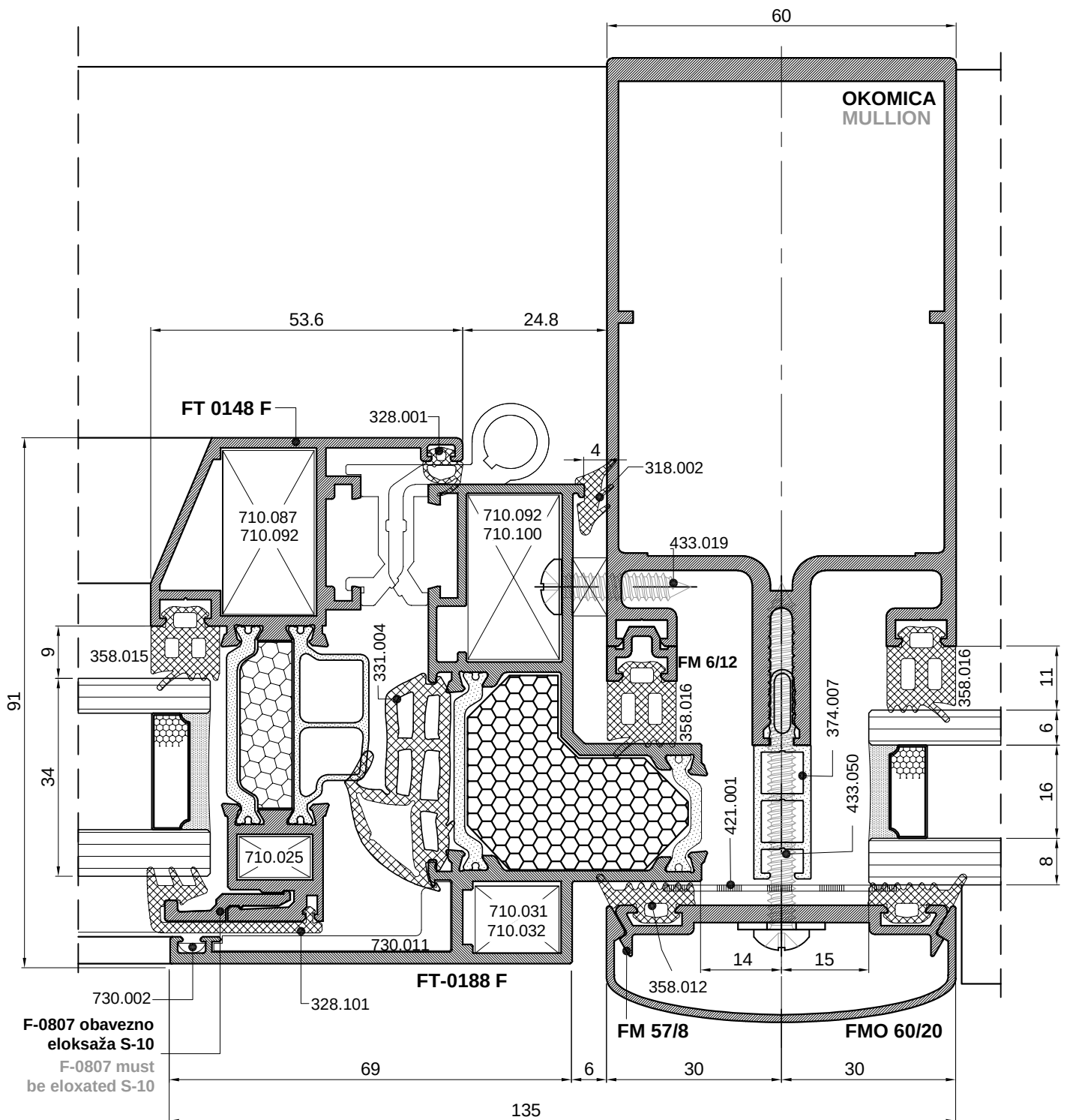
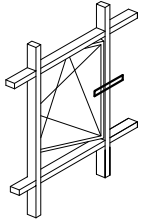


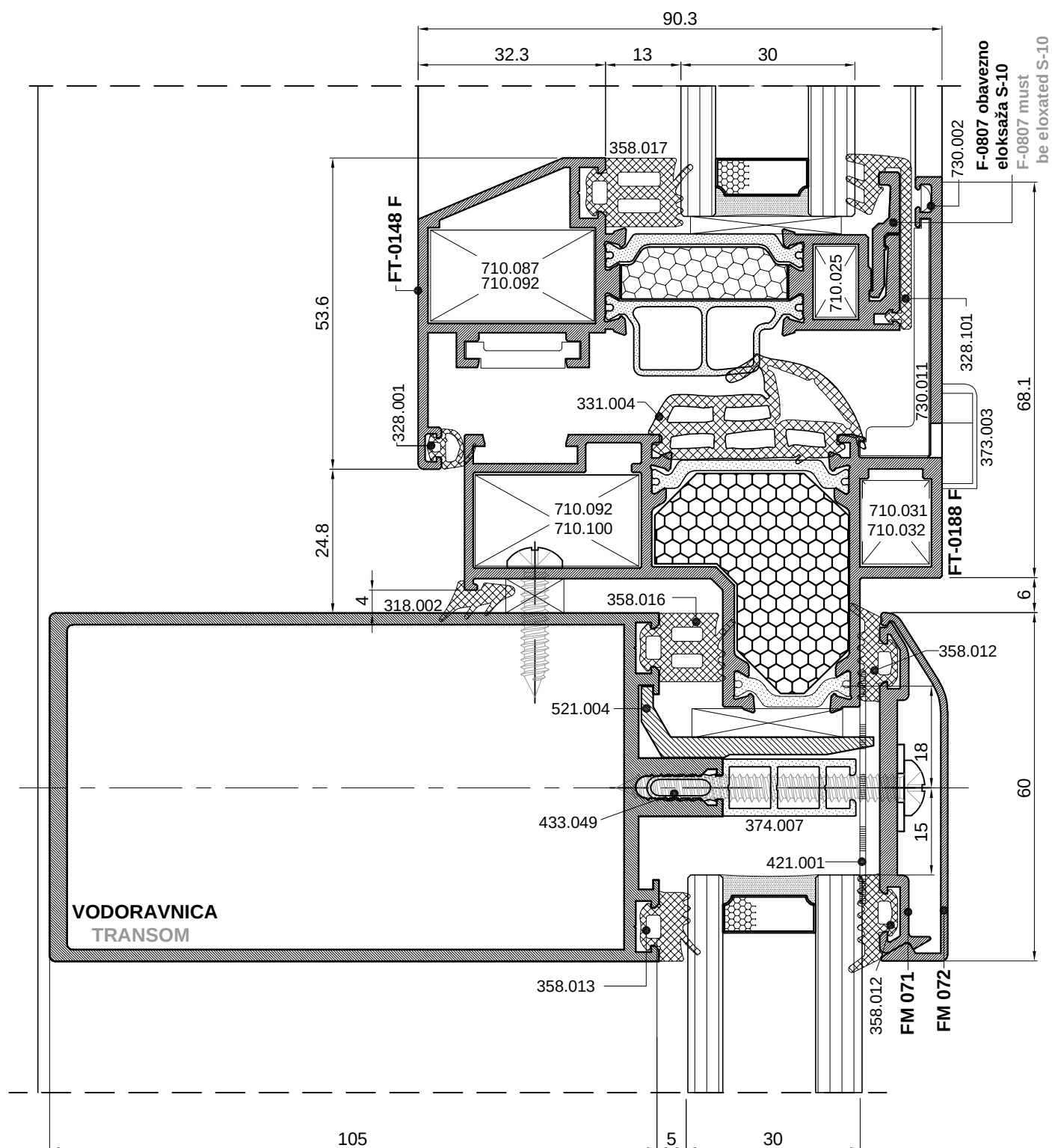
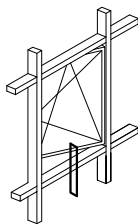


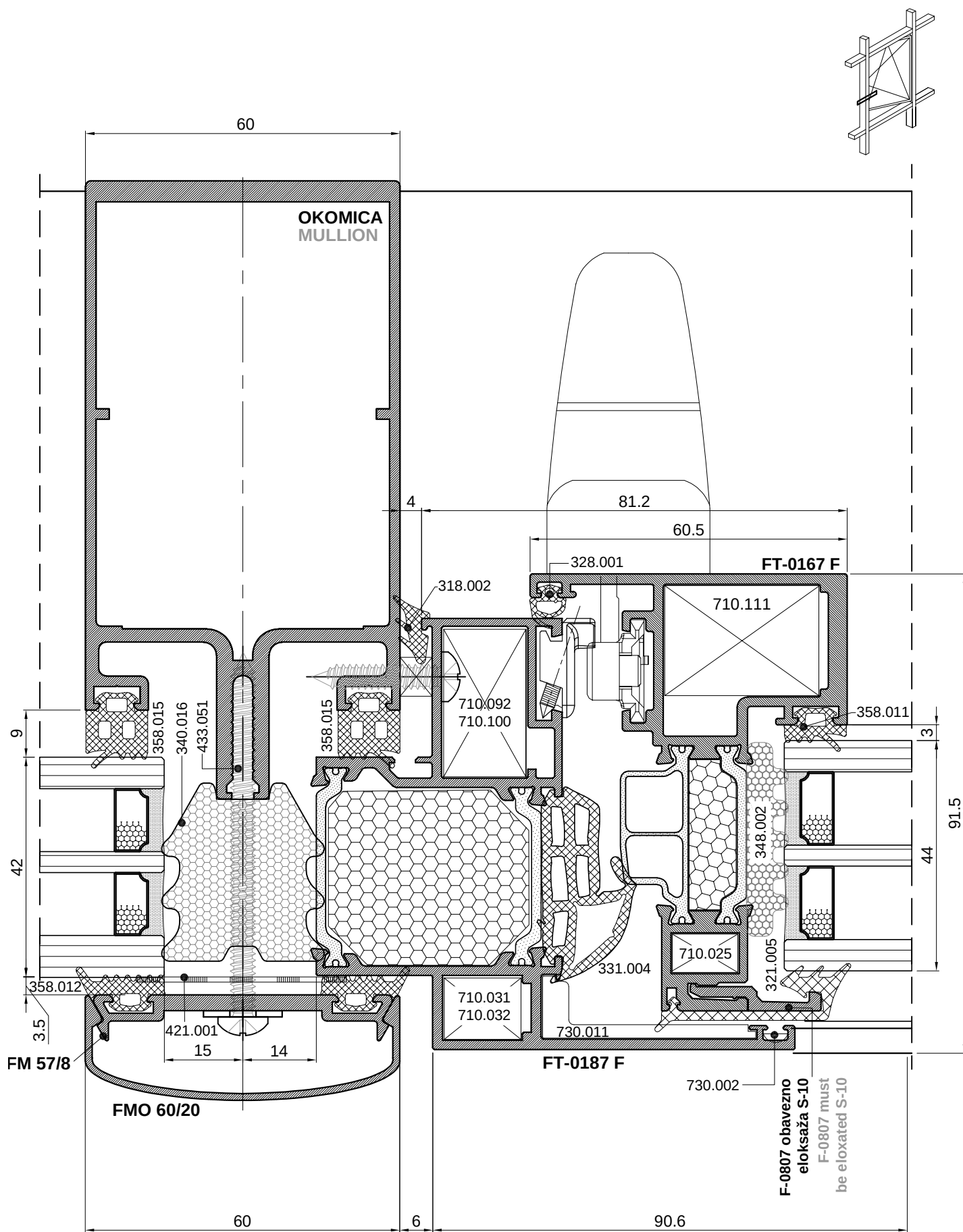


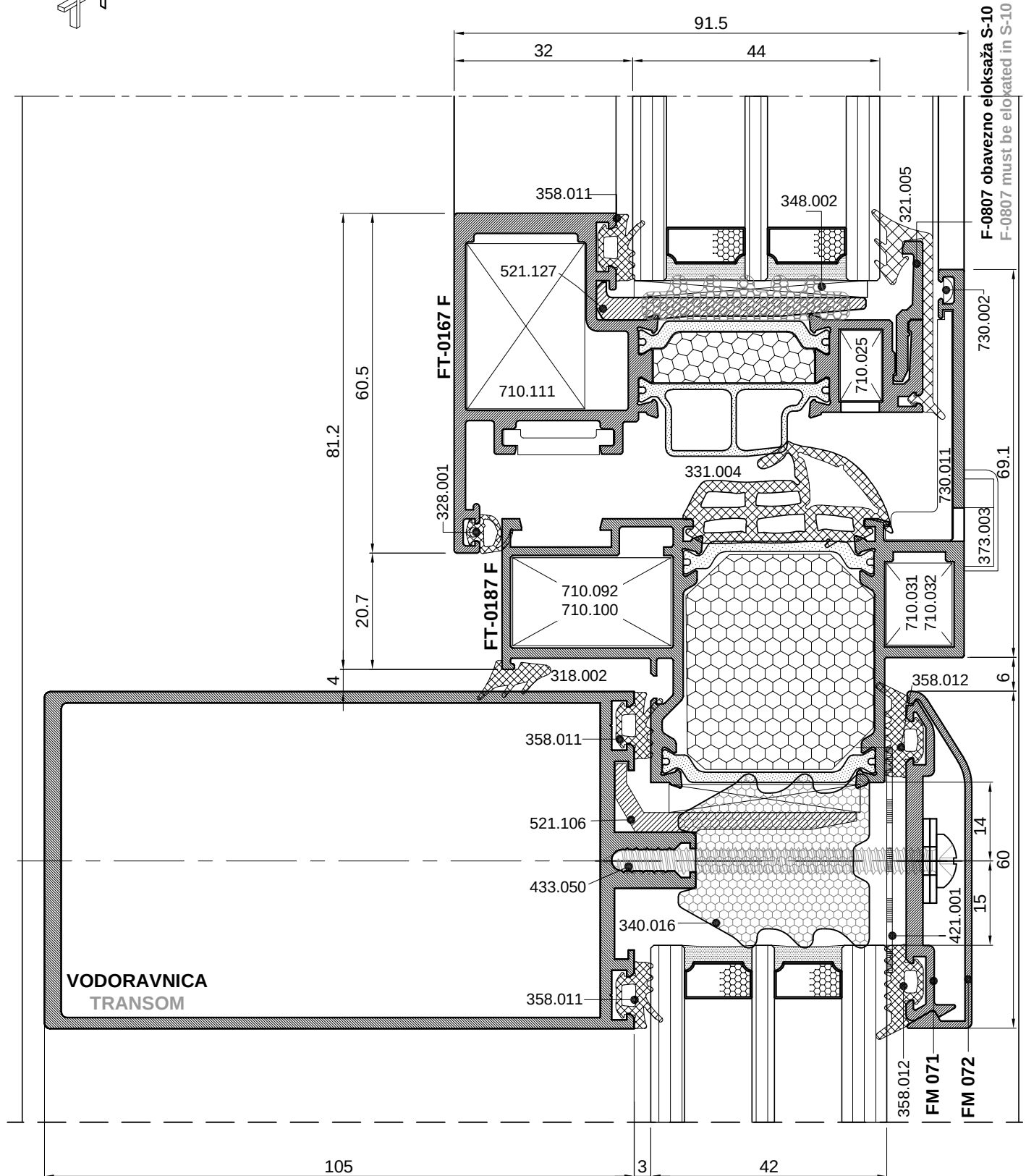
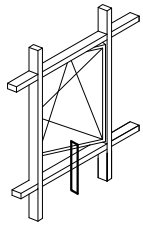


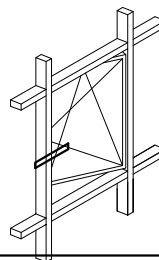


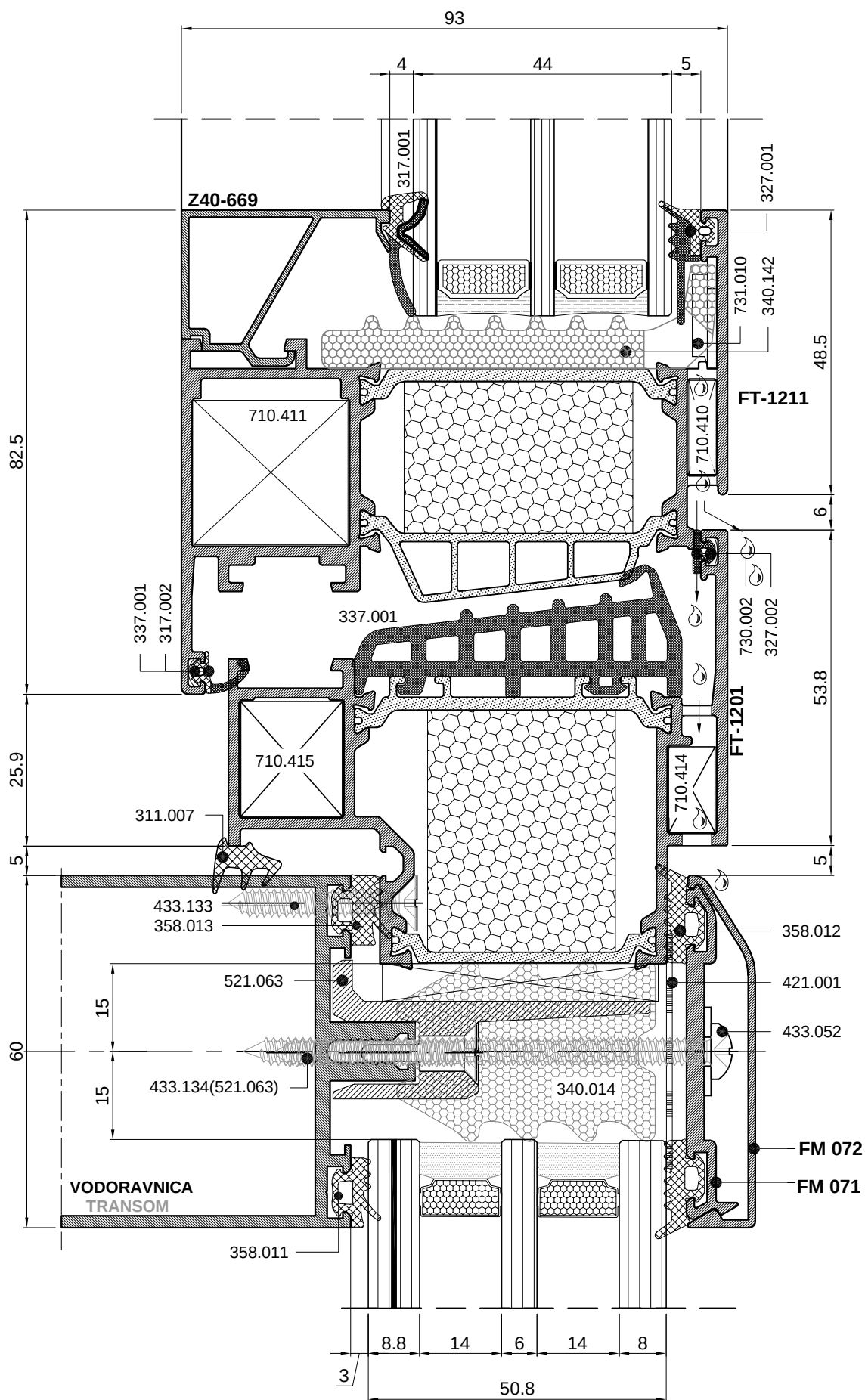


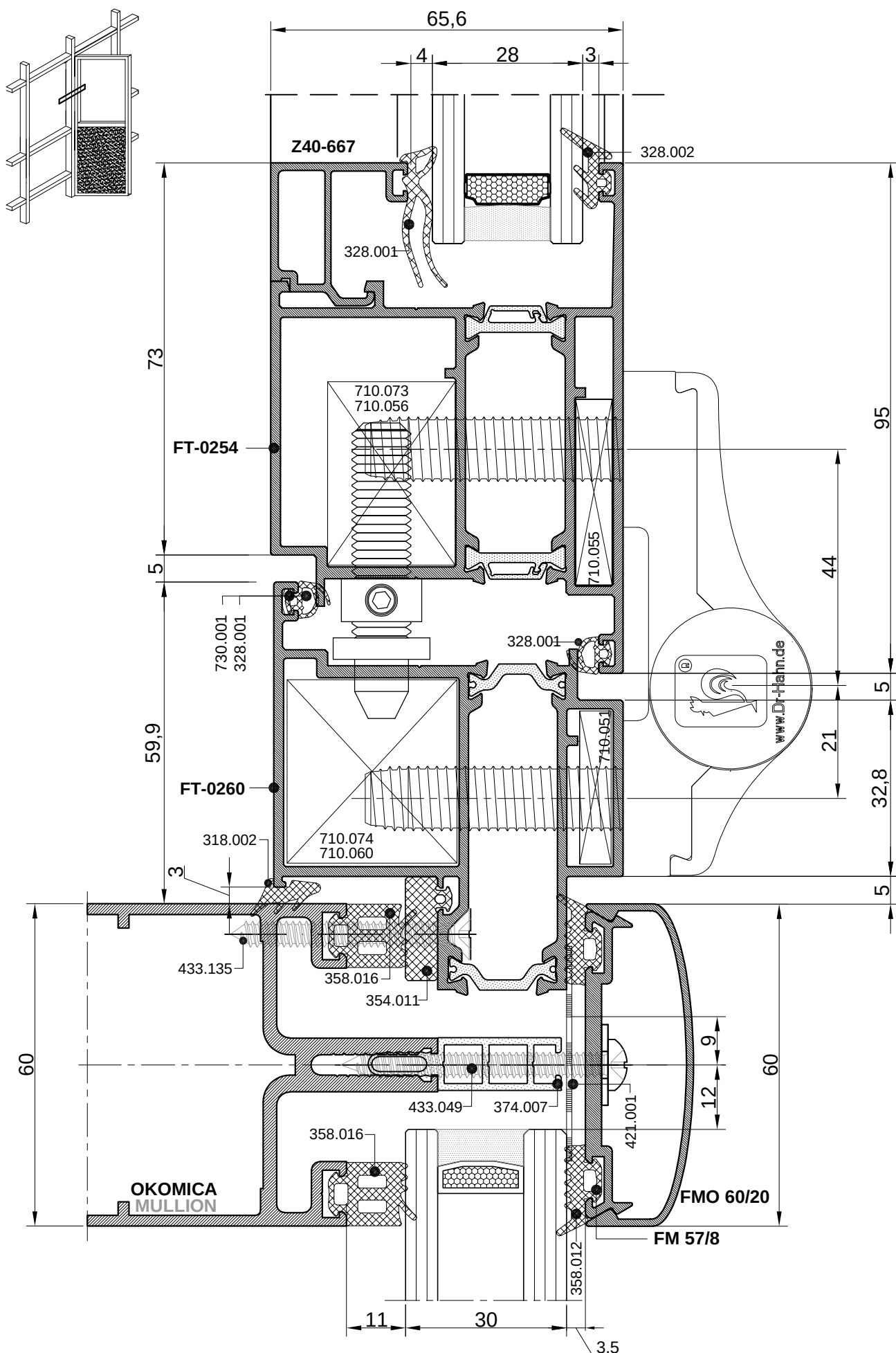


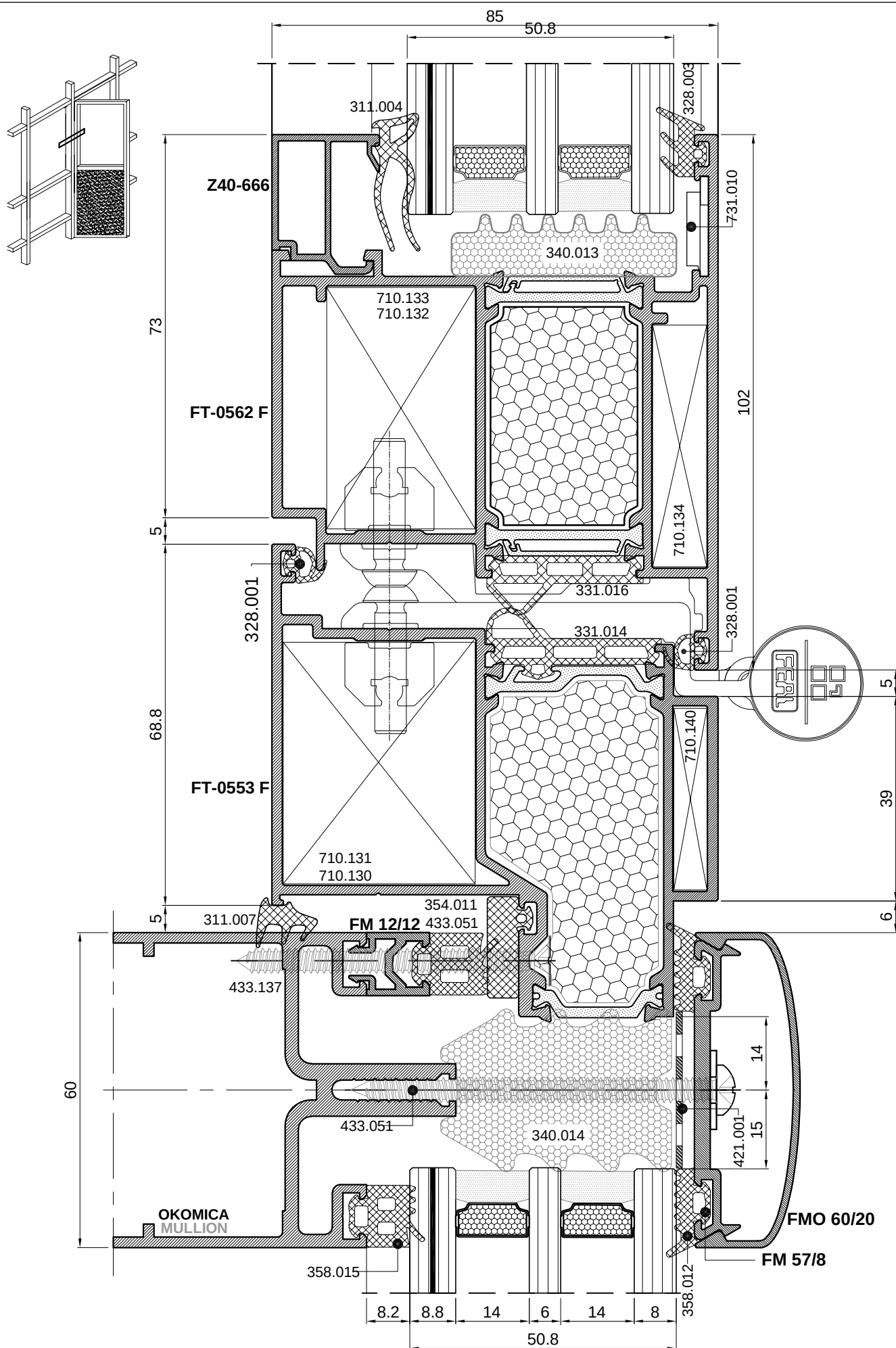


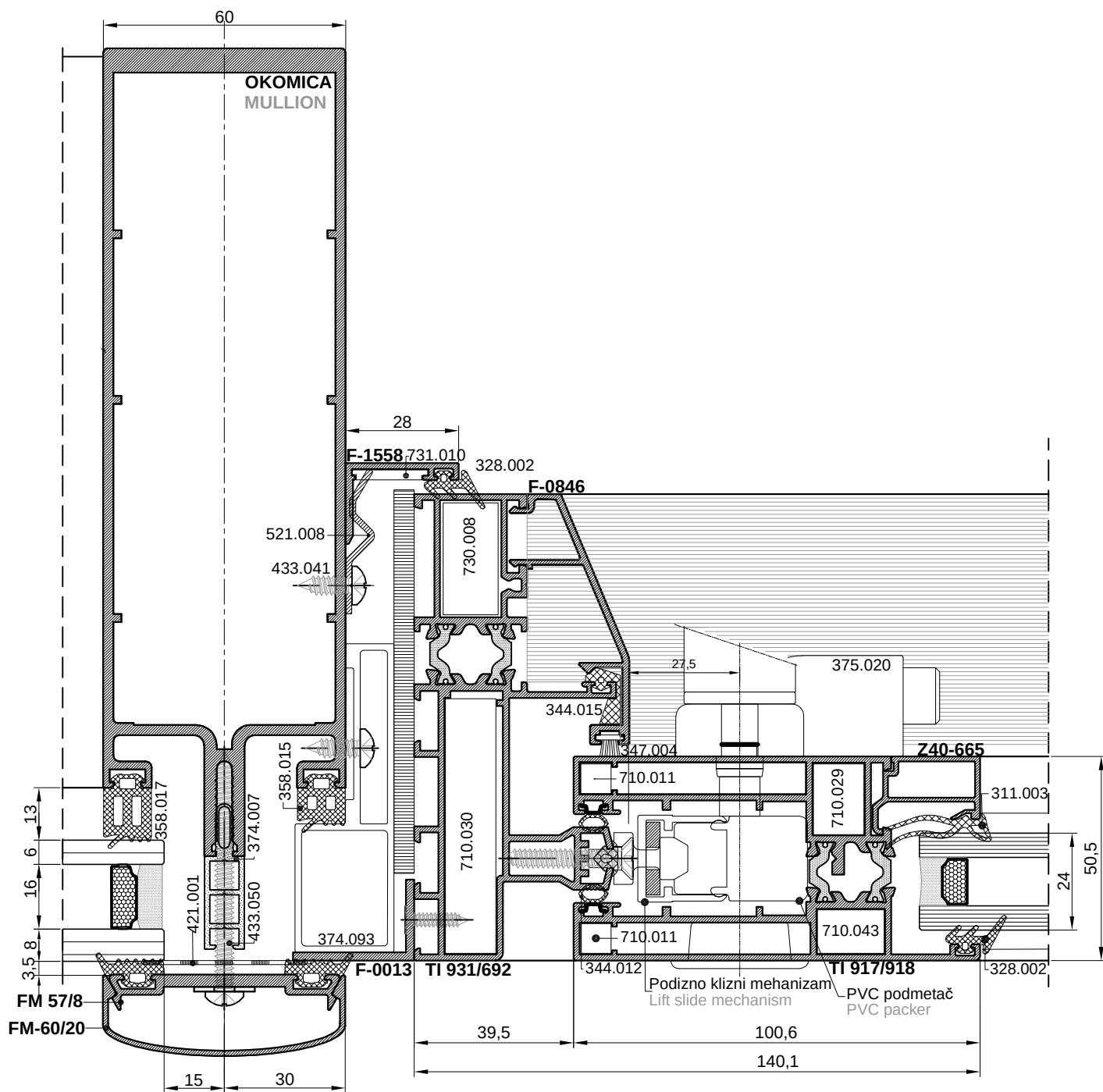


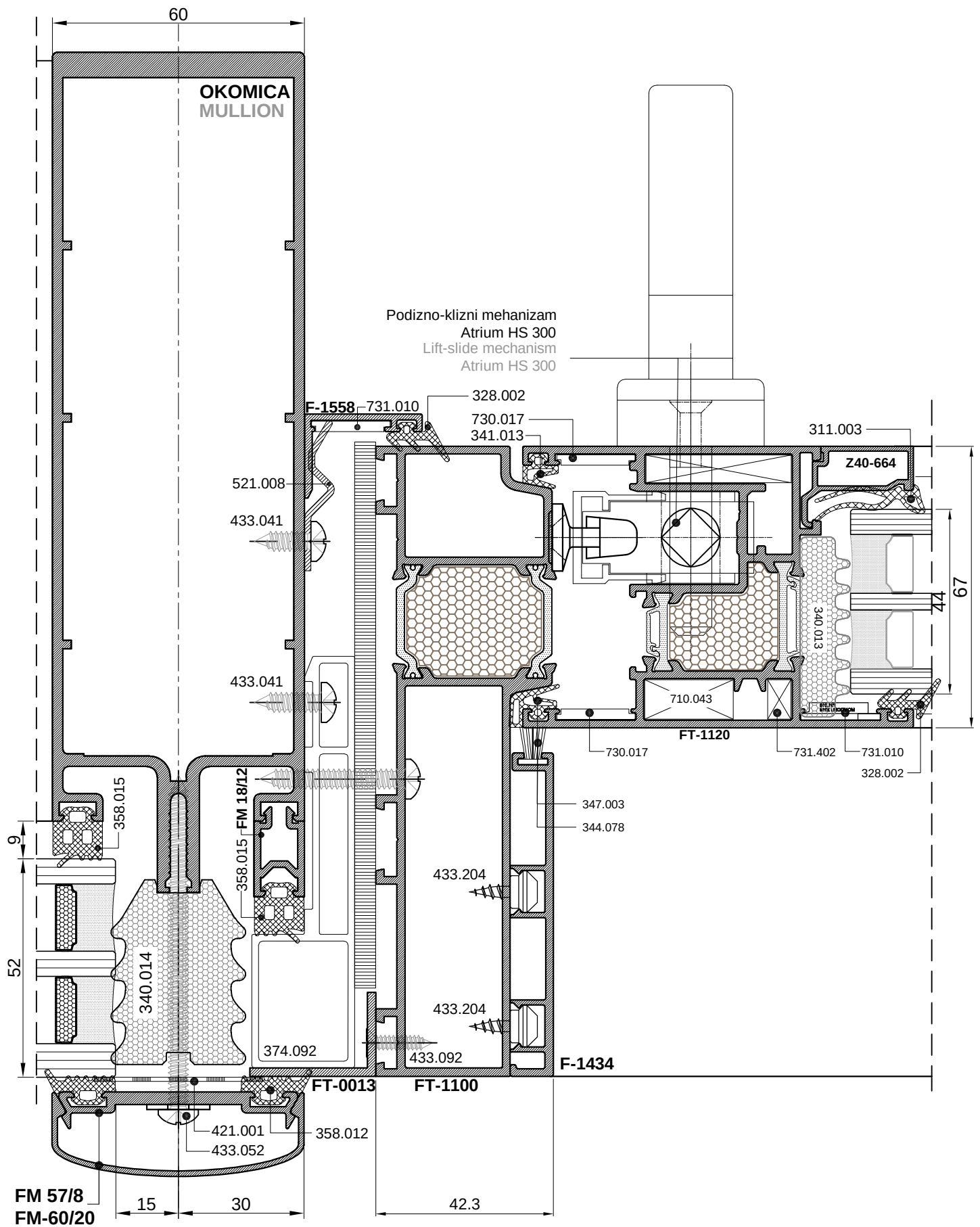


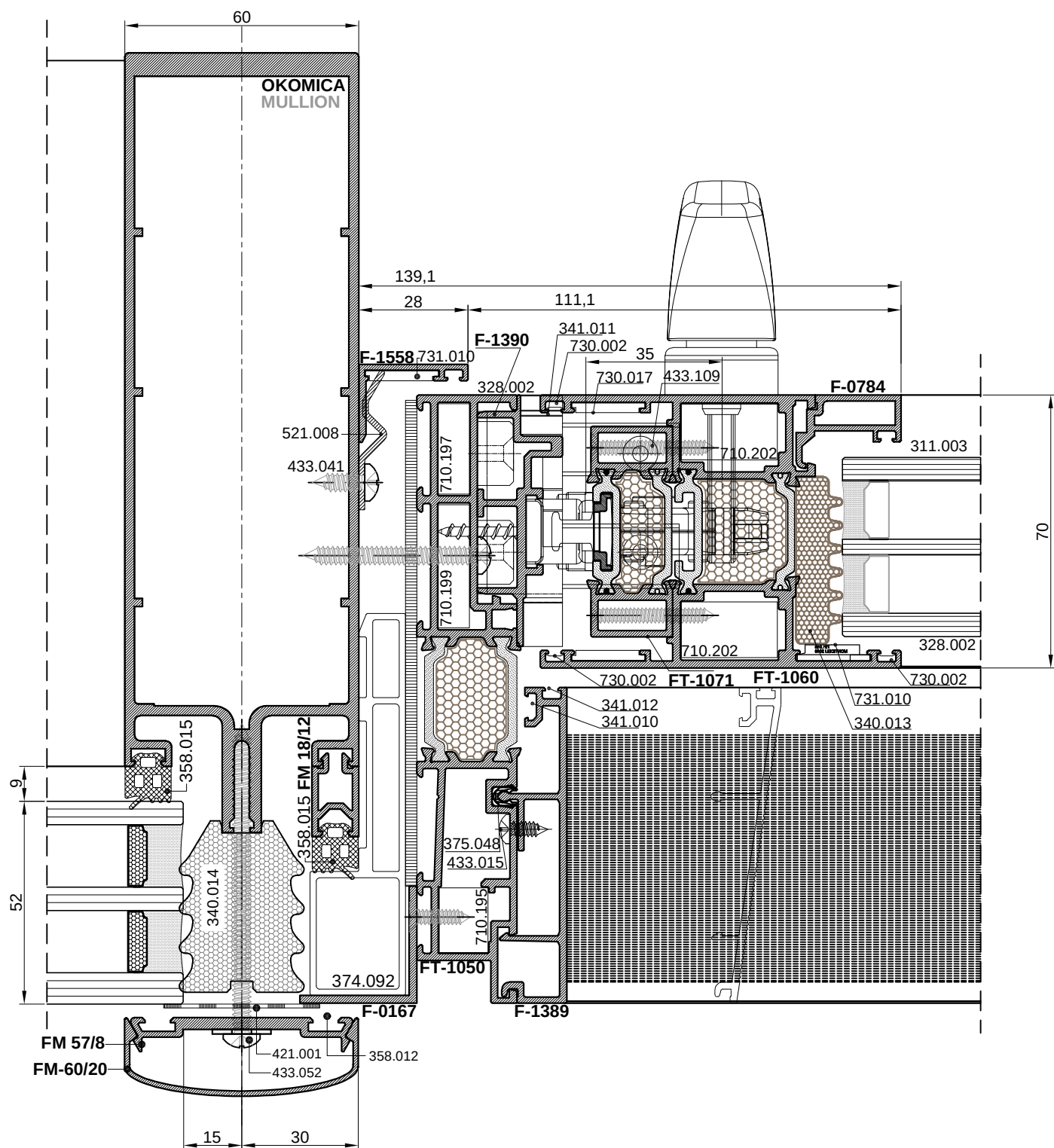


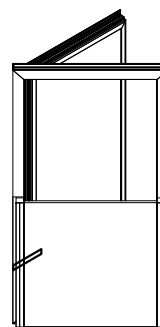


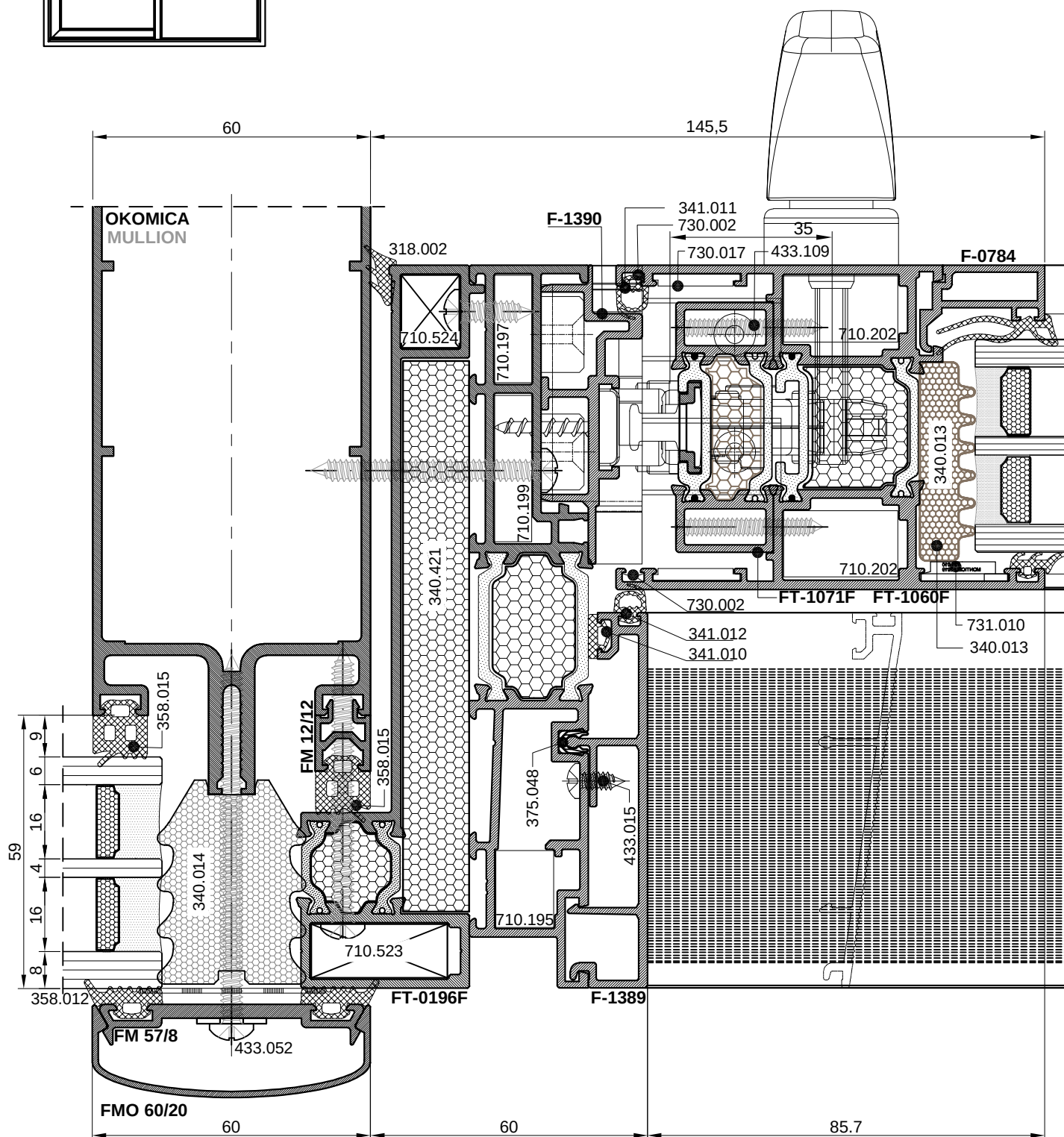
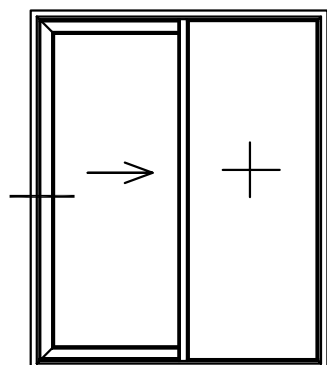


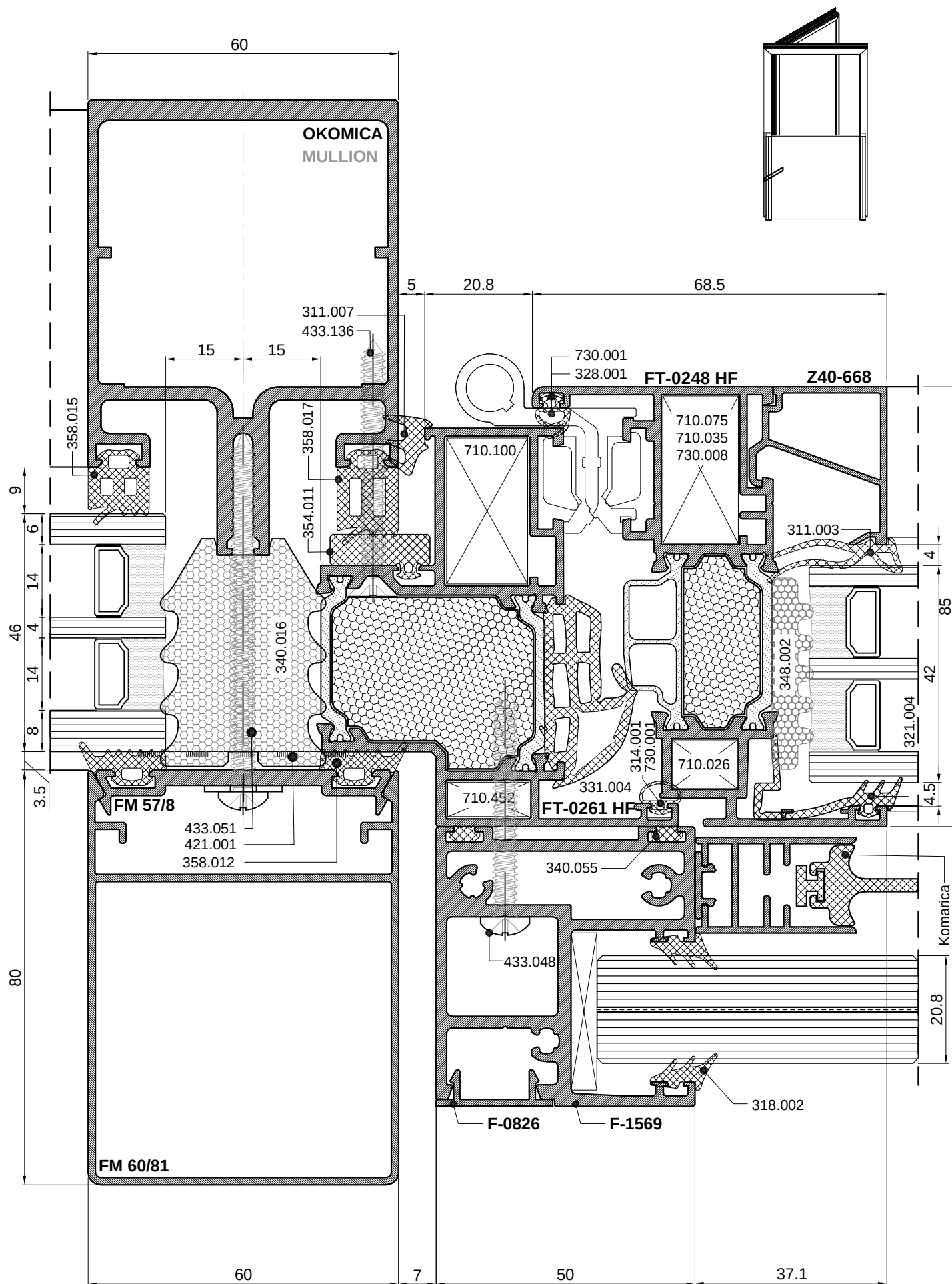












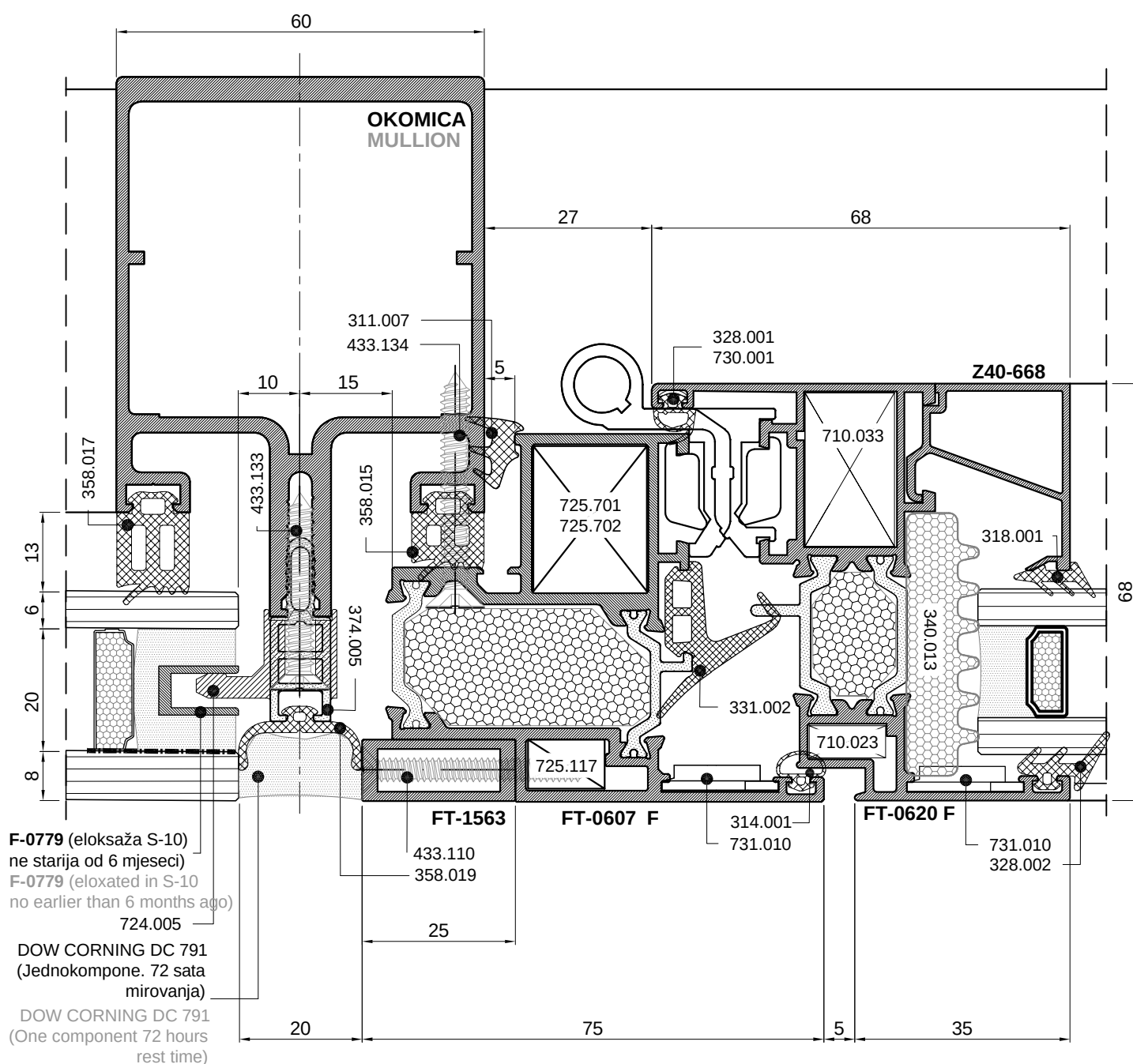
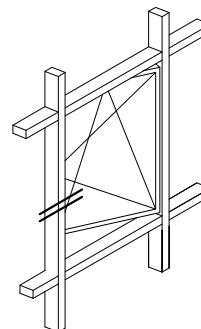
detalji spoja fasade 60 S+ sa serijama

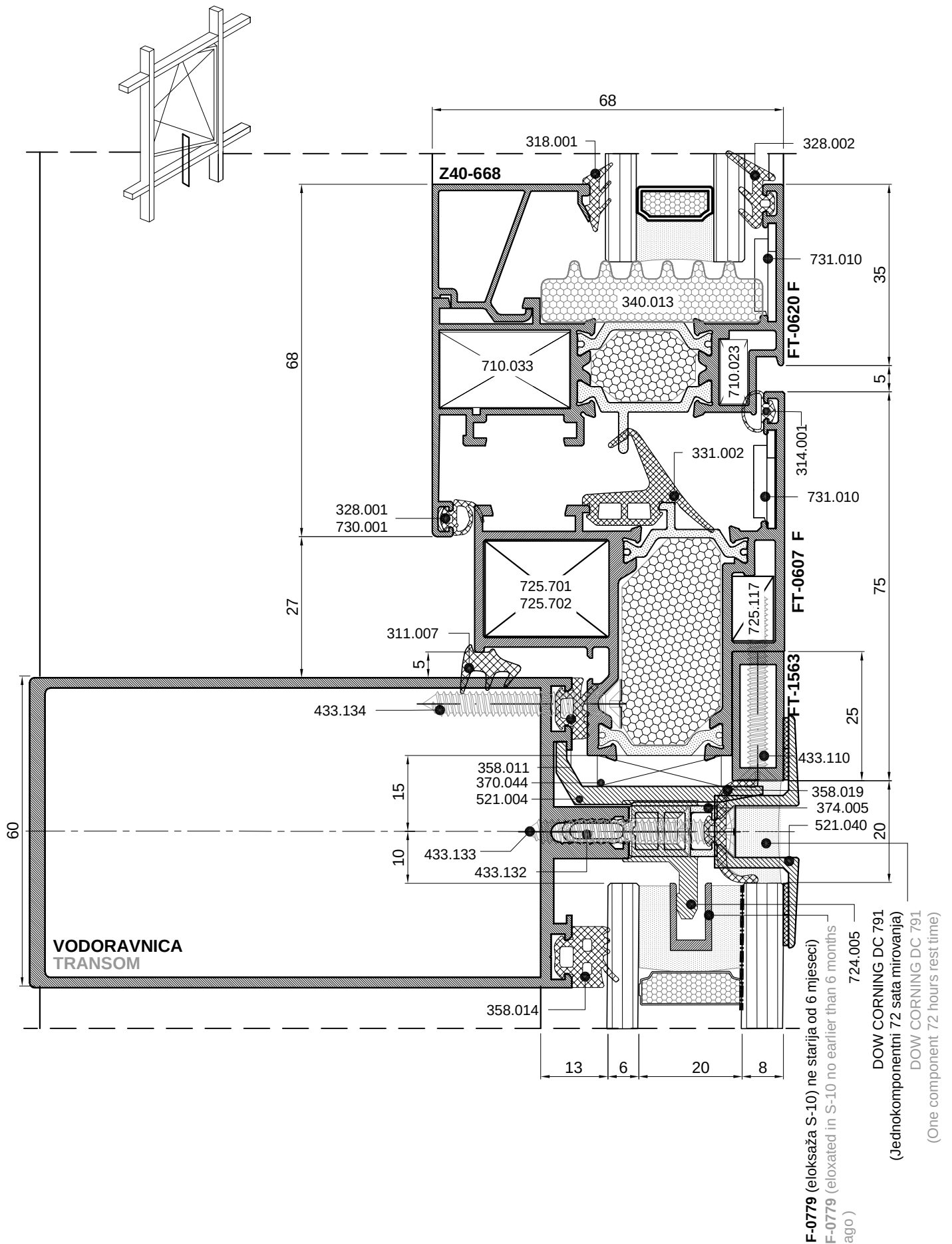
- Termo 60
- Termo 65
- Termo 85
- Termo 85 PA
- Termo85 SK
- Termo 120+
- Termo 150+
- Inowa

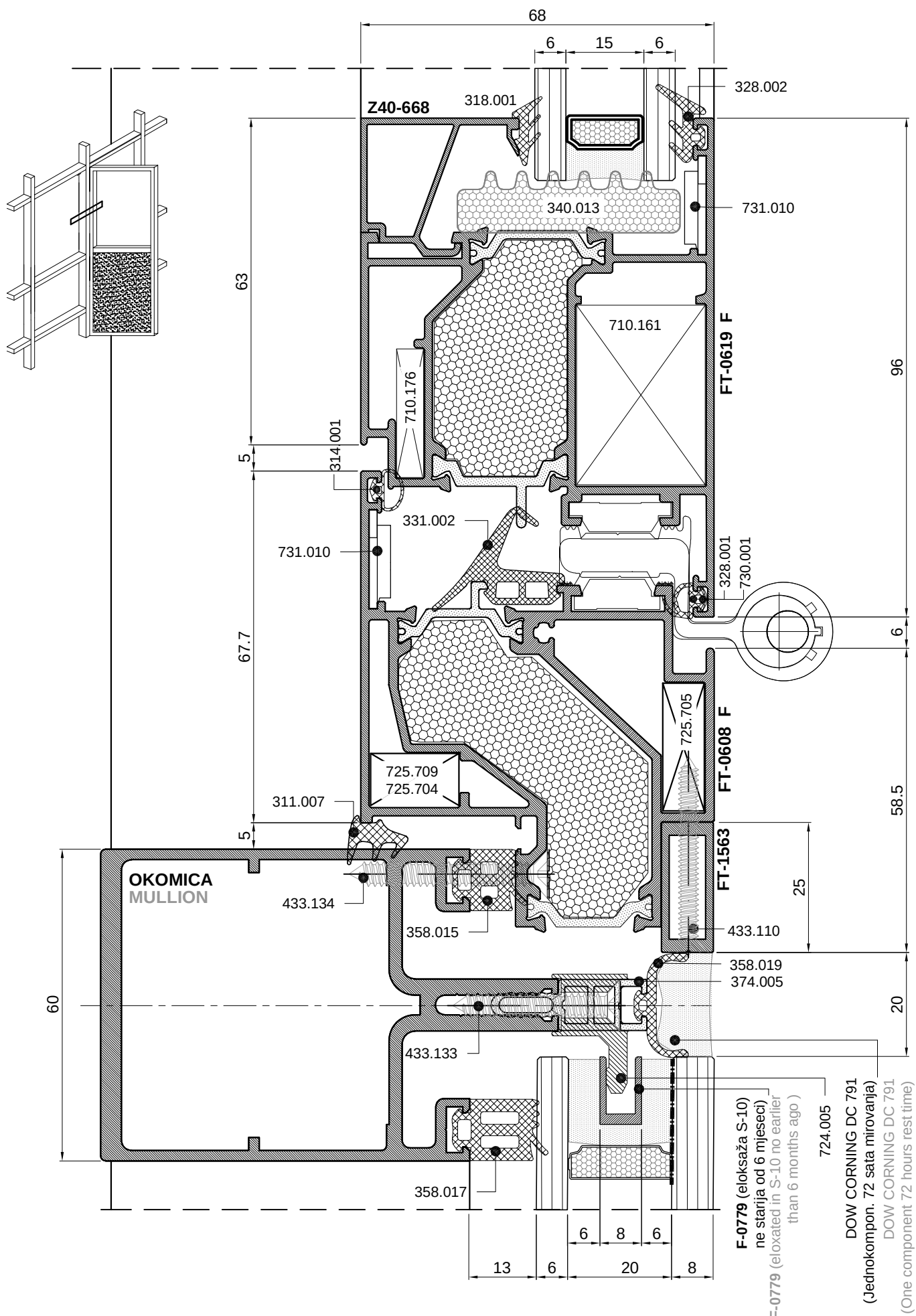
cross sections of Facade 60 S+ with systems:

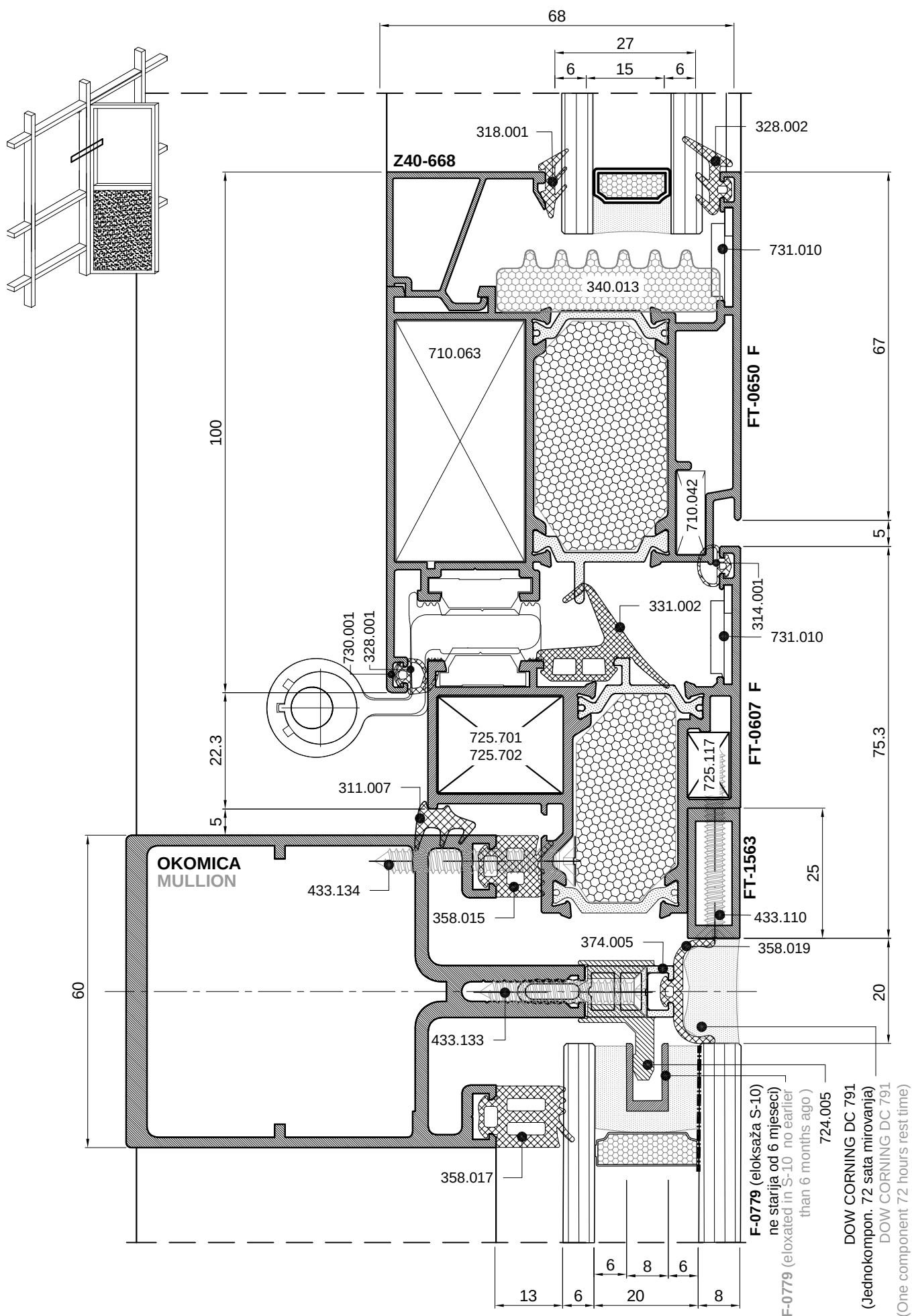
- Termo 60
- Termo 65
- Termo 85
- Termo 85 PA
- Termo85 SK
- Termo 120+
- Termo 150+
- Inowa

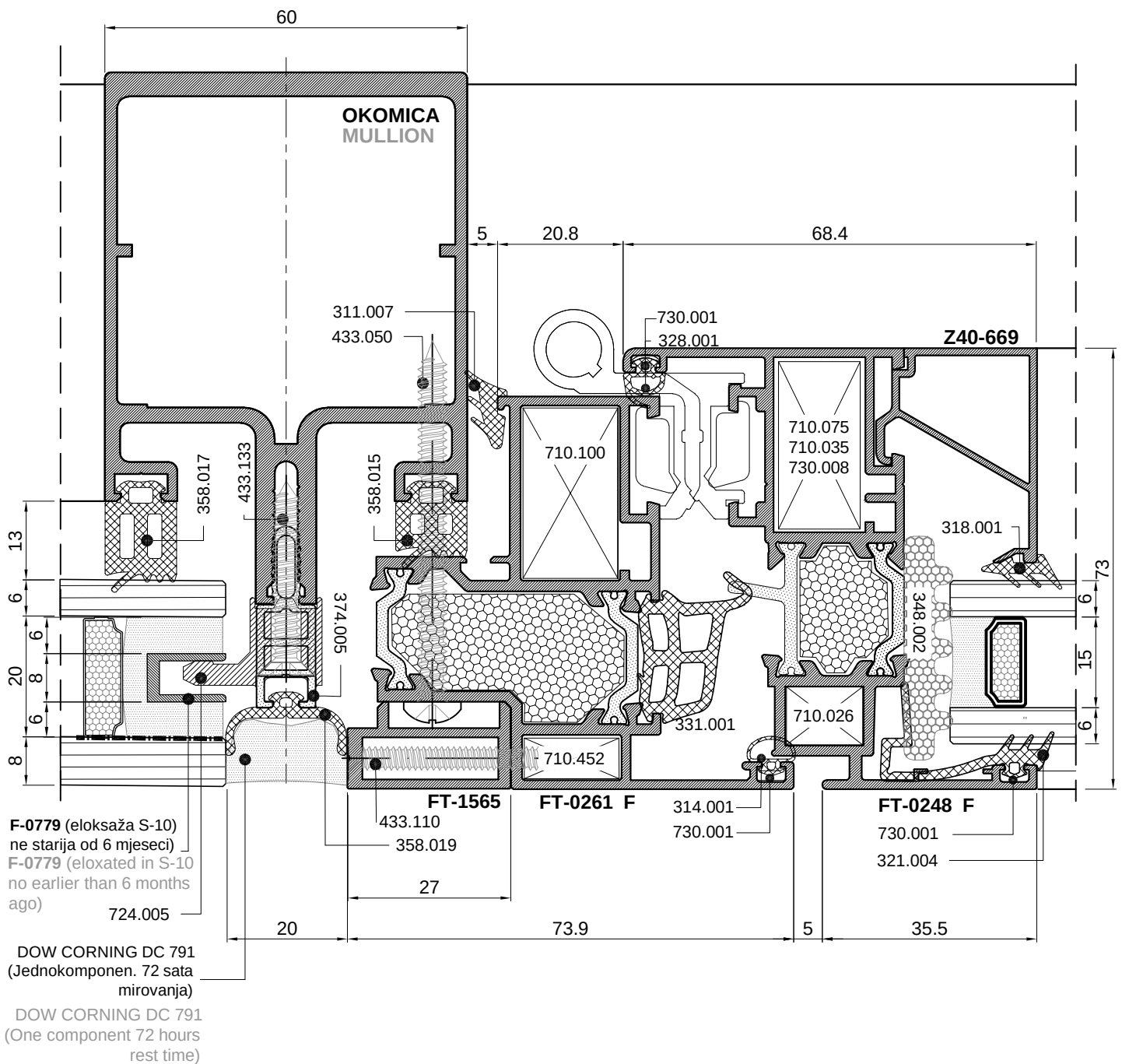
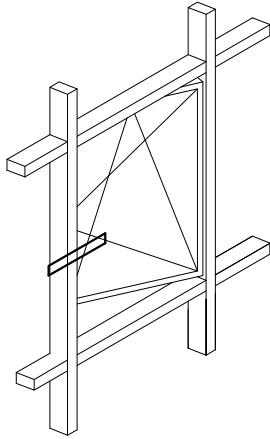


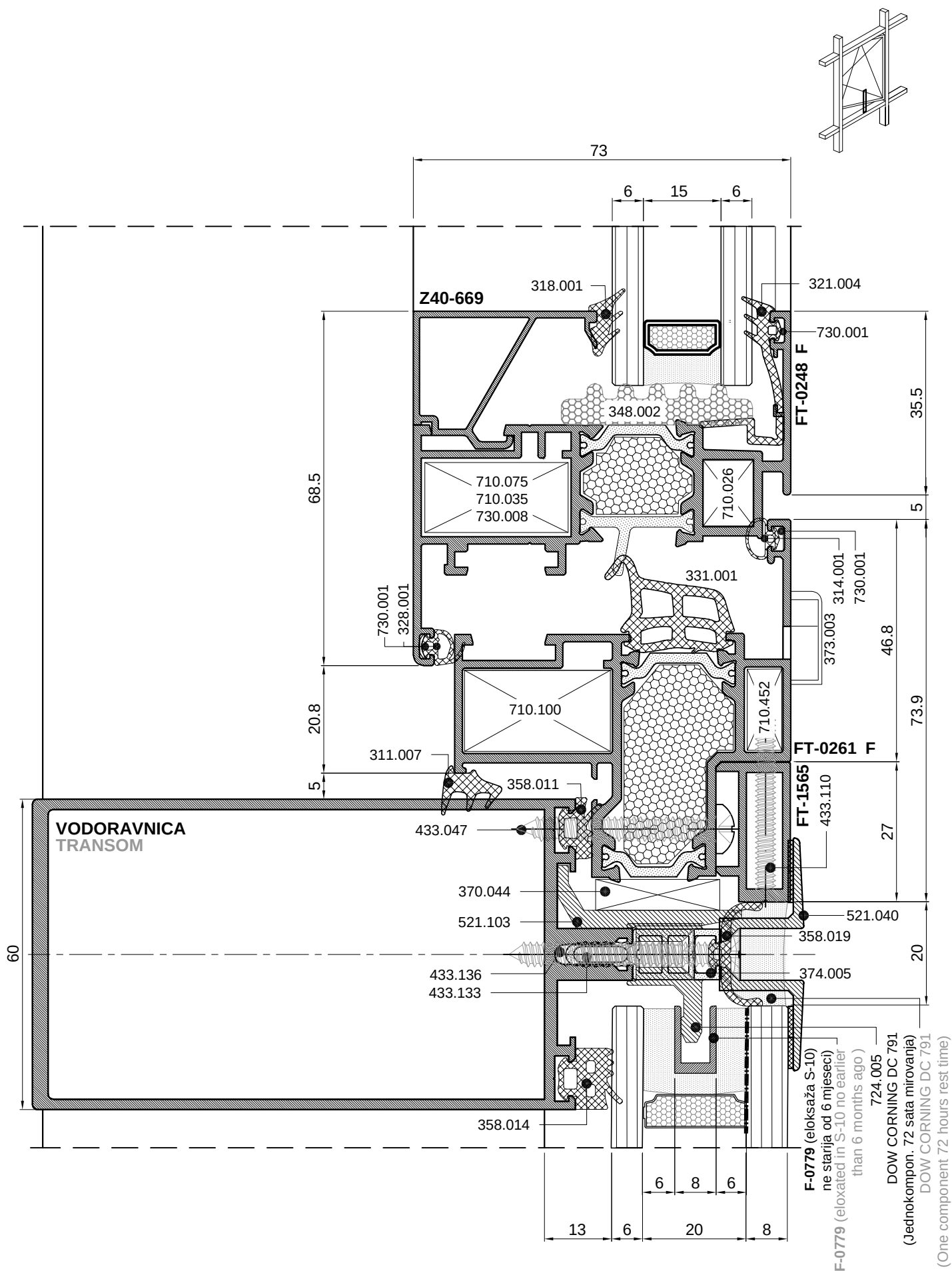


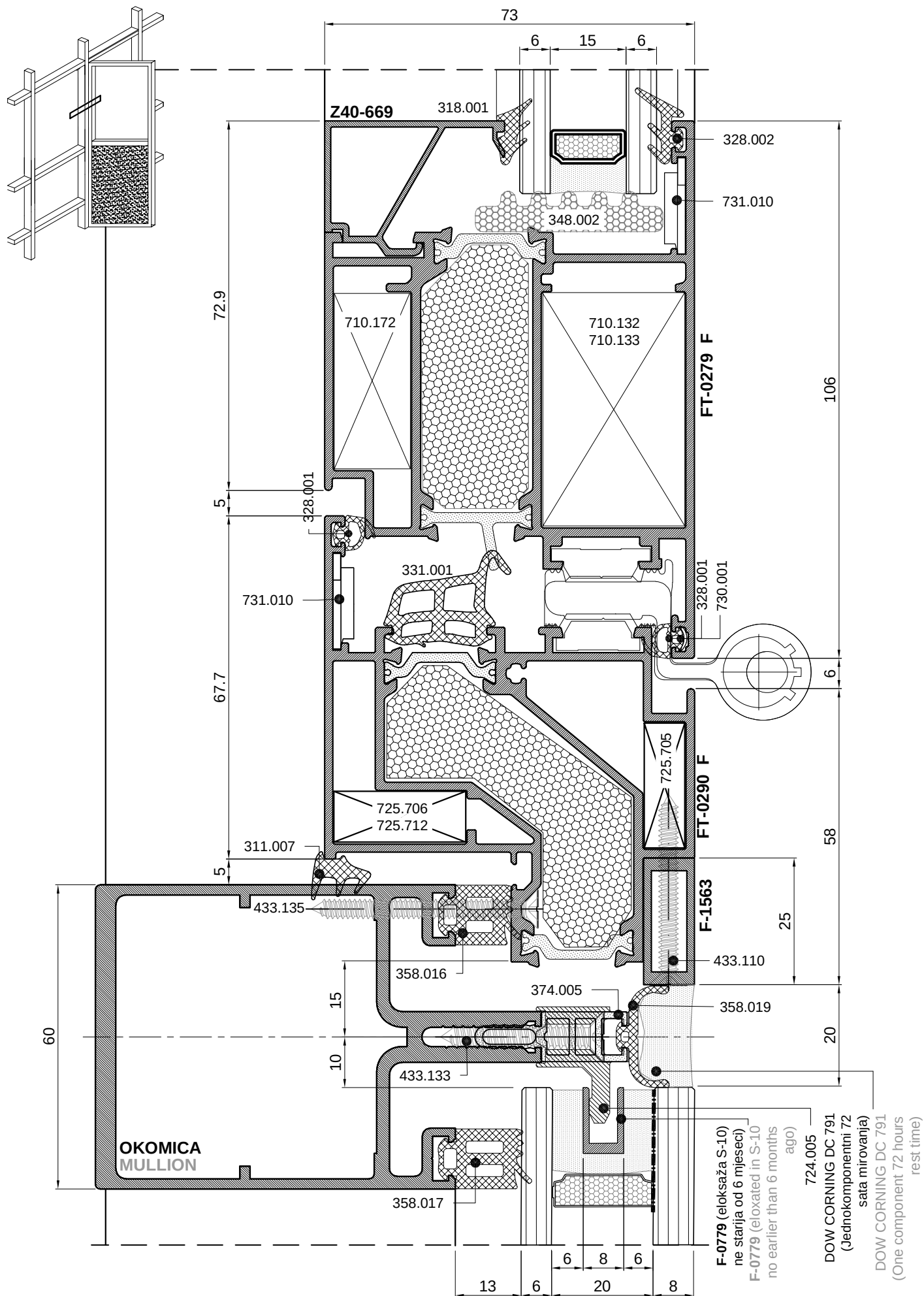


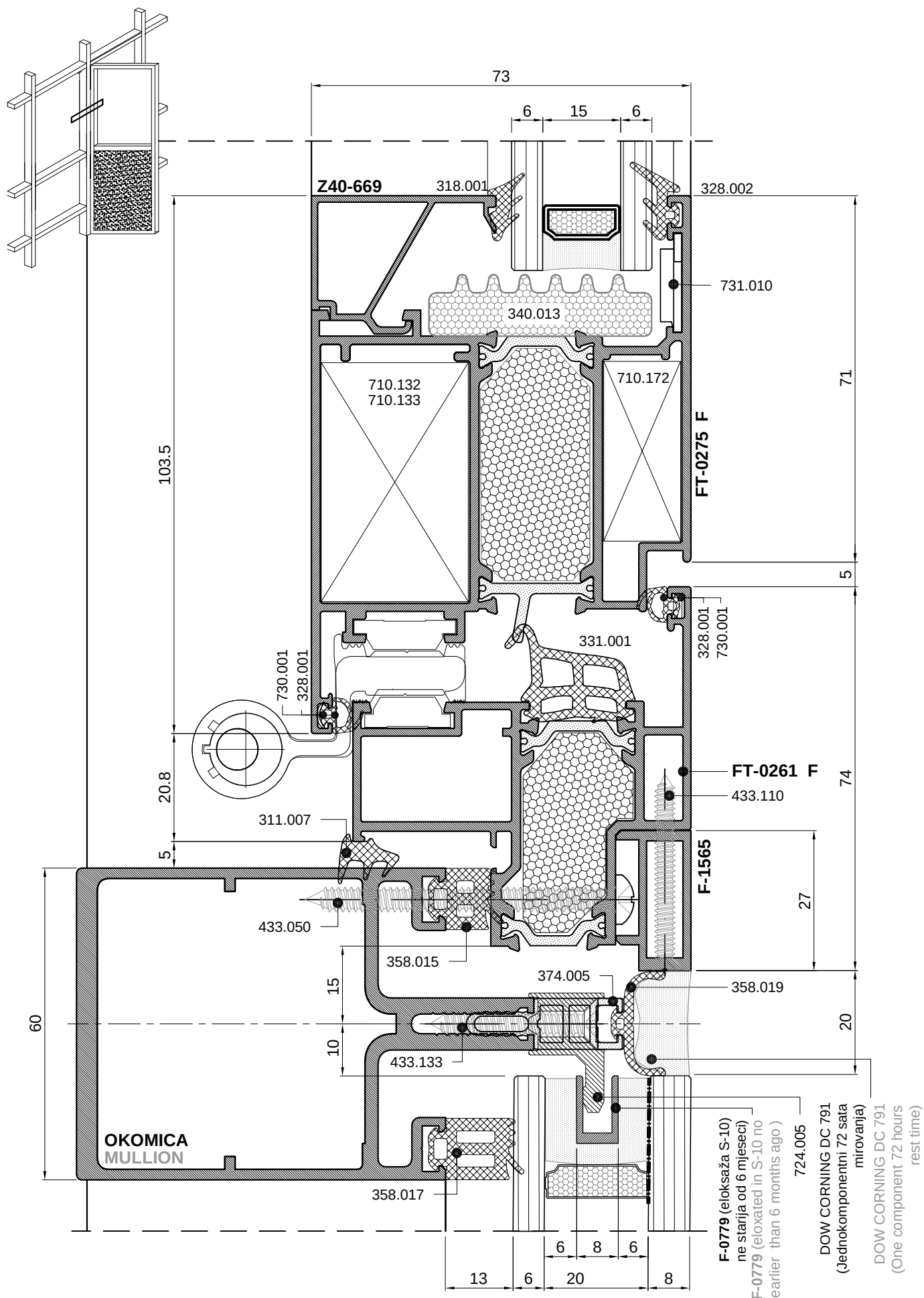


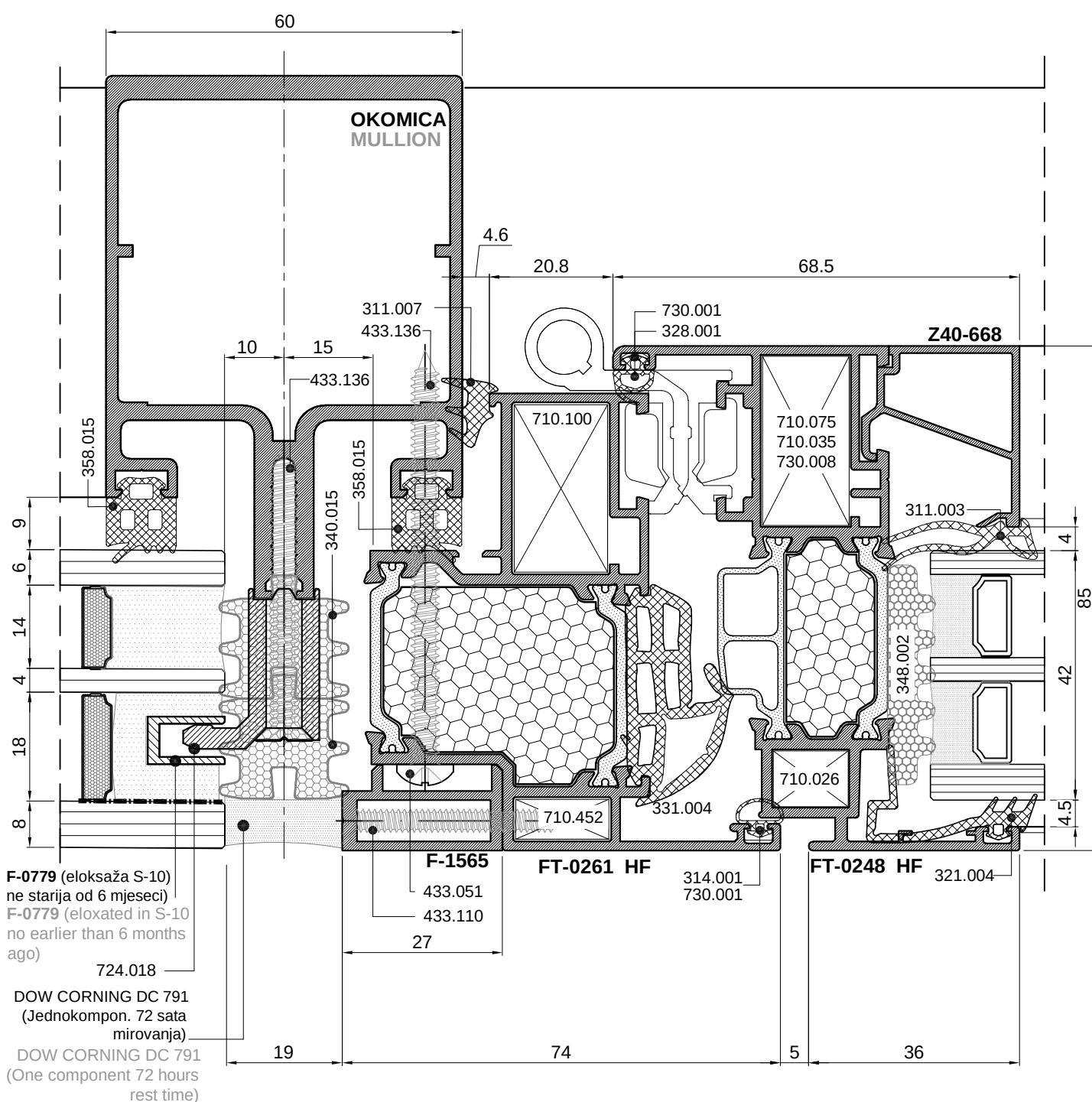
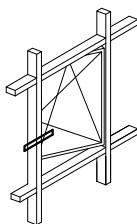


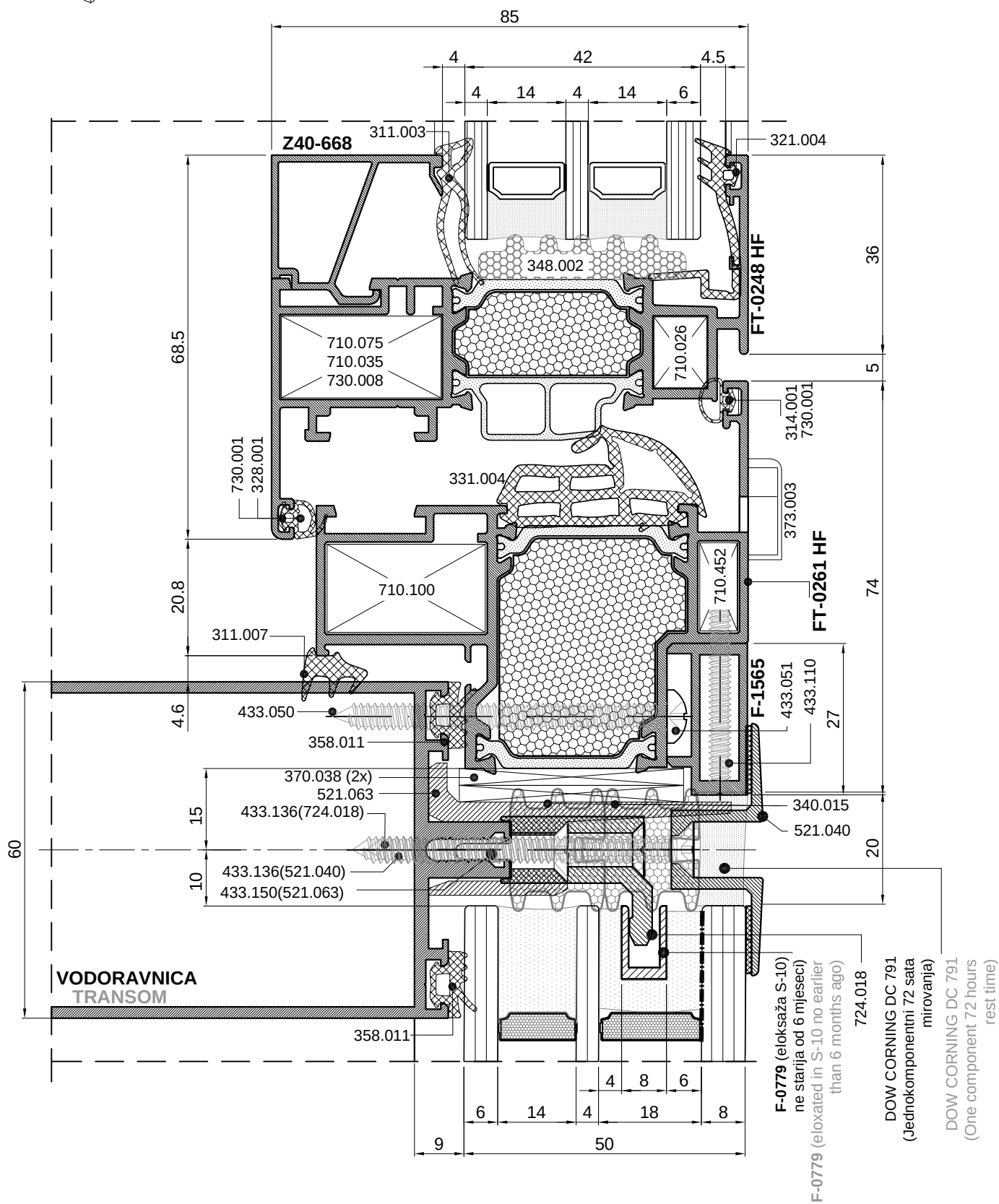
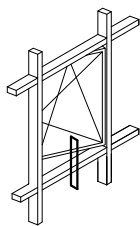


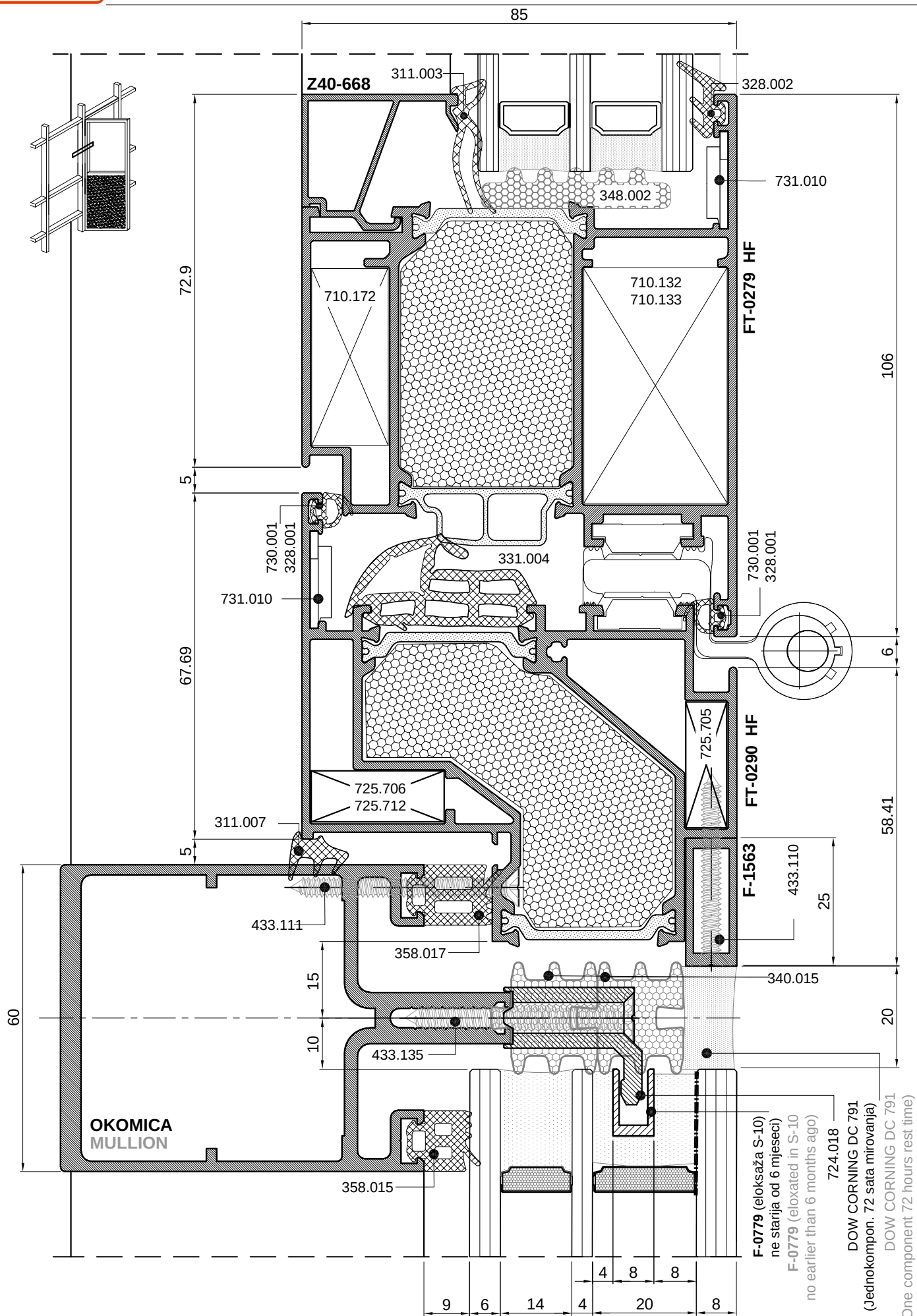


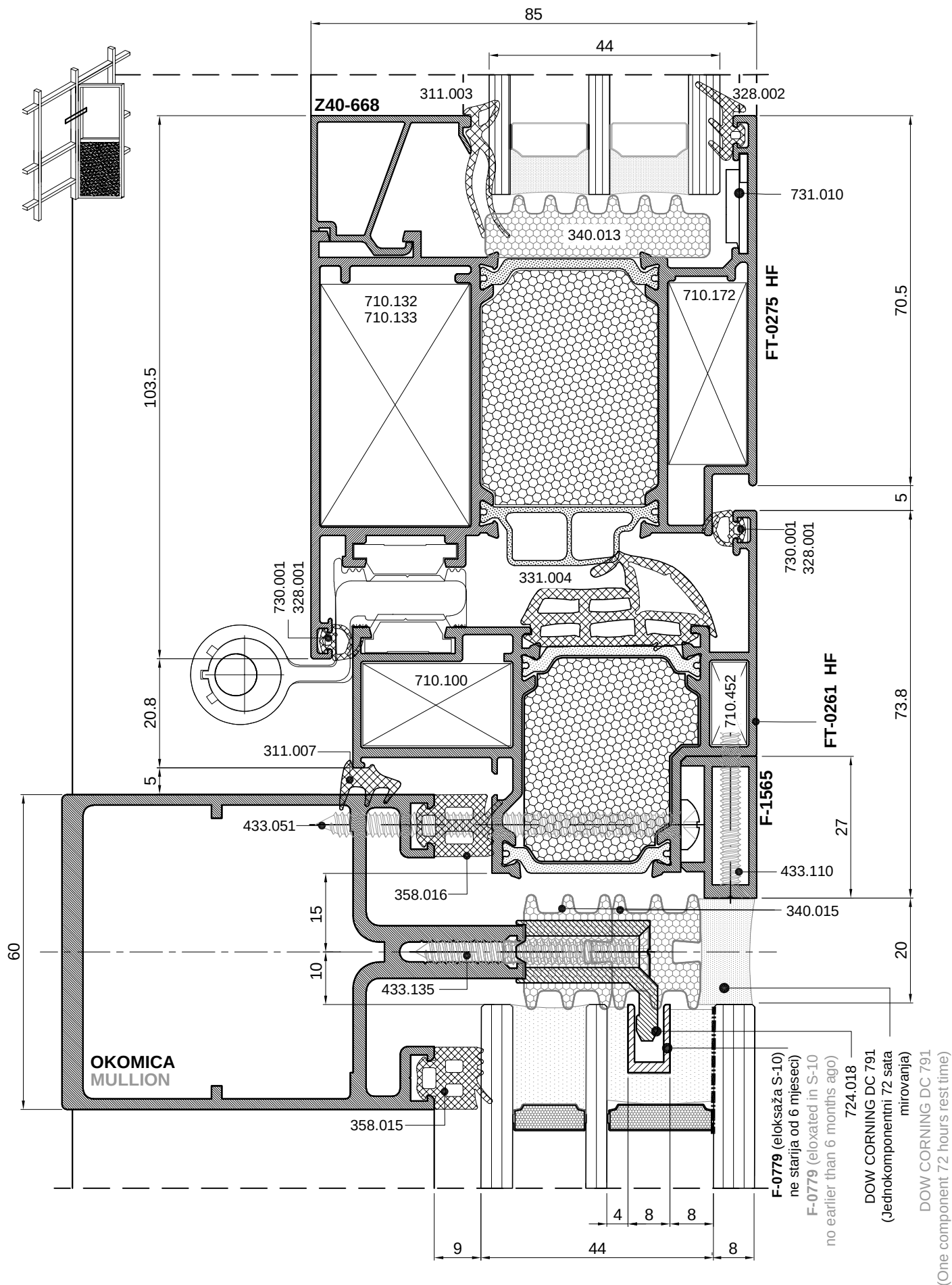


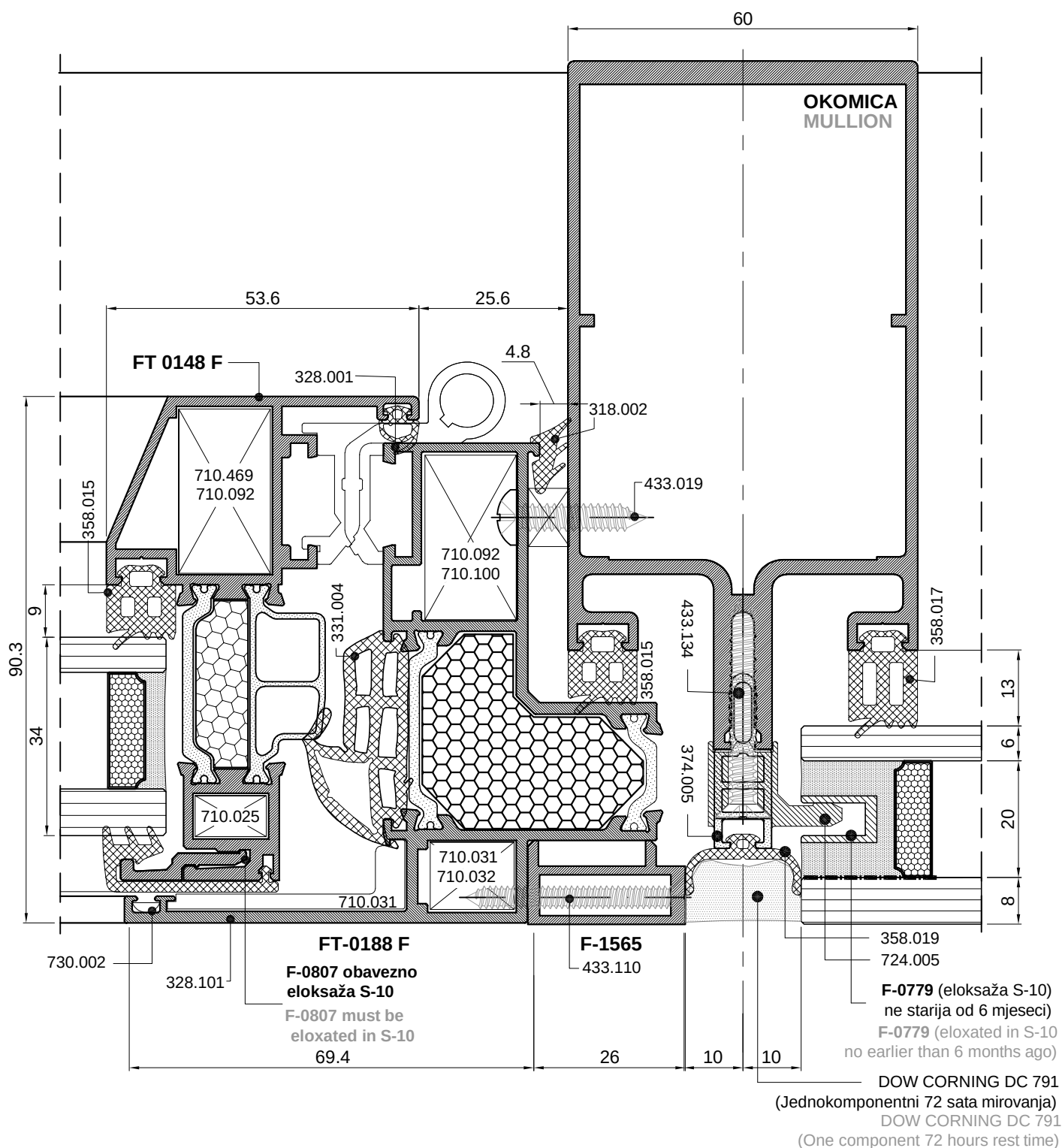
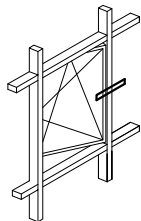


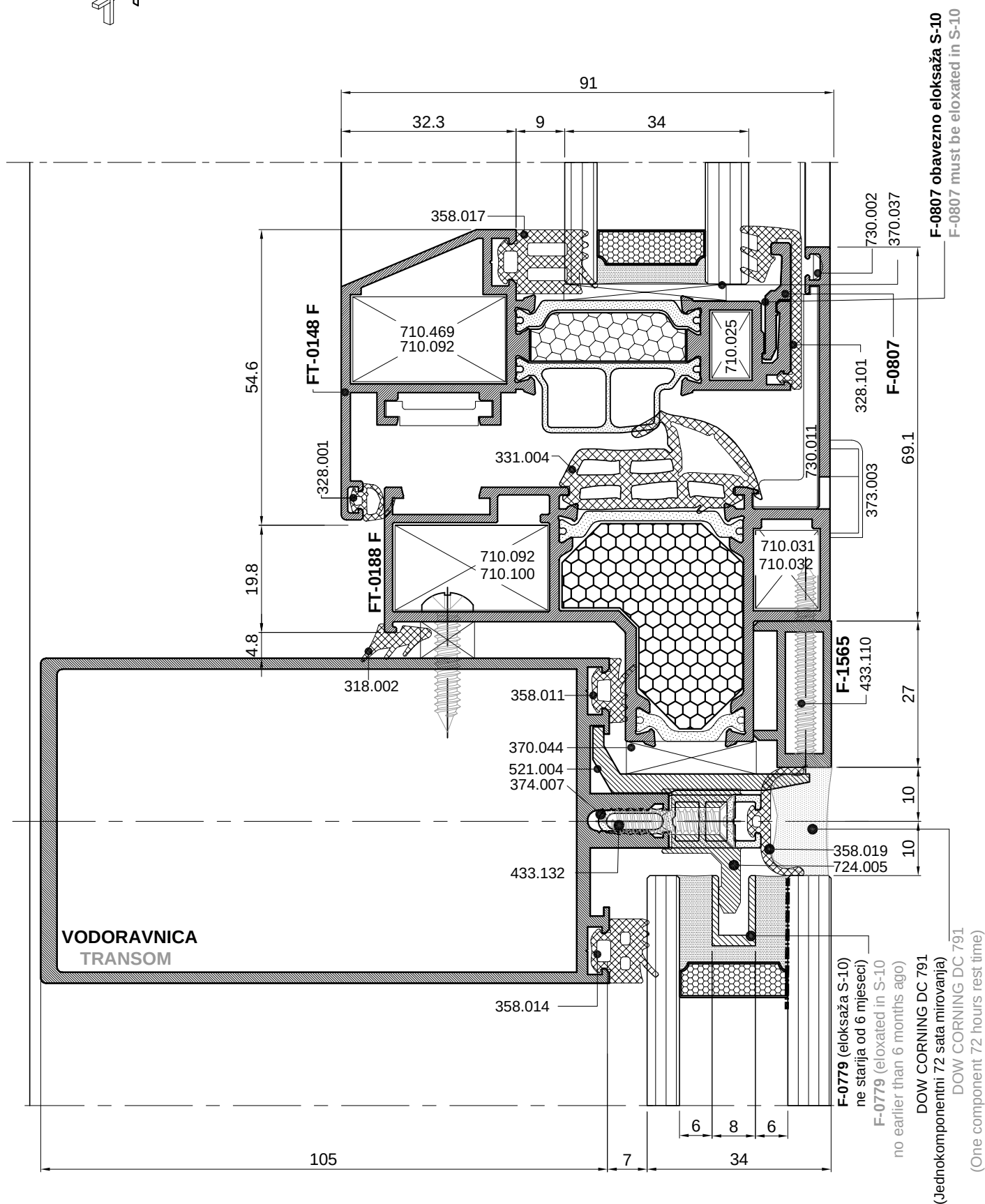
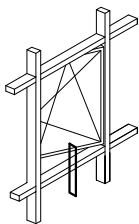


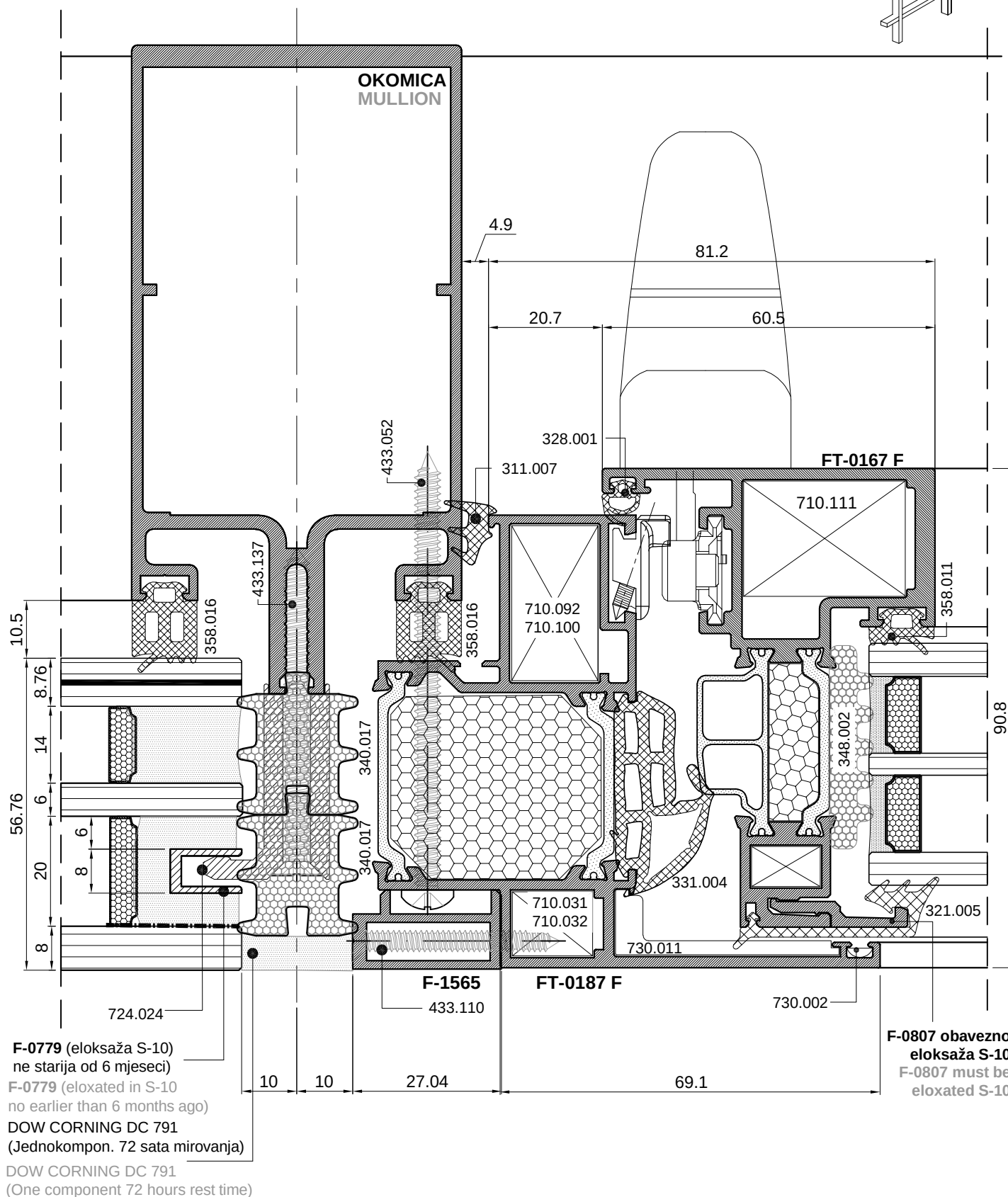
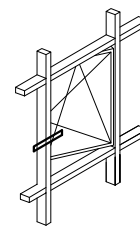


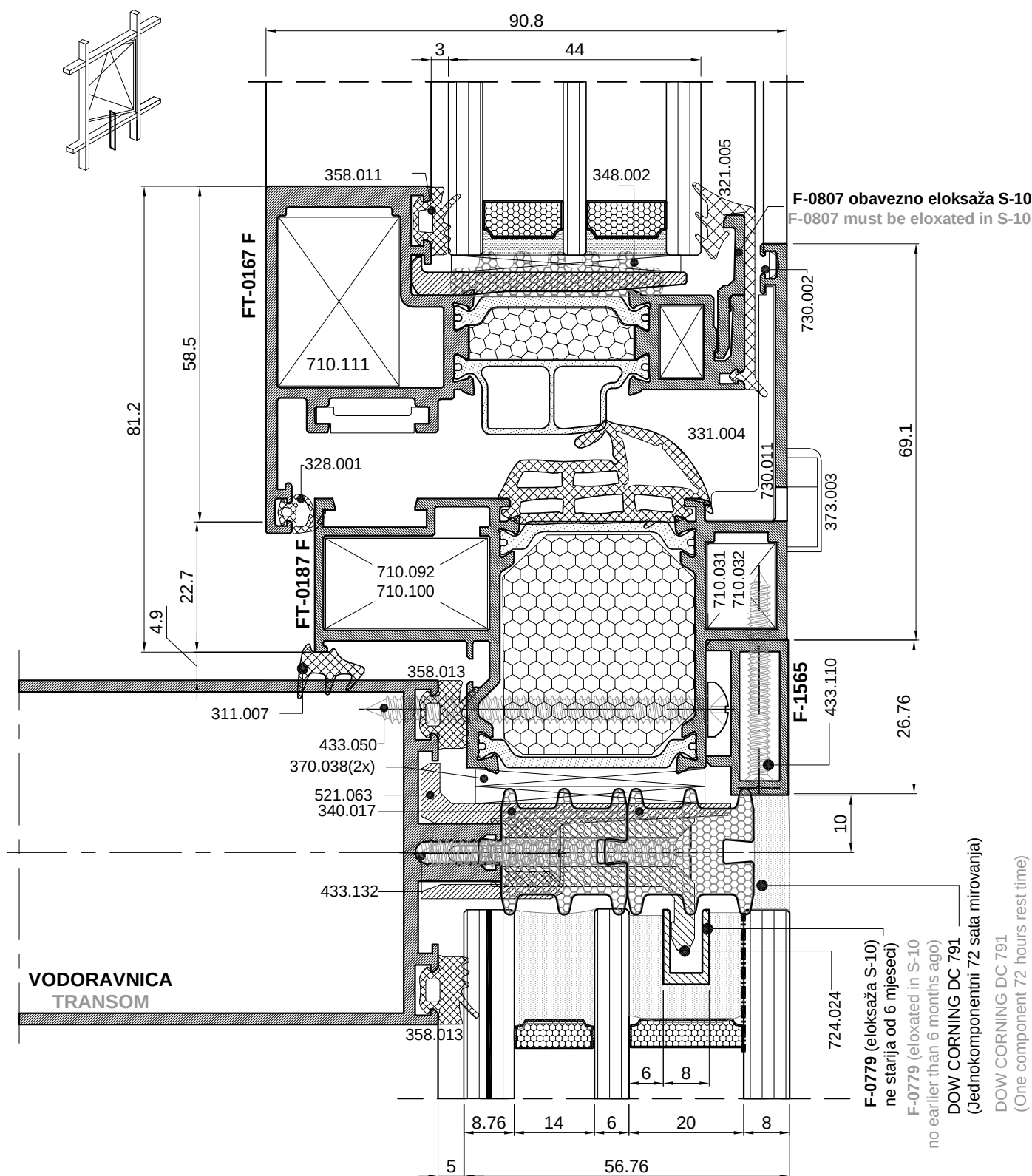


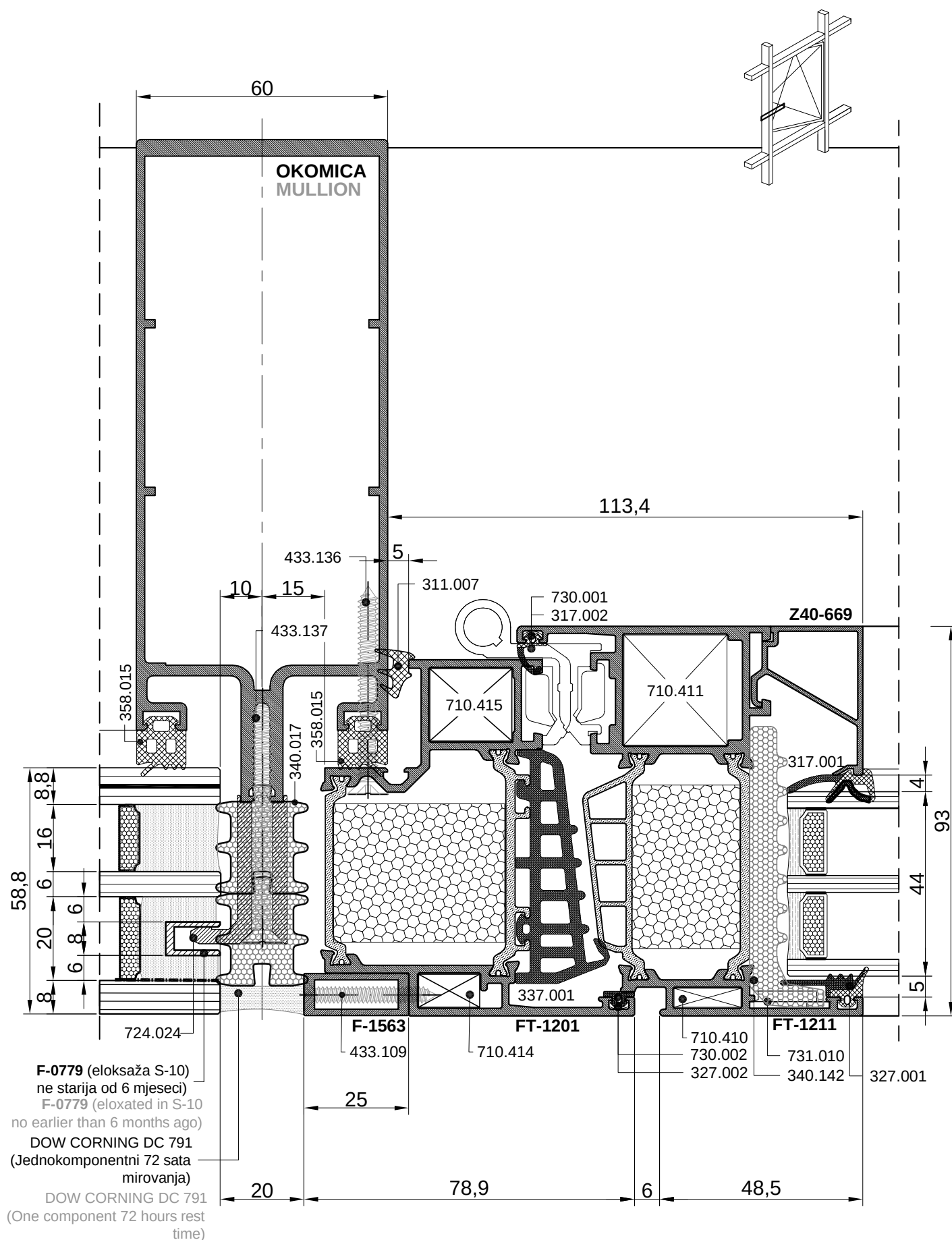


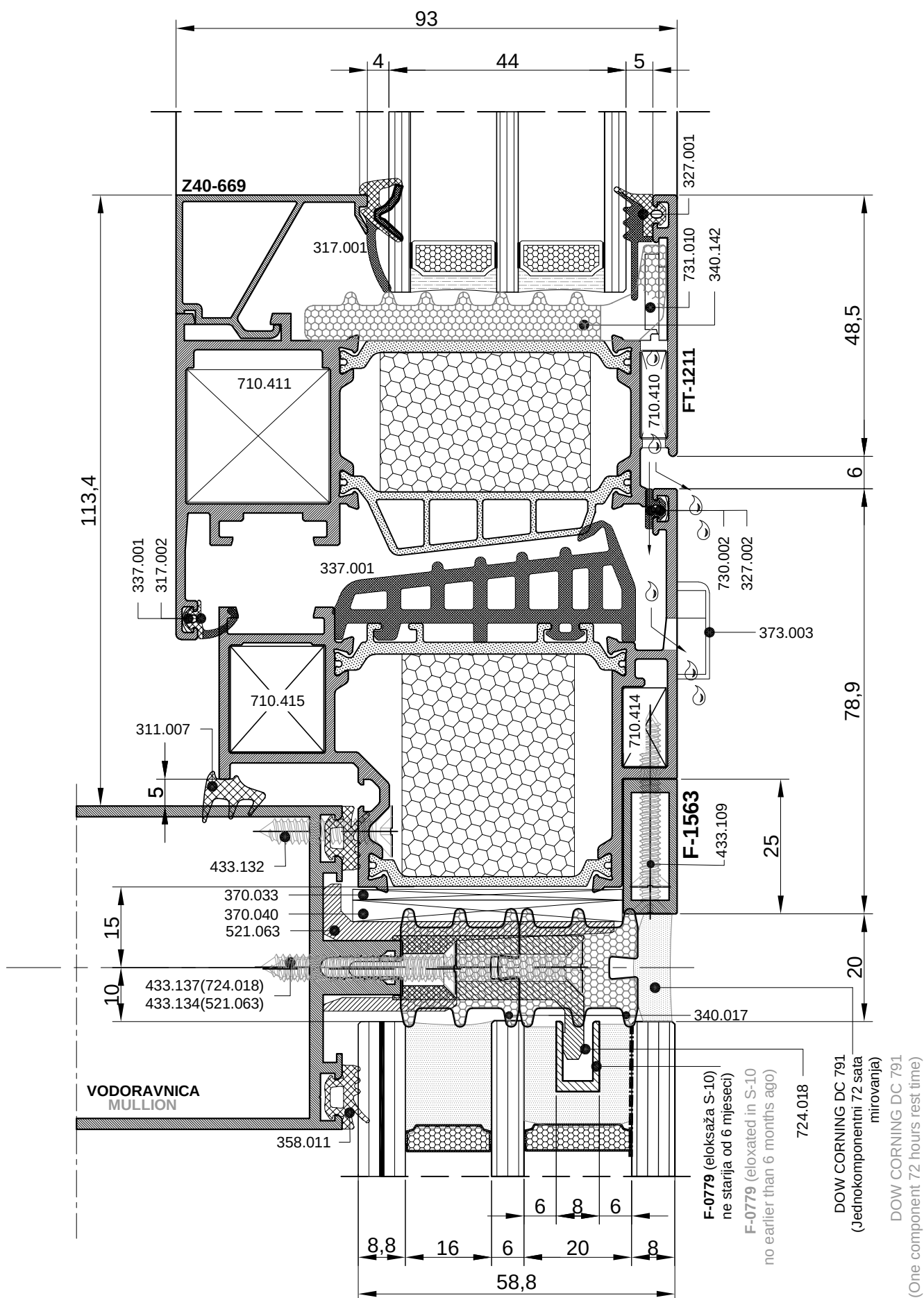


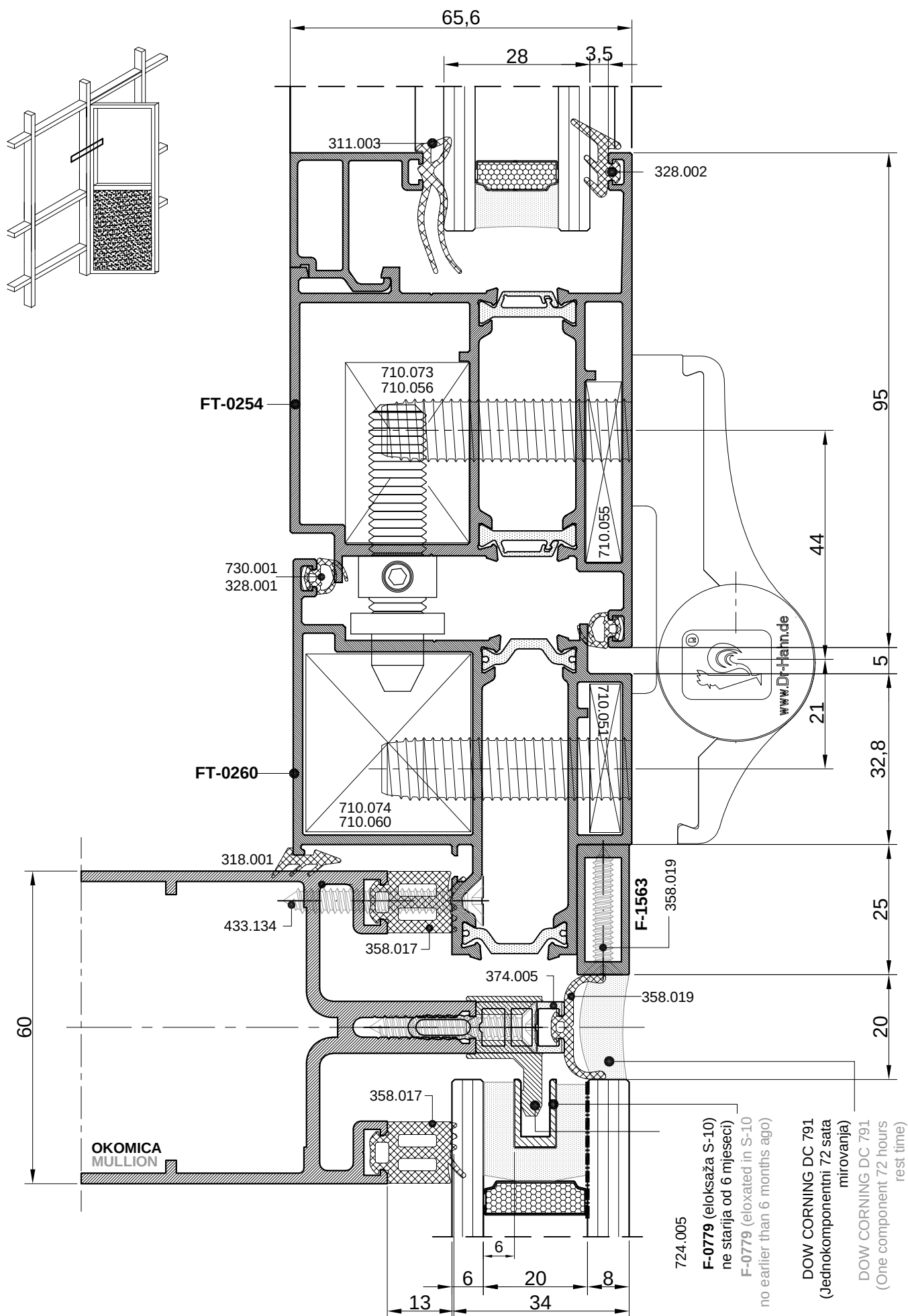


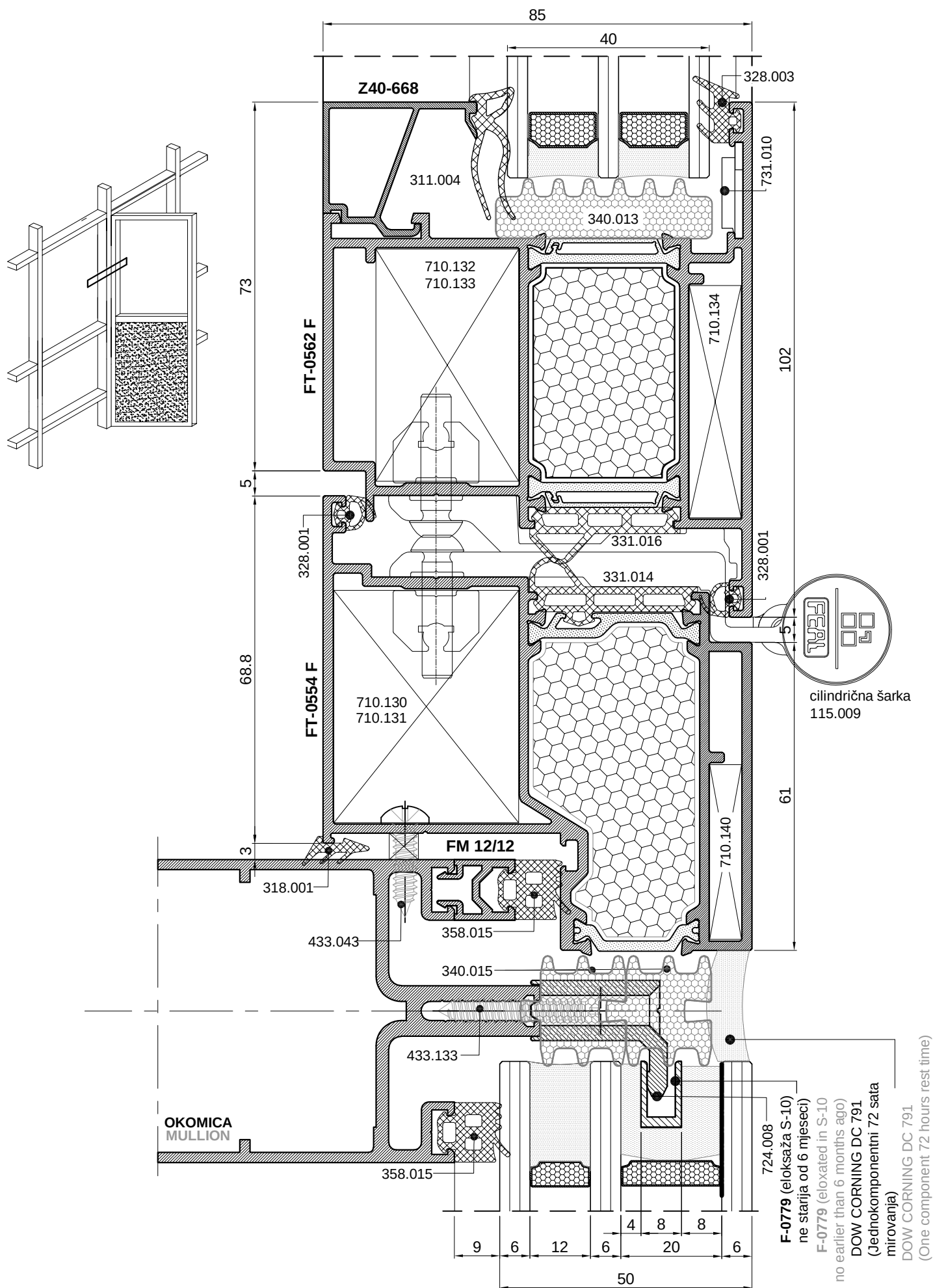


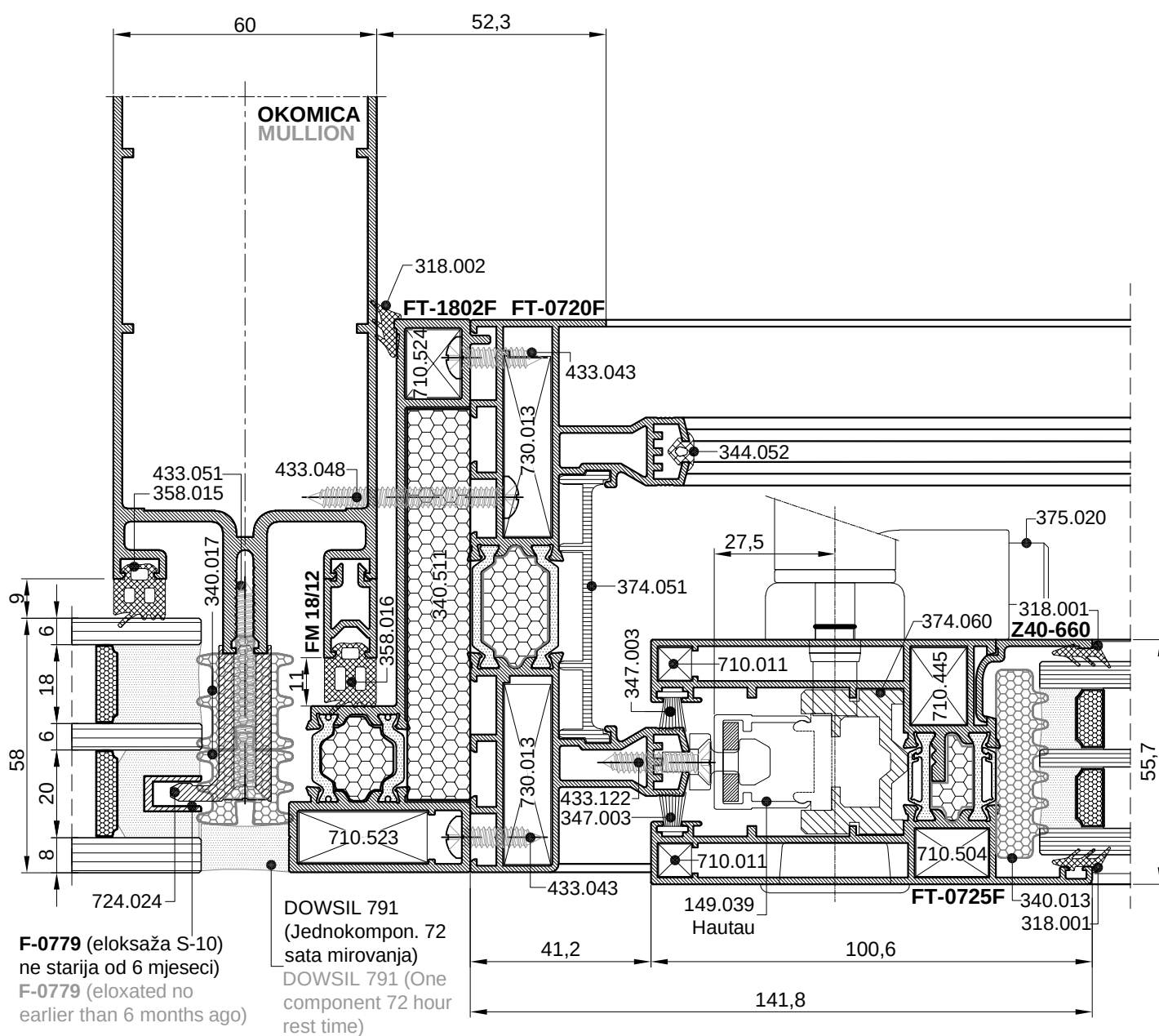
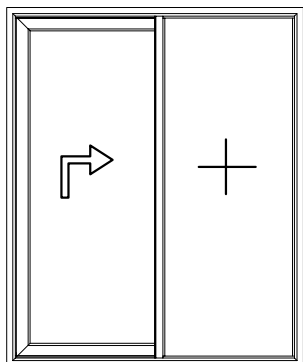


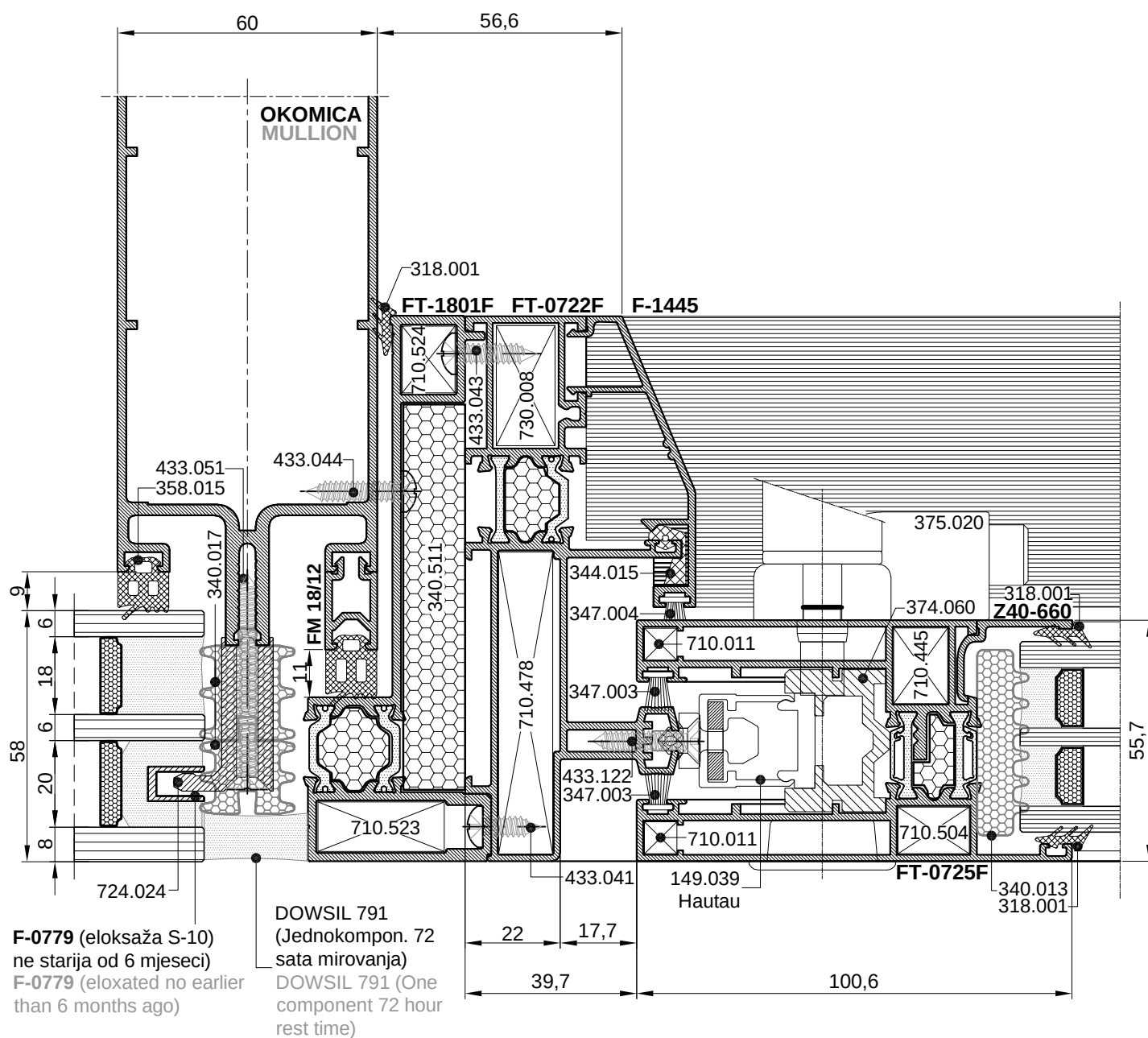
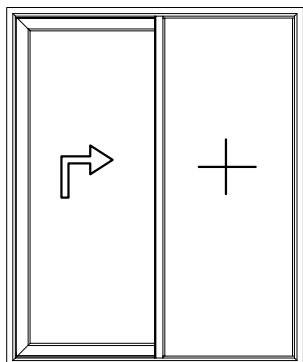


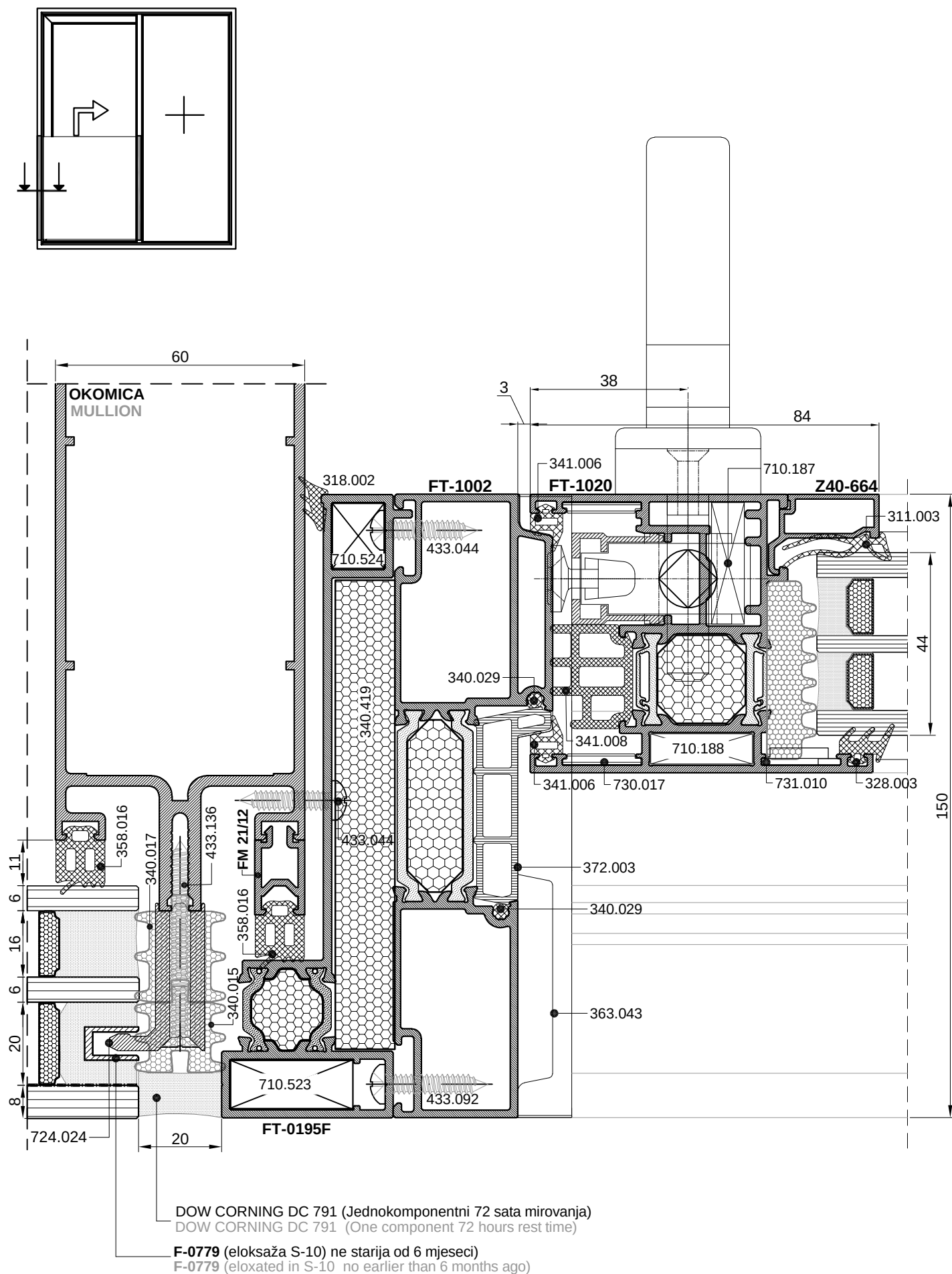


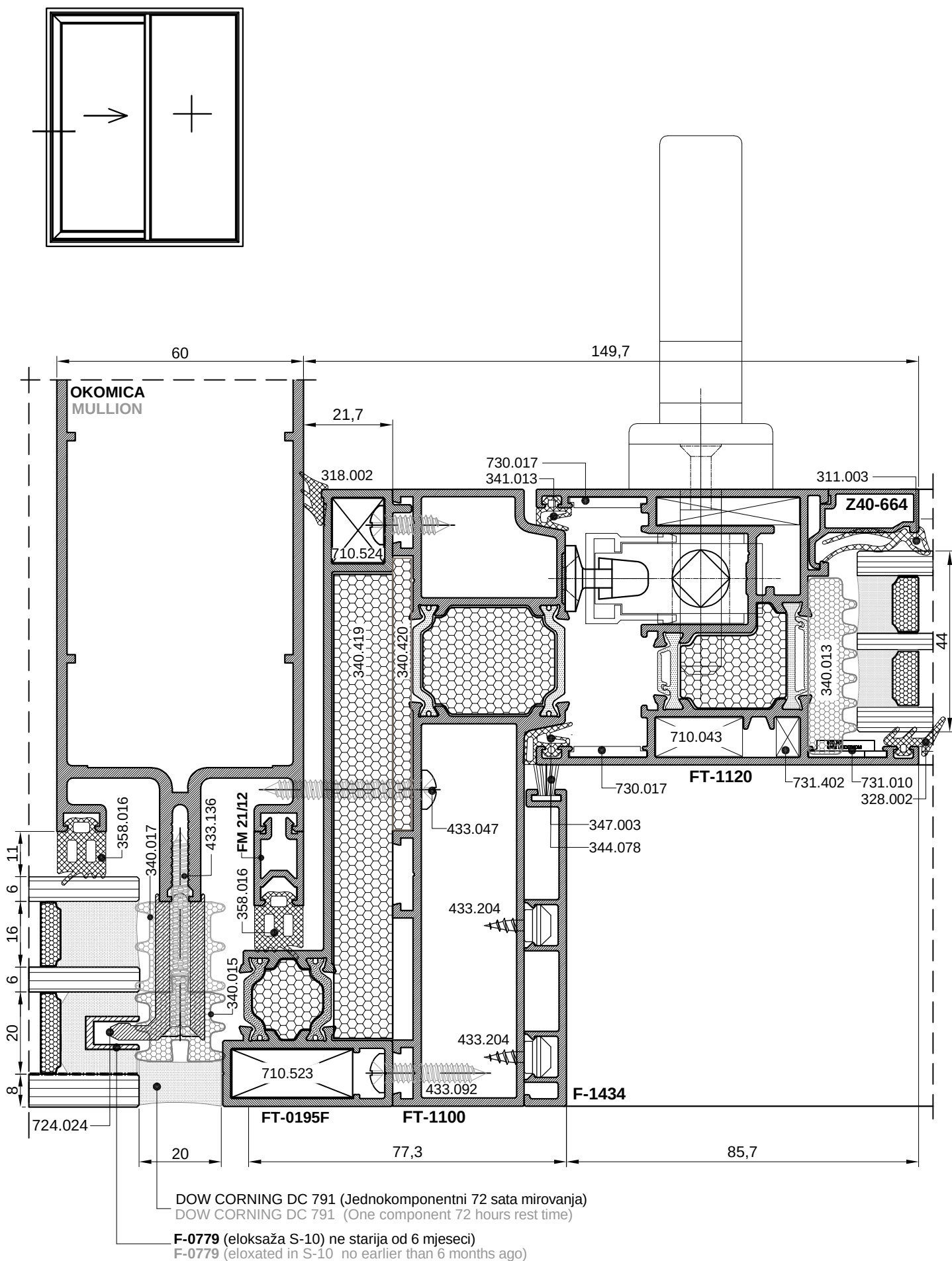


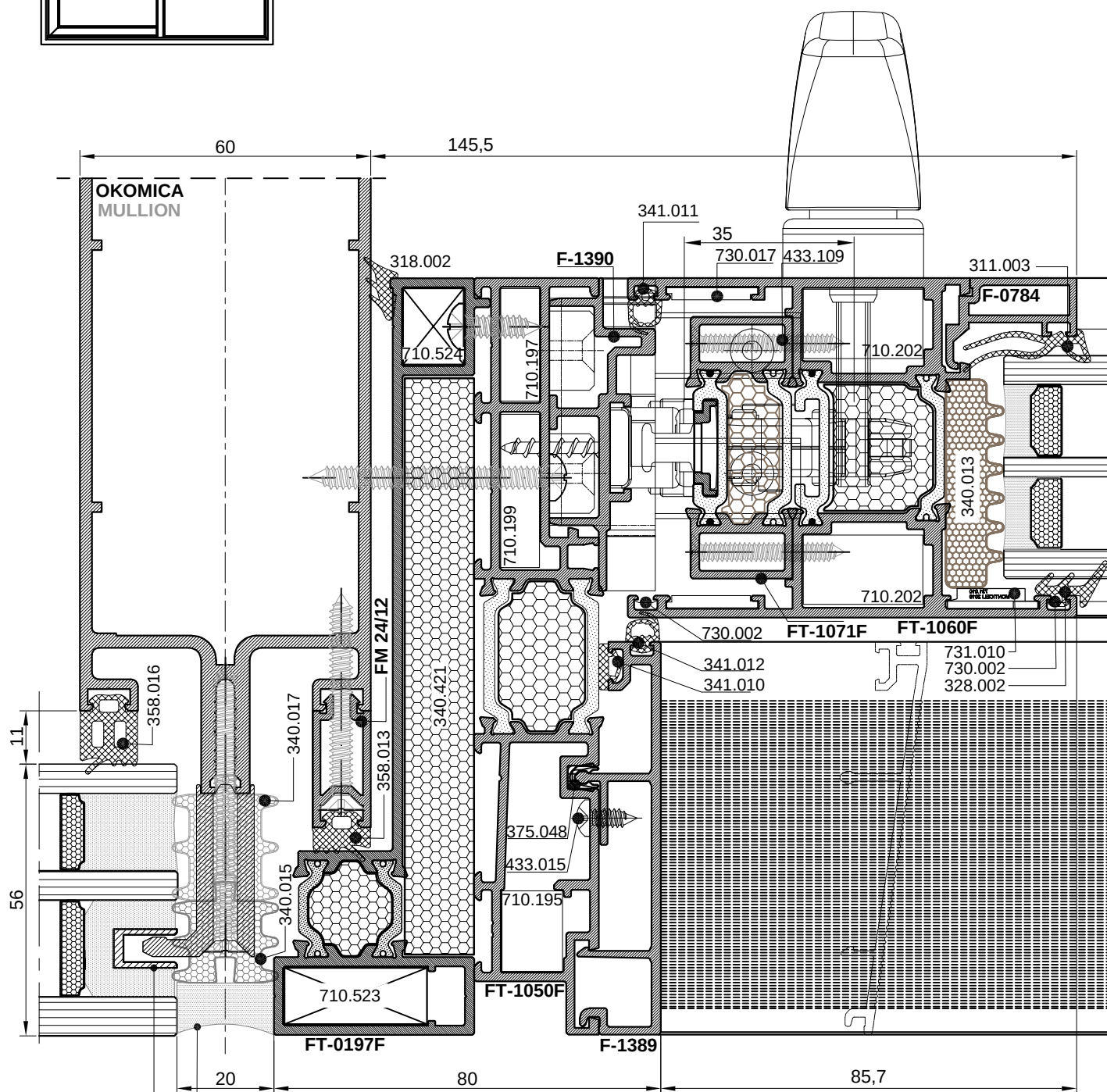
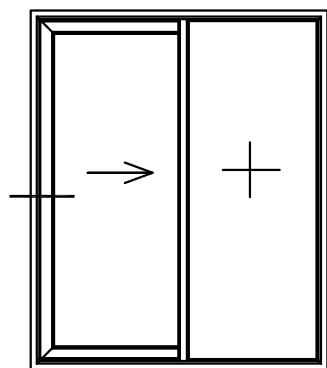












DOW CORNING DC 791 (Jednokomponentni 72 sata mirovanja)
DOW CORNING DC 791 (one component 72 hours rest time)

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



FEAL



Skenirajte QR kod i registrirajte
se na partner.feal.ba

*Scan the QR code and register
on partner.feal.ba*

60 K

Knjiga A / *Book A*
Svibanj 2025. / May 2025

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