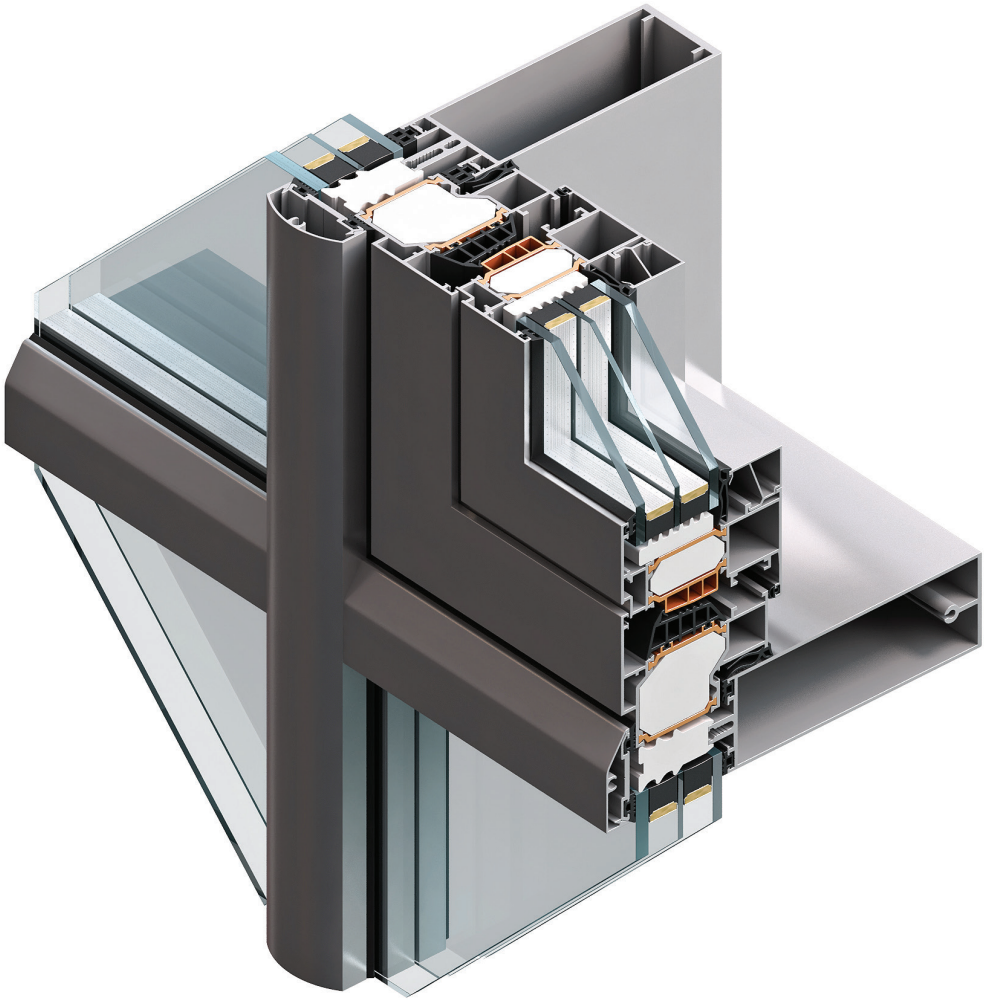
FEAL



50 FK

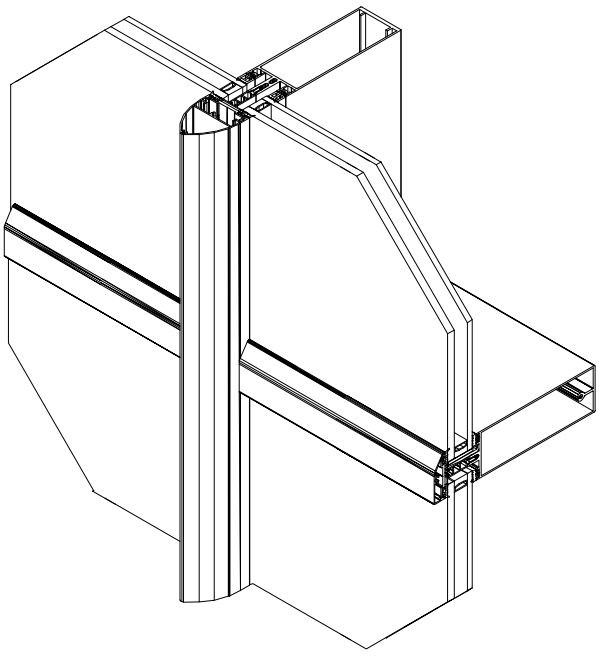
AL. FASADA

AL. FACADE

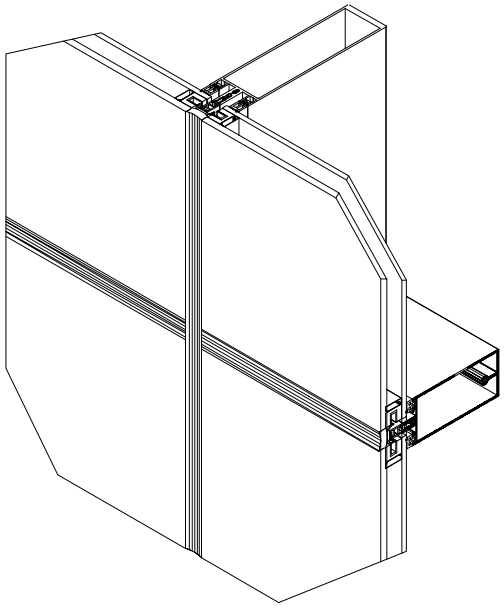
Knjiga A / *Book A*

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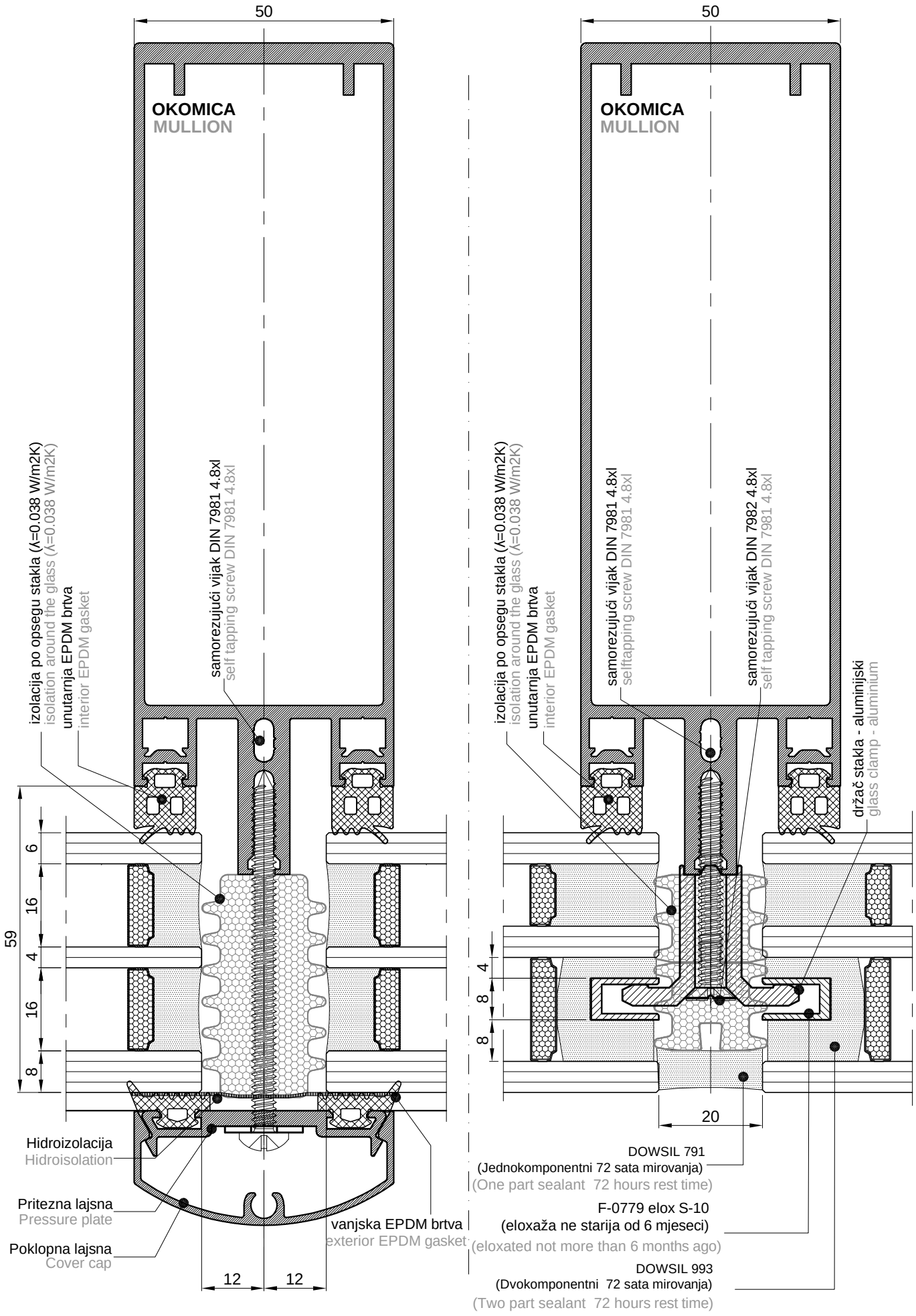


50 FK



50 FS

Značajke sistema
System characteristics


50
OKOMICA
MULLION
izolacija po opsegu stakla (λ=0.038 W/m2K)
isolation around the glass (λ=0.038 W/m2K)
unutarnja EPDM brtva
interior EPDM gasket
samorezujući vijak DIN 7981 4.8xl
self tapping screw DIN 7981 4.8xl
59
6
16
4
16
8
Hidroizolacija
Hidroisolation
Pritezna lajsna
Pressure plate
Poklopna lajsna
Cover cap
vanjska EPDM brtva
exterior EPDM gasket
12
12
50
OKOMICA
MULLION
izolacija po opsegu stakla (λ=0.038 W/m2K)
isolation around the glass (λ=0.038 W/m2K)
unutarnja EPDM brtva
interior EPDM gasket
samorezujući vijak DIN 7981 4.8xl
selftapping screw DIN 7981 4.8xl
samorezujući vijak DIN 7982 4.8xl
self tapping screw DIN 7981 4.8xl
držač stakla - aluminijski
glass clamp - aluminium
4
8
8
20
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
(One part sealant 72 hours rest time)
F-0779 elox S-10
(eloxaža ne starija od 6 mjeseci)
(eloxated not more than 6 months ago)
DOWSIL 993
(Dvokomponentni 72 sata mirovanja)
(Two part sealant 72 hours rest time)

OPIS SISTEMA:

Konstrukcija:
Feal 50FK je sistem za izradu kontinuirane ili strukturalne, samonosive, u cjelini zastakljene, toplo izolirane fasadne konstrukcije od aluminijumskih profila.

Geometrija profila:
Vidljiva širina profila 50mm.
Vertikalni, nosivi profili - okomice (nivo I) su dubina: 90, 120, 140, 160, 200, 270 mm.
Horizontalni profili - vodoravnice (nivo II; tj. nivo III u vertikalnom položaju ukoliko su u konstrukciji i pomoćne vodoravnice), dubina: 88, 118, 136, 138, 158, 198, 268 mm.
Horizontalni profili - pomoćne vodoravnice (nivo II), dubine: 88, 118, 138, 158mm.

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 65, Termo 65 plus, Termo 85, Termo 85 SK, Termo 85 PA, Termo 65 VS, Termo 85 VS, TERMO 150, TERMO 150+, Inowa, Francuski balkon, Fiksni brisoleji. 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 50FK 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 nivo 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 kondeziranjem.

SYSTEM DESCRIPTION:

Construction:
System **Feal 50FK** is used for the producton of selfbearing, fully glazed, thermally isolated aluminium stick or structural curtain walls.

Profile geometry:
Visible profile width 50mm.
Vertical, bearing profiles - mullions (level I) with depths : 90, 120,140, 160, 200, 270 mm.
Horizontal profiles - transoms (level II; level III if the construction has auxiliary transoms), with depths: 88, 118, 138, 158, 198, 268 mm.
Horizontalni profiles - auxiliary transoms (level II), with depth: 88, 118, 138, 158 mm.

Specially designed facade openings such as turn-tilt windows, tilt windows (inwards and outwards) 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 65, Termo 65 plus, Termo 85, Termo 85 SK, Termo 85 PA, Termo 65 VS, Termo 85 VS, TERMO 150, TERMO 150+, Inowa, French balcony, Fixed sun breakers. 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 are mounted cover caps of different shapes (narrow or deep rectangular, curved, eliptic, etc.) and dimensions. Exceptions are the some cover caps that, 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 used are resistent to wheather conditions, temperatural differences and mold. Also used are watertight protection bands that prevent water and mouisture entering the isolation.

System FEAL 50FK makes it possible to drain condesation using two level or 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 necessery ventilating and drying of moiusture that occurs due to the condensation.

Ispitivanja i certifikati
Testing and certificates

ISPITIVANJA I CERTIFIKATI U FADADI 50 FK
TESTING AND CERTIFICATES IN FACADE 50 FK

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	RE_{1200}
Otpornost na vjetar Resistance to wind	EN 13116	ift Rosenheim	Dizajnirano opterećenje ±2,0 kN/m² Design load Sigurnosno opterećenje ±3,0 kN/m² Safety load
Zvučna izolacija Airborne sound reduction	EN ISO 717-1	gbd Lab	Rw(C,Ctr)(dB); 43 (-1,-5)
Toplinska izolacija Thermal insulation	DIN EN ISO 10077-2	ift Rosenheim	(U_f ≥ 0.72 W/m^{2}K) 50 FK (U_f ≥ 0.78 W/m^{2}K) 50 FS
Protuprovalnost Protection against burglary	EN 1627	gbd Lab	RC2
Otpornost na udar Impact resistance	EN 14019	gbd Lab	I5 / E5

OPĆENITE BILJEŠKE

Sljedeće prezentirane informacije namijenjene su za statičko preddimenzioniranje FEAL-ovog sistema fasade 50 FK i 50 FS te su bazirane prema dostupnim i valjanim normama u građevini i aluminijskim konstrukcijama. Kako su norme podložne konstantnim revizijama i izmjenama, proizvođači moraju uvijek provjeriti njihovu valjanost na vlastitu odgovornost. Statička valjanost konstrukcije mora biti odobrena od strane odgovorne osobe ili organizacije. Do sada, fasadne konstrukcije regulirane su preko maksimalnih dopuštenih progiba u slučaju opterećenja vjetrom za okomice ili vlastite težine za vodoravnice prema normi **EN 13 830**. Dodatno na ovu normu fasadne konstrukcije mogu podlijegati normi za prozore EN 14 351-1, posebnim nacionalnim normama ili normama unutar korištenih komponenti (npr. stakla, itd.).

GENERAL NOTES

The next presented information are intended for static pre-dimensioning of FEAL's facade system 50 FK and 50 FS and are based on available and valid norms in construction and aluminum constructions. Since norms are subject to constant revision and changes, processors must always verify their validity on their own responsibility. The static proof must be verified by authorised person or organization. So far, facade construction are regulated through maximum deflection of mullion and transoms in case of wind loads and dead loads respectively by product norm **EN 13 830.** Additionally on mentioned norms, facade constructions can be subjected to windows norm EN 14 351-1, special national norms or norms within used components (e.g. glazing, etc.)

TEHNICKE PREDPOSTAVKE ANALIZE

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

-Statički model nosaca:Nosac oslonjen u 2 i 3 krajnje točke sidrenja
-Uvjeti eksploatacije obzirom na vjetar:.....V=50-180km/h
-Maximalni vodoravni raster fasade:.....L=60-210cm
-Dozvoljeni progib nosača:.....fpr<=H/300(cm)
-Specifično opterećenje fasade vjetrom:.....q(kg/cm2)
-Jedinično opterećenje nosača:.....Q=qxL(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

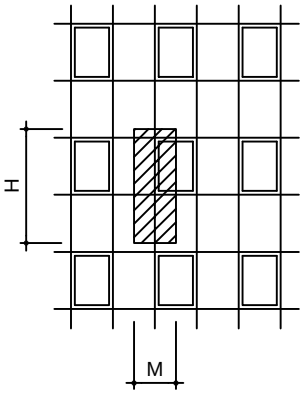
In this technical calculation following technical assumptions are relevant for the calculation.

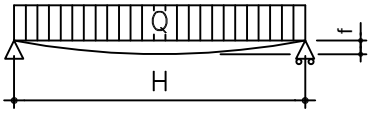
-Structural beam model:Beam supported in 2 and 3 end points
-Wind load range:.....V=50-180km/h
-Maximal horizontal mullion distance:.....L=60-210cm
-Allowed deformation:.....fpr<=H/300(cm)
-Specific wind load:.....q(kg/cm2)
-Specific load on the mullion:.....Q=qxL(kg/cm)

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 and MACEDONIA according to the Tehnical 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 GEOGRAFICAL AREA					
		I	I	II	II	III	III
		Kg/m2	Km/h	Kg/m2	Km/h	Kg/m2	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

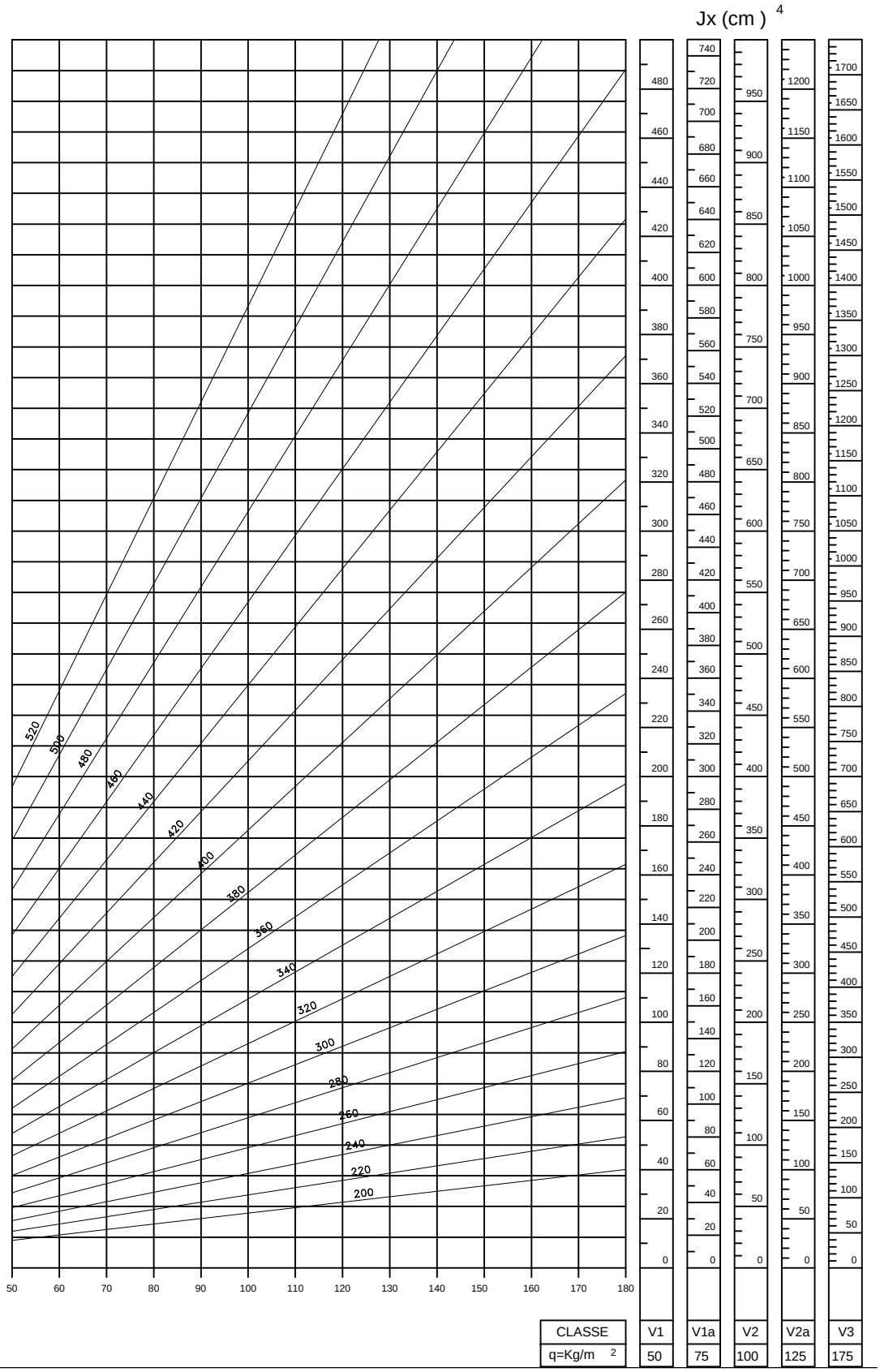
f = PROGIB [cm]
f = deformation

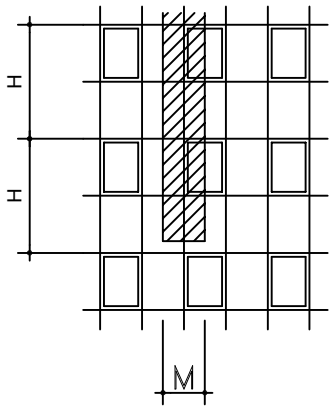
M = 115 cm

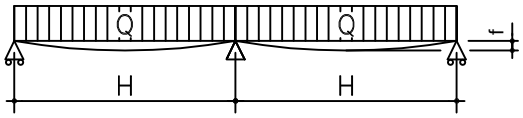
H = 320 cm

q = 100 Kg/m^2

Jx = 210 cm^4







fadm = H/300

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

Jx = [cm]^4

Q = [Kg]

q = [Kg/m]^2

Q = q M H = [Kg]

E = [Kg/cm]^2

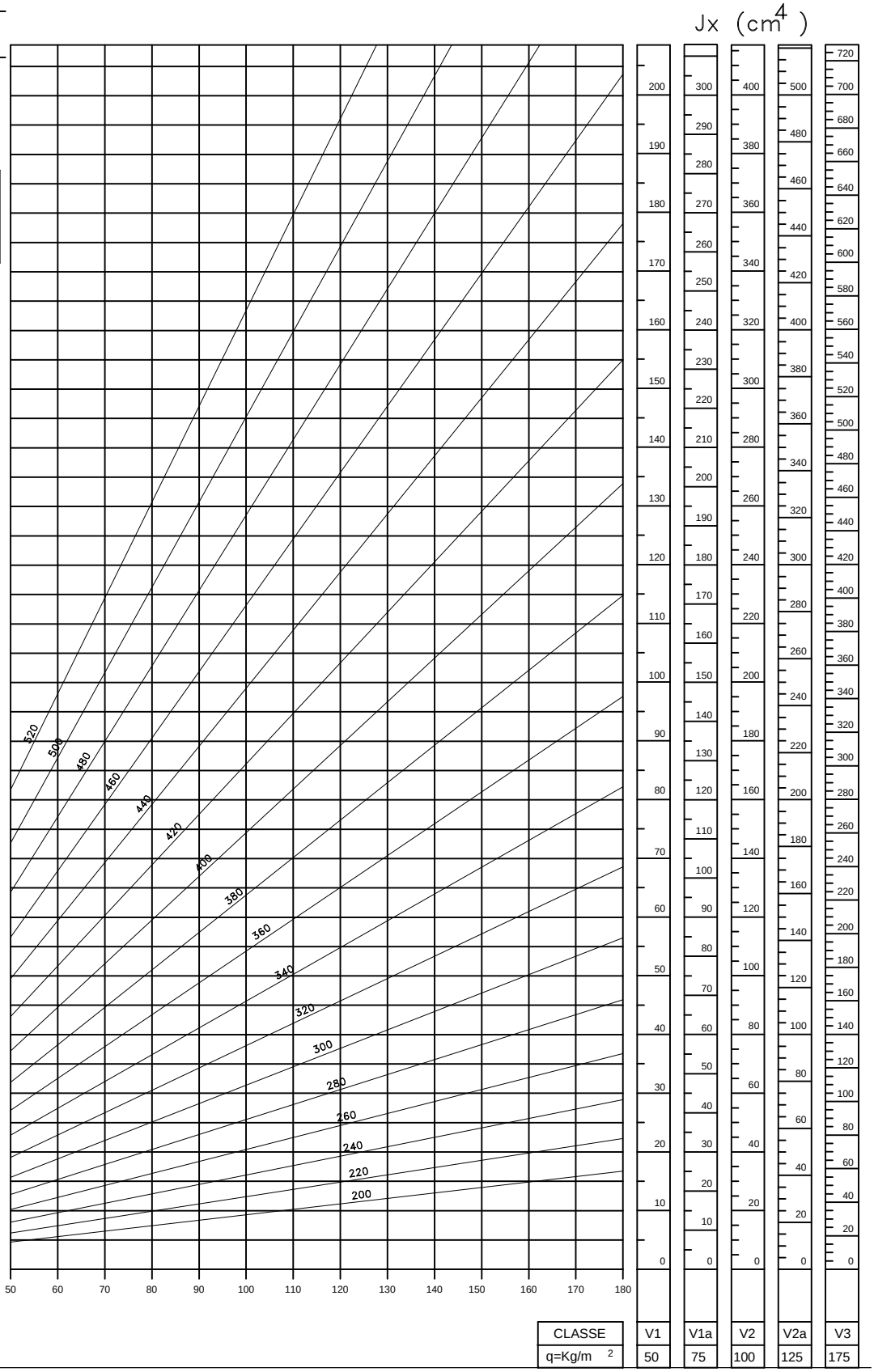
f = [cm]

M = 115 cm

H = 320 cm

q = 100 Kg/m^2

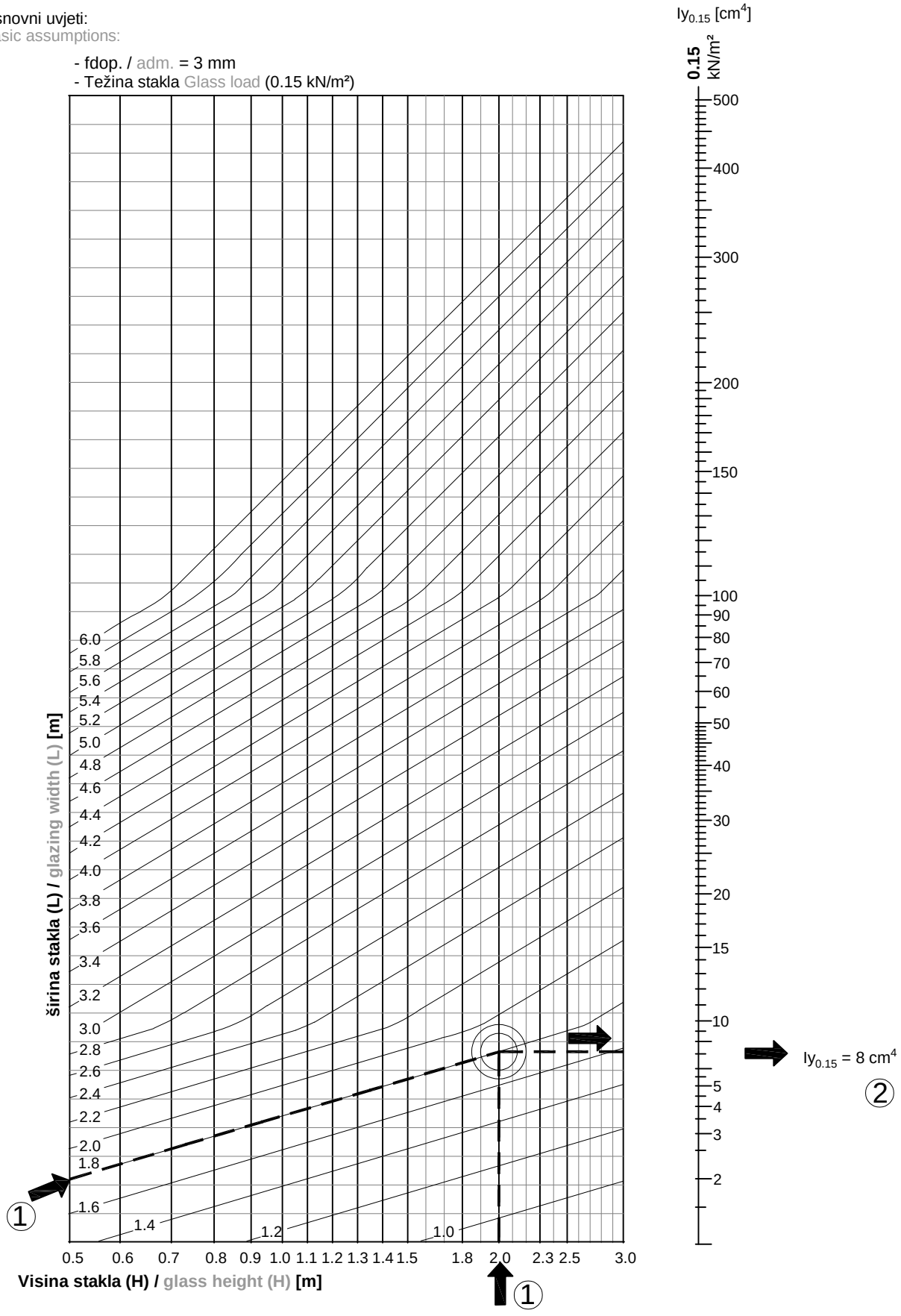
Jx = 87.5 cm^4



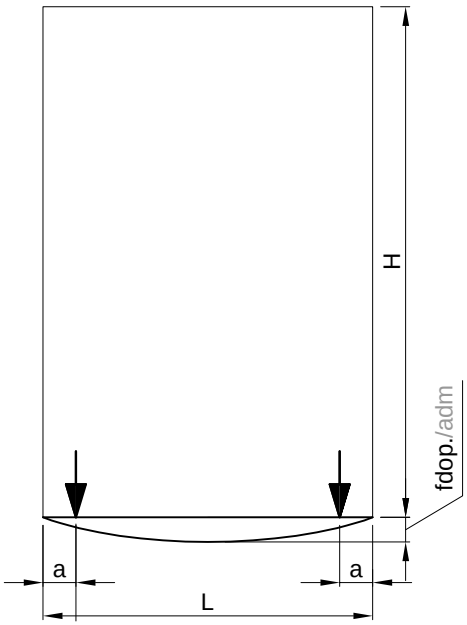
Statički dijagram Težina stakla Structural diagram glass load

Osnovni uvjeti:
Basic assumptions:

- fdop. / adm. = 3 mm
- Težina stakla Glass load (0.15 kN/m²)



Statički dijagram Težina stakla Structural diagram glass load



1. Ulazni podaci / Input data:

Širina stakla / Glass width:
L= 1.80 m

Visina stakla /Glass height:
H = 2.0 m

Debljina stakla/Glass thickness:
D = 20 mm*

* uzima se u obzir samo debljina staklenih ploha
* only glass pane thickness is calculated

2. Određivanje potrebnog momenta Iy pod jediničnim opt. 0.15 kN/m²
Determination of required moment Iy under unit load 0.15 kN/m²

za / for qs 0.15 kN/m²
$Iy_{0.15}$ = 8 cm^4

3. Određivanje potrebnog momenta Ix pod opterećenjem na objektu
Determination of required moment Ix under load on the building

Debljina stakla Glass thickness D=20 mm ==>> K=3.33

Potrebni / required $Iy=K_{20} \cdot Iy_{0.15}$ = (3.33) · 8 cm^4 = 26,7 cm^4

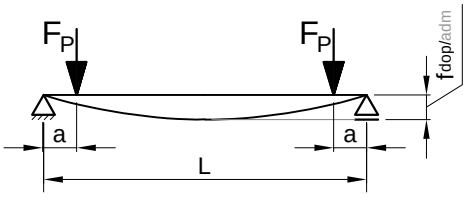
4. Odabrati profil vodoravnice s većim Iy
Select the transom profile with bigger Iy

Moment inercije Iy mora biti veći od 26,7 cm^4
Moment of inertia Iy must be bigger than 26,7 cm^4

! Vlastita težina profila nije uzeta u opterećenje !
The dead weight of profiles is not considered !

Statičke jednadžbe Structural formulas

Nosač na dva oslonca / Beam on 2 supports



a = 150 mm fiksno / fixed

$$F = \frac{H \cdot L}{2} \cdot q_S$$

$$Iy = \frac{F \cdot a}{24 \cdot E \cdot fdop\,/\,adm.} \cdot (3 \cdot L^2 - 4\,a^2)$$

I_y	(cm^4) = Moment inercije / Moment of inertia
F_P	(kN) = Pojedinačno opterećenje / Single load
a	(cm) = Udaljenost oslonca / Support distance
H	(cm) = Visina stakla / Glass height
L	(cm) = Širina stakla / Glass width
q_S	(kN/cm²) = Težina stakla / Glass weight
fdop. / adm.	(cm) = dop.progib / adm. deflection

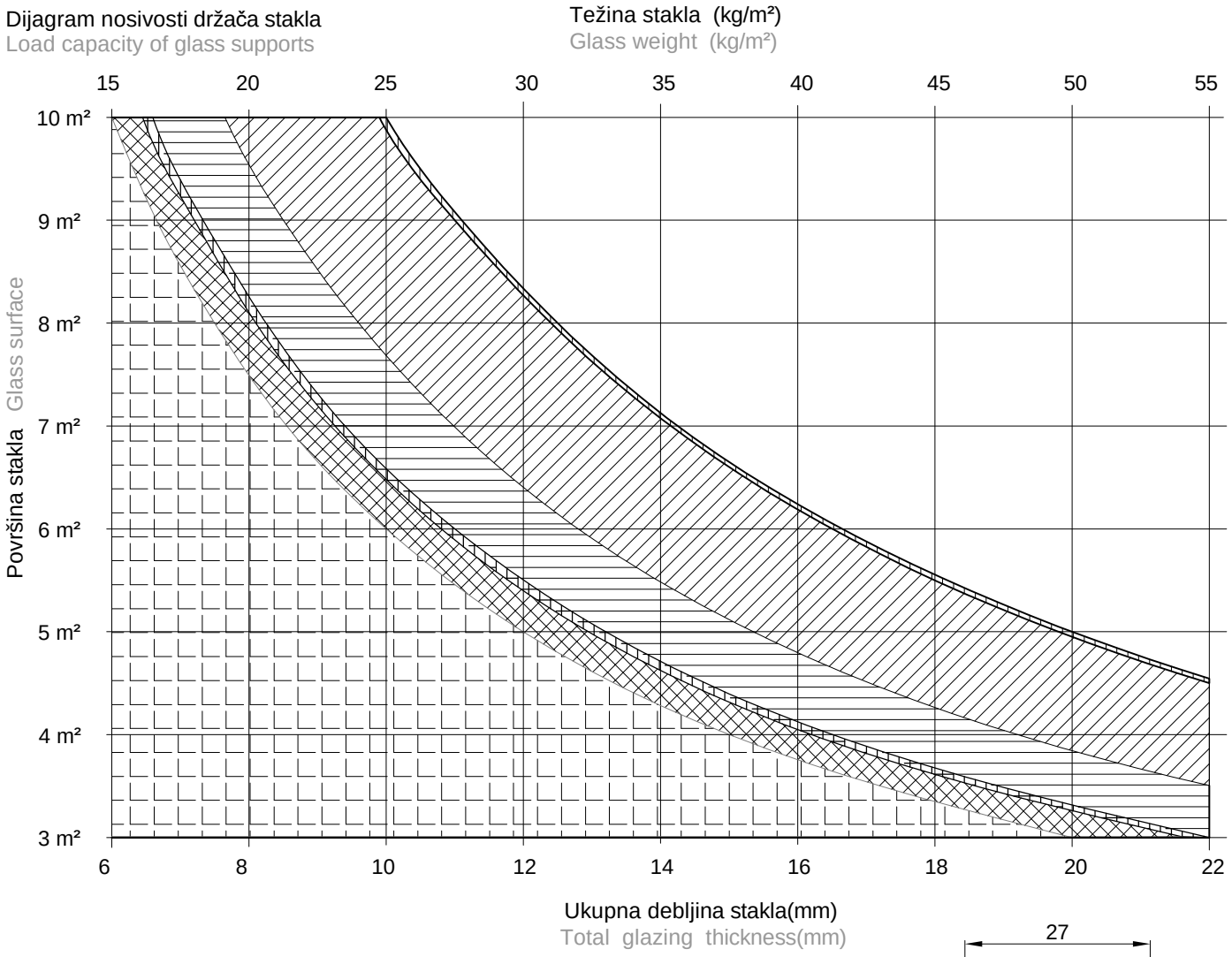
Tablica 1. Težina stakla
Table 1. Glass weight

Koeficijent K Coefficient K	1	1.33	1.66	2	2.33	2.66	3	3.33	3.66	4	4.33	4.66	5	5.33	5,66	6	6.33	6.66	7	7.33	7.66	8
kN/m^2	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	1.25
kg/m^2	15	20	25	30	35	40	45	50	55	60	65	70	80	85	90	95	100	105	110	115	120	125
Debl. stakla (mm) D Glass thick. (mm) D	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48

③

Tehničke preporuke
Technical recommendations

- Dijagram nosivosti držača stakla
- Load capacity of glass supports



521.005 27/7 nosivost 250kg (po paru)
521.005 27/7 load capacity 250kg (per pair)

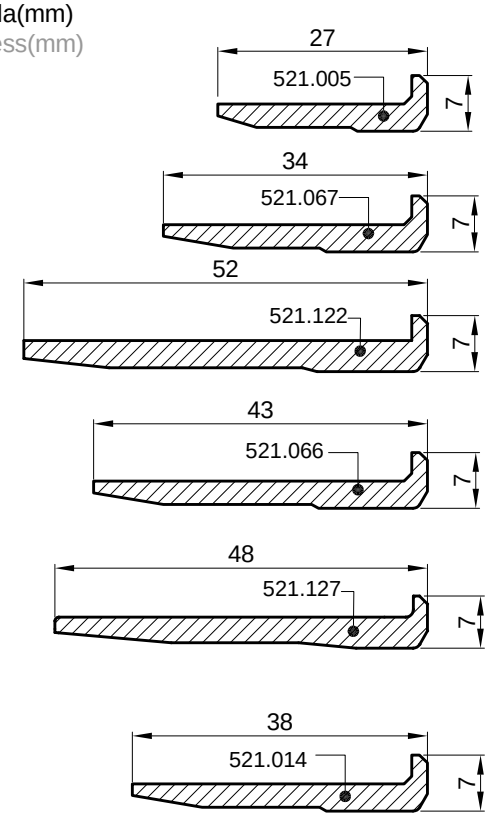
521.067 34/7 nosivost 248kg (po paru)
521.067 34/7 load capacity 248kg (per pair)

521.122 52/7 nosivost 192kg (po paru)
521.122 52/7 load capacity 192kg (per pair)

521.066 43/7 nosivost 165 kg (po paru)
521.066 43/7 load capacity 165 kg (per pair)

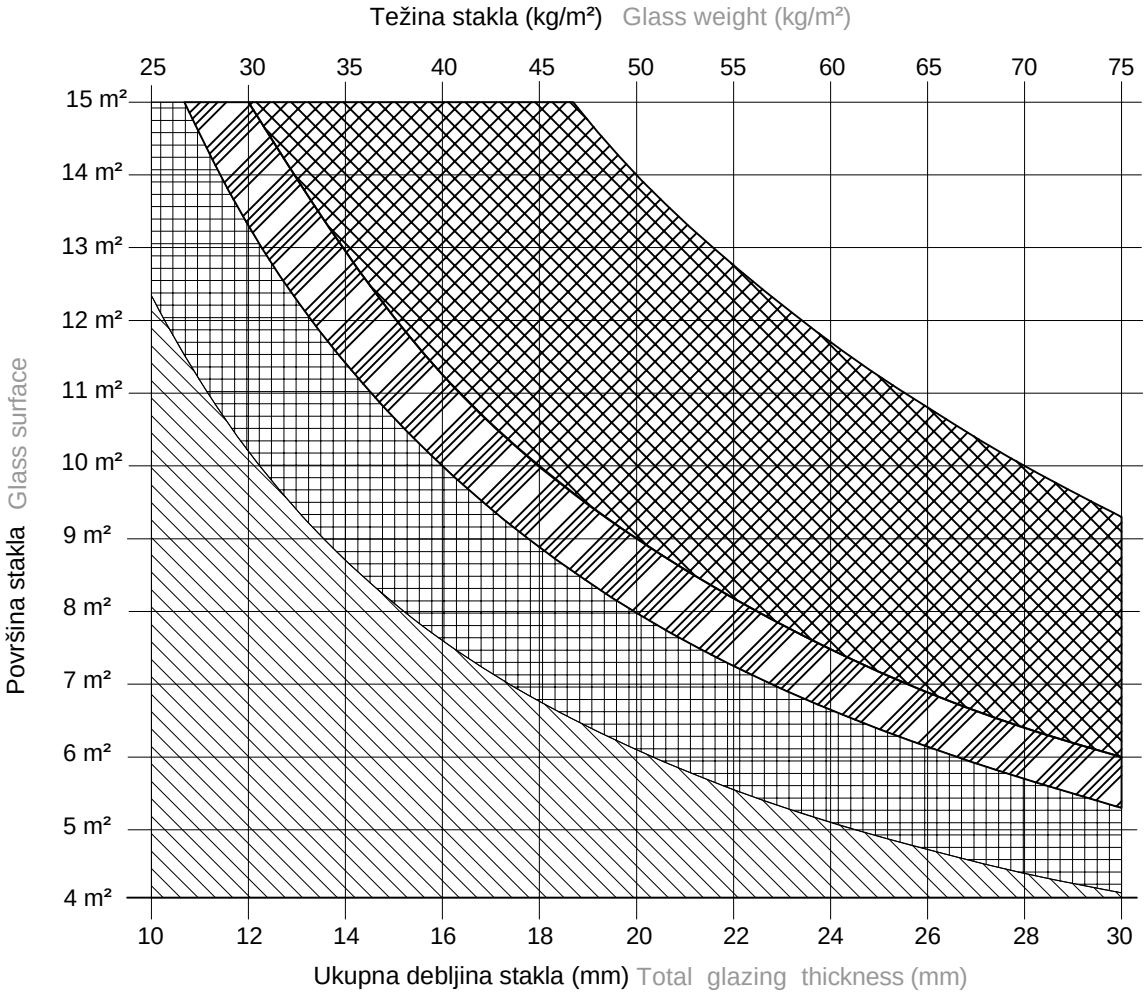
521.127 48/7 nosivost 162kg (po paru)
521.127 48/7 load capacity 162kg (per pair)

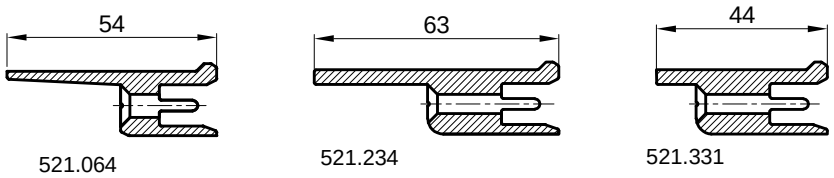
521.014 38/7 nosivost 150kg (po paru)
521.014 38/7 load capacity 150kg (per pair)



Tehničke preporuke
Technical recommendations

- Dijagram nosivosti držača stakla
- Load capacity of glass supports



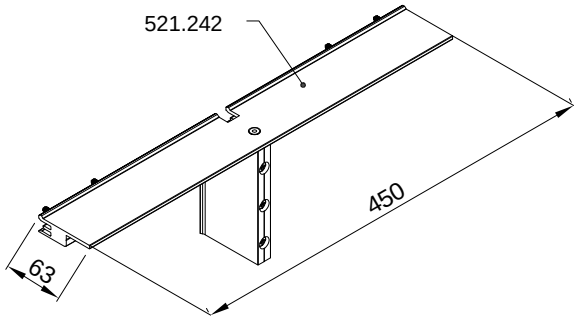


521.064 54/7 nosivost 305 kg (po paru)
521.064 54/7 load capacity 305 kg (per pair)

521.234 63/7 nosivost 400 kg (po paru)
521.234 63/7 load capacity 400 kg (per pair)

521.331 44/7 nosivost 450 kg (po paru)
521.331 44/7 load capacity 450 kg (per pair)

521.242 nosivost 700 kg (po paru)
521.330 load capacity 700 kg (per pair)

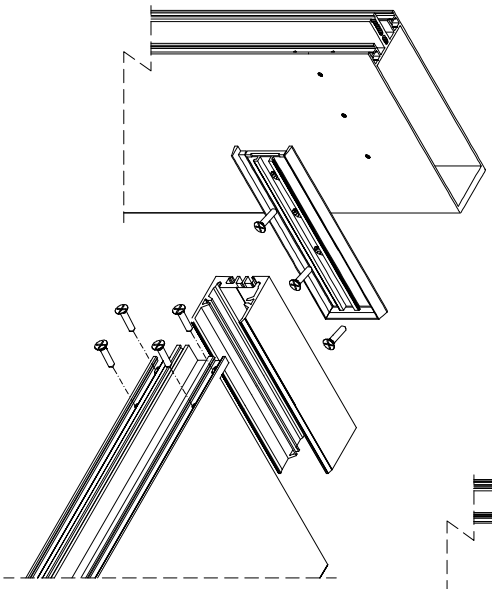


Tehničke preporuke
Technical recommendations

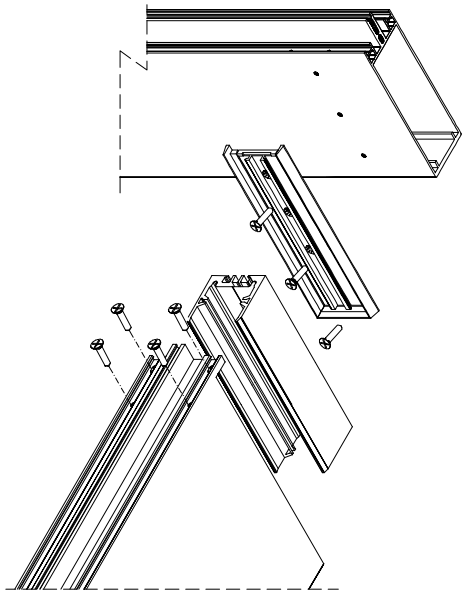
Maksimalna opterećenost vijčanog spoja okomica i vodoravnica*
Maximal load of screw connection between mullion and transom*

Profil vodoravnice / Transom profile Tip vijka / Screw type	FMV 50/268	FMV 50/198	FMV 50/158	FMV 50/138	FMV 50/118	FMV 50/88
4.8 DIN 7981/7982	480 kg	480 kg	480 kg	480 kg	320 kg	320 kg
5.5 DIN 7981/7982	660 kg	660 kg	660 kg	680 kg	440 kg	440 kg
6.3 DIN 7981/7982	916 kg	916 kg	916 kg	916 kg	611 kg	611 kg

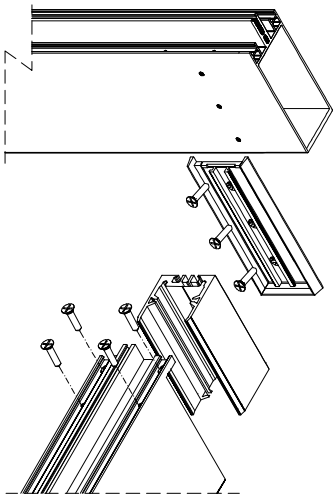
*Vrijednosti se odnose na ukupnu nosivost lijevog i desnog spoja
*Values refer to the total load of both right and the left connection



FMV 50/198

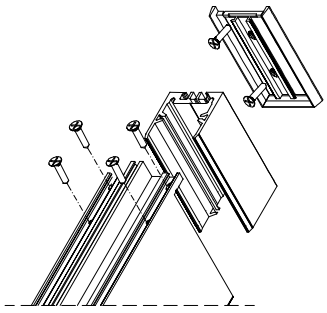


FMV 50/158

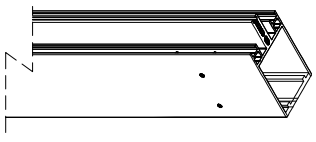


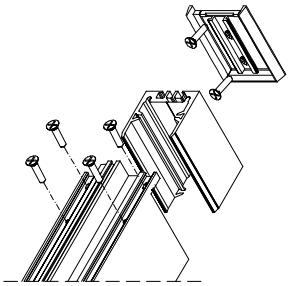
FMV 50/138





FMV 50/118





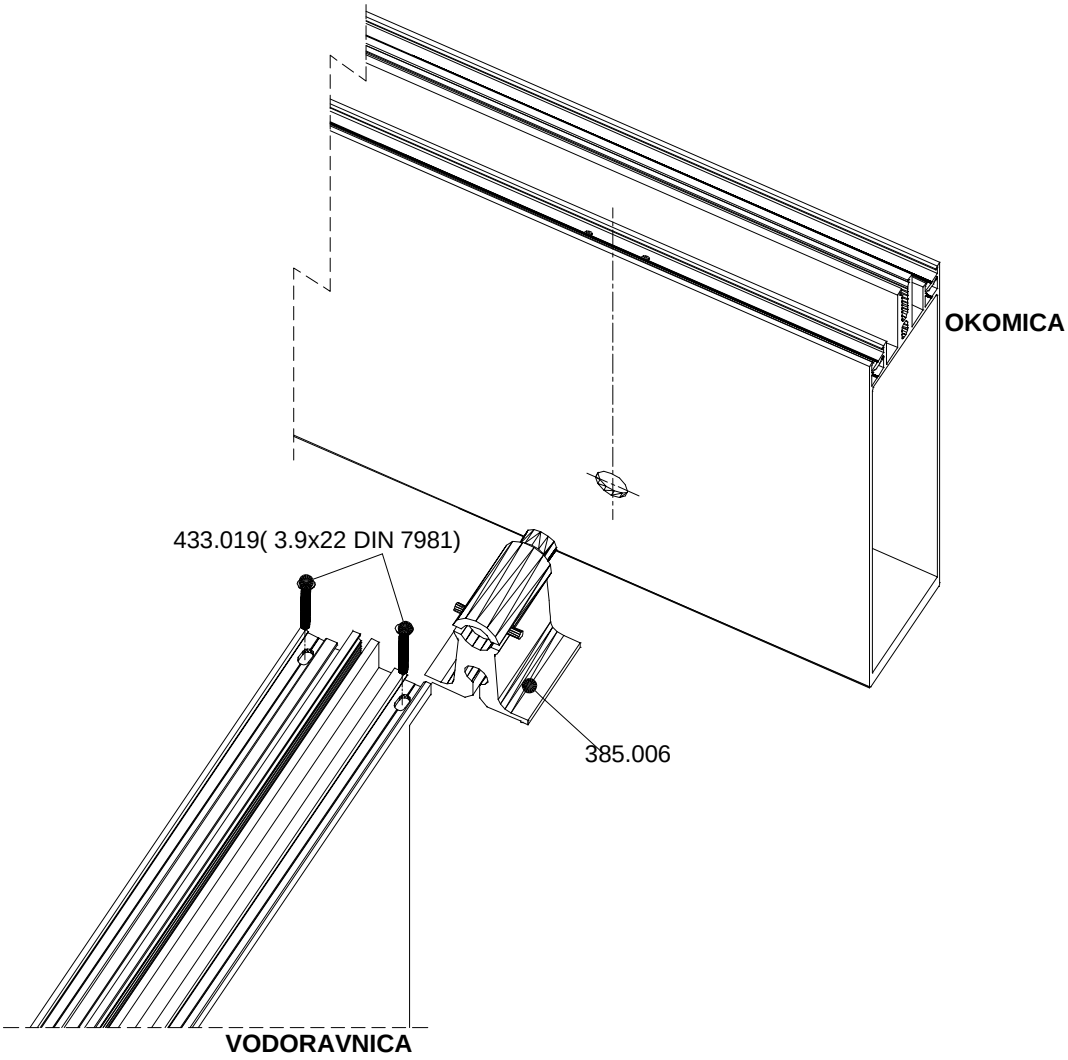
FMV 50/88

Tehničke preporuke
Technical recommendations

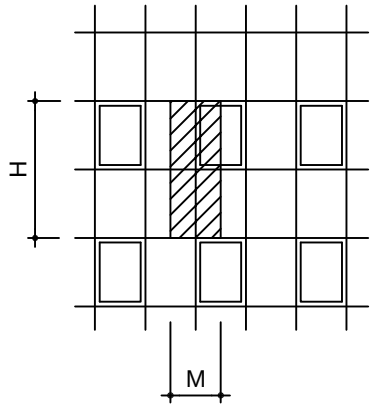
Maksimalna nosivost spoja okomice i vodoravnice spojnicom 385.006*
Maximal load of connection between mullion and transom with connector 385.006*

Profil vodoravnice Transom profile	FMV 50/268 FMV 50/198 FMV 50/158 FMV 50/138 FMV 50/118 FMV 50/88
Tip veze Connection type	385.006 **+** 433.019 **(**3.9x22 DIN 7981)
Maksimalna nosivost Maximal load	**200 kg**

*Vrijednosti se odnose na ukupnu nosivost lijevog i desnog spoja
*Values refer to the total load on both right and the left connection



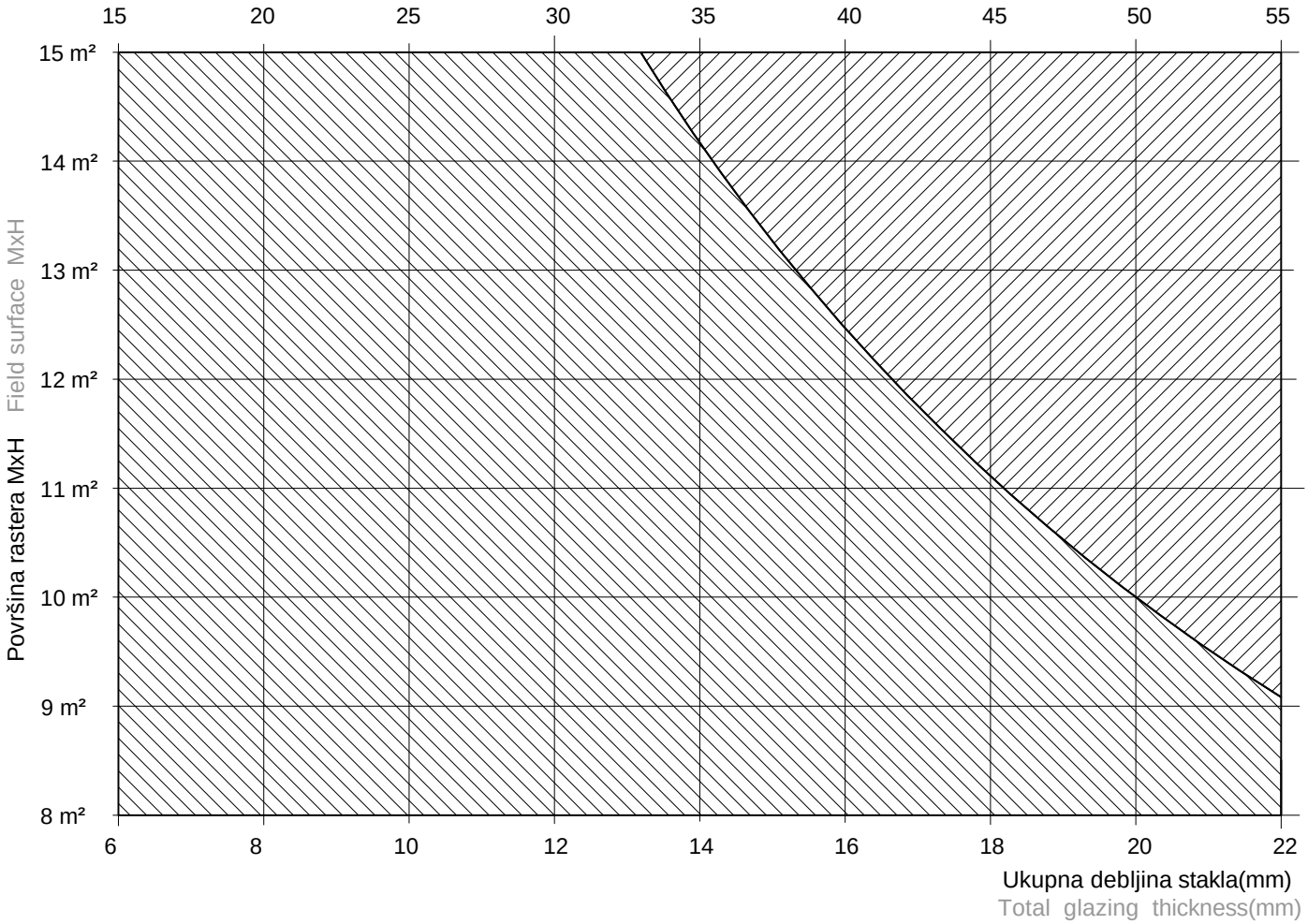
Tehničke preporuke
Technical recommendations

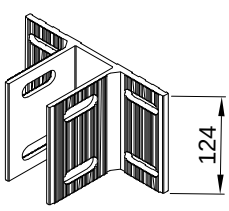


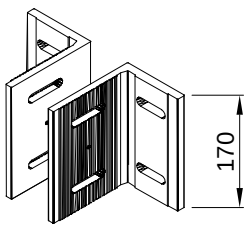
H - okomiti raspon rastera (visina između nosivih nosača)
H - vertical field height (height between facade supports)

M - vodoravni raspon rastera
M - horizontal field width

- Dijagram nosivosti nosača okomice
- Load capacity of facade supports





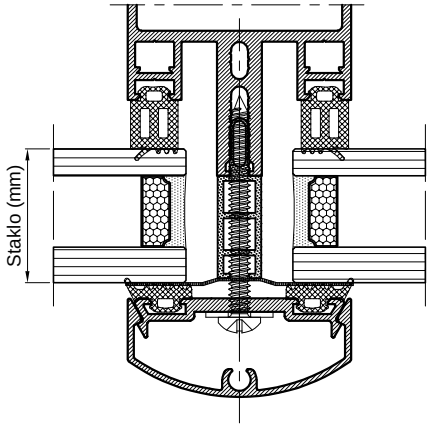


501.019 nosivost 500 kg
501.019 load capacity 500 kg

501.004 nosivost 1500 kg
501.004 load capacity 1500 kg

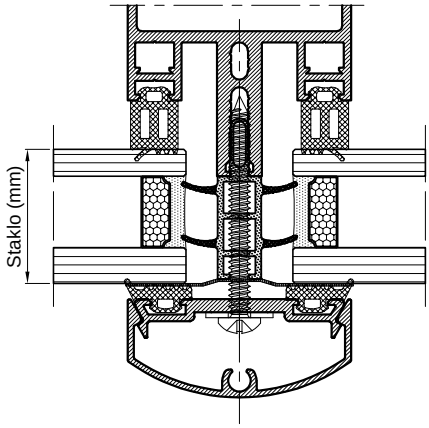
Termički proračun
Thermal calculation

Analiza i primjena termičkih izračuna fiksnih polja u fasadi 50 FK
Analysis and application of thermal calculations of fixed fields in the 50 FK facade



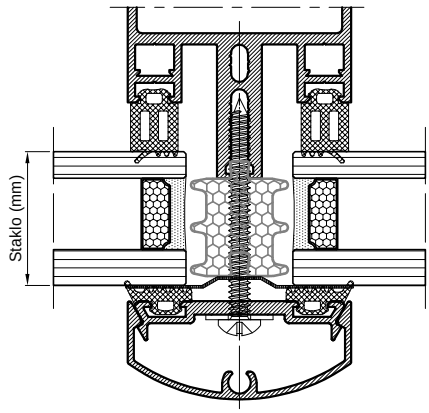
U_f vrijednosti za poliamide bez pera (W/m^2K)
U_f values for polyamides without wings (W/m^2K)

Staklo (mm)	Okomica (mm) 90	120	140	160	200	270
30	**2.3**	**2.4**	**2.4**	**2.4**	**2.4**	**2.4**
36	**2.1**	**2.2**	**2.2**	**2.2**	**2.2**	**2.3**
44	**1.9**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**



U_f vrijednosti za poliamide s perima (W/m^2K)
U_f values for polyamides with wings (W/m^2K)

Staklo (mm)	Okomica (mm) 90	120	140	160	200	270
30	**1.7**	**1.7**	**1.7**	**1.7**	**1.8**	**1.8**
36	**1.5**	**1.5**	**1.6**	**1.6**	**1.6**	**1.6**
44	**1.3**	**1.4**	**1.4**	**1.4**	**1.4**	**1.4**



U_f vrijednosti za spužvice - XPS (W/m^2K)
U_f values for Extruded Polystyrene - XPS (W/m^2K)

Staklo (mm)	Okomica (mm) 90	120	140	160	200	270
30	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**
36	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**
44	**0.786**	**0.792**	**0.786**	**0.793**	**0.797**	**0.797**

Proračun koeficijenta prolaska topline za fasade:

$$U_{cw} = \frac{\Sigma A_g{*}U_g + \Sigma A_p{*}U_p + \Sigma A_m{*}U_m + \Sigma A_t{*}U_t + \Sigma A_f{*}U_f + \Sigma l_{gf}{*}\Psi_{gf} + \Sigma l_{mg}{*}\Psi_{mg} + \Sigma l_p{*}\Psi_p + \Sigma l_{mf}{*}\Psi_{mf} + \Sigma l_{tf}{*}\Psi_{tf}}{A_{cw}}$$

Korišteni simboli / Used symbols

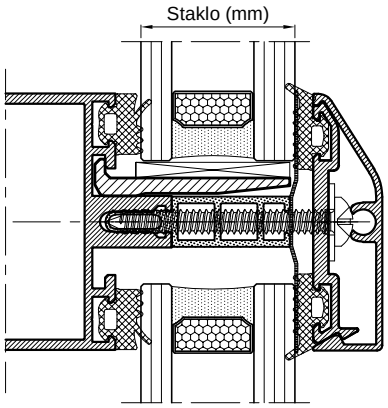
A	(mm^2) = površina / area
B	(mm) = prednja širina profila / front width of the profile
U	(W/m^2K) = koef. toplotnog prijenosa / heat transfer coefficient
l	(m) = dužina linijskog toplinskog mosta / length of line thermal bridge
λ	($W/m{*}K$) = koef. toplinske provodljivosti / thermal conductivity coefficient
Ψ	($W/m{*}K$) = linijski koef. prolaska topline / linear heat transfer coefficient

Korišteni indeksi / Used indexes

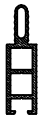
cw	fasada / facade
f	okvir / frame
g	staklo / glass
m	okomica / mullion
t	vodoravnica / transom
p	panel / panel
w	prozor / window

Termički proračun
Thermal calculation

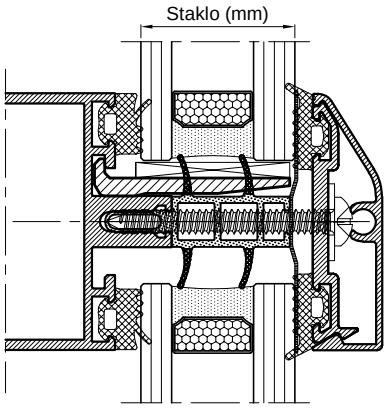
Analiza i primjena termičkih izračuna fiksnih polja u fasadi 50 FK
Analysis and application of thermal calculations of fixed fields in the 50 FK facade



U_f vrijednosti za poliamide bez pera (W/m^2K)
U_f values for polyamides without wings (W/m^2K)



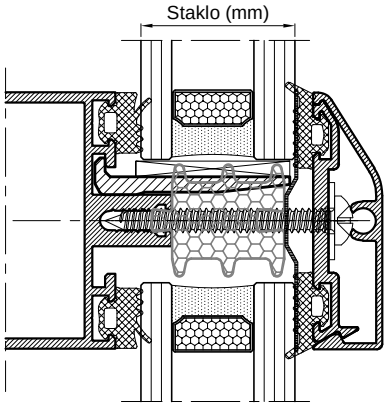
Staklo (mm)	Vodoravnica (mm) 88	118	138	158	198	268
30	**2.1**	**2.2**	**2.2**	**2.2**	**2.2**	**2.2**
36	**1.9**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**
44	**1.7**	**1.8**	**1.8**	**1.8**	**1.8**	**1.8**



U_f vrijednosti za poliamide s perima (W/m^2K)
U_f values for polyamides with wings (W/m^2K)



Staklo (mm)	Vodoravnica (mm) 88	118	138	158	198	268
30	**1.7**	**1.7**	**1.7**	**1.7**	**1.8**	**1.8**
36	**1.5**	**1.5**	**1.5**	**1.6**	**1.6**	**1.6**
44	**1.3**	**1.3**	**1.4**	**1.4**	**1.4**	**1.4**



U_f vrijednosti za spužvice - XPS (W/m^2K)
U_f values for Extruded Polystyrene - XPS (W/m^2K)



Staklo (mm)	Vodoravnica (mm) 88	118	138	158	198	268
30	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**
36	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**
44	**0.780**	**0.786**	**0.788**	**0.794**	**0.795**	**0.802**

Proračun koeficijenta prolaska topline za fasade:

$$U_{cw} = \frac{\Sigma A_g{*}U_g + \Sigma A_p{*}U_p + \Sigma A_m{*}U_m + \Sigma A_t{*}U_t + \Sigma A_f{*}U_f + \Sigma l_{gf}{*}\Psi_{gf} + \Sigma l_{mg}{*}\Psi_{mg} + \Sigma l_p{*}\Psi_p + \Sigma l_{mf}{*}\Psi_{mf} + \Sigma l_{tf}{*}\Psi_{tf}}{A_{cw}}$$

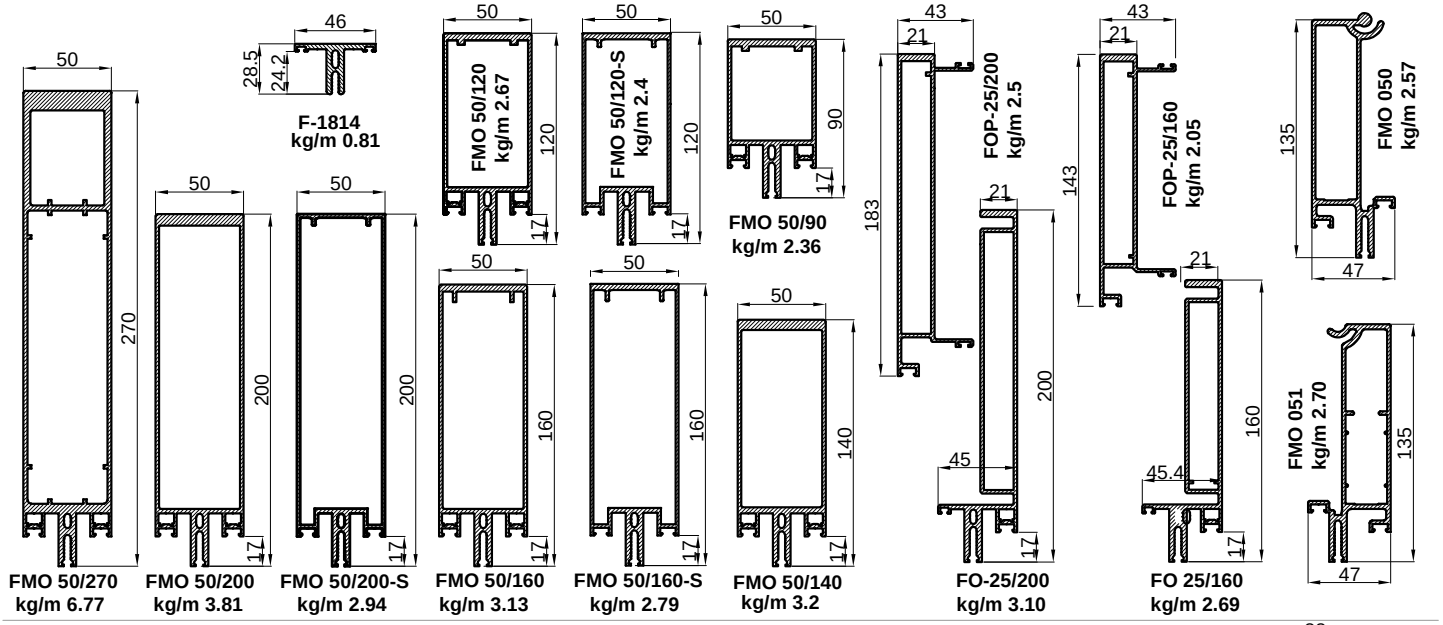
Korišteni simboli / Used symbols

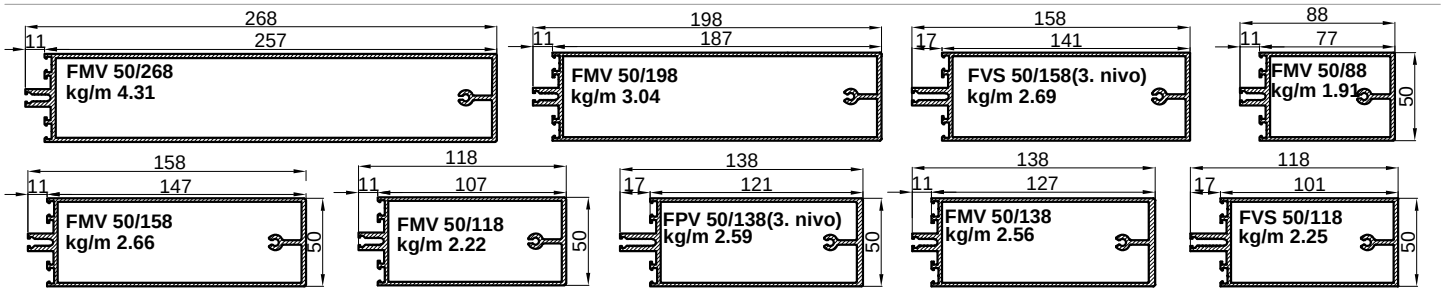
A	(mm^2) = površina / area
B	(mm) = prednja širina profila / front width of the profile
U	(W/m^2K) = koef. toplotnog prijenosa / heat transfer coefficient
l	(m) = dužina linijskog toplinskog mosta / length of line thermal bridge
λ	($W/m{*}K$) = koef. toplinske provodljivosti / thermal conductivity coefficient
Ψ	($W/m{*}K$) = linijski koef. prolaska topline / linear heat transfer coefficient

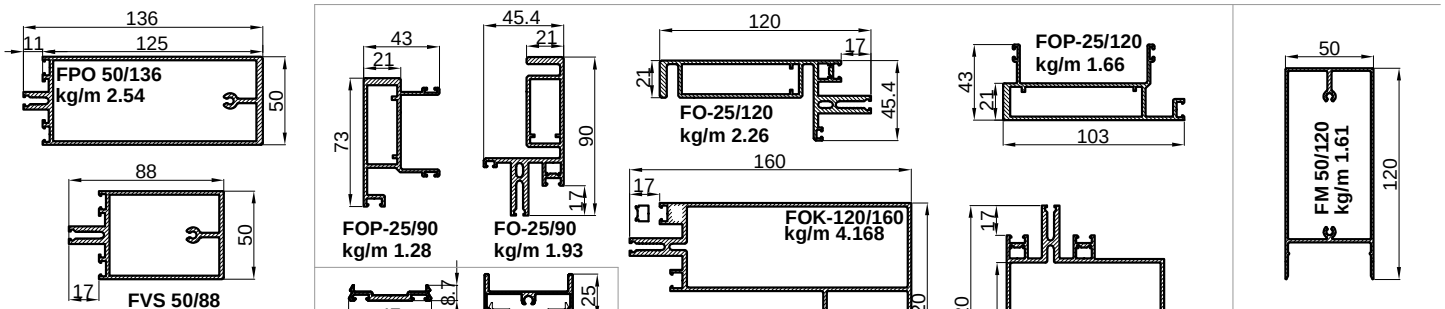
Korišteni indeksi / Used indexes

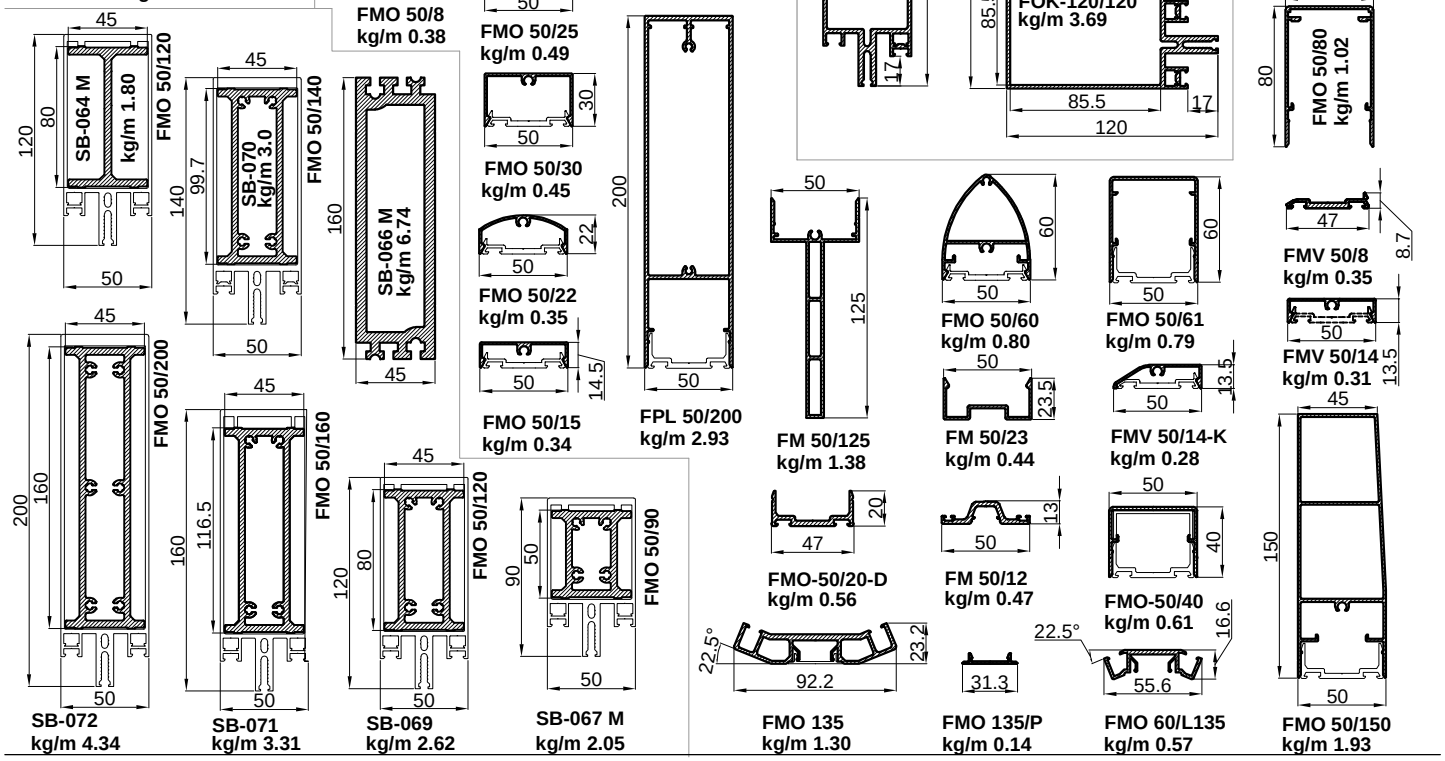
cw	fasada / facade
f	okvir / frame
g	staklo / glass
m	okomica / mullion
t	vodoravnica / transom
p	panel / panel
w	prozor / window

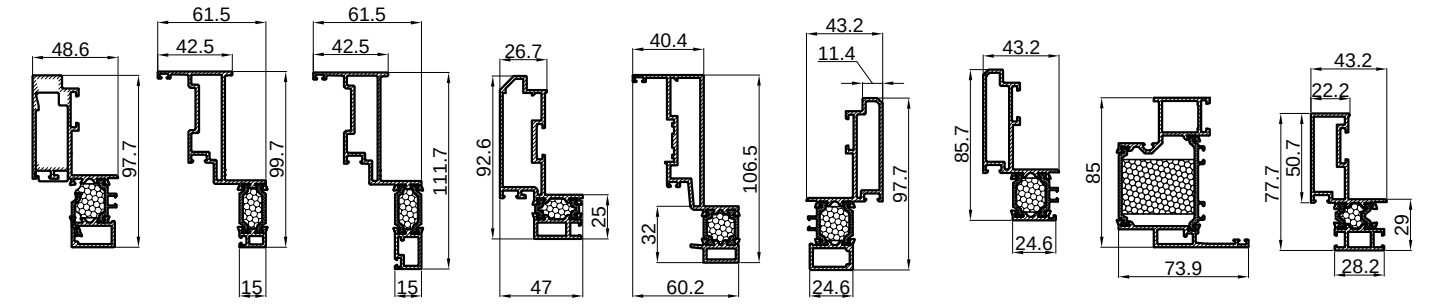
Profili
Profiles


F-1814
kg/m 0.81
FMO 50/120
kg/m 2.67
FMO 50/120-S
kg/m 2.4
FMO 50/90
kg/m 2.36
FOP-25/200
kg/m 2.5
FOP-25/160
kg/m 2.05
FMO 050
kg/m 2.57
FMO 50/270
kg/m 6.77
FMO 50/200
kg/m 3.81
FMO 50/200-S
kg/m 2.94
FMO 50/160
kg/m 3.13
FMO 50/160-S
kg/m 2.79
FMO 50/140
kg/m 3.2
FO-25/200
kg/m 3.10
FO 25/160
kg/m 2.69
FMO 051
kg/m 2.70

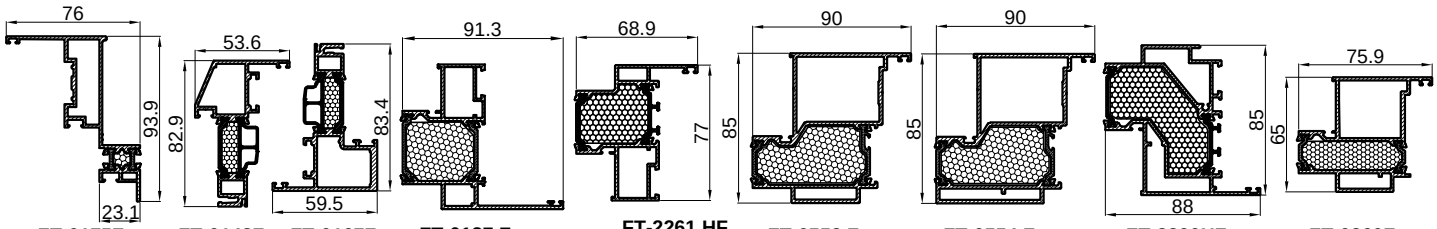

FMV 50/268
kg/m 4.31
FMV 50/198
kg/m 3.04
FVS 50/158(3. nivo)
kg/m 2.69
FMV 50/88
kg/m 1.91
FMV 50/158
kg/m 2.66
FMV 50/118
kg/m 2.22
FPV 50/138(3. nivo)
kg/m 2.59
FMV 50/138
kg/m 2.56
FVS 50/118
kg/m 2.25


FPO 50/136
kg/m 2.54
FOP-25/90
kg/m 1.28
FO-25/90
kg/m 1.93
FO-25/120
kg/m 2.26
FOP-25/120
kg/m 1.66
FVS 50/88
kg/m 1.94
FOK-120/160
kg/m 4.168
FOK-120/120
kg/m 3.69
FM 50/120
kg/m 1.61
FMO 50/8
kg/m 0.38
FMO 50/25
kg/m 0.49
FMO 50/80
kg/m 1.02

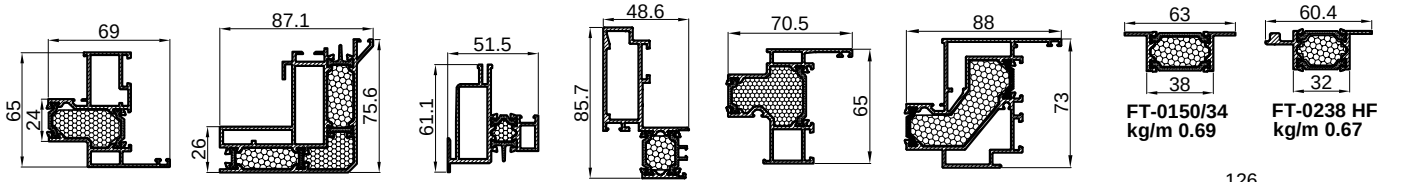

SB-064 M
kg/m 1.80
FMO 50/120
SB-070
kg/m 3.0
FMO 50/140
SB-066 M
kg/m 6.74
FMO 50/30
kg/m 0.45
FMO 50/22
kg/m 0.35
FMO 50/15
kg/m 0.34
FPL 50/200
kg/m 2.93
FM 50/125
kg/m 1.38
FMO 50/60
kg/m 0.80
FMO 50/61
kg/m 0.79
FMV 50/8
kg/m 0.35
FM 50/23
kg/m 0.44
FMV 50/14
kg/m 0.31
FMV 50/14-K
kg/m 0.28
SB-072
kg/m 4.34
FMO 50/200
SB-071
kg/m 3.31
FMO 50/160
SB-069
kg/m 2.62
FMO 50/120
SB-067 M
kg/m 2.05
FMO 50/90
FMO-50/20-D
kg/m 0.56
FM 50/12
kg/m 0.47
FMO-50/40
kg/m 0.61
FMO 135
kg/m 1.30
FMO 135/P
kg/m 0.14
FMO 60/L135
kg/m 0.57
FMO 50/150
kg/m 1.93



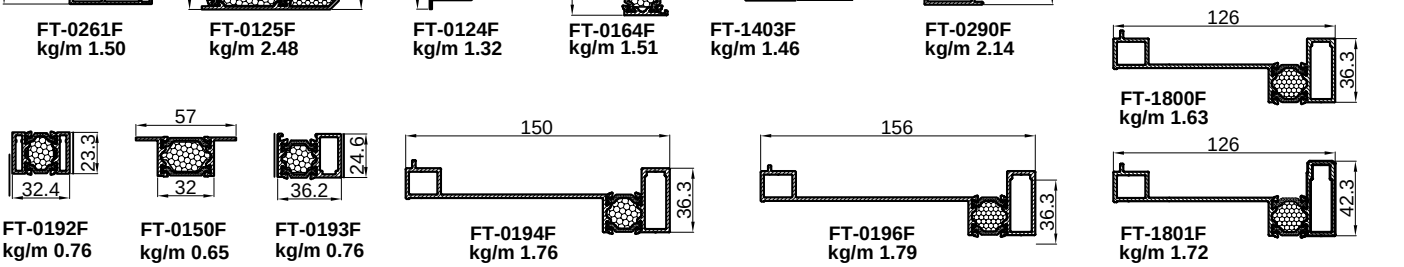
FT-0170F kg/m 1.73 | **FT-0173F** kg/m 1.54 | **FT-0174F** kg/m 1.69 | **FT-0134F** kg/m 1.75 | **FT-0133F** kg/m 1.88 | **FT-0186F** kg/m 1.6 | **FT-0162F** kg/m 1.38 | **FT-1201** kg/m 1.76 | **FT-0157F** kg/m 1.50



FT-0175F kg/m 1.59 | **FT-0148F** kg/m 1.39 | **FT-0167F** kg/m 1.71 | **FT-0187 F** kg/m 1.78 | **FT-2261 HF** kg/m 1.52 | **FT-0553 F** kg/m 2.23 | **FT-0554 F** kg/m 2.37 | **FT-2290HF** kg/m 2.18 | **FT-0260F** kg/m 1.79

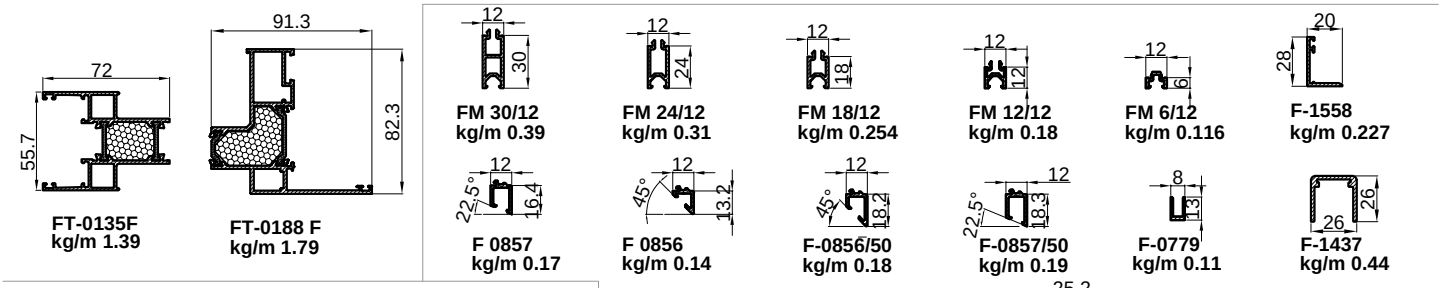


FT-0261F kg/m 1.50 | **FT-0125F** kg/m 2.48 | **FT-0124F** kg/m 1.32 | **FT-0164F** kg/m 1.51 | **FT-1403F** kg/m 1.46 | **FT-0290F** kg/m 2.14 | **FT-0150/34** kg/m 0.69 | **FT-0238 HF** kg/m 0.67

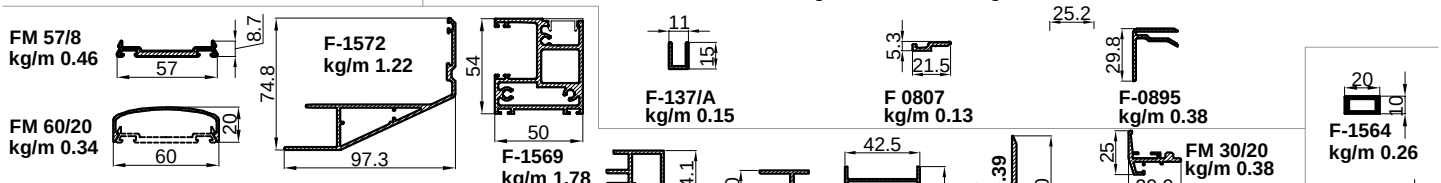


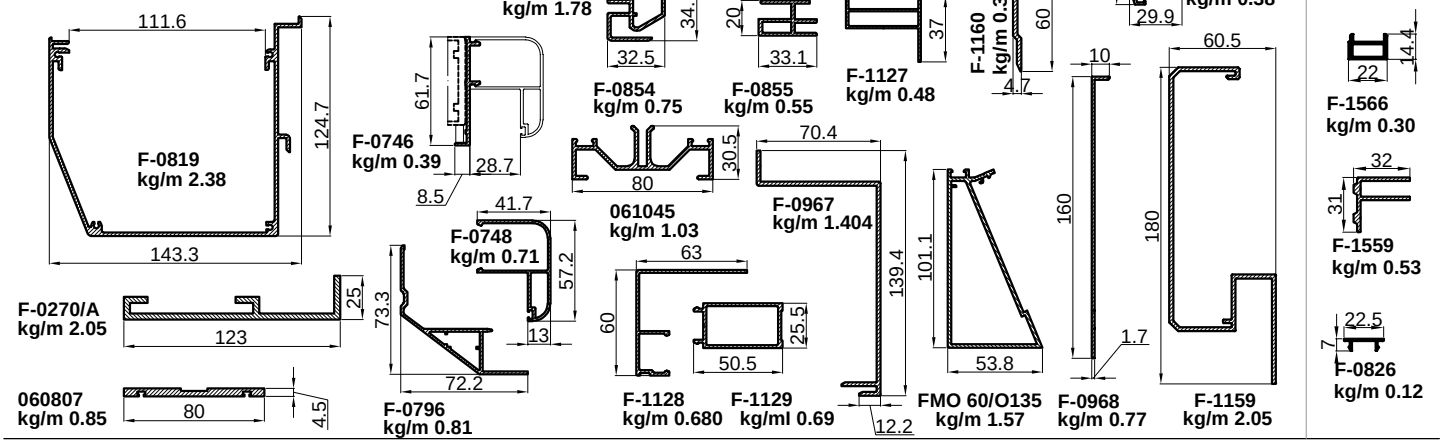
FT-1800F kg/m 1.63

FT-0192F kg/m 0.76 | **FT-0150F** kg/m 0.65 | **FT-0193F** kg/m 0.76 | **FT-0194F** kg/m 1.76 | **FT-0196F** kg/m 1.79 | **FT-1801F** kg/m 1.72

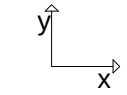


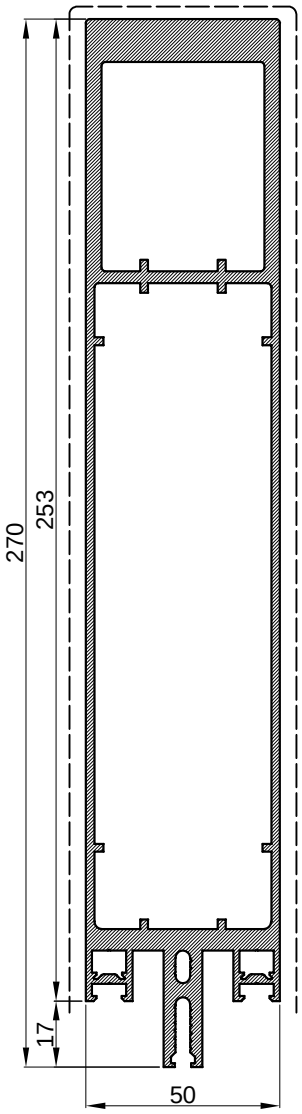
FT-0135F kg/m 1.39 | **FT-0188 F** kg/m 1.79 | **FM 30/12** kg/m 0.39 | **FM 24/12** kg/m 0.31 | **FM 18/12** kg/m 0.254 | **FM 12/12** kg/m 0.18 | **FM 6/12** kg/m 0.116 | **F-1558** kg/m 0.227 | **F 0857** kg/m 0.17 | **F 0856** kg/m 0.14 | **F-0856/50** kg/m 0.18 | **F-0857/50** kg/m 0.19 | **F-0779** kg/m 0.11 | **F-1437** kg/m 0.44



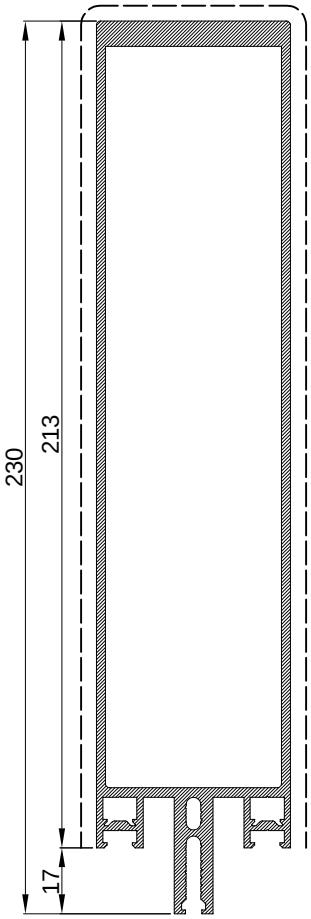


M 1:2

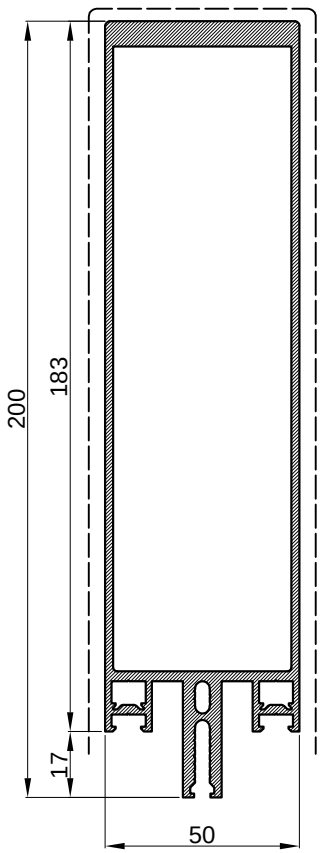




Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/270**	
Težina Weight	kg/m'	**6.77**
Opseg Perimeter	mm	**761.3**
Moment inercije Moments of inertia	Ix (cm4)	**2258.80**
	Iy (cm4)	**91.46**
	Wx (cm3)	**147.00**
	Wy (cm3)	**36.58**
L	mm	≤6800

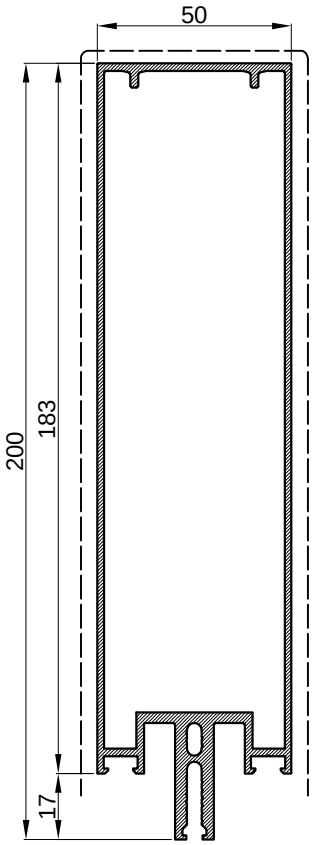


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/230**	
Težina Weight	kg/m'	**4.44**
Opseg Perimeter	mm	**682**
Moment inercije Moments of inertia	Ix (cm4)	**1067.59**
	Iy (cm4)	**64.45**
	Wx (cm3)	**89.63**
	Wy (cm3)	**25.78**
L	mm	≤6800

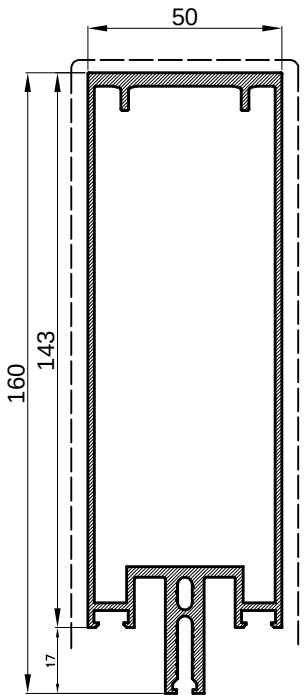


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/200**	
Težina Weight	kg/m'	**3.81**
Opseg Perimeter	mm	**621.30**
Moment inercije Moments of inertia	Ix (cm4)	**721.91**
	Iy (cm4)	**51.55**
	Wx (cm3)	**69.5**
	Wy (cm3)	**20.62**
L	mm	≤6800

M 1:2

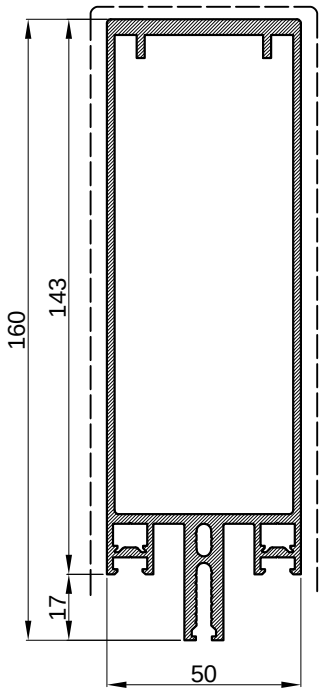


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/200-S**	
Težina Weight	kg/m'	**2.94**
Opseg Perimeter	mm	**621**
Moment inercije Moments of inertia	Ix (cm4)	**499.32**
	Iy (cm4)	**41.6**
	Wx (cm3)	**45.07**
	Wy (cm3)	**16.64**
L	mm	≤6800

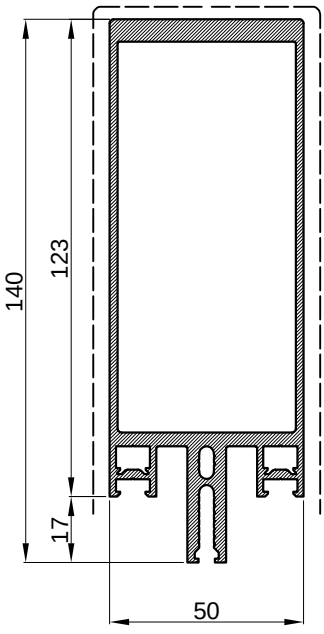


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/160-S**	
Težina Weight	kg/m'	**2.787**
Opseg Perimeter	mm	**542**
Moment inercije Moments of inertia	Ix (cm4)	**327.05**
	Iy (cm4)	**35.12**
	Wx (cm3)	**39.88**
	Wy (cm3)	**14.05**
L	mm	≤6800

x

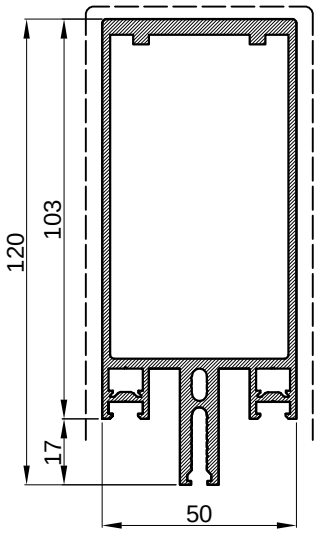


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/160**	
Težina Weight	kg/m'	**3.13**
Opseg Perimeter	mm	**540.70**
Moment inercije Moments of inertia	Ix (cm4)	**357.47**
	Iy (cm4)	**40.94**
	Wx (cm3)	**44.13**
	Wy (cm3)	**16.38**
L	mm	≤6800

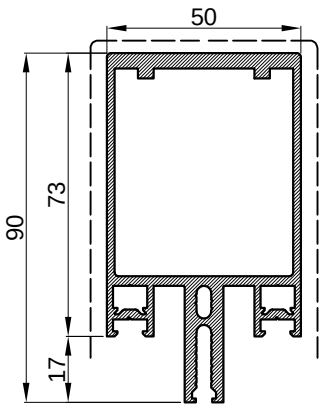


Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/140**	
Težina Weight	kg/m'	**3.2**
Opseg Perimeter	mm	**501.02**
Moment inercije Moments of inertia	Ix (cm4)	**282.65**
	Iy (cm4)	**37.96**
	Wx (cm3)	**39.38**
	Wy (cm3)	**15.18**
L		≤6800

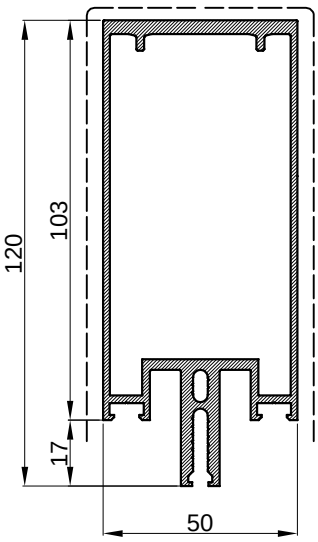
M 1:2



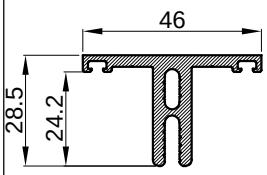
Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/120**	
Težina Weight	kg/m'	**2.67**
Opseg Perimeter	mm	**466.566**
Moment inercije Moments of inertia	Ix (cm4)	**159.04**
	Iy (cm4)	**30.96**
	Wx (cm3)	**26.41**
	Wy (cm3)	**12.38**
L	mm	≤6800



Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/90**	
Težina Weight	kg/m'	**2.36**
Opseg Perimeter	mm	**401.13**
Moment inercije Moments of inertia	Ix (cm4)	**75.03**
	Iy (cm4)	**24.61**
	Wx (cm3)	**15.72**
	Wy (cm3)	**9.85**
L	mm	≤6800

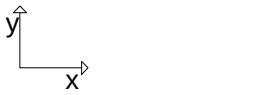


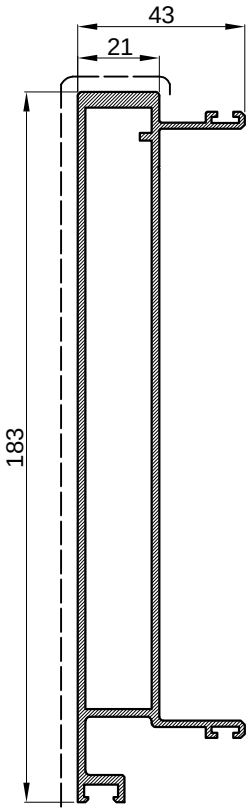
Okomica Mullion		
Art.Br. Art.Nr.	**FMO 50/120-S**	
Težina Weight	kg/m'	**2.398**
Opseg Perimeter	mm	**462**
Moment inercije Moments of inertia	Ix (cm4)	**151.37**
	Iy (cm4)	**26.99**
	Wx (cm3)	**25.07**
	Wy (cm3)	**10.8**
L	mm	≤6800



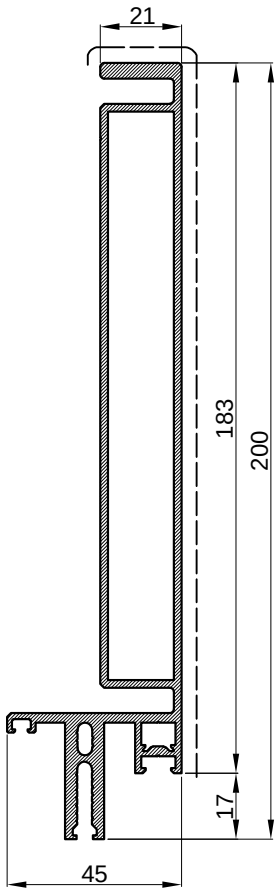
Okomica/vodoravnica za drvenu ili čeličnu podkonstrukciju Mullion/transom for wooden or steel substructure		
Art.Br. Art.Nr.	**F-1814**	
Težina Weight	kg/m'	**0.81**
Opseg Perimeter	mm	**300.883**
Moment inercije Moments of inertia	Ix (cm4)	**2.460**
	Iy (cm4)	**2.290**
	Wx (cm3)	**1.070**
	Wy (cm3)	**1.190**
L	mm	≤6800

M 1:2

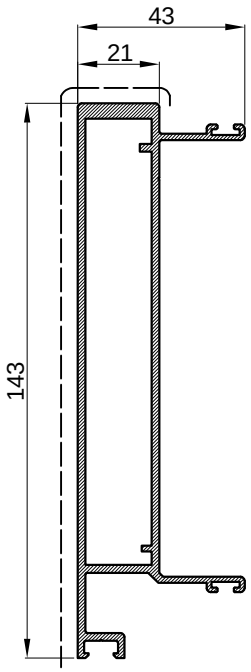




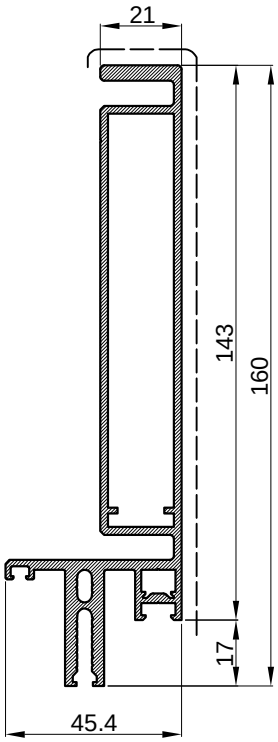
Okomica(dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	*** FOP-25/200**	
Težina Weight	kg/m'	**2.50**
Opseg Perimeter	mm	**563.10**
Moment inercije Moments of inertia	Ix (cm4)	**329.30**
	Iy (cm4)	**11.40**
	Wx (cm3)	**34.00**
	Wy (cm3)	**3.70**
L	mm	≤6800



Okomica(dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	*** FO-25/200**	
Težina Weight	kg/m'	**3.10**
Opseg Perimeter	mm	**658.87**
Moment inercije Moments of inertia	Ix (cm4)	**479.27**
	Iy (cm4)	**13.26**
	Wx (cm3)	**43.84**
	Wy (cm3)	**4.230**
L	mm	≤6800



Okomica(dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FOP-25/160**	
Težina Weight	kg/m'	**2.05**
Opseg Perimeter	mm	**479.00**
Moment inercije Moments of inertia	Ix (cm4)	**172.32**
	Iy (cm4)	**9.83**
	Wx (cm3)	**22.40**
	Wy (cm3)	**3.23**
L	mm	≤6800

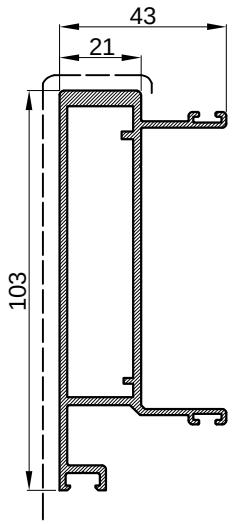


Okomica(dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FO-25/160**	
Težina Weight	kg/m'	**2.69**
Opseg Perimeter	mm	**581.36**
Moment inercije Moments of inertia	Ix (cm4)	**258.47**
	Iy (cm4)	**11.78**
	Wx (cm3)	**29.5**
	Wy (cm3)	**3.77**
L	mm	≤6800

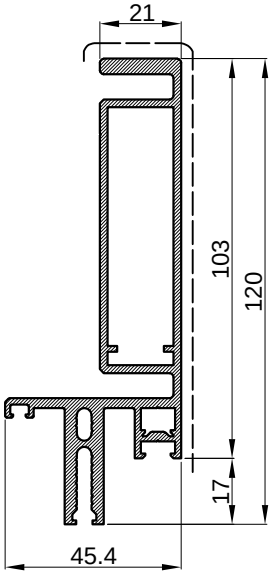
* profili koji podliježu posebnoj narudžbi
* profiles that require special order

M 1:2

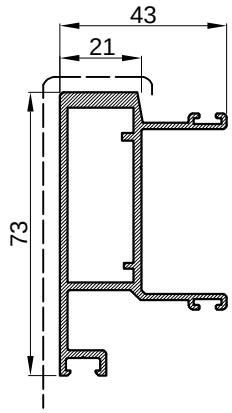




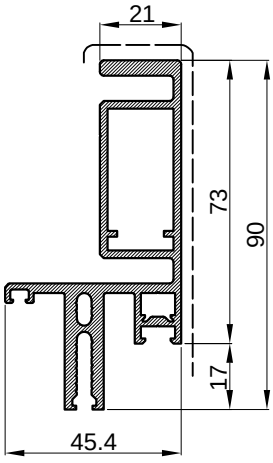
Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FOP-25/120**	
Težina Weight	kg/m'	**1.66**
Opseg Perimeter	mm	**406.52**
Moment inercije Moments of inertia	Ix (cm4)	**70.39**
	Iy (cm4)	**8.28**
	Wx (cm3)	**12.41**
	Wy (cm3)	**2.77**
L	mm	≤6800



Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FO-25/120**	
Težina Weight	kg/m'	**2.26**
Opseg Perimeter	mm	**500.0**
Moment inercije Moments of inertia	Ix (cm4)	**114.26**
	Iy (cm4)	**10.07**
	Wx (cm3)	**17.63**
	Wy (cm3)	**2.70**
L	mm	≤6800

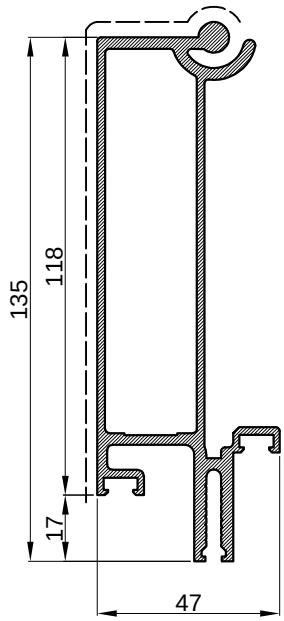


Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FOP-25/90**	
Težina Weight	kg/m'	**1.28**
Opseg Perimeter	mm	**339.00**
Moment inercije Moments of inertia	Ix (cm4)	**25.00**
	Iy (cm4)	**6.74**
	Wx (cm3)	**6.00**
	Wy (cm3)	**2.30**
L	mm	≤6800

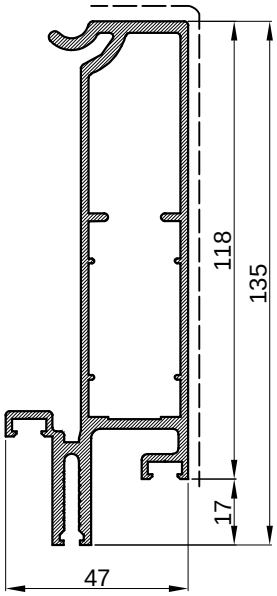


Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FO-25/90**	
Težina Weight	kg/m'	**1.93**
Opseg Perimeter	mm	**439.10**
Moment inercije Moments of inertia	Ix (cm4)	**49.45**
	Iy (cm4)	**8.71**
	Wx (cm3)	**10.55**
	Wy (cm3)	**3.3**
L	mm	≤6800

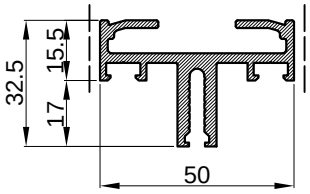
M 1:2



Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FMO 050**	
Težina Weight	kg/m'	**2.570**
Opseg Perimeter	mm	**552.00**
Moment inercije Moments of inertia	Ix (cm4)	**200.47**
	Iy (cm4)	**16.72**
	Wx (cm3)	**28.83**
	Wy (cm3)	**6.11**
L	mm	≤6800

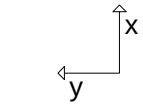


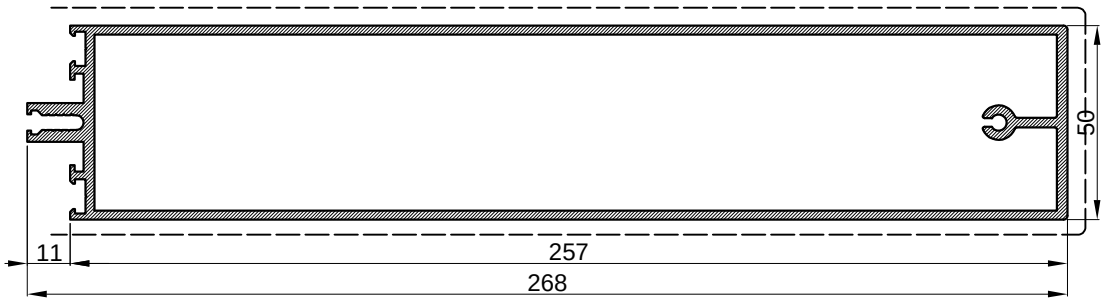
Okomica (dvodijelna) Mullion (two-part)		
Art.Br. Art.Nr.	**FMO 051**	
Težina Weight	kg/m'	**2.70**
Opseg Perimeter	mm	**526.00**
Moment inercije Moments of inertia	Ix (cm4)	**177.48**
	Iy (cm4)	**15.59**
	Wx (cm3)	**22.47**
	Wy (cm3)	**2.73**
L	mm	≤6800



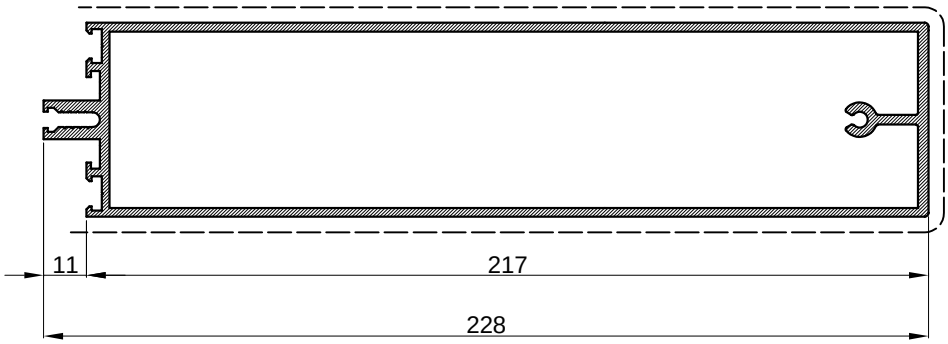
Okomica za drvenu ili čeličnu podkonstrukciju Mullion for wooden or steel substructure		
Art.Br. Art.Nr.	**FMO 50/32**	
Težina Weight	kg/m'	**1.03**
Opseg Perimeter	mm	**318.91**
Moment inercije Moments of inertia	Ix (cm4)	**2.520**
	Iy (cm4)	**7.820**
	Wx (cm3)	**1.240**
	Wy (cm3)	**3.130**
L	mm	≤6800

M 1:2

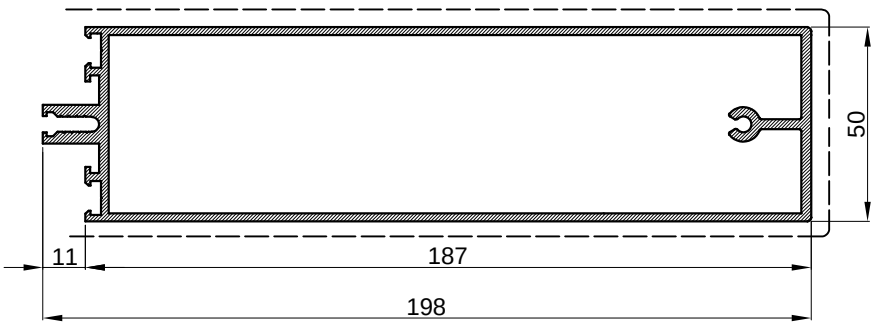




Vodoravnica Transom		
Art.Br. Art.Nr.		**FMV 50/268**
Težina Weight	kg/m'	**4.31**
Opseg Perimeter	mm	**711.26**
Moment inercije Moments of inertia	Ix (cm4)	**1296.66**
	Iy (cm4)	**71.60**
	Wx (cm3)	**94.86**
	Wy (cm3)	**28.64**
L	mm	≤6800

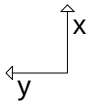


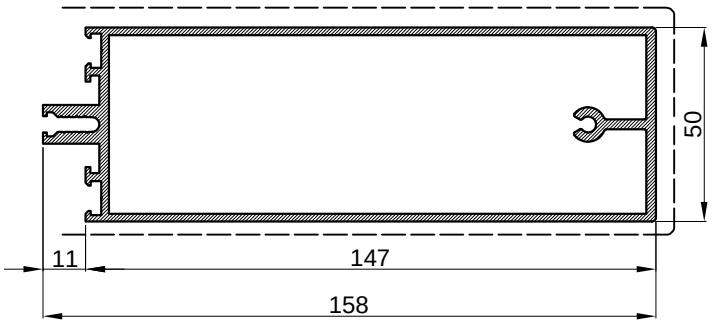
Vodoravnica Transom		
Art.Br. Art.Nr.		**FMV 50/228**
Težina Weight	kg/m'	**3.77**
Opseg Perimeter	mm	**632**
Moment inercije Moments of inertia	Ix (cm4)	**831.99**
	Iy (cm4)	**60.89**
	Wx (cm3)	**70.78**
	Wy (cm3)	**24.36**
L	mm	≤6800



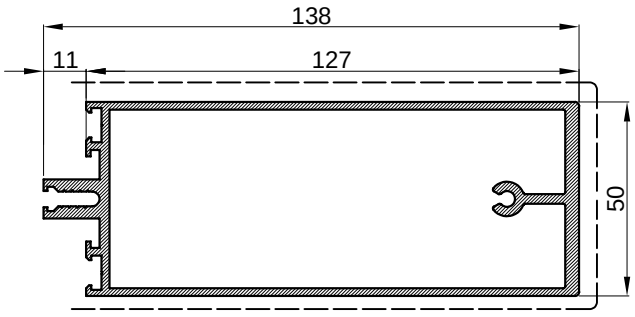
Vodoravnica Transom		
Art.Br. Art.Nr.		**FMV 50/198**
Težina Weight	kg/m'	**3.04**
Opseg Perimeter	mm	**579.40**
Moment inercije Moments of inertia	Ix (cm4)	**526.00**
	Iy (cm4)	**46.90**
	Wx (cm3)	**18.80**
	Wy (cm3)	**51.00**
L	mm	≤6800

M 1:2

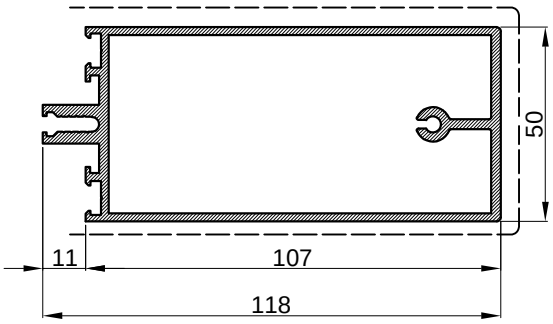




Vodoravnica Transom		
Art.Br. Art.Nr.	**FMV 50/158**	
Težina Weight	kg/m'	**2.66**
Opseg Perimeter	mm	**491.50**
Moment inercije Moments of inertia	Ix (cm4)	**292.90**
	Iy (cm4)	**37.65**
	Wx (cm3)	**15.06**
	Wy (cm3)	**35.28**
L	mm	≤6800

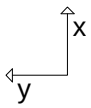


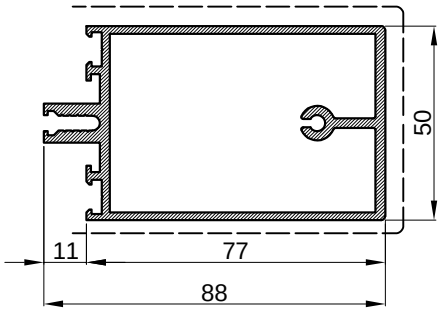
Vodoravnica Transom		
Art.Br. Art.Nr.	**FMV 50/138**	
Težina Weight	kg/m'	**2.56**
Opseg Perimeter	mm	**451.43**
Moment inercije Moments of inertia	Ix (cm4)	**228.71**
	Iy (cm4)	**34.28**
	Wx (cm3)	**30.63**
	Wy (cm3)	**13.71**
L	mm	≤6800



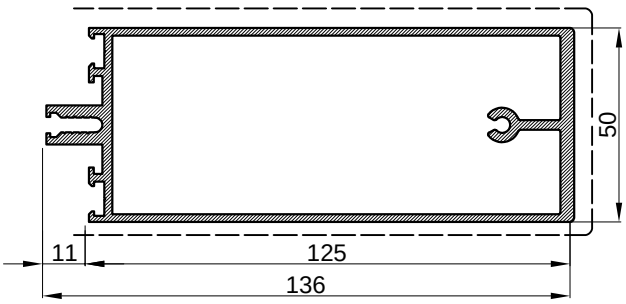
Vodoravnica Transom		
Art.Br. Art.Nr.	**FMV 50/118**	
Težina Weight	kg/m'	**2.22**
Opseg Perimeter	mm	**411.25**
Moment inercije Moments of inertia	Ix (cm4)	**137.07**
	Iy (cm4)	**28.43**
	Wx (cm3)	**11.37**
	Wy (cm3)	**21.82**
L	mm	≤6800

M 1:2

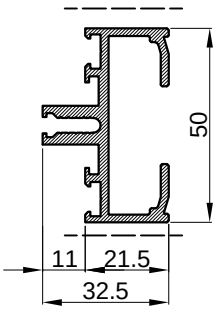




Vodoravnica Transom		
Art.Br. Art.Nr.	**FMV 50/88**	
Težina Weight	kg/m'	**1.91**
Opseg Perimeter	mm	**351.50**
Moment inercije Moments of inertia	Ix (cm4)	**63.20**
	Iy (cm4)	**21.50**
	Wx (cm3)	**8.60**
	Wy (cm3)	**13.20**
L	mm	≤6800



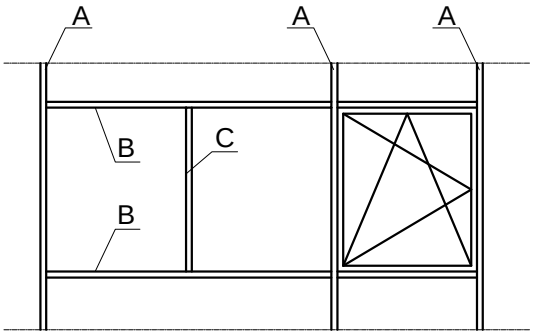
Vodoravnica Transom		
Art.Br. Art.Nr.	**FPO 50/136**	
Težina Weight	kg/m'	**2.54**
Opseg Perimeter	mm	**447.43**
Moment inercije Moments of inertia	Ix (cm4)	**220.3**
	Iy (cm4)	**33.82**
	Wx (cm3)	**29.91**
	Wy (cm3)	**13.52**
L	mm	≤6800

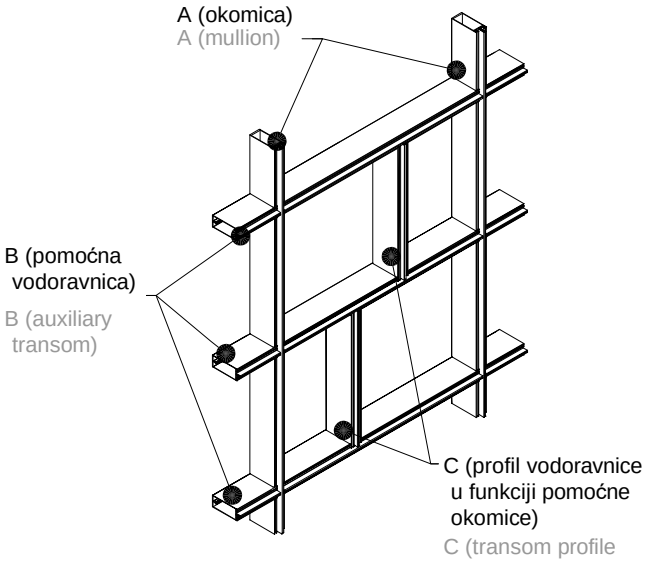


Vodoravnica Transom		
Art.Br. Art.Nr.	**FMV 50/32**	
Težina Weight	kg/m'	**0.95**
Opseg Perimeter	mm	**323.78**
Moment inercije Moments of inertia	Ix (cm4)	**2.59**
	Iy (cm4)	**8.88**
	Wx (cm3)	**3.55**
	Wy (cm3)	**1.47**
L	mm	≤6800

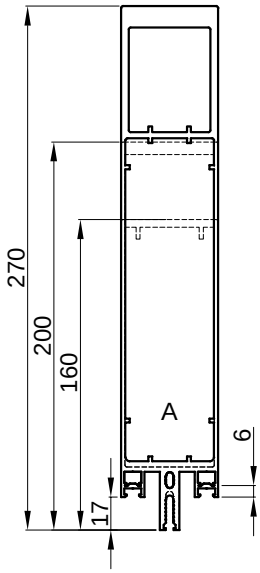
M 1:2

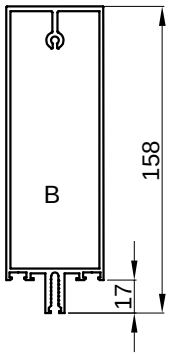
TREĆI NIVO
Varijante sa pomoćnom vodoravnicom FVS 50/158
THREE LEVELS
Versions with auxiliary transom FVS 50/158

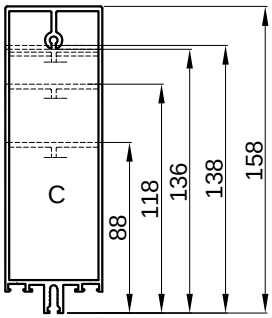


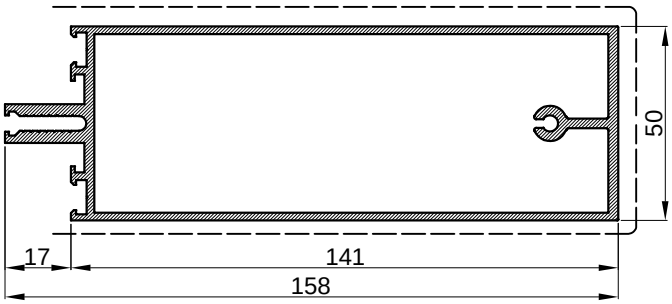


A: Okomica A: Mullion	B: Pomoćna vodoravnica B: Auxiliary transom	C: Vodoravnica C: Transom
-FMO 50/270 -FMO 50/200 -FMO 50/160	**-FVS 50/158**	-FMV 50/158 -FMV 50/138 -FPO 50/136 -FMV 50/118 -FMV 50/88

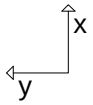






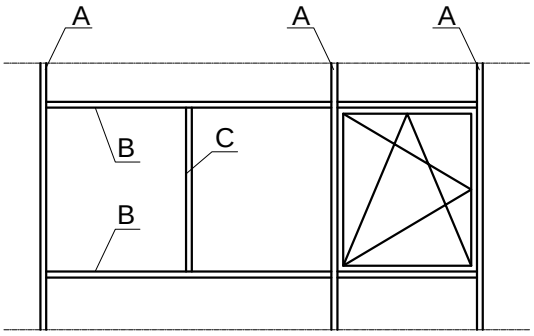


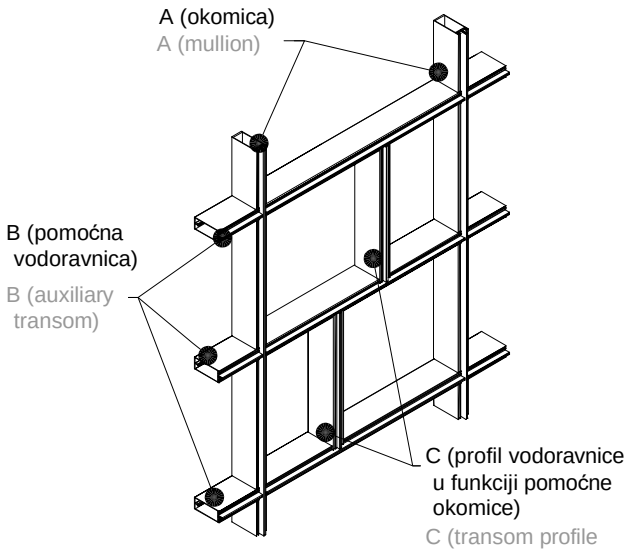
Pomoćna vodoravnica Auxiliary transom		
Art.Br. Art.Nr.	**FVS 50/158**	
Težina Weight	kg/m'	**2.69**
Opseg Perimeter	mm	**920.569**
Moment inercije Moments of inertia	Ix (cm4)	**295.30**
	Iy (cm4)	**36.76**
	Wx (cm3)	**14.70**
	Wy (cm3)	**36.00**
L	mm	≤6800



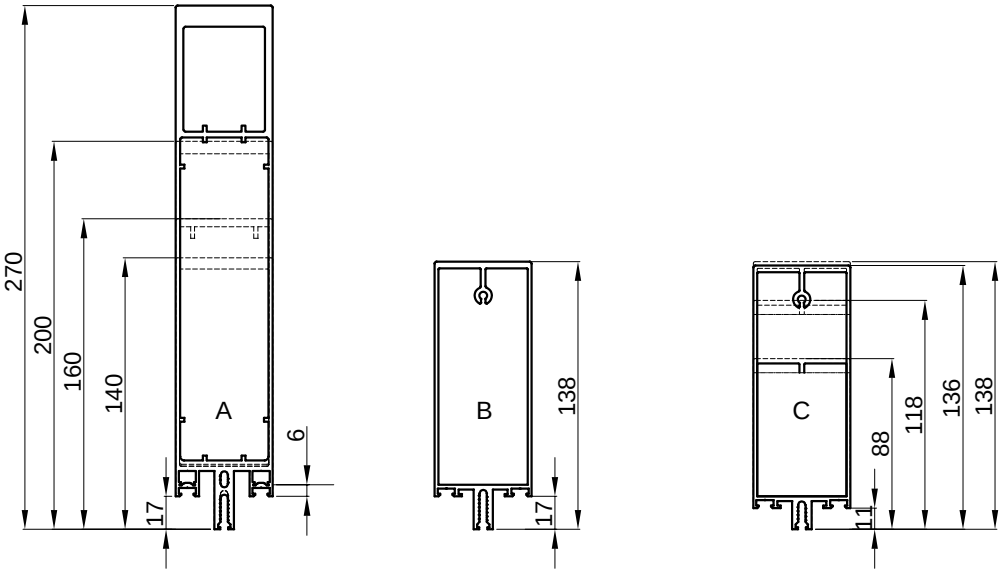
TREĆI NIVO
Varijante sa pomoćnom vodoravnicom FVS 50/138
THREE LEVELS
Versions with auxiliary transom FPV 50/138

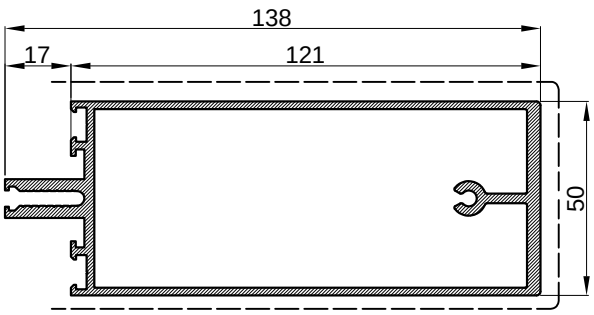
M 1:2



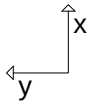


A: Okomica A: Mullion	B: Pomoćna vodoravnica B: Auxilliary transom	C: Vodoravnica C: Transom
-FMO 50/270	**-FPV 50/138**	-FMV 50/138
-FMO 50/200		-FPO 50/136
-FMO 50/160		-FMV 50/118
-FMO 50/140		-FMV 50/88



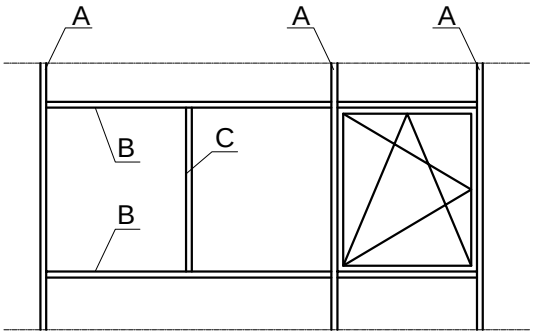


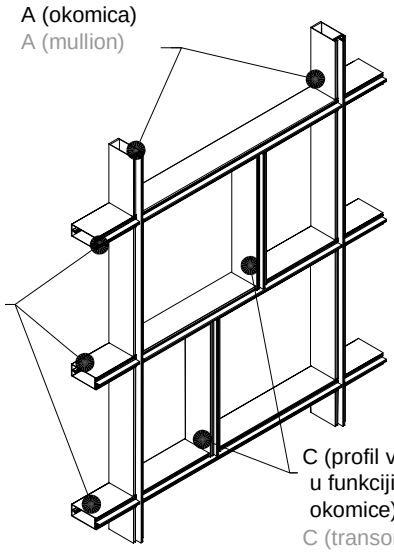
Pomoćna vodoravnica Auxiliary transom		
Art.Br. Art.Nr.	**FPV 50/138**	
Težina Weight	kg/m'	**2.59**
Opseg Perimeter	mm	**464.93**
Moment inercije Moments of inertia	Ix (cm4)	**223.22**
	Iy (cm4)	**32.94**
	Wx (cm3)	**29.84**
	Wy (cm3)	**13.18**
L	mm	≤6800



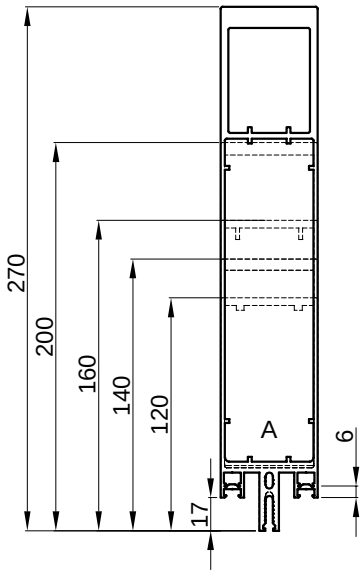
TREĆI NIVO
Varijante sa pomoćnom vodoravnicom FVS 50/118
THREE LEVELS
Versions with auxiliary transom FVS 50/118

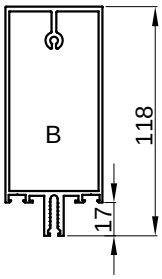
M 1:2

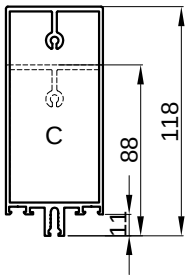


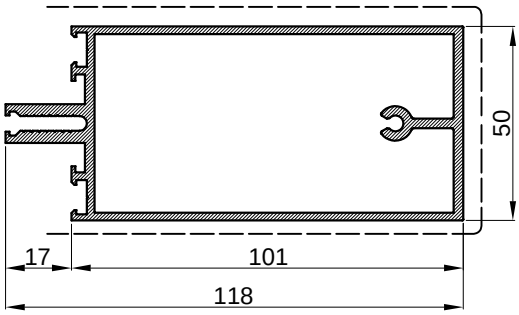


A: Okomica A: Mullion	B: Pomoćna vodoravnica B: Auxiliary transom	C: Vodoravnica C: Transom
-FMO 50/270 -FMO 50/200 -FMO 50/160 -FMO 50/140 -FMO 50/120	**-FVS 50/118**	-FMV 50/118 -FMV 50/88

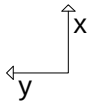






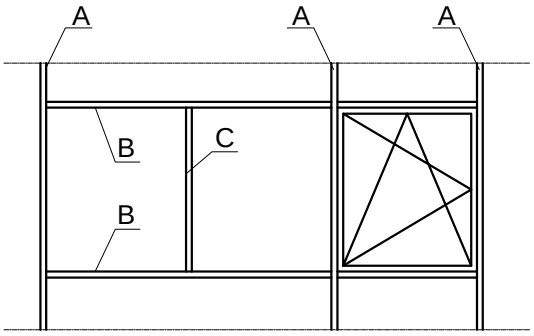


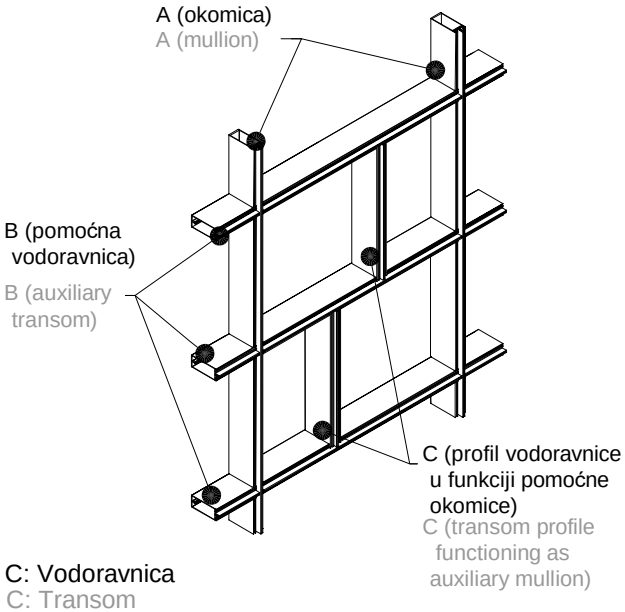
Pomoćna vodoravnica Auxiliary transom		
Art.Br. Art.Nr.	**FVS 50/118**	
Težina Weight	kg/m'	**2.25**
Opseg Perimeter	mm	**426.39**
Moment inercije Moments of inertia	Ix (cm4)	**135.80**
	Iy (cm4)	**27.52**
	Wx (cm3)	**11.01**
	Wy (cm3)	**21.79**
L	mm	≤6800



M 1:2

TREĆI NIVO
Varijante sa pomoćnom vodoravnicom FVS 50/88
THREE LEVELS
Versions with auxiliary transom FVS 50/88





A: Okomica
A: Mullion

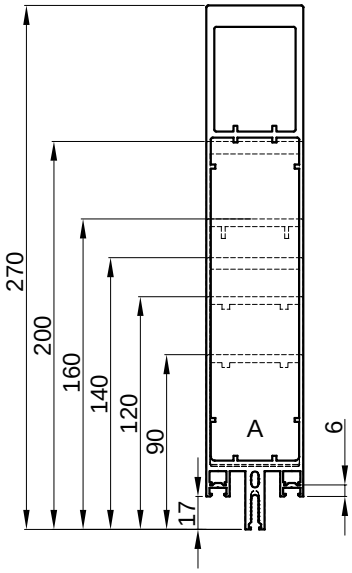
-FMO 50/270
-FMO 50/200
-FMO 50/160
-FMO 50/140
-FMO 50/120
-FMO 50/88

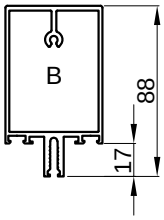
B: Pomoćna vodoravnica
B: Auxiliary transom

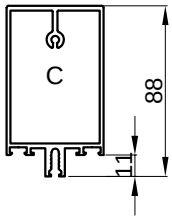
-FVS 50/88

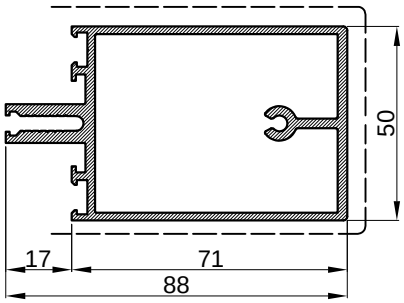
C: Vodoravnica
C: Transom

-FMV 50/88

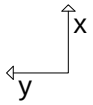




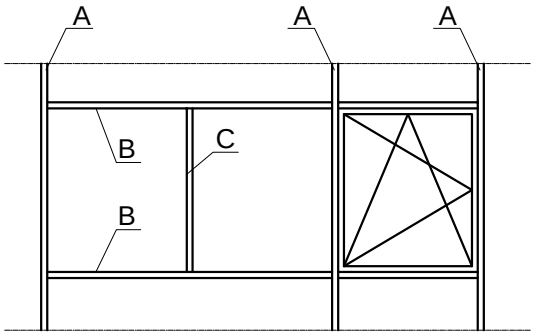


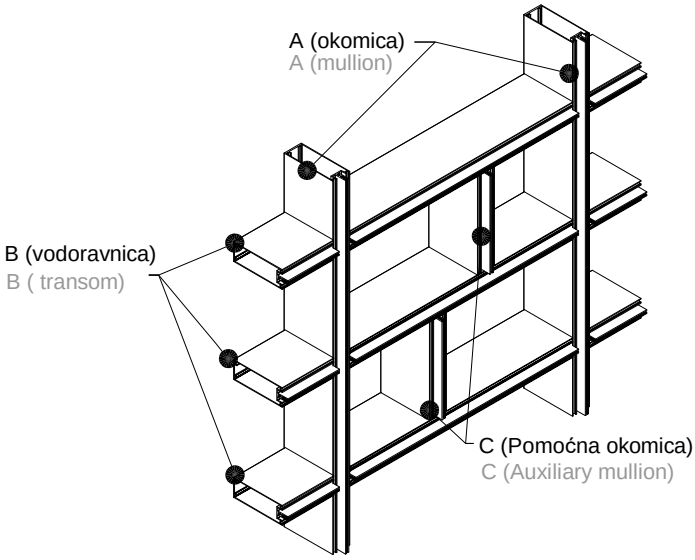


Pomoćna vodoravnica Auxiliary transom		
Art.Br. Art.Nr.	**FVS 50/88**	
Težina Weight	kg/m'	**1.94**
Opseg Perimeter	mm	**363.08**
Moment inercije Moments of inertia	Ix (cm4)	**61.266**
	Iy (cm4)	**20.5955**
	Wx (cm3)	**8.238**
	Wy (cm3)	**12.898**
L	mm	≤6800



TREĆI NIVO
Varijante sa istim profilima u sva tri nivao
THREE LEVELS
Versions with the same profiles in all three levels

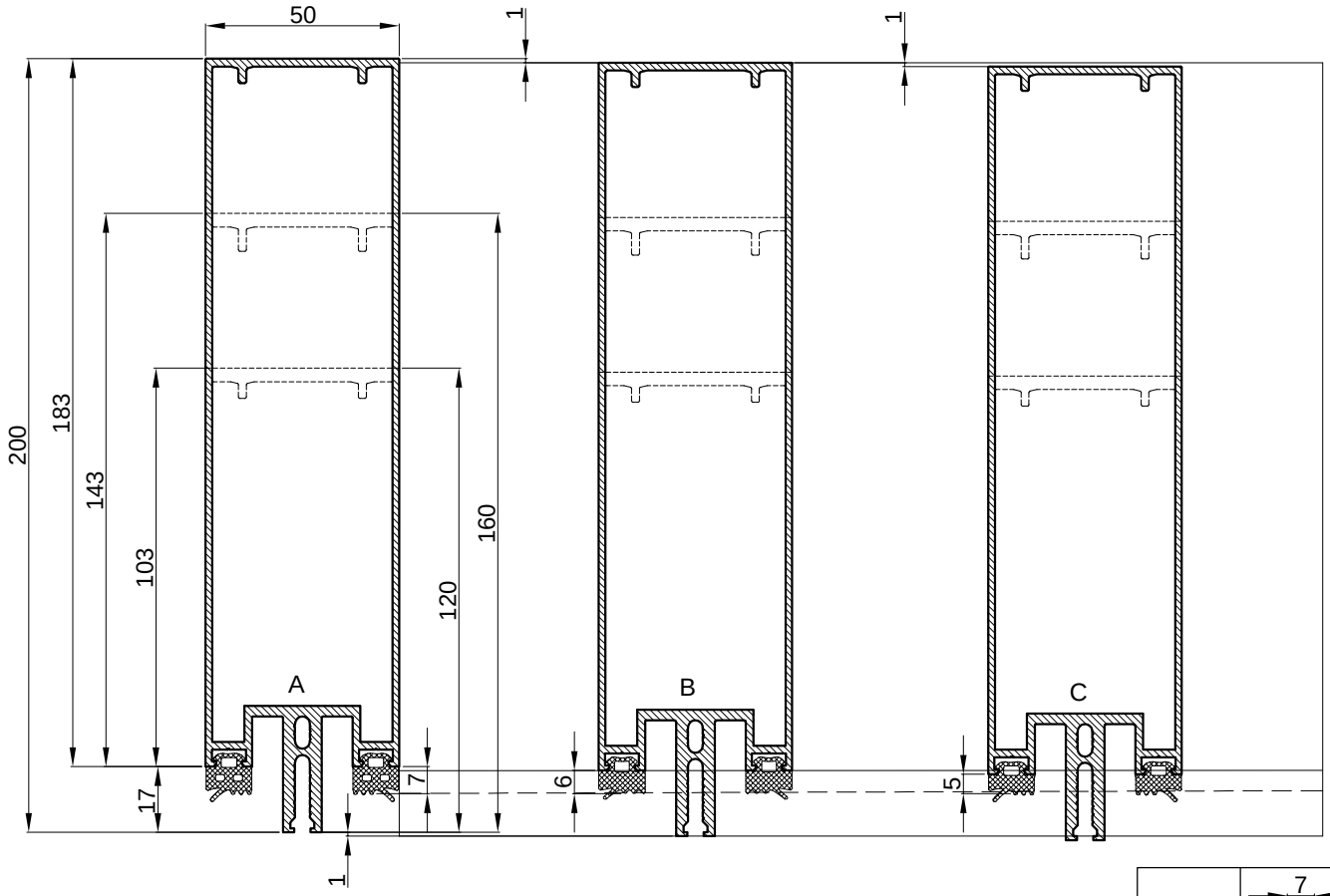


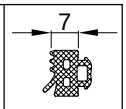
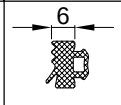
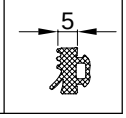


A: Okomica
A: Mullion
-FMO 50/200-S
-FMO 50/160-S
-FMO 50/120-S

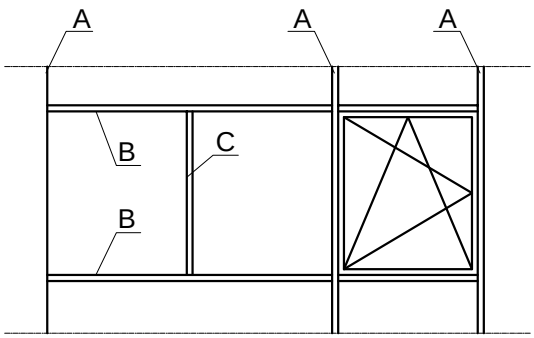
B: Vodoravnica
B: Transom
-FMO 50/200-S
-FMO 50/160-S
-FMO 50/120-S

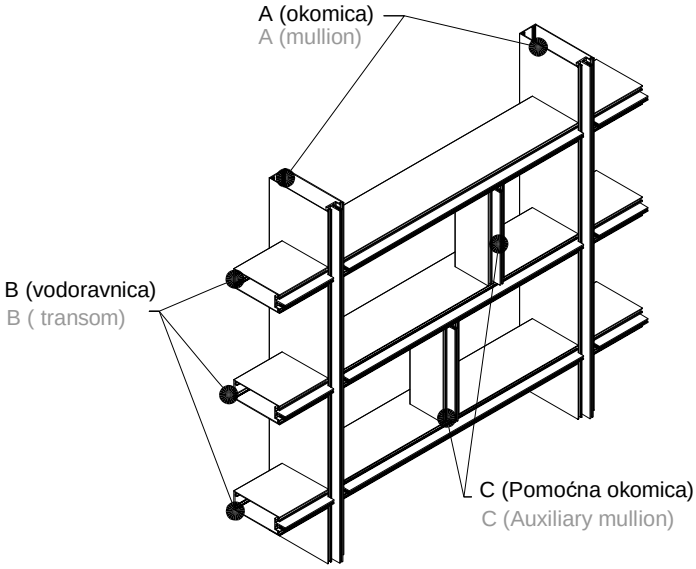
C: Pomoćna okomica
C: Auxiliary mullion
-FMO 50/200-S
-FMO 50/160-S
-FMO 50/120-S



358.014	
351.009	
358.013	

TREĆI NIVO
Varijante sa okomicom FMO 50/200-S, vodoravnicom FMO 50/160-S i pomoćnom okomicom FMO 50/120-S
THREE LEVELS
Versions with mulliom FMO 50/200-S, transom FMO 50/160-S and auxiliary mullion FMO 50/120-S





A: Okomica
A: Mullion

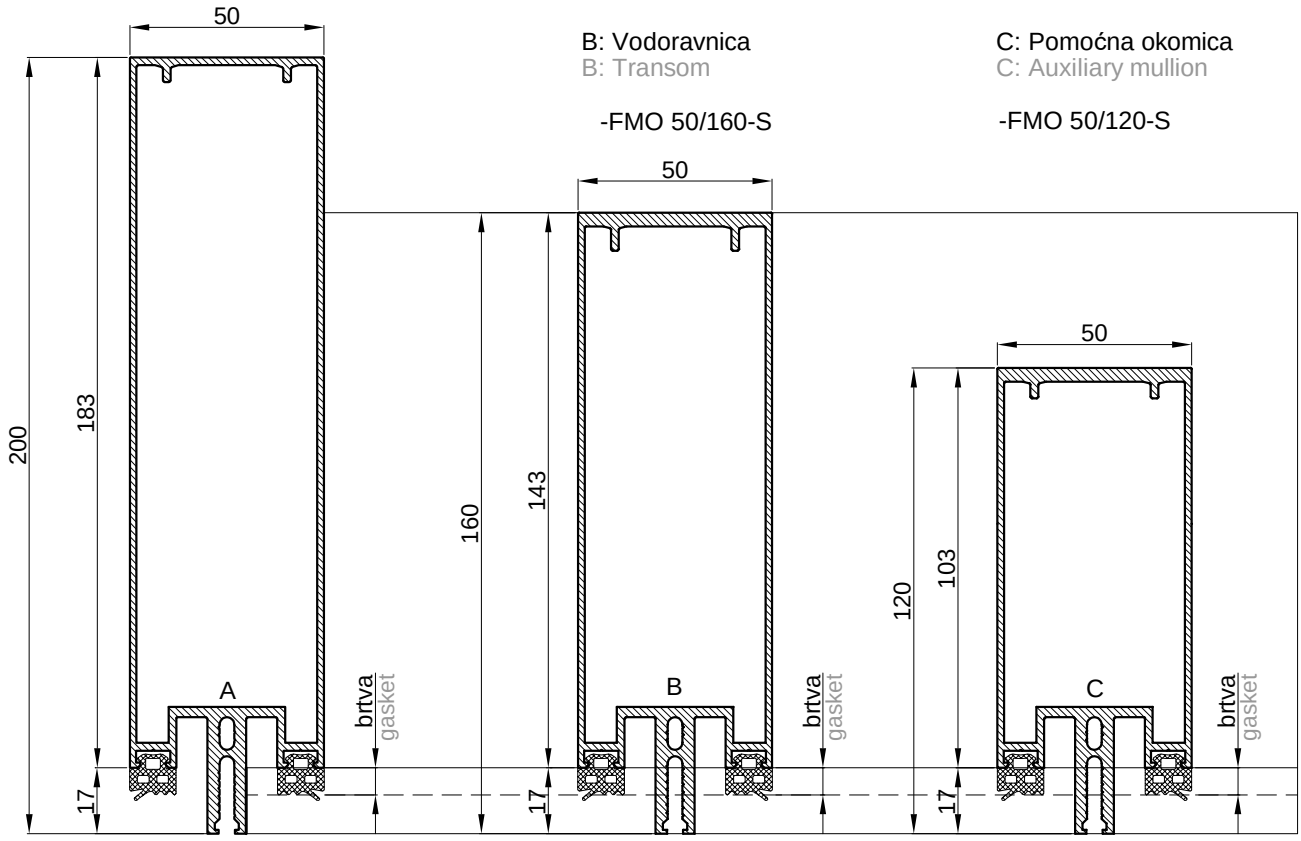
-FMO 50/200-S

B: Vodoravnica
B: Transom

-FMO 50/160-S

C: Pomoćna okomica
C: Auxiliary mullion

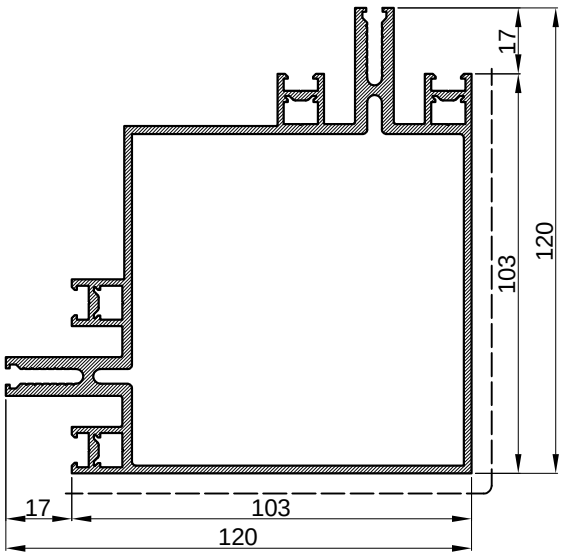
-FMO 50/120-S



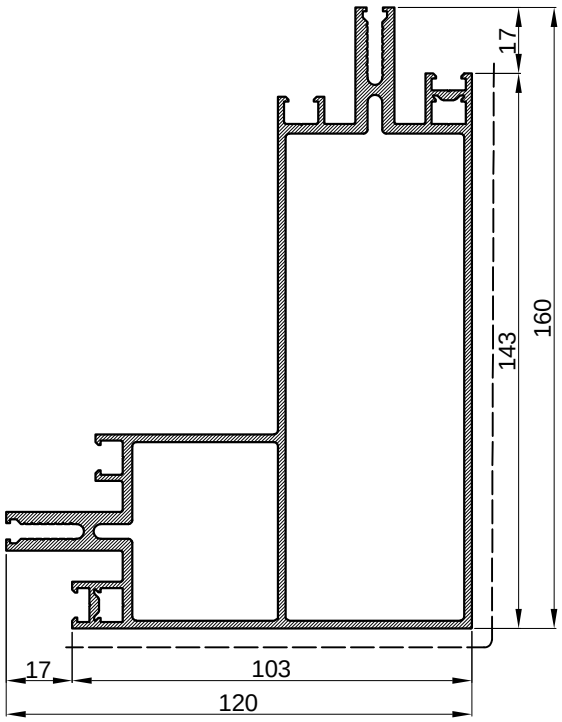
Napomena:
brtva=3 mm,5 mm,6 mm,7 mm,9 mm,11 mm,13 mm.
Na sva tri profila ide ista brtva
ATTENTION:
gasket=3 mm,5mm,6 mm,7 mm,9 mm,11 mm,13 mm.
The same gasket goes on all three profiles.

M 1:2



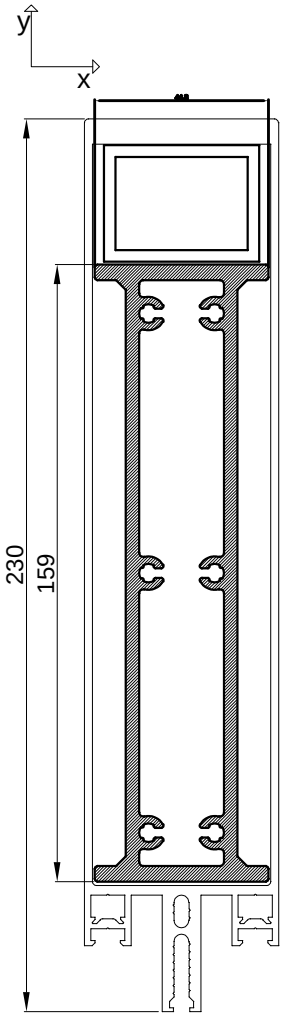


Kutna okomica Corner mullion		
Art.Br. Art.Nr.	**FOK-120/120**	
Težina Weight	kg/m'	**3.69**
Opseg Perimeter	mm	**722.86**
Moment inercije Moments of inertia	Ix (cm4)	**204.20**
	Iy (cm4)	**204.20**
	Wx (cm3)	**30.76**
	Wy (cm3)	**30.76**
L	mm	≤6800

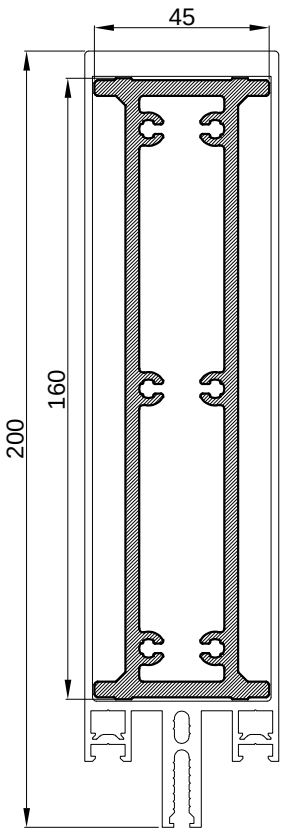


Kutna okomica Corner mullion		
Art.Br. Art.Nr.	**FOK 120/160**	
Težina Weight	kg/m'	**4.17**
Opseg Perimeter	mm	**788.188**
Moment inercije Moments of inertia	Ix (cm4)	**428.22**
	Iy (cm4)	**203.09**
	Wx (cm3)	**44.98**
	Wy (cm3)	**27.99**
L	mm	≤6800

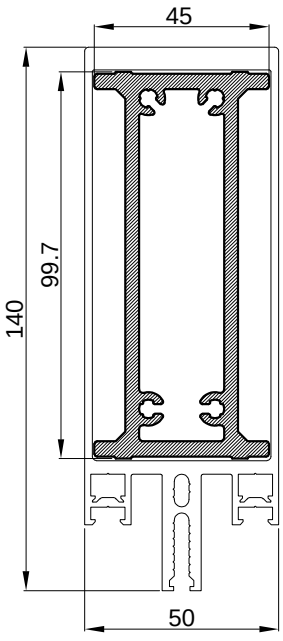
M 1:2



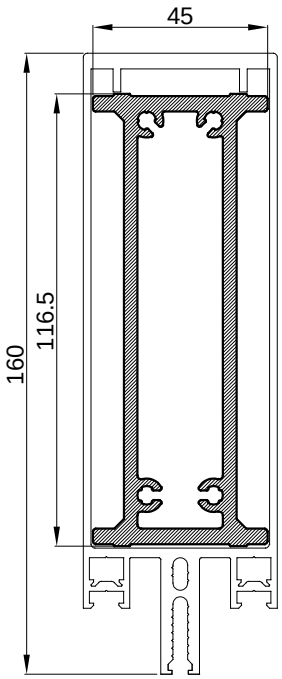
Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-072 + F-0481**	
Težina Weight	kg/m'	**5.35**
Opseg Perimeter	mm	**571.34**
Moment inercije Moments of inertia	Ix (cm4)	**478.8**
	Iy (cm4)	**32.57**
	Wx (cm3)	**62.98**
	Wy (cm3)	**14.98**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-072+ FMO 50/230 +F-0481**	
Moment inercije Moments of inertia	Ix (cm4)	**1510.58**
	Iy (cm4)	**91.03**
	Wx (cm3)	**150.09**
	Wy (cm3)	**38.36**



Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-072**	
Težina Weight	kg/m'	**4.34**
Opseg Perimeter	mm	**434.03**
Moment inercije Moments of inertia	Ix (cm4)	**480.04**
	Iy (cm4)	**25.0**
	Wx (cm3)	**60.0**
	Wy (cm3)	**11.11**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-072+ FMO 50/200**	
Moment inercije Moments of inertia	Ix (cm4)	**1206.34**
	Iy (cm4)	**76.55**
	Wx (cm3)	**111.12**
	Wy (cm3)	**30.62**

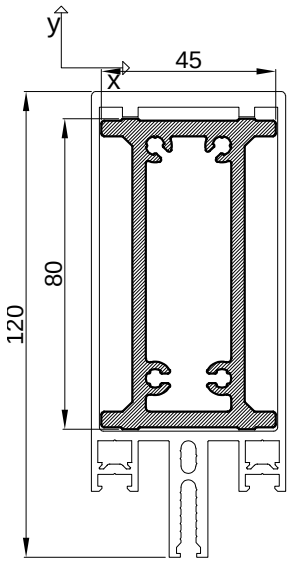


Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-070**	
Težina Weight	kg/m'	**3.00**
Opseg Perimeter	mm	**313.43**
Moment inercije Moments of inertia	Ix (cm4)	**143.04**
	Iy (cm4)	**17.54**
	Wx (cm3)	**28.40**
	Wy (cm3)	**7.80**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-070+ FMO 50/140**	
Moment inercije Moments of inertia	Ix (cm4)	**431.07**
	Iy (cm4)	**55.5**
	Wx (cm3)	**56.02**
	Wy (cm3)	**22.2**

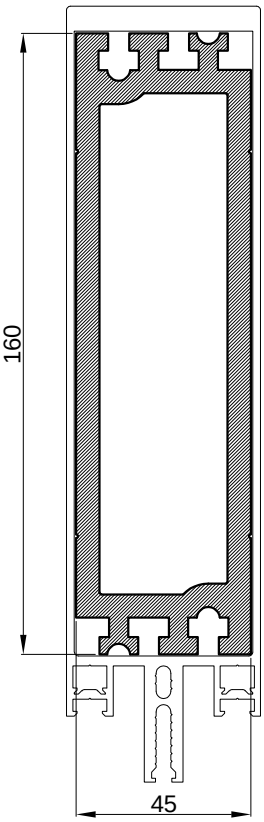


Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-071**	
Težina Weight	kg/m'	**3.31**
Opseg Perimeter	mm	**347.03**
Moment inercije Moments of inertia	Ix (cm4)	**211.52**
	Iy (cm4)	**19.46**
	Wx (cm3)	**35.95**
	Wy (cm3)	**8.65**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-071+ FMO 50/160**	
Moment inercije Moments of inertia	Ix (cm4)	**574.65**
	Iy (cm4)	**60.4**
	Wx (cm3)	**67.89**
	Wy (cm3)	**24.12**

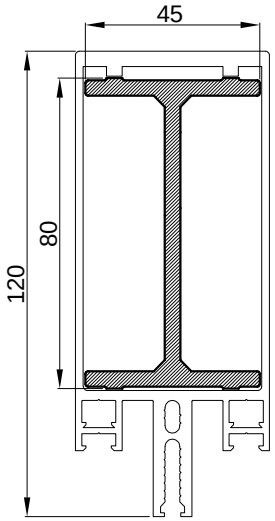
M 1:2



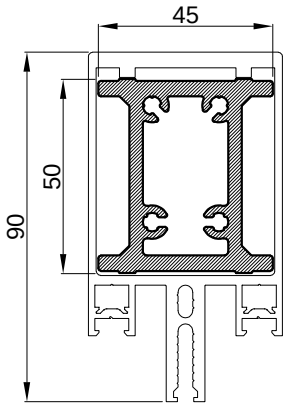
Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-069**	
Težina Weight	kg/m'	**2.62**
Opseg Perimeter	mm	**274.03**
Moment inercije Moments of inertia	Ix (cm4)	**82.27**
	Iy (cm4)	**15.28**
	Wx (cm3)	**20.38**
	Wy (cm3)	**6.79**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-069+ FMO 50/120**	
Moment inercije Moments of inertia	Ix (cm4)	**252.91**
	Iy (cm4)	**46.88**
	Wx (cm3)	**38.29**
	Wy (cm3)	**18.75**



Ojačanja/ spoj okomica pod kutom Reinforcement/ angled mullion joint		
Art.Br. Art.Nr.	**SB-066/M**	
Težina Weight	kg/m'	**6.74**
Opseg Perimeter	mm	**549.68**
Moment inercije Moments of inertia	Ix (cm4)	**690.517**
	Iy (cm4)	**75.461**
	Wx (cm3)	**86.315**
	Wy (cm3)	**33.538**
L	mm	≤6800

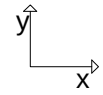


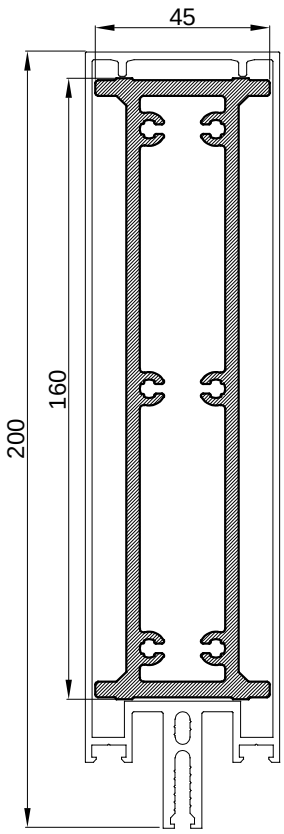
Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-064 M**	
Težina Weight	kg/m'	**1.80**
Opseg Perimeter	mm	**323.205**
Moment inercije Moments of inertia	Ix (cm4)	**65.7540**
	Iy (cm4)	**6.2766**
	Wx (cm3)	**16.4385**
	Wy (cm3)	**2.7896**
L	mm	≤6800
Art.Br. Art.Nr.	**SB-064 M+ FMO 50/120**	
Moment inercije Moments of inertia	Ix (cm4)	**234.39**
	Iy (cm4)	**37.58**
	Wx (cm3)	**35.86**
	Wy (cm3)	**15.03**



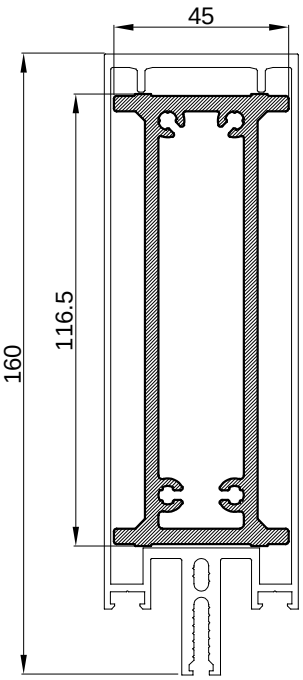
Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-067/M**	
Težina Weight	kg/m'	2.05
Opseg Perimeter	mm	214.026
Moment inercije Moments of inertia	Ix (cm4)	25.220
	Iy (cm4)	11.848
	Wx (cm3)	10.064
	Wy (cm3)	5.266
L		≤6800
Art.Br. Art.Nr.	**SB-067/M+ FMO 50/90**	
Moment inercije Moments of inertia	Ix (cm4)	**103.27**
	Iy (cm4)	**36.45**
	Wx (cm3)	**19.9**
	Wy (cm3)	**14.58**

M 1:2



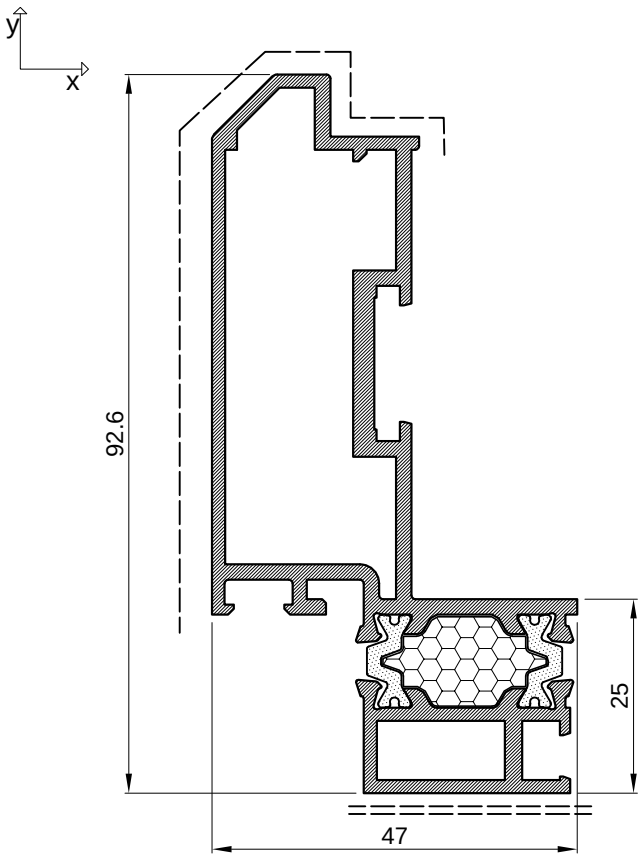


Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-072+ FMO 50/200-S**	
Moment inercije Moments of inertia	Ix (cm4)	**979.36**
	Iy (cm4)	**66.6**
	Wx (cm3)	**105.07**
	Wy (cm3)	**27.75**

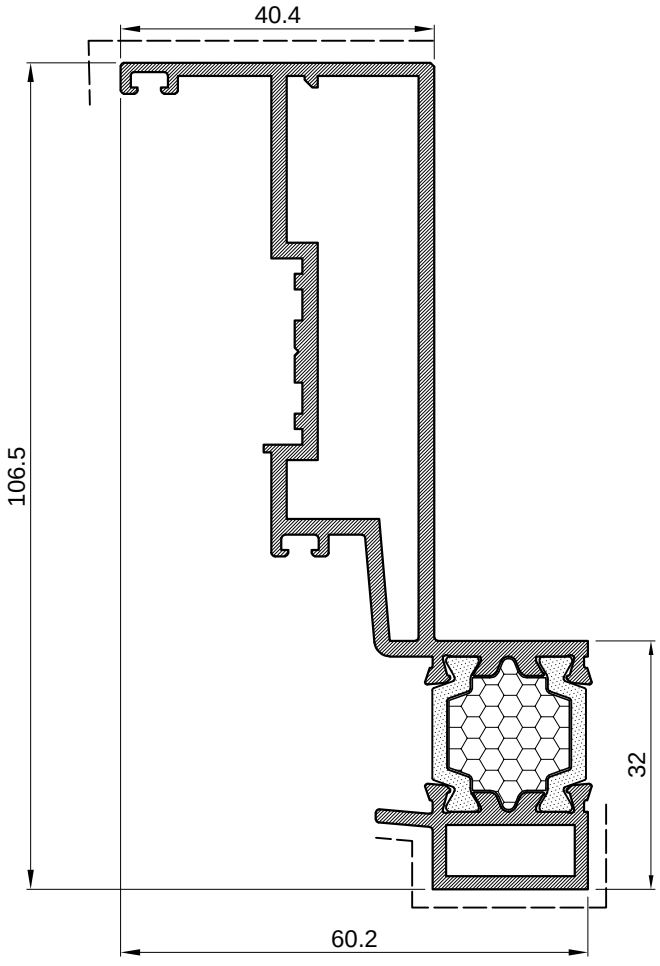


Ojačanja Reinforcement		
Art.Br. Art.Nr.	**SB-071+ FMO 50/160-S**	
Moment inercije Moments of inertia	Ix (cm4)	**538.57**
	Iy (cm4)	**54.58**
	Wx (cm3)	**75.83**
	Wy (cm3)	**22.7**

M 1:1



Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0134F**	
Težina Weight	kg/m'	**1.75**
Opseg Perimeter	mm	**342.00**
Moment inercije Moments of inertia	Ix (cm4)	**47.57**
	Iy (cm4)	**9.85**
	Wx (cm3)	**9.02**
	Wy (cm3)	**4.05**
L	mm	**6500**

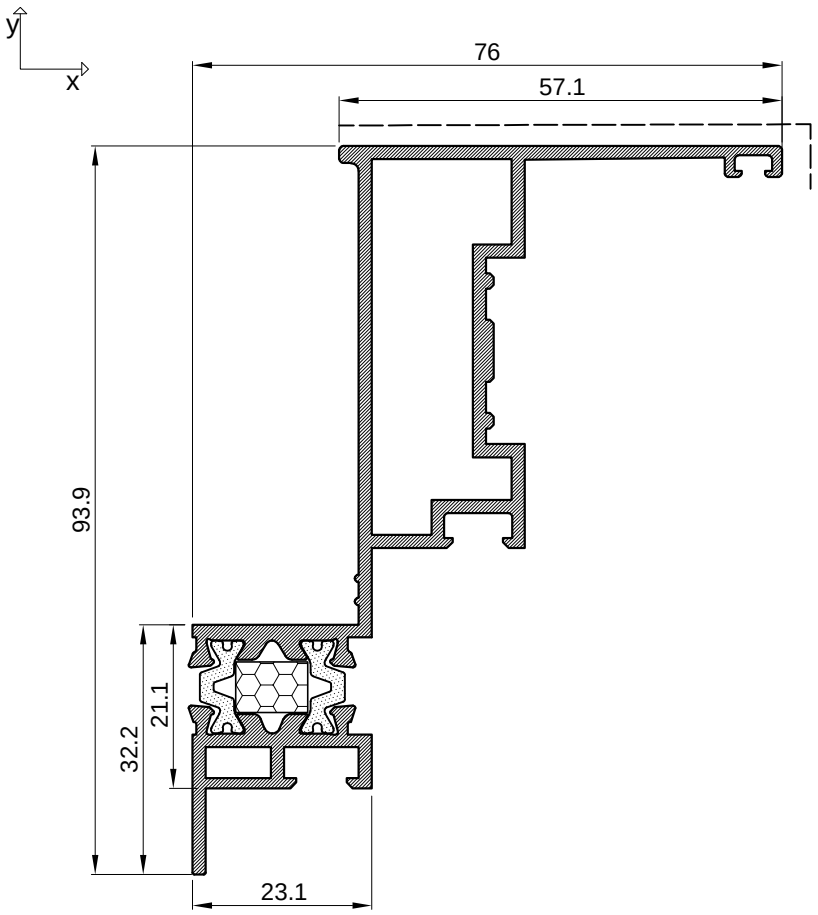


Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	**FT-0133F**	
Težina Weight	kg/m'	**1.88**
Opseg Perimeter	mm	**388.00**
Moment inercije Moments of inertia	Ix (cm4)	**75.31**
	Iy (cm4)	**10.29**
	Wx (cm3)	**14.01**
	Wy (cm3)	**3.19**
L	mm	**6500**

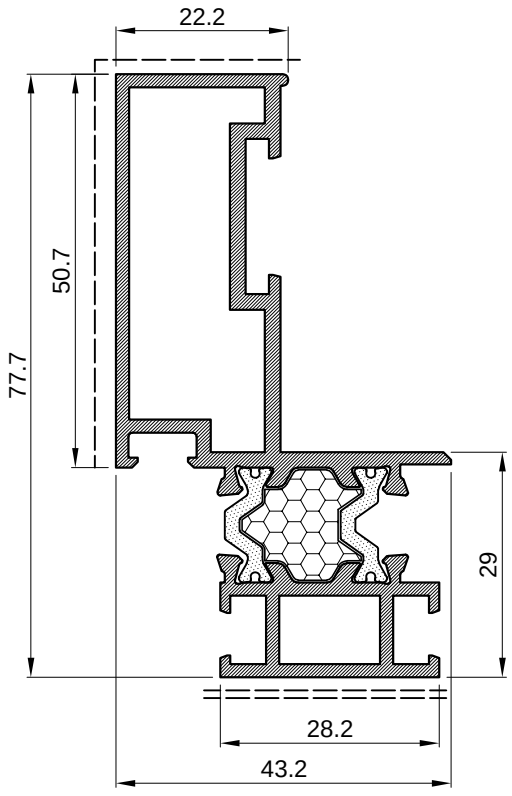
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PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

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M 1:1



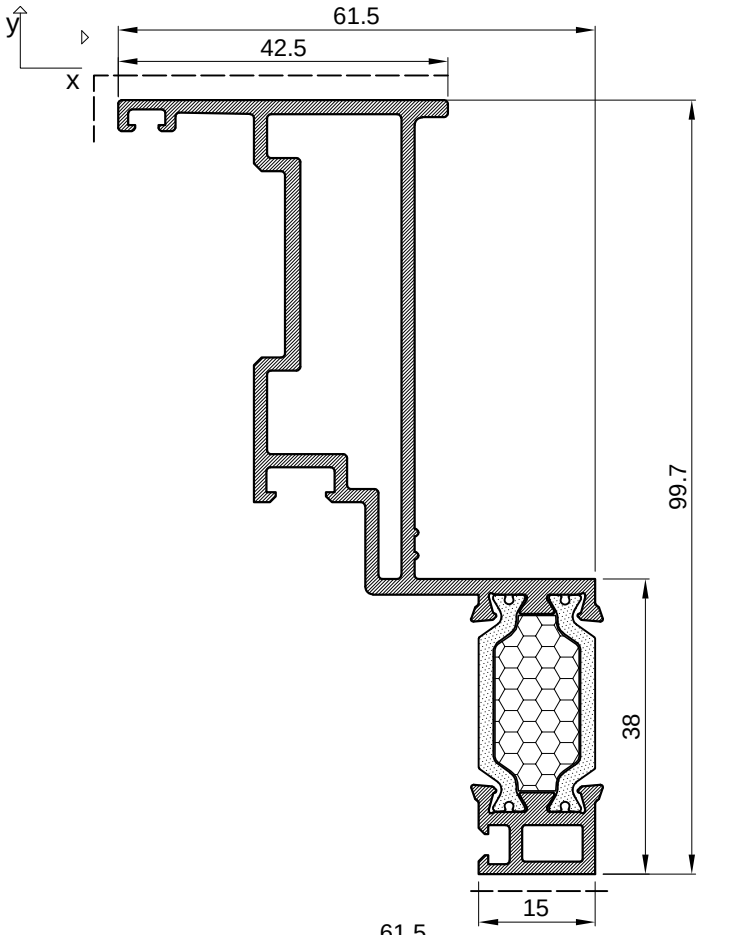
Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	**FT-0175F**	
Težina Weight	kg/m'	**1.59**
Opseg Perimeter	mm	**424.14**
Moment inercije Moments of inertia	Ix (cm4)	**40.480**
	Iy (cm4)	**16.610**
	Wx (cm3)	**9.080**
	Wy (cm3)	**3.370**
L	mm	**6500**



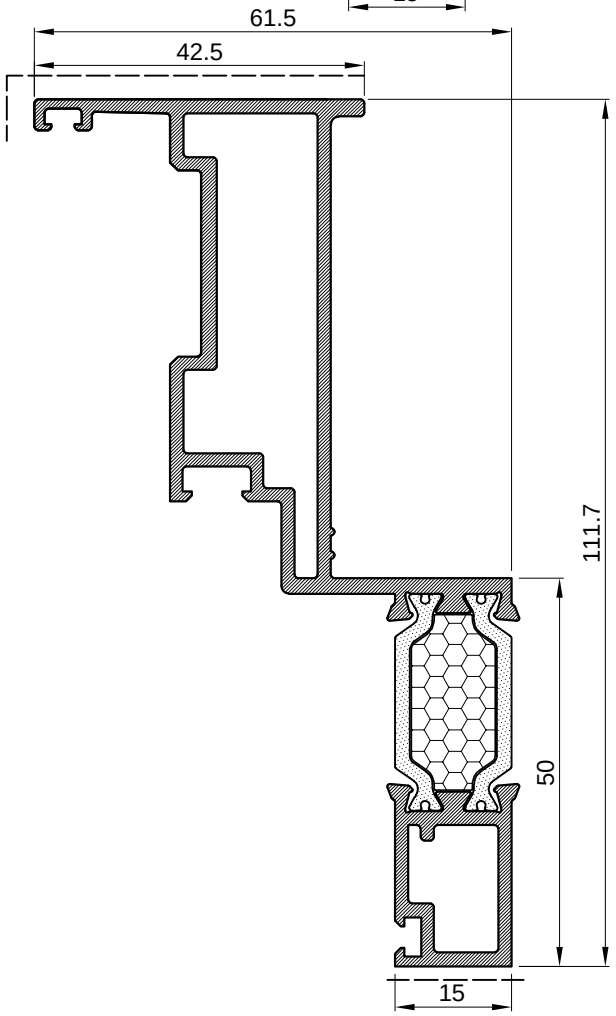
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0157F**	
Težina Weight	kg/m'	**1.50**
Opseg Perimeter	mm	**376.00**
Moment inercije Moments of inertia	Ix (cm4)	**30.05**
	Iy (cm4)	**6.36**
	Wx (cm3)	**7.04**
	Wy (cm3)	**2.79**
L	mm	**6500**

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Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	**FT-0173F**	
Težina Weight	kg/m'	**1.54**
Opseg Perimeter	mm	**377.59**
Moment inercije Moments of inertia	Ix (cm4)	**42.850**
	Iy (cm4)	**11.150**
	Wx (cm3)	**9.080**
	Wy (cm3)	**3.170**
L	mm	**6500**

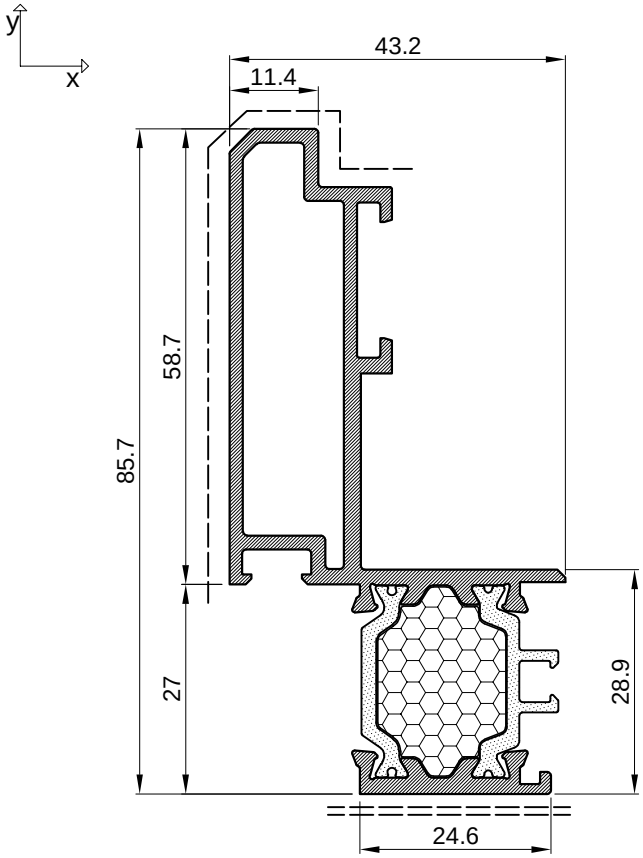


Ram fasadnog otvora Facade opening frame		
Art.Br. Art.Nr.	**FT-0174F**	
Težina Weight	kg/m'	**1.69**
Opseg Perimeter	mm	**400.82**
Moment inercije Moments of inertia	Ix (cm4)	**57.640**
	Iy (cm4)	**12.950**
	Wx (cm3)	**11.590**
	Wy (cm3)	**3.510**
L	mm	**6500**

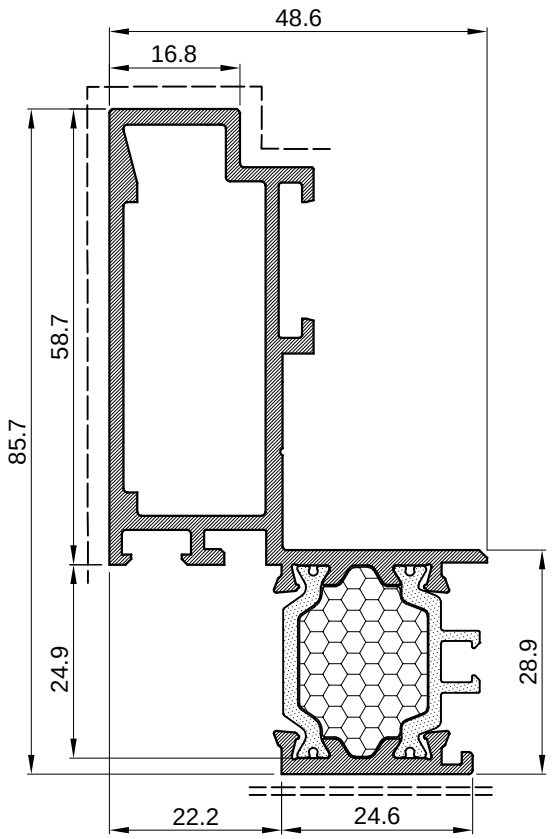
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M 1:1



Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0162F**	
Težina Weight	kg/m'	**1.38**
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**

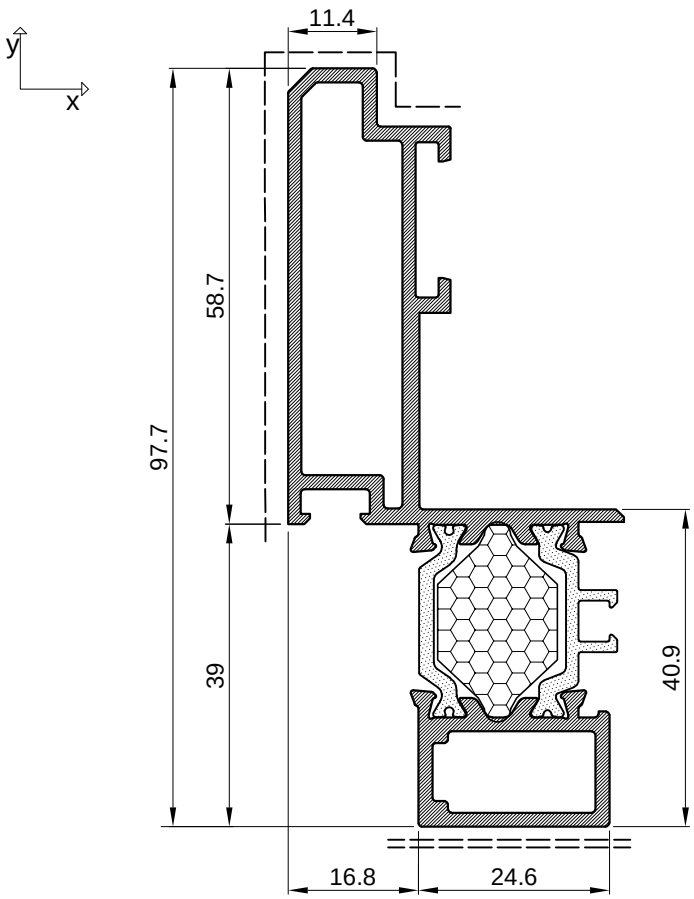


Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0164F**	
Težina Weight	kg/m'	**1.51**
Opseg Perimeter	mm	**356.85**
Moment inercije Moments of inertia	Ix (cm4)	**29.23**
	Iy (cm4)	**8.95**
	Wx (cm3)	**6.75**
	Wy (cm3)	**2.97**
L	mm	**6500**

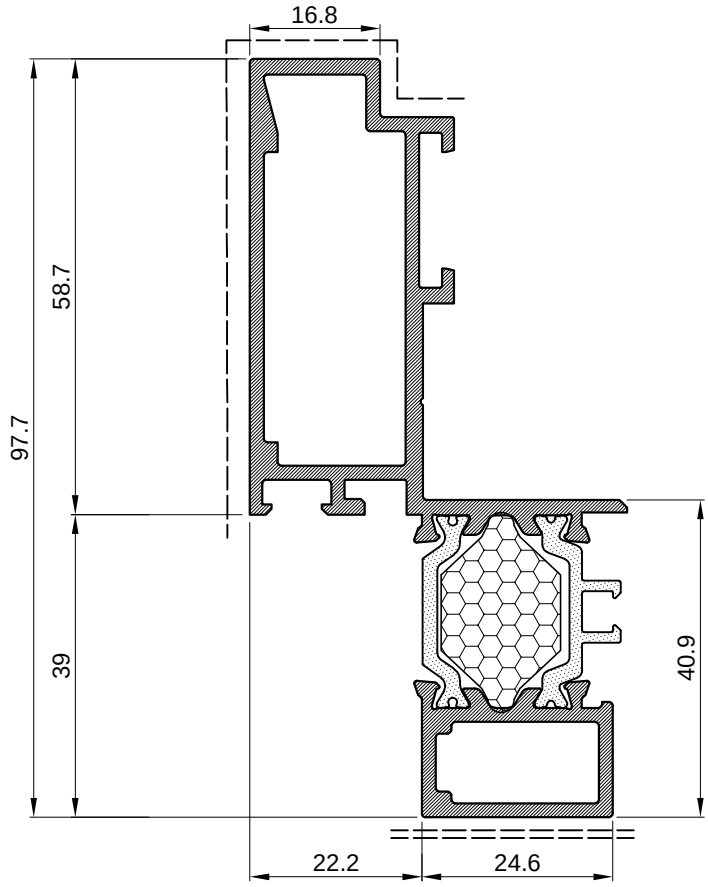
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M 1:1



Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0186F**	
Težina Weight	kg/m'	**1.60**
Opseg Perimeter	mm	**371.67**
Moment inercije Moments of inertia	Ix (cm4)	**37.61**
	Iy (cm4)	**7.78**
	Wx (cm3)	**9.01**
	Wy (cm3)	**3.08**
L	mm	**6500**



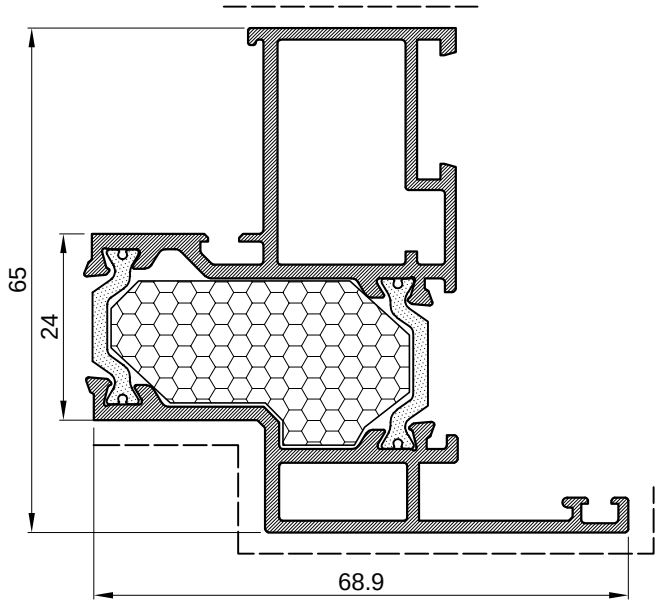
Krilo fasadnog otvora Facade opening sash		
Art.Br. Art.Nr.	**FT-0170F**	
Težina Weight	kg/m'	**1.73**
Opseg Perimeter	mm	**378.62**
Moment inercije Moments of inertia	Ix (cm4)	**42.86**
	Iy (cm4)	**11.45**
	Wx (cm3)	**10.66**
	Wy (cm3)	**4.1**
L	mm	**6500**

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

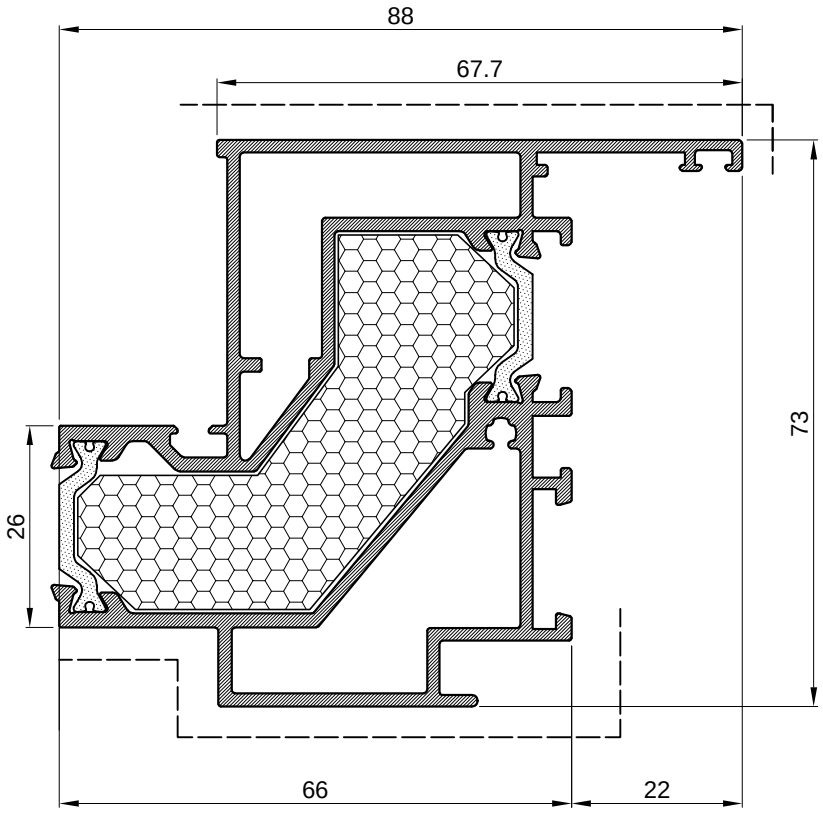
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M 1:1





Ram Termo 65 otv. unutra Termo 65 frame inwards ope.		
Art.Br. Art.Nr.	**FT-0261F**	
Težina Weight	kg/m'	**1.50**
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**

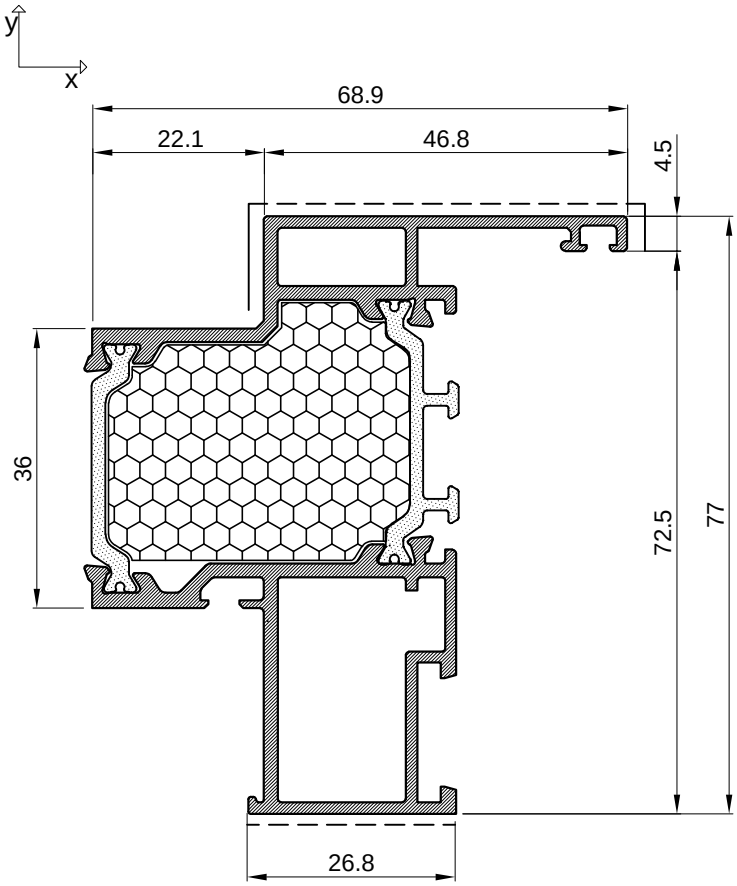


Ram Termo 65 otv. vani Termo 65 frame outwards ope.		
Art.Br. Art.Nr.	**FT-0290F**	
Težina Weight	kg/m	**2.14**
Opseg Perimeter	mm	**440.29**
Moment inercije Moments of inertia	Ix (cm4)	**34.33**
	Iy (cm4)	**31.28**
	Wx (cm4)	**9.01**
	Wy (cm4)	**6.52**
L	mm	**6500**

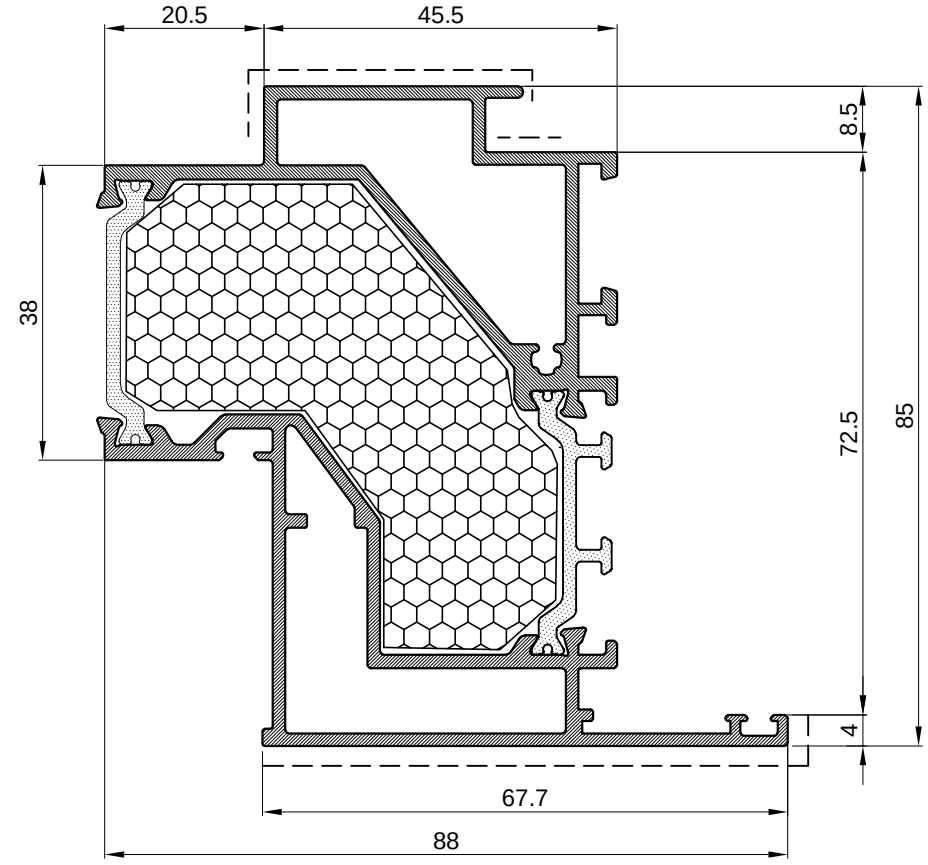
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1



Profil rama u fasadi Profile frame in facade		
Art.Br. Art.Nr.	**FT-2261HF**	
Težina Weight	kg/m	1.523
Opseg Perimeter	mm	427
Moment inercije Moment of inertia	Ix (cm4)	25.3
	Iy (cm4)	12.41
	Wx (cm3)	8.10
	Wy (cm3)	3.22
L	mm	6500

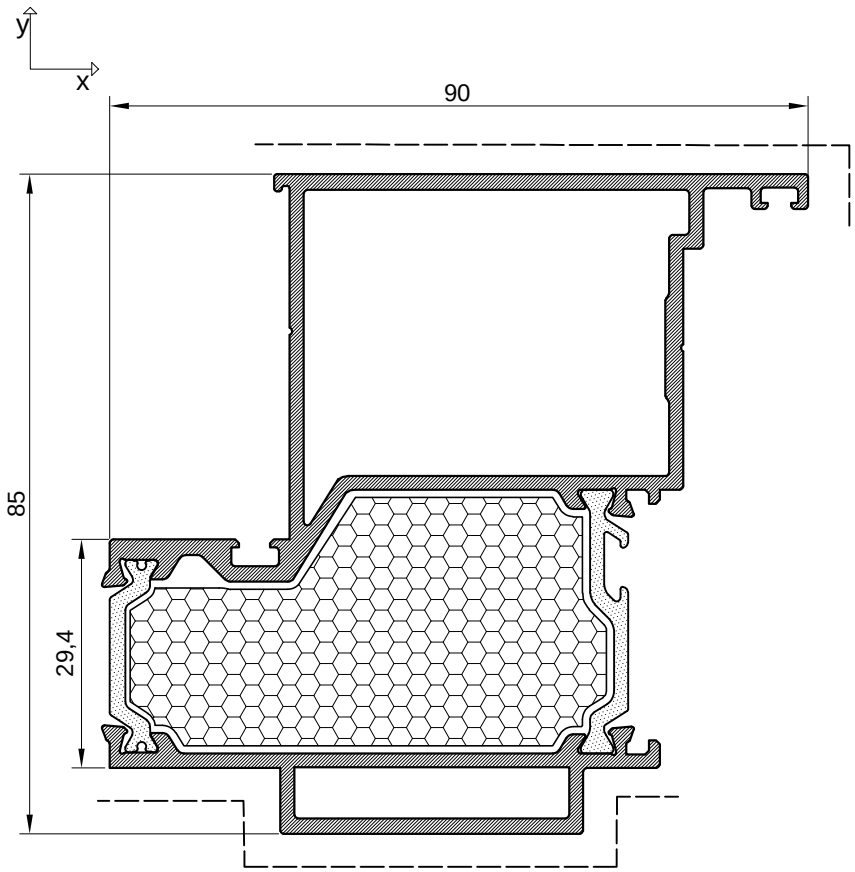


Profil rama u fasadi -otv.vani Profile frame in facade-outside opening		
Art.Br. Art.Nr.	**FT-2290HF**	
Težina Weight	kg/m	2.184
Opseg Perimeter	mm	514
Moment inercije Moment of inertia	Ix (cm4)	48.33
	Iy (cm4)	31.3
	Wx (cm3)	14.18
	Wy (cm3)	6.52
L	mm	6500

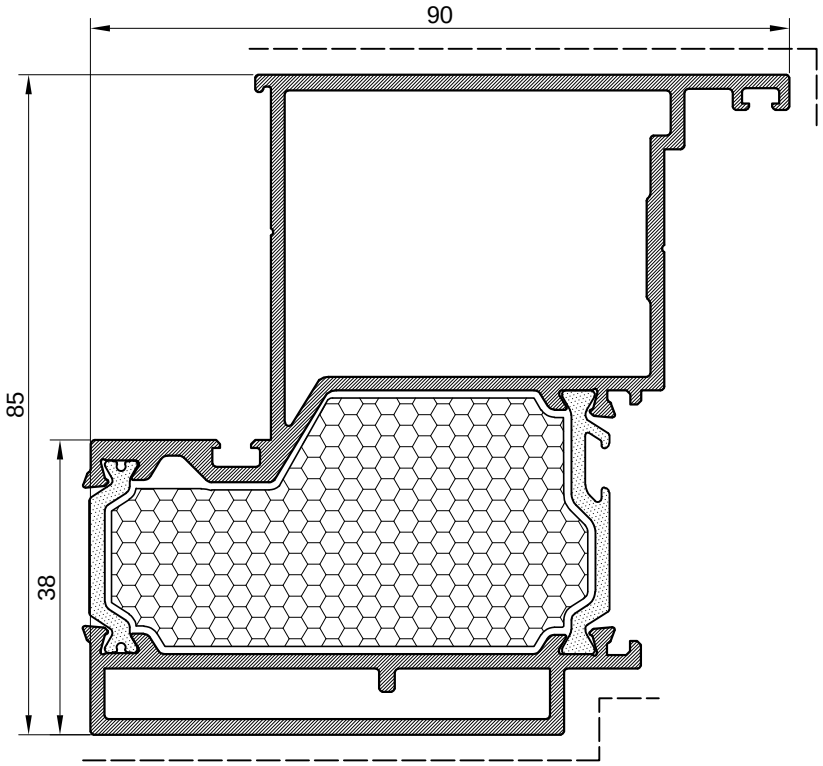
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1



Ram vrata Termo 85 VS Door frame Termo 85 VS		
Art.Br. Art.Nr.	**FT-0553F**	
Težina Weight	kg/m	**2.23**
Opseg Perimeter	mm	**412.00**
Moment inercije Moments of inertia	Ix (cm4)	**55.55**
	Iy (cm4)	**45.28**
	Wx (cm4)	**15.57**
	Wy (cm4)	**9.95**
L	mm	**6500**

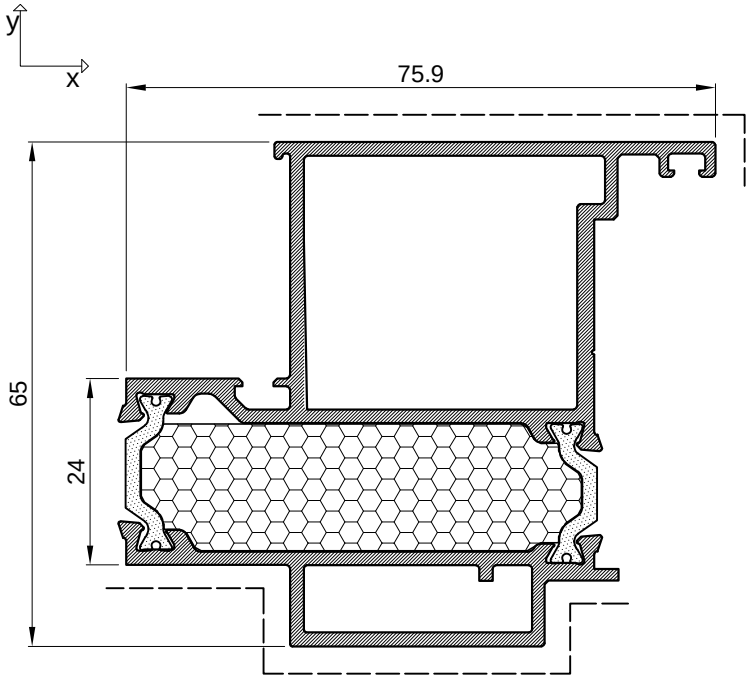


Ram vrata Termo 85 VS Door frame Termo 85 VS		
Art.Br. Art.Nr.	**FT-0554F**	
Težina Weight	kg/m	**2.37**
Opseg Perimeter	mm	**412.00**
Moment inercije Moments of inertia	Ix (cm4)	**58.23**
	Iy (cm4)	**47.32**
	Wx (cm4)	**16.34**
	Wy (cm4)	**9.50**
L	mm	**6500**

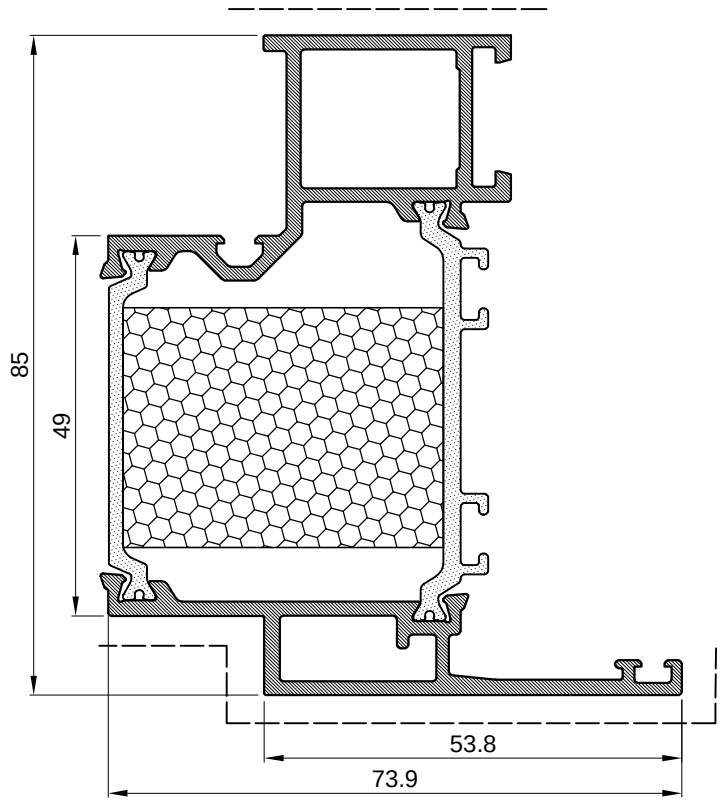
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1



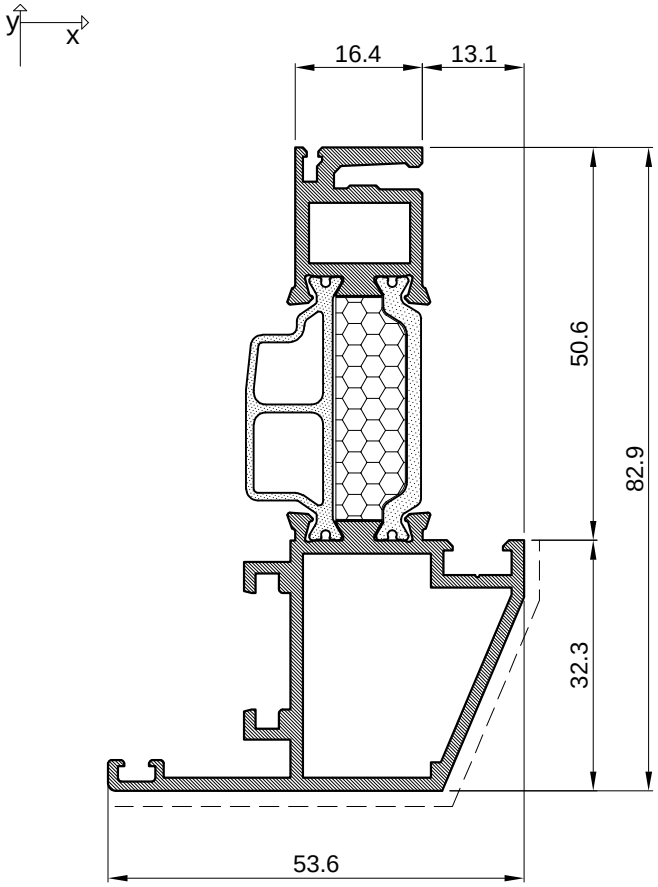
Ram vrata T65 VS Door frame T65 VS		
Art.Br. Art.Nr.	**FT-0260F**	
Težina Weight	kg/m'	**1.79**
Opseg Perimeter	mm	**360.64**
Moment inercije Moments of inertia	Ix (cm4)	**22.84**
	Iy (cm4)	**23.78**
	Wx (cm3)	**8.62**
	Wy (cm3)	**6.14**
L	mm	**6500**



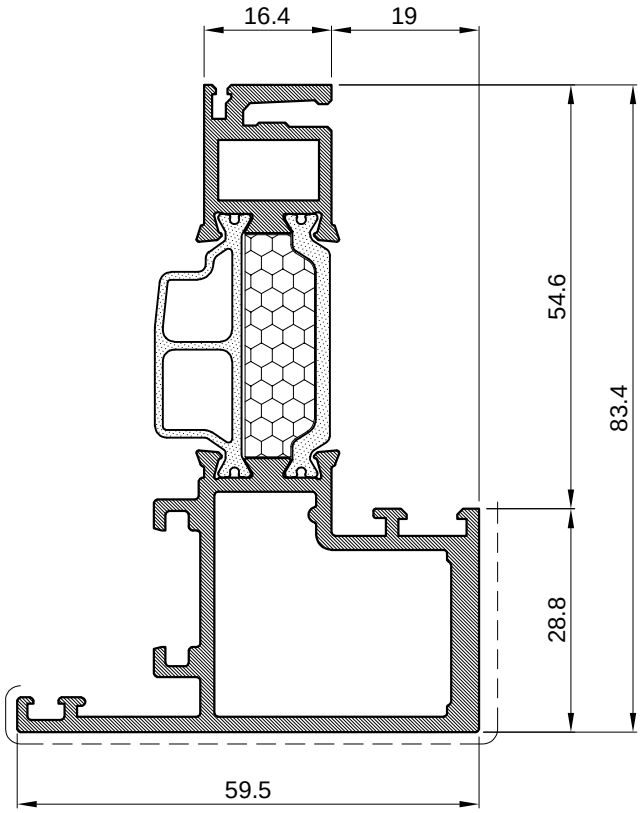
Ram Termo 85 PA Frame Termo 85 PA		
Art.Br. Art.Nr.	**FT-1201**	
Težina Weight	kg/m'	**1.76**
Opseg Perimeter	mm	**417.57**
Moment inercije Moments of inertia	Ix (cm4)	**39.68**
	Iy (cm4)	**15.71**
	Wx (cm3)	**11.92**
	Wy (cm3)	**3.72**
L	mm	**6500**

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

M 1:1



Profil krila		
Art.-Br.	**FT-0148F**	
Težina	kg/m'	**1.393**
Opseg	mm	**389**
Moment inercije	Ix (cm4)	**28.3**
	Iy (cm4)	**5.69**
	Wx (cm3)	**8.18**
	Wy (cm3)	**1.82**
Dužina isporuke	mm	**6500**

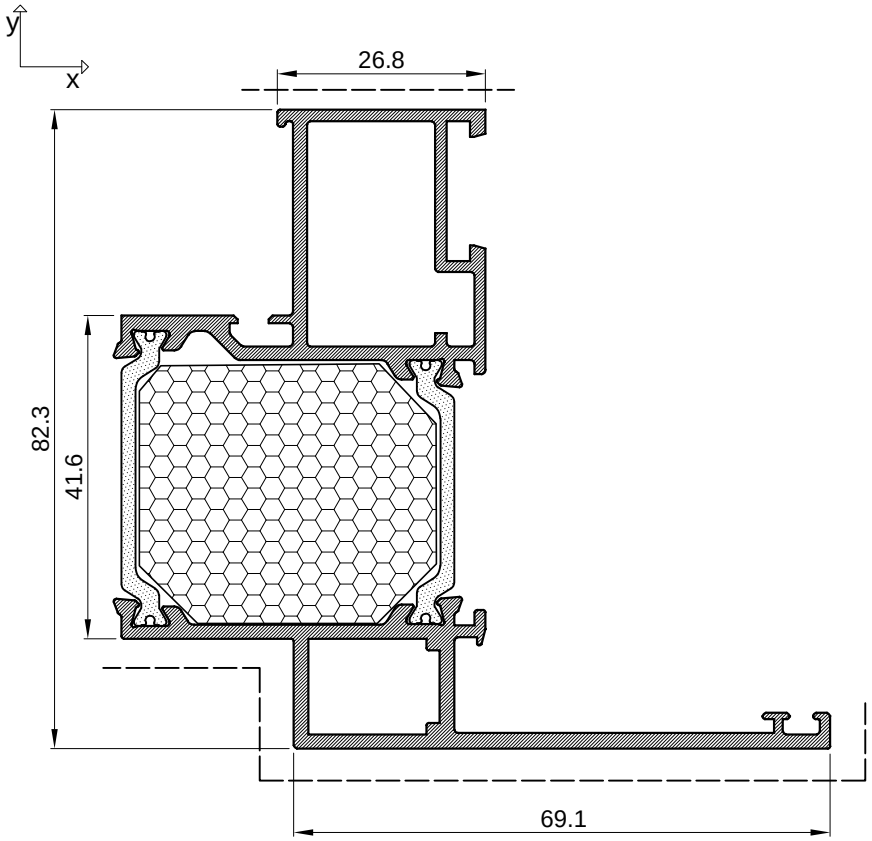


Profil krila		
Art.-Br.	**FT-0167F**	
Težina	kg/m'	**1.714**
Opseg	mm	**417**
Moment inercije	Ix (cm4)	**34.21**
	Iy (cm4)	**12.11**
	Wx (cm3)	**8.79**
	Wy (cm3)	**3.44**
Dužina isporuke	mm	**6500**

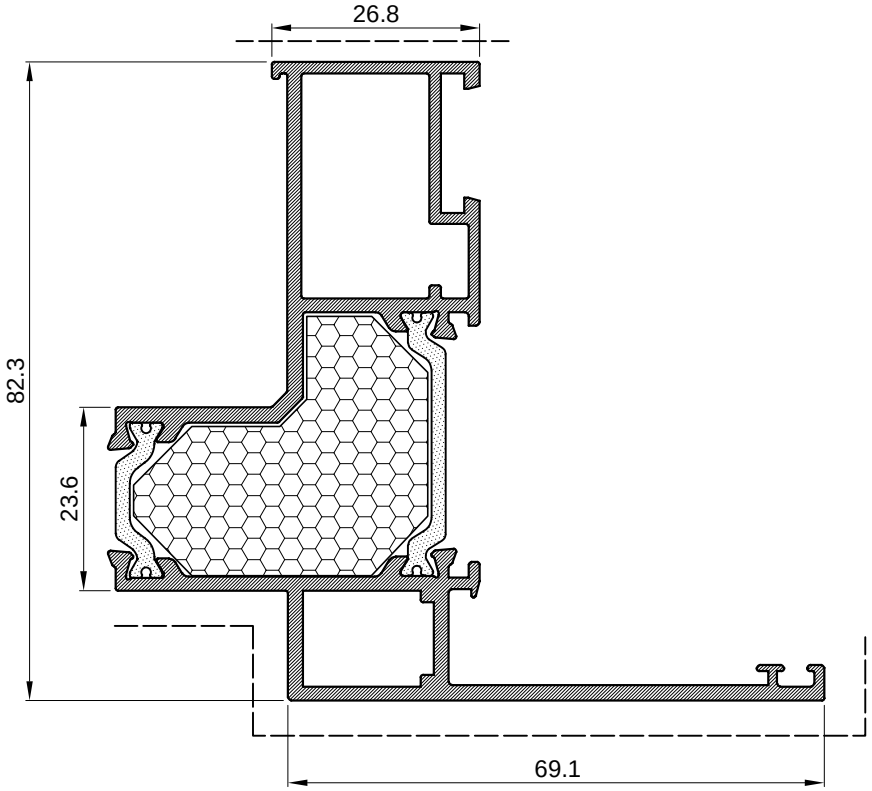
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1



Ram za skriveno krilo Frame for hidden sash		
Art.Br. Art.Nr.	**FT-0187F**	
Težina Weight	kg/m'	**1.78**
Opseg Perimeter	mm	**441**
Moment inercije Moments of inertia	Ix (cm4)	**35.39**
	Iy (cm4)	**24.56**
	Wx (cm3)	**9.88**
	Wy (cm3)	**4.41**
L	mm	**6500**



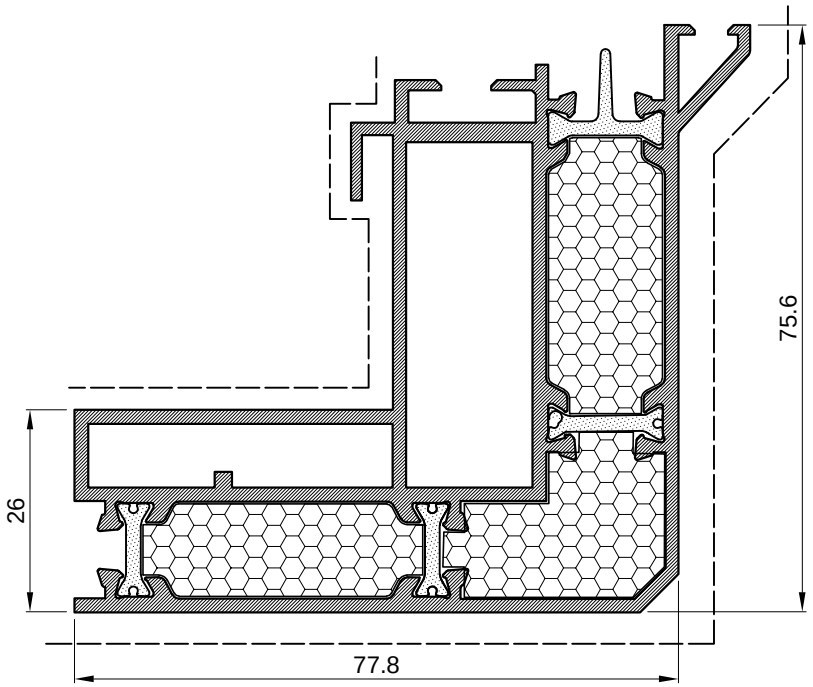
Ram za skriveno krilo Frame for hidden sash		
Art.Br. Art.Nr.	**FT-0188F**	
Težina Weight	kg/m'	**1.79**
Opseg Perimeter	mm	**426**
Moment inercije Moments of inertia	Ix (cm4)	**34.83**
	Iy (cm4)	**24.67**
	Wx (cm3)	**9.17**
	Wy (cm3)	**4.4**
L	mm	**6500**

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

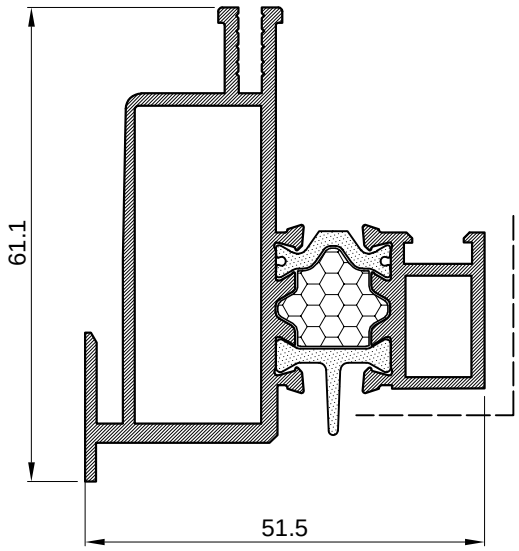
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1





Ram krovnog prozora Roof window frame		
Art.Br. Art.Nr.	**FT-0125F**	
Težina Weight	kg/m'	**2.48**
Opseg Perimeter	mm	**439.00**
Moment inercije Moments of inertia	Ix (cm4)	**46.02**
	Iy (cm4)	**48.60**
	Wx (cm3)	**10.36**
	Wy (cm3)	**10.37**
L	mm	**6500**



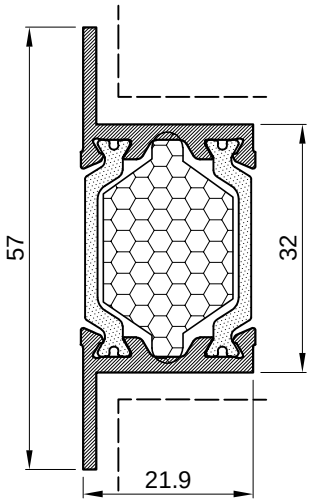
Krilo krovnog prozora Roof window sash		
Art.Br. Art.Nr.	**FT-0124F**	
Težina Weight	kg/m'	**1.32**
Opseg Perimeter	mm	**305.00**
Moment inercije Moments of inertia	Ix (cm4)	**11.31**
	Iy (cm4)	**9.98**
	Wx (cm3)	**3.23**
	Wy (cm3)	**3.57**
L	mm	**6500**

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

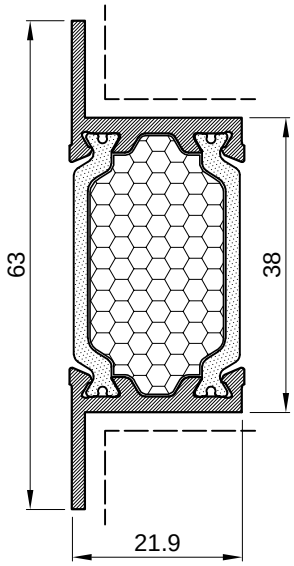
PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1

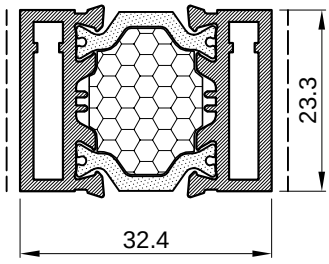




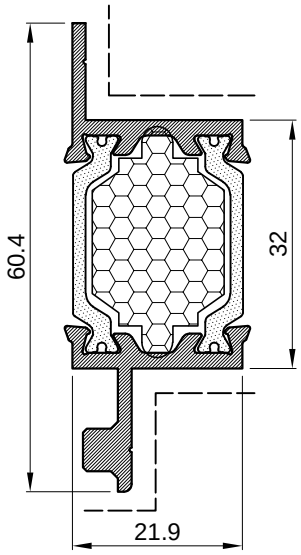
Adapter		
Art.-Br. Art.Nr.	**FT-0150F**	
Težina Weight	kg/m'	**0.65**
Opseg Perimet.	mm	**182.00**
L	mm	**6500**



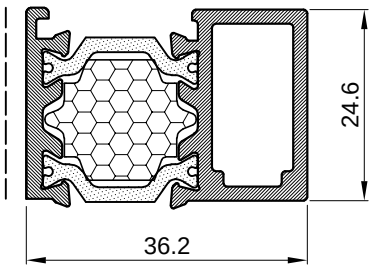
Adapter		
Art.-Br. Art.Nr.	**FT-0150/34F**	
Težina Weight	kg/m'	**0.69**
Opseg Perimet.	mm	**172.90**
L	mm	**6500**



Adapter		
Art.-Br. Art.Nr.	**FT-0192F***	
Težina Weight	kg/m'	**0.76**
Opseg Perimet.	mm	**117.04**
L	mm	**6500**



Adapter		
Art.-Br. Art.Nr.	**FT-0238 HF**	
Težina Weight	kg/m'	**0.67**
Opseg Perimet.	mm	**626.56**
L	mm	**6500**

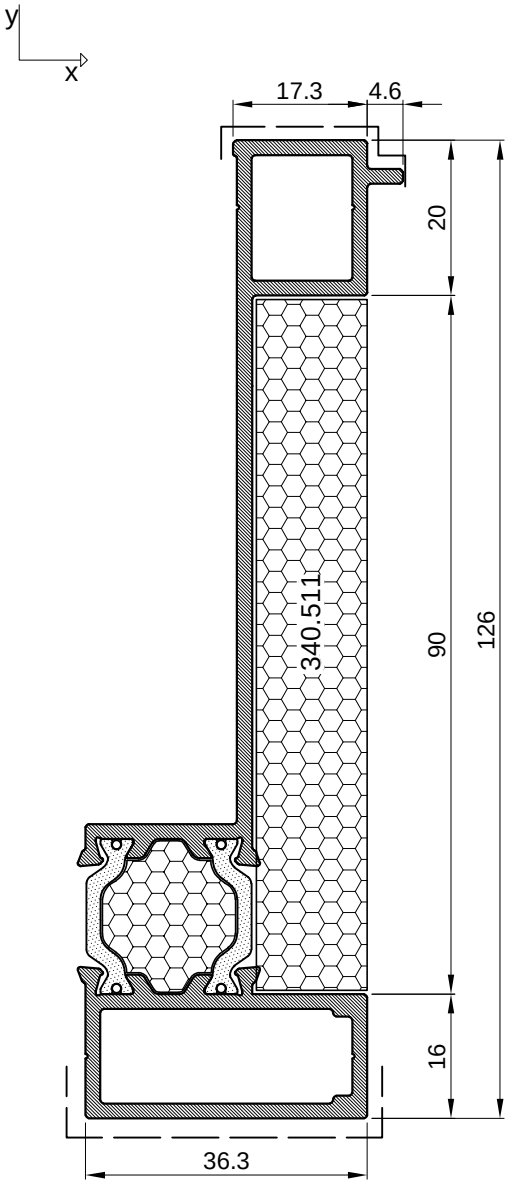


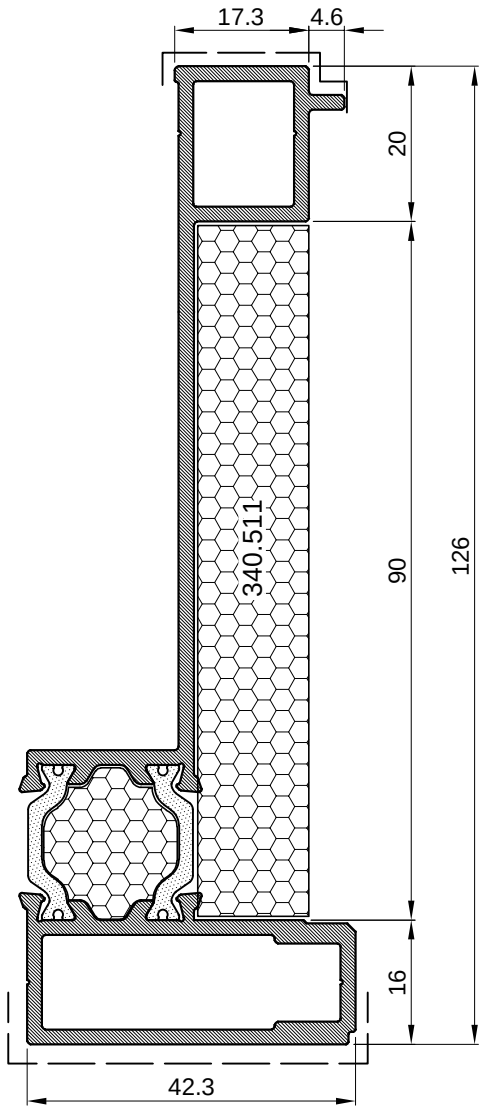
Adapter		
Art.-Br. Art.Nr.	**FT-0193F****	
Težina Weight	kg/m'	**0.76**
Opseg Perimet.	mm	**136.80**
L	mm	**6500**

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

***Stara oznaka** Former mark **(TI-701/18)**
****Stara oznaka** Former mark **(TI-742/753)**

M 1:1



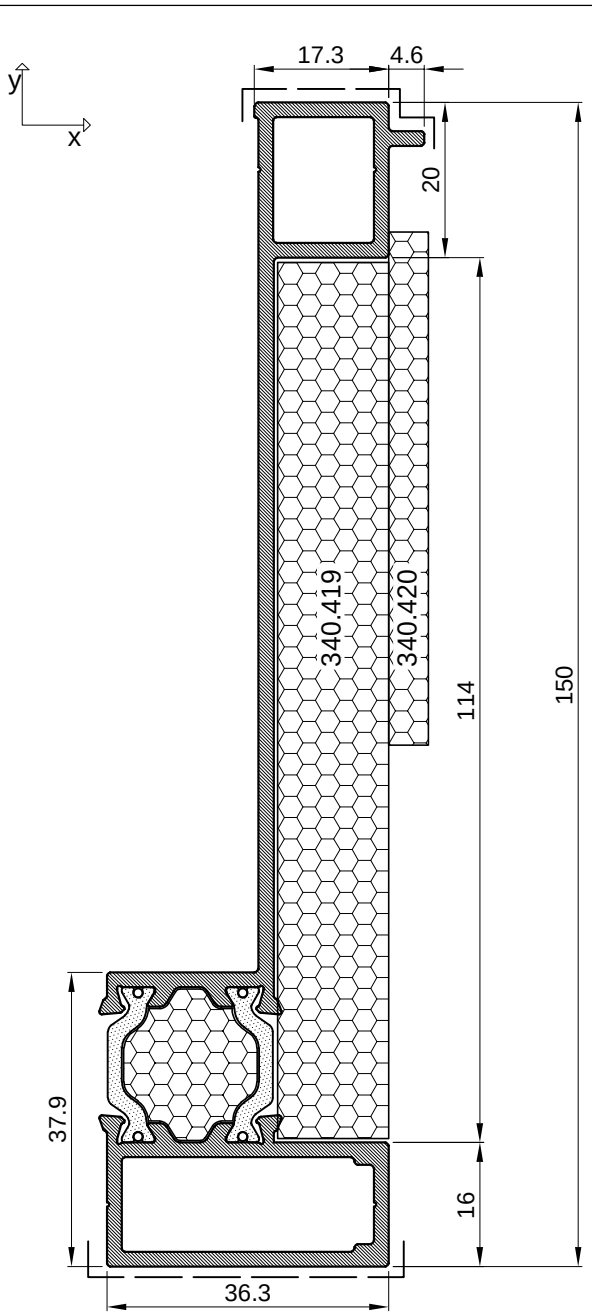


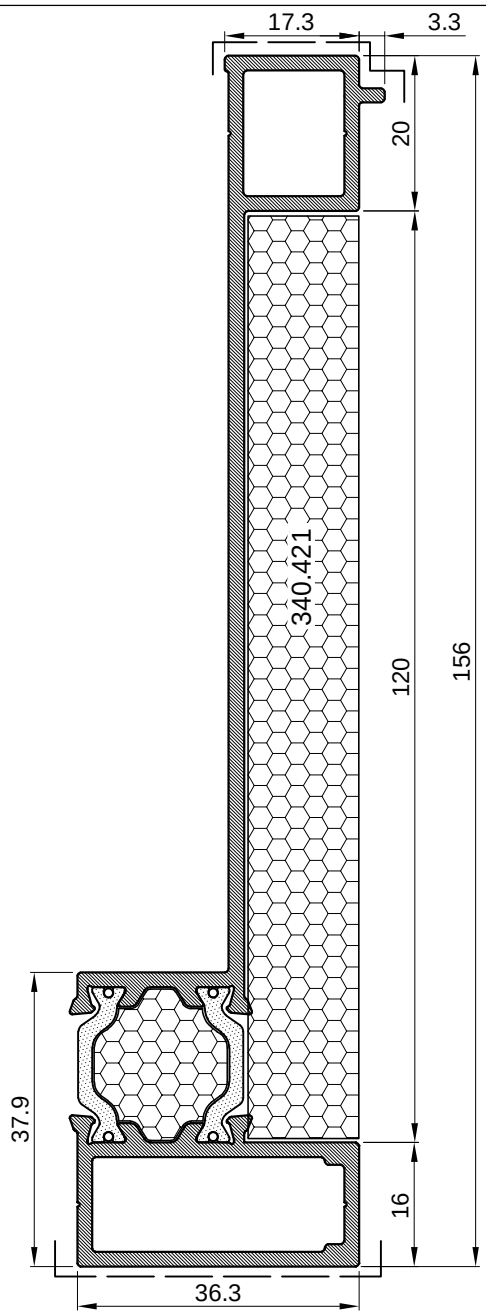
Spojni profil za T120 Connection profile for T120		
Art.Br. Art.Nr.	**FT-1800F**	
Težina Weight	kg/m'	**1.631**
Opseg Perimeter	mm	**373**
Moment inercije Moments of inertia	Ix (cm4)	**109.28**
	Iy (cm4)	**5.98**
	Wx (cm3)	**15.18**
	Wy (cm3)	**2.79**
L	mm	**6500**

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	Ix (cm4)	**115.72**
	Iy (cm4)	**7.35**
	Wx (cm3)	**15.54**
	Wy (cm3)	**3.29**
L	mm	**6500**

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

M 1:1





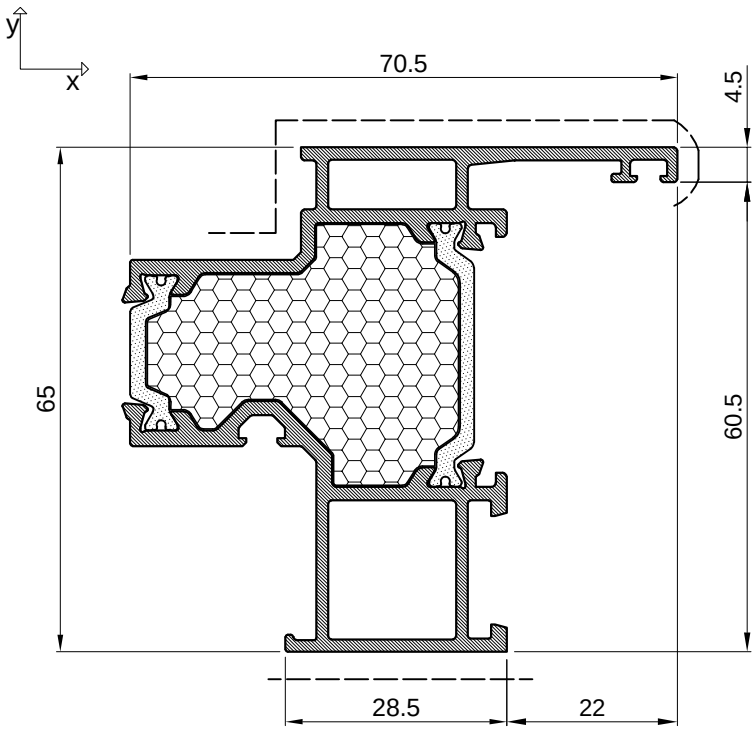
Spojni profil za T150 Connection profile for T150		
Art.Br. Art.Nr.	**FT-0194F**	
Težina Weight	kg/m'	**1.76**
Opseg Perimeter	mm	**427.85**
Moment inercije Moments of inertia	Ix (cm4)	**139.93**
	Iy (cm4)	**5.89**
	Wx (cm3)	**19.97**
	Wy (cm3)	**2.78**
L	mm	**6500**

Spojni profil za 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	Ix (cm4)	**153.59**
	Iy (cm4)	**5.79**
	Wx (cm3)	**20.92**
	Wy (cm3)	**2.74**
L	mm	**6500**

PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA ,,F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

M 1:1

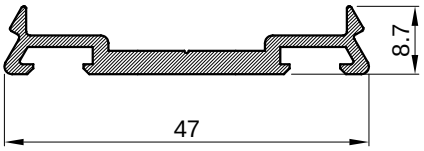


Profil rama-spoj sa fasadom (T65 plus) Curtain wall frame (T65 plus)		
Art.Br. Art.Nr.	**FT-1403F**	
Težina Weight	kg/m'	**1.46**
Opseg Perimeter	mm	**370**
Moment inercije Moments of inertia	Ix (cm4)	**17.57**
	Iy (cm4)	**13.18**
	Wx (cm3)	**6.40**
	Wy (cm3)	**3.35**
L	mm	**6500**

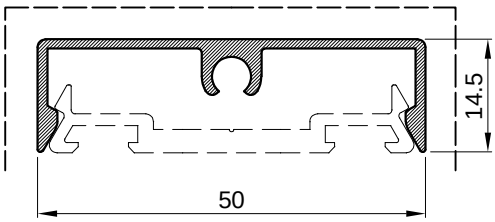
PROFIL BEZ XPS ISPUNE U NAZIVU NEMA NASTAVKA „F"

PROFILES WITHOUT XPS DO NOT HAVE ENDING "F"

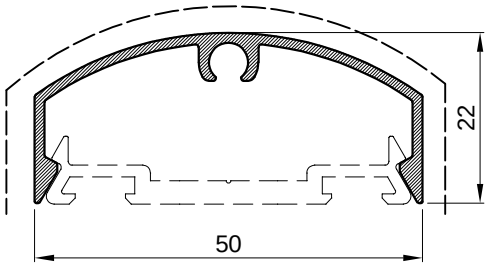
M 1:1



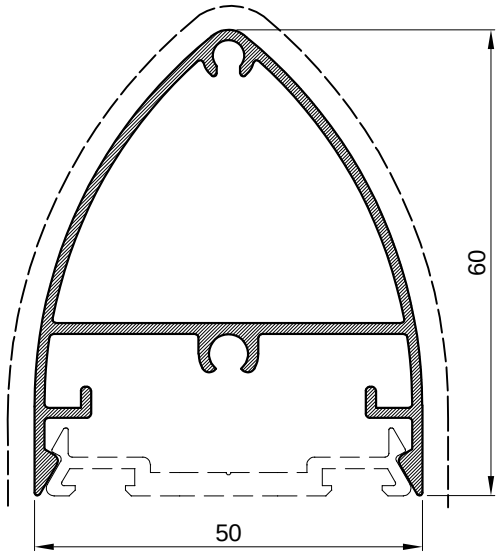
Pritezna lajsna Pressure plate		
Art.Br. Art.Nr.	**FMO 50/8**	
Težina Weight	kg/m'	**0.38**
Opseg Perimeter	mm	**142.00**
L	mm	**6500**



Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/15**	
Težina Weight	kg/m'	**0.34**
Opseg Perimeter	mm	**175.00**
L	mm	**6500**

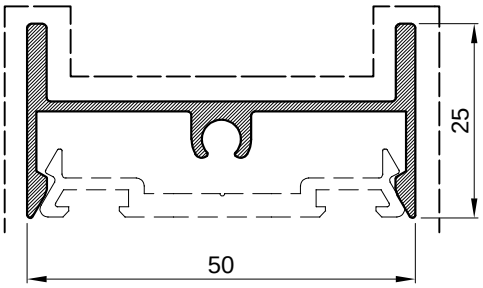


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/22**	
Težina Weight	kg/m'	**0.35**
Opseg Perimeter	mm	**179.70**
L	mm	**6500**

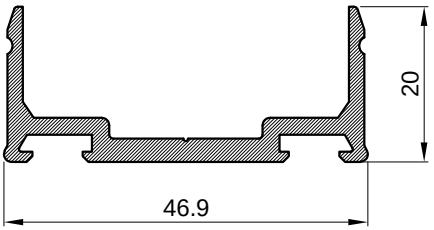


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/60**	
Težina Weight	kg/m'	**0.80**
Opseg Perimeter	mm	**279.00**
L	mm	**6500**

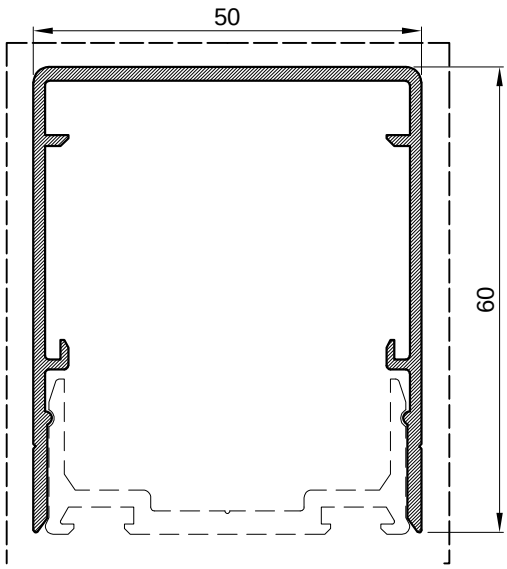
M 1:1



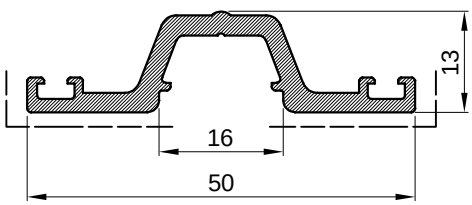
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/25**	
Težina Weight	kg/m'	**0.49**
Opseg Perimeter	mm	**216.9**
L	mm	**6500**



Pritezna lajsna Pressure plate		
Art.Br. Art.Nr.	**FMO-50/20-D**	
Težina Weight	kg/m'	**0.56**
Opseg Perimeter	mm	**184.80**
L	mm	**6500**

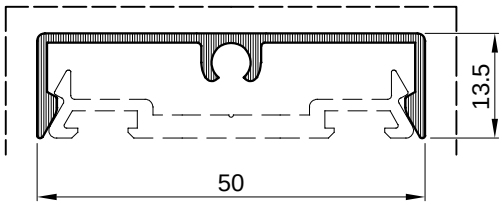


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/61**	
Težina Weight	kg/m'	**0.785**
Opseg Perimeter	mm	**365.55**
L	mm	**6500**

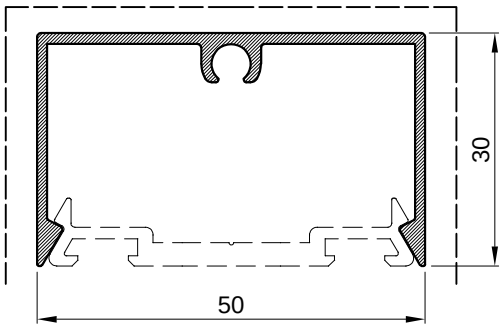


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 50/12**	
Težina Weight	kg/m'	**0.47**
Opseg Perimeter	mm	**159.91**
L	mm	**6500**

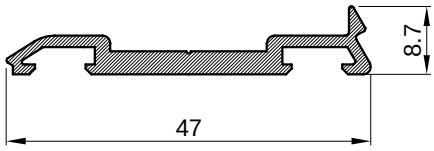
M 1:1



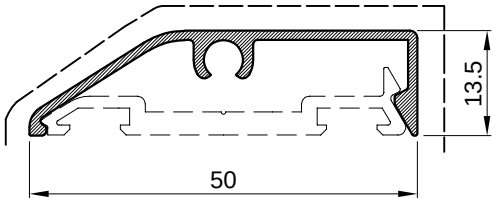
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMV 50/14**	
Težina Weight	kg/m'	**0.30**
Opseg Perimeter	mm	**169.00**
L	mm	**6500**



Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/30**	
Težina Weight	kg/m'	**0.46**
Opseg Perimeter	mm	**236.10**
L	mm	**6500**

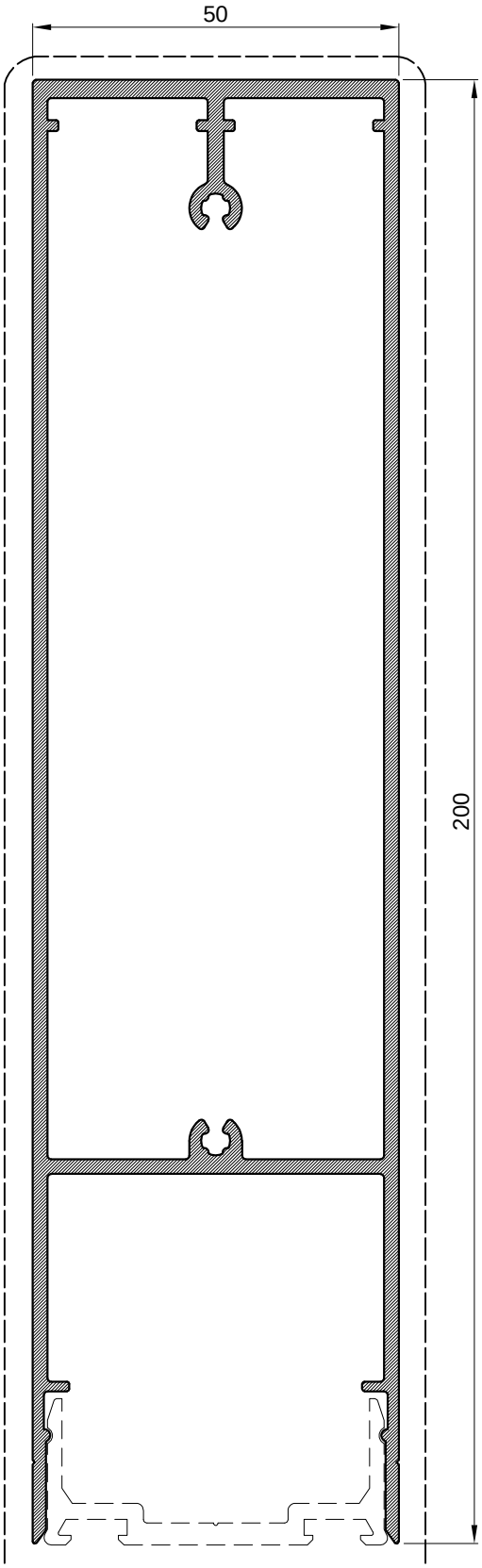


Pritezna lajsna Pressure plate		
Art.Br. Art.Nr.	**FMV 50/8**	
Težina Weight	kg/m'	**0.36**
Opseg Perimeter	mm	**132.5**
L	mm	**6500**



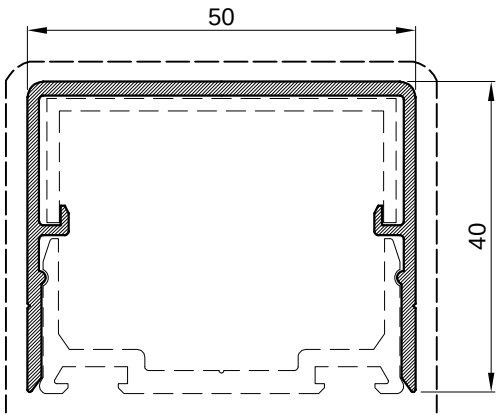
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMV 50/14-K**	
Težina Weight	kg/m'	**0.28**
Opseg Perimeter	mm	**155.00**
L	mm	**6500**

M 1:1

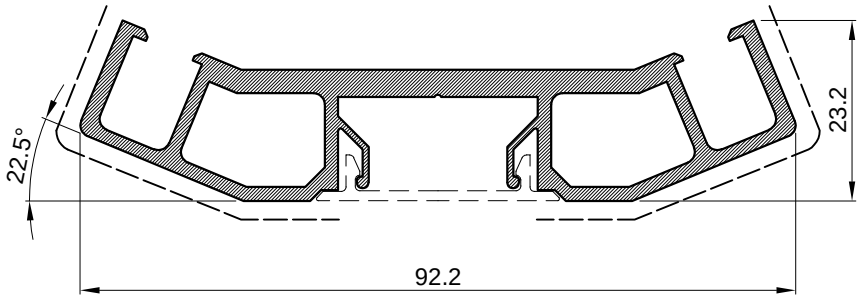


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FPL 50/200**	
Težina Weight	kg/m'	**2.93**
Opseg Perimeter	mm	**611.37**
L	mm	**6500**

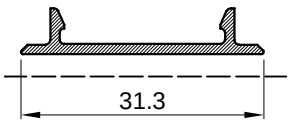
M 1:1



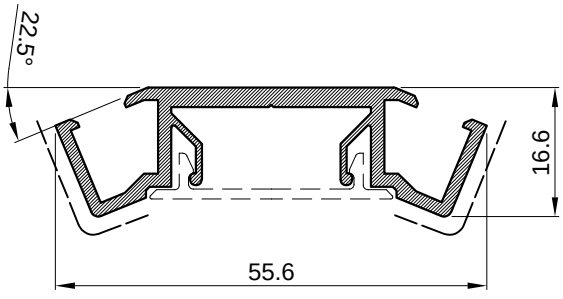
Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM0 50/40**	
Težina Weight	kg/m'	**0.61**
Opseg Perimeter	mm	**277.92**
L	mm	**6500**



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

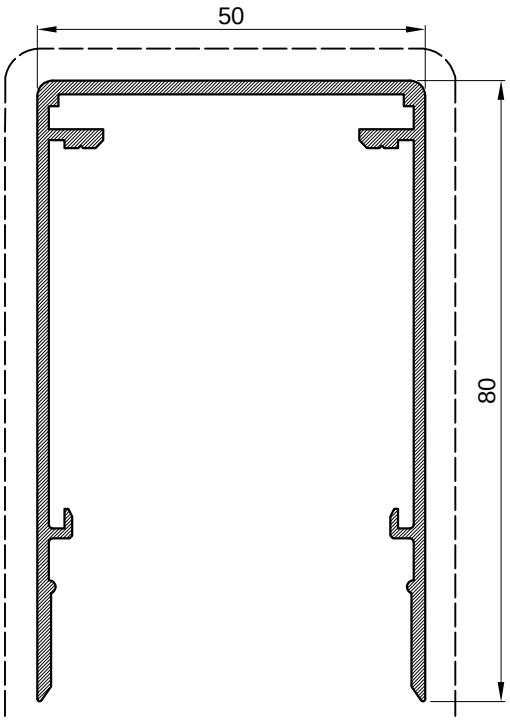


Maska za poklopnu lajsnu Cover cap mask profile		
Art.Br. Art.Nr.	**FMO 135/P**	
Težina Weight	kg/m'	**0.14**
Opseg Perimeter	mm	**83.00**
L	mm	**6500**

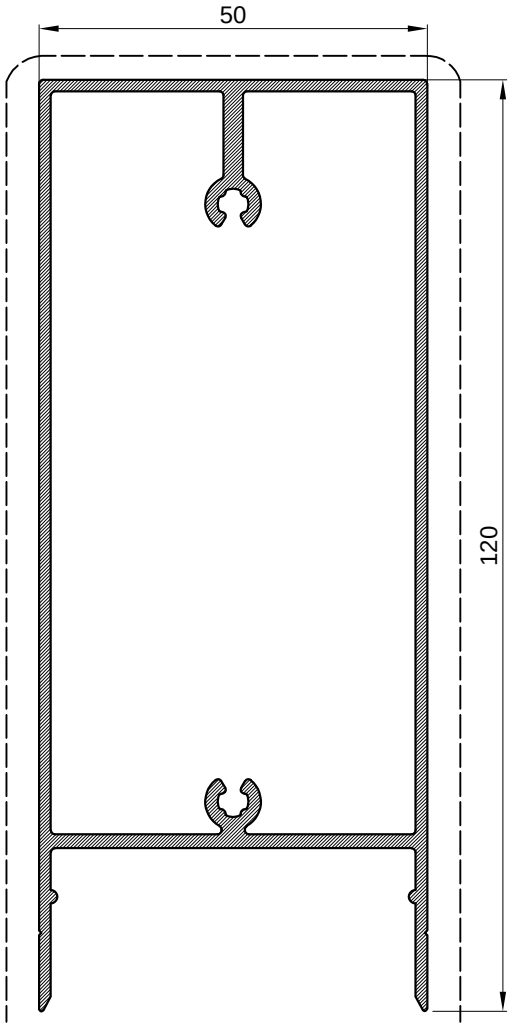


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 60/L135**	
Težina Weight	kg/m'	**0.57**
Opseg Perimeter	mm	**250.107**
L	mm	**6500**

M 1:1

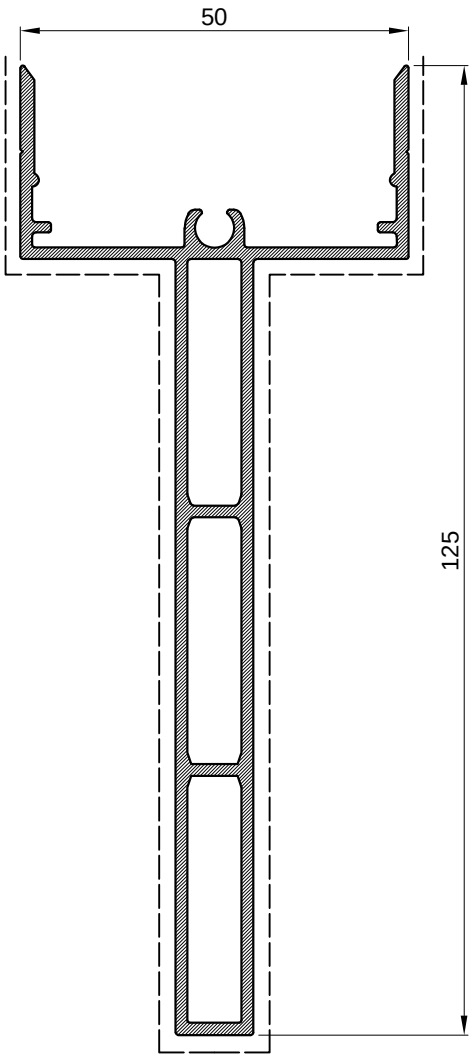


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM0 50/80**	
Težina Weight	kg/m'	**1.02**
Opseg Perimeter	mm	**465.96**
L	mm	**6500**

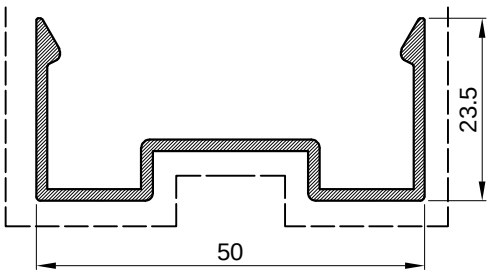


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 50/120**	
Težina Weight	kg/m'	**1.61**
Opseg Perimeter	mm	**381.85**
L	mm	**6500**

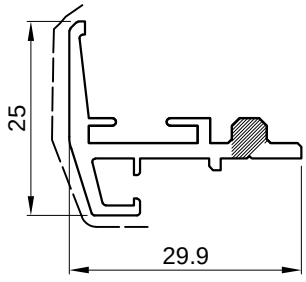
M 1:1



Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 50/125**	
Težina Weight	kg/m'	**1.38**
Opseg Perimeter	mm	**422.17**
L	mm	**6500**

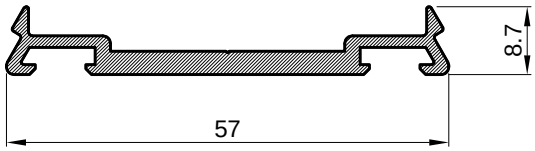


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 50/23**	
Težina Weight	kg/m'	**0.44**
Opseg Perimeter	mm	**215.76**
L	mm	**6500**

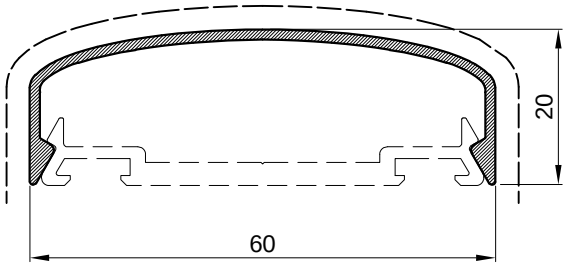


Lajsna Glazing bead		
Art.Br. Art.Nr.	**FM 30/20**	
Težina Weight	kg/m'	**0.38**
Opseg Perimeter	mm	**151.00**
L	mm	**6500**

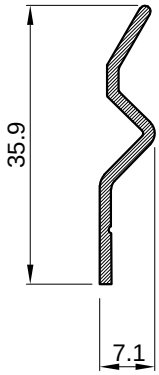
M 1:1



Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 57/8**	
Težina Weight	kg/m'	**0.456**
Opseg Perimeter	mm	**162.00**
L	mm	**6500**

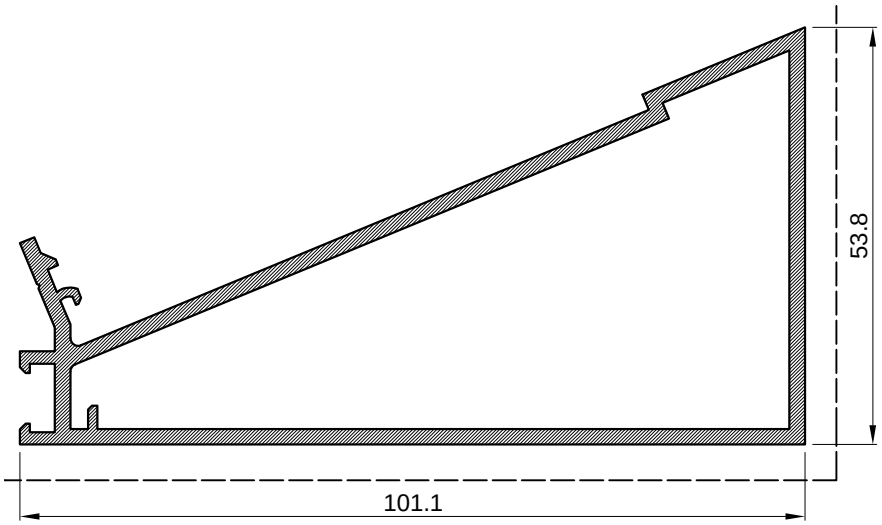


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FM 60/20**	
Težina Weight	kg/m'	**0.337**
Opseg Perimeter	mm	**178.93**
L	mm	**6500**

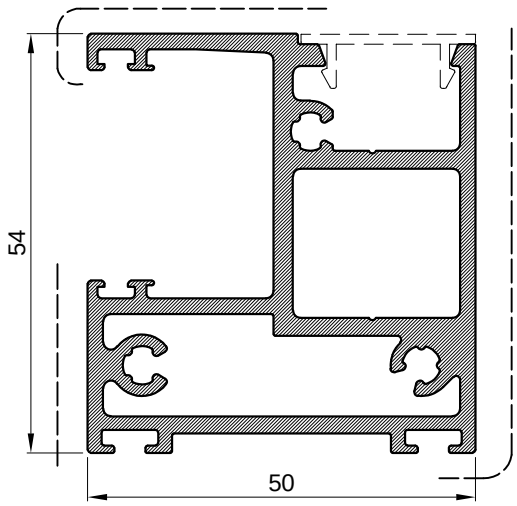


Profil umetka Insertion profile		
Art.Br. Art.Nr.	**F-1556**	
Težina Weight	kg/m'	**0.164**
Opseg Perimeter	mm	**85**
L	mm	**6500**

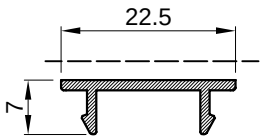
M 1:1



Umetak okomice za fasadu pod kutem Mullion insert for curved facade		
Art.Br. Art.Nr.	**FMO 60/0135**	
Težina Weight	kg/m'	**1.57**
Opseg Perimeter	mm	**330.069**
L	mm	**6500**

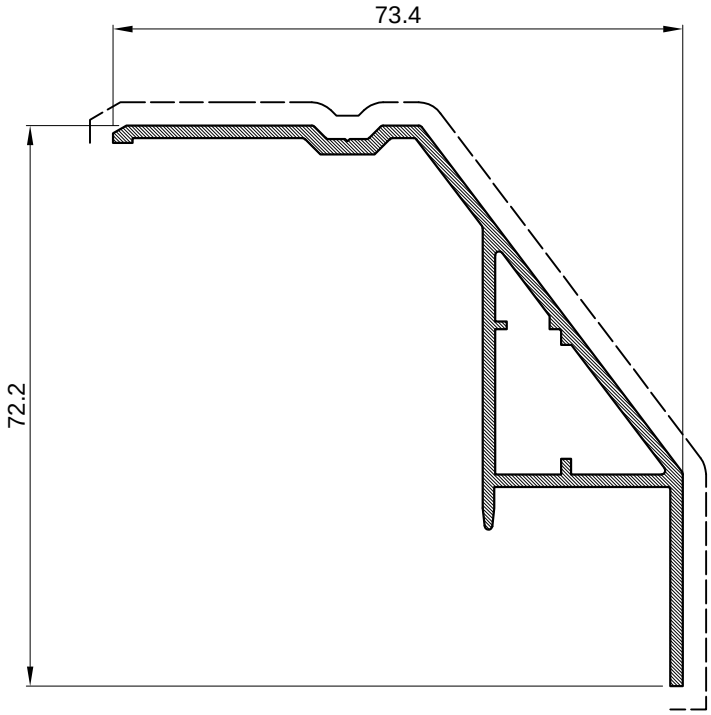


Profil francuskog balkona French balcony profile		
Art.Br. Art.Nr.	**F-1569**	
Težina Weight	kg/m'	**1.78**
Opseg Perimeter	mm	**357.20**
L	mm	**6500**

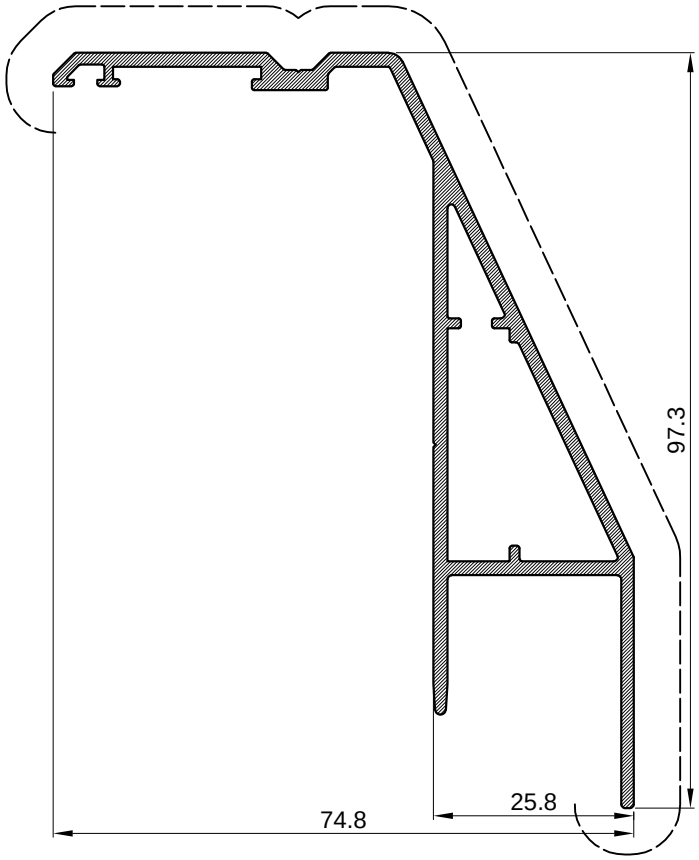


Pokrivni profil Cover profile		
Art.Br. Art.Nr.	**F-0826**	
Težina Weight	kg/m'	**0.18**
Opseg Perimeter	mm	**70.29**
L	mm	**6500**

M 1:1

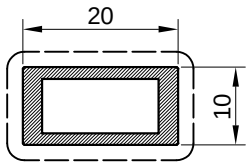


Lasjna krovnog prozora Roof window glazing bead		
Art.Br. Art.Nr.	**F-0796**	
Težina Weight	kg/m'	**0.81**
Opseg Perimeter	mm	**277.00**
L	mm	**6500**

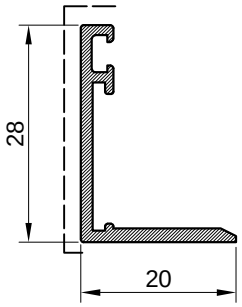


Lajsna krovnog prozora Roof window glazing bead		
Art.Br. Art.Nr.	**F-1572**	
Težina Weight	kg/m'	**1.22**
Opseg Perimeter	mm	**372.40**
L	mm	**6500**

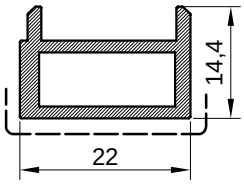
M 1:1



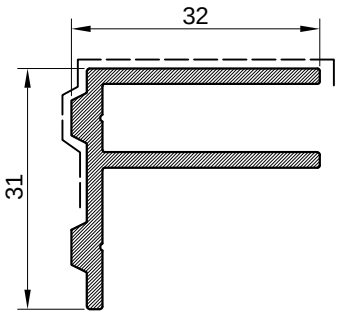
Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	**F-1564**	
Težina Weight	kg/m'	**0.26**
Opseg Perimeter	mm	**59.66**
L	mm	**6500**



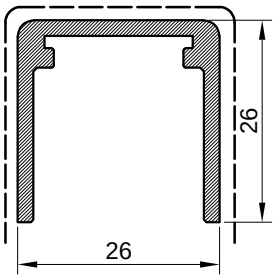
Unutarnja maska Interior mask profile		
Art.Br. Art.Nr.	**F-1558**	
Težina Weight	kg/m'	**0.23**
Opseg Perimeter	mm	**113.00**
L	mm	**6500**



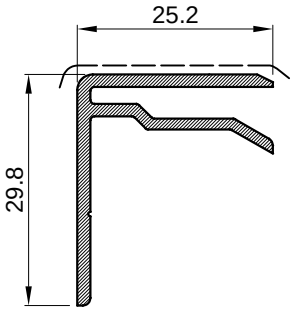
Umetak za otvore Insert for openings		
Art.Br. Art.Nr.	**F-1566**	
Težina Weight	kg/m'	**0.30**
Opseg Perimeter	mm	**79.96**
L	mm	**6500**



Umetak za ugradnju u fasadu 50 FS Installation insert in facade 50 FS		
Art.Br. Art.Nr.	**F-1559**	
Težina Weight	kg/m'	**0.53**
Opseg Perimeter	mm	**182.16**
L	mm	**6500**

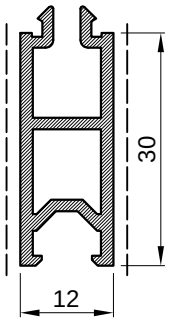


Profil rukohvata fr. balkona Handrail for french balcony		
Art.Br. Art.Nr.	**F-1437**	
Težina Weight	kg/m'	**0.45**
Opseg Perimeter	mm	**153.63**
L	mm	**6500**

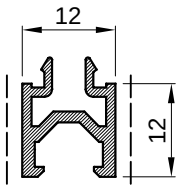


Profil spoja sa zidom Wall connection profile		
Art.Br. Art.Nr.	**F-0895**	
Težina Weight	kg/m'	**0.33**
Opseg Perimeter	mm	**157.55**
L	mm	**6500**

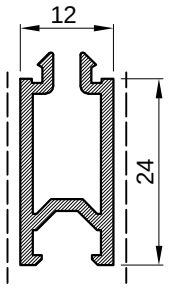
M 1:1



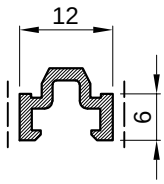
Al. umetak 30 mm Al. insert 30 mm		
Art.Br. Art.Nr.	**FM 30/12**	
Težina Weight	kg/m'	**0.39**
Opseg Perimeter	mm	**145.60**
L	mm	**6500**



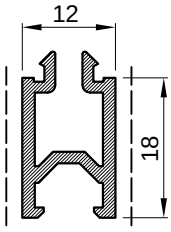
Al. umetak 12 mm Al. insert 12 mm		
Art.Br. Art.Nr.	**FM 12/12**	
Težina Weight	kg/m'	**0.18**
Opseg Perimeter	mm	**100.16**
L	mm	**6500**



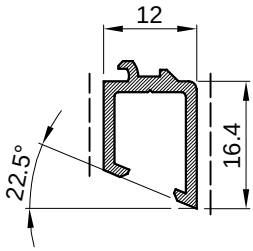
Al. umetak 24 mm Al. insert 24 mm		
Art.Br. Art.Nr.	**FM 24/12**	
Težina Weight	kg/m'	**0.31**
Opseg Perimeter	mm	**148.30**
L	mm	**6500**



Al. umetak 6 mm Al. insert 6 mm		
Art.Br. Art.Nr.	**FM 6/12**	
Težina Weight	kg/m'	**0.12**
Opseg Perimeter	mm	**61.00**
L	mm	**6500**

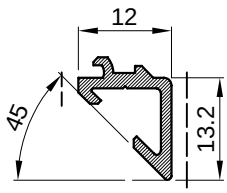


Al. umetak 18 mm Al. insert 18 mm		
Art.Br. Art.Nr.	**FM 18/12**	
Težina Weight	kg/m'	**0.25**
Opseg Perimeter	mm	**124.00**
L	mm	**6500**

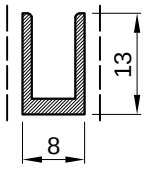


Al. kutni umetak 16.4 mm Al. angle insert 16,4 mm		
Art.Br. Art.Nr.	**F 0857**	
Težina Weight	kg/m'	**0.17**
Opseg Perimeter	mm	**90.00**
L	mm	**6500**

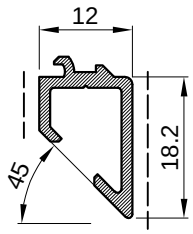
M 1:1



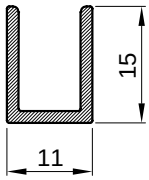
Al. kutni umetak 13.2 mm Al. angle insert 13,2 mm		
Art.Br. Art.Nr.	**F-0856**	
Težina Weight	kg/m'	**0.14**
Opseg Perimeter	mm	**69.48**
L	mm	**6500**



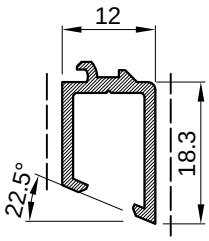
Al profil 13x8 Al profile 13x8		
Art.Br. Art.Nr.	**F-0779**	
Težina Weight	kg/m'	**0.12**
Opseg Perimeter	mm	**63.60**
L	mm	**6500**



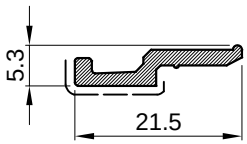
Al. kutni umetak 18.2 mm Al. angle insert 18,2 mm		
Art.Br. Art.Nr.	**F-0856/50**	
Težina Weight	kg/m'	**0.18**
Opseg Perimeter	mm	**90.00**
L	mm	**6500**



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**

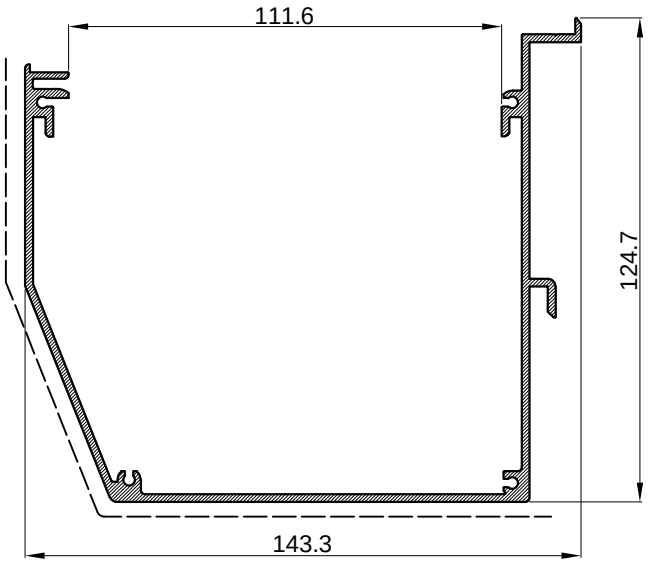


Al. kutni umetak 18.3 mm Al. angle insert 18,3 mm		
Art.Br. Art.Nr.	**F-0857/50**	
Težina Weight	kg/m'	**0.19**
Opseg Perimeter	mm	**98.00**
L	mm	**6500**

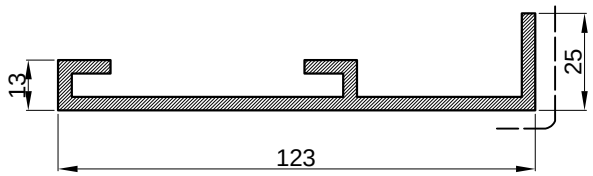


Staklolajsna Glazing bead		
Art.Br. Art.Nr.	**F-0807**	
Težina Weight	kg/m'	**0.13**
Opseg Perimeter	mm	**54.34**
L	mm	**6500**

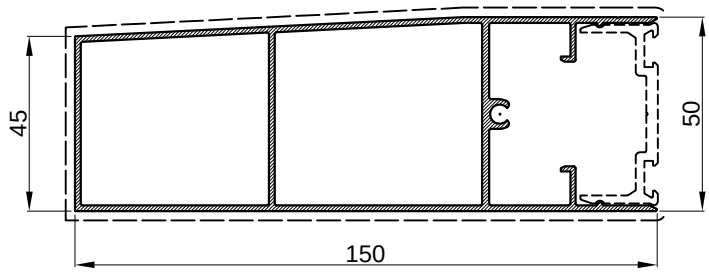
M 1:2



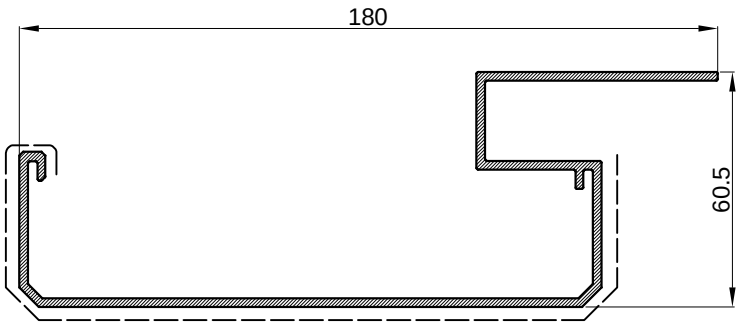
Profil oluka Gutter profile		
Art.Br. Art.Nr.	**F-0819**	
Težina Weight	kg/m'	**2.38**
Opseg Perimeter	mm	**847.028**
L	mm	**6500**



Nosač oluka Gutter support		
Art.Br. Art.Nr.	**F-0270/A**	
Težina Weight	kg/m'	**1.73**
Opseg Perimeter	mm	**437.00**
L	mm	**6500**

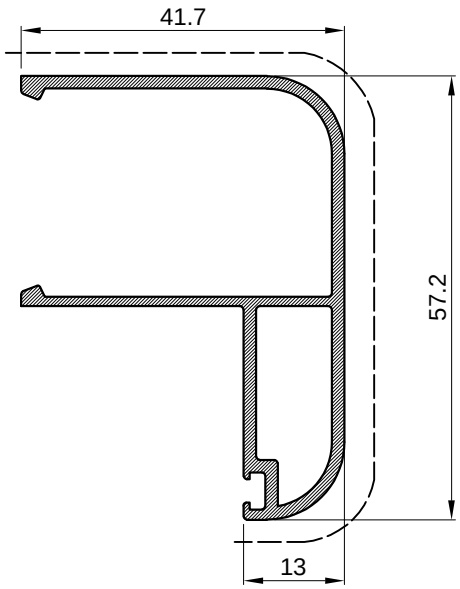


Poklopna lajsna Cover cap		
Art.Br. Art.Nr.	**FMO 50/150**	
Težina Weight	kg/m'	**1.93**
Opseg Perimeter	mm	**547.90**
L	mm	**6500**

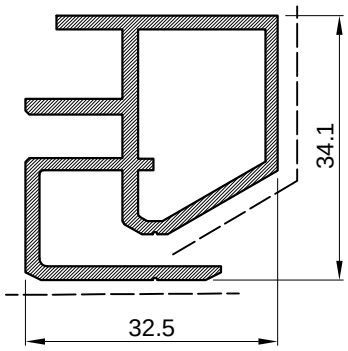


Profil oluka Gutter profile		
Art.Br. Art.Nr.	**F-1159**	
Težina Weight	kg/m'	**2.05**
Opseg Perimeter	mm	**691.03**
L	mm	**6500**

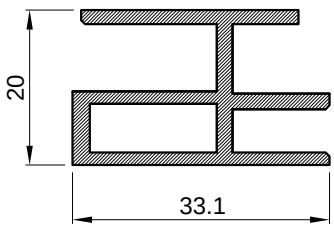
M 1:1



Profil za spoj knaufa Profile for drywall connection		
Art.Br. Art.Nr.	**F-0748**	
Težina Weight	kg/m'	**0.71**
Opseg Perimeter	mm	**276.60**
L	mm	**6500**

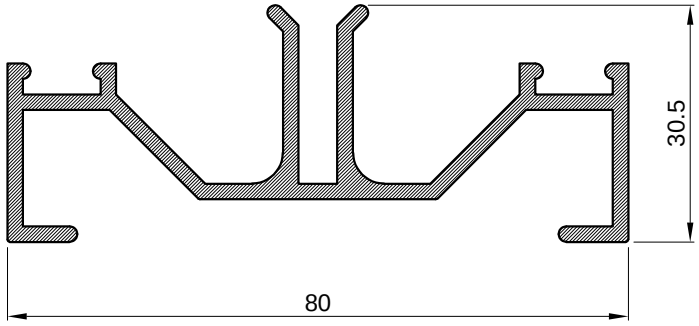


Profil za prihvat panela Panel holder		
Art.Br. Art.Nr.	**F-0854**	
Težina Weight	kg/m'	**0.75**
Opseg Perimeter	mm	**229.32**
L	mm	**6500**

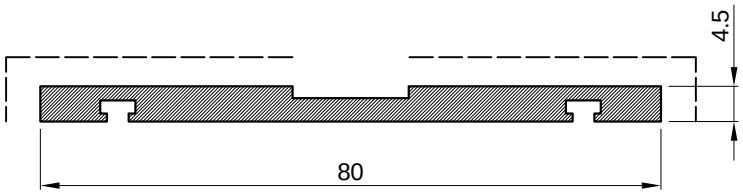


Parapetni profil Spandrel profile		
Art.Br. Art.Nr.	**F-0855**	
Težina Weight	kg/m'	**0.55**
Opseg Perimeter	mm	**182.22**
L	mm	**6500**

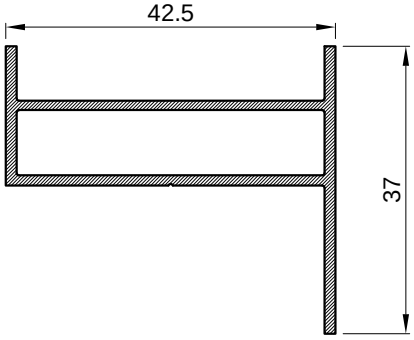
M 1:1



Profil za atiku Attic profile		
Art.Br. Art.Nr.	**061045**	
Težina Weight	kg/m'	**1.03**
Opseg Perimeter	mm	**403.80**
L	mm	**6500**

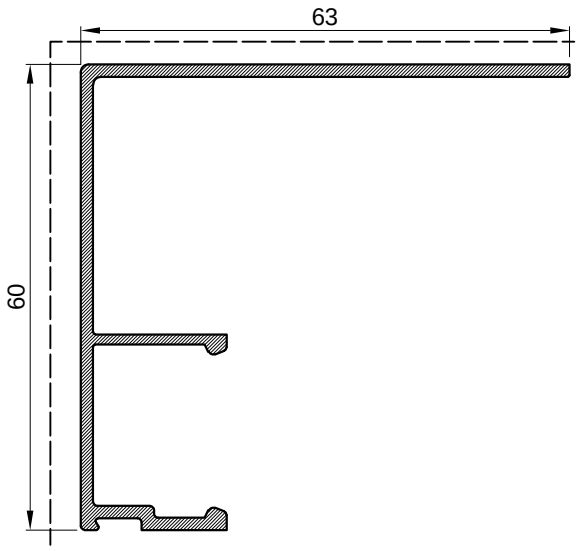


Profil za atiku Attic profile		
Art.Br. Art.Nr.	**060807**	
Težina Weight	kg/m'	**0.85**
Opseg Perimeter	mm	**186.00**
L	mm	**6500**

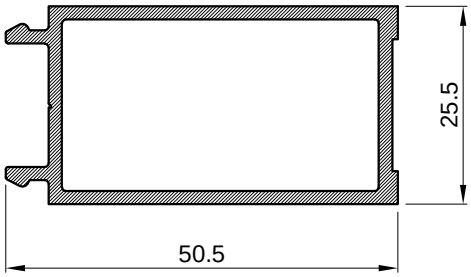


Parapetni profil Spandrel profile		
Art.Br. Art.Nr.	**F-1127**	
Težina Weight	kg/m'	**0.48**
Opseg Perimeter	mm	**172.79**
L	mm	**6500**

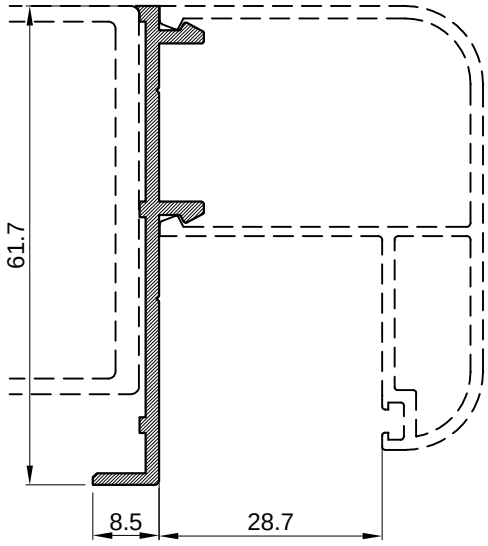
M 1:1



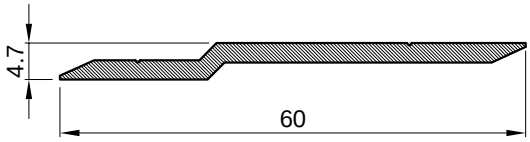
Poklopna lajsna motora za otvaranje Opening motor cover cap		
Art.Br. Art.Nr.	**F-1128**	
Težina Weight	kg/m'	**0.68**
Opseg Perimeter	mm	**318.66**
L	mm	**6500**



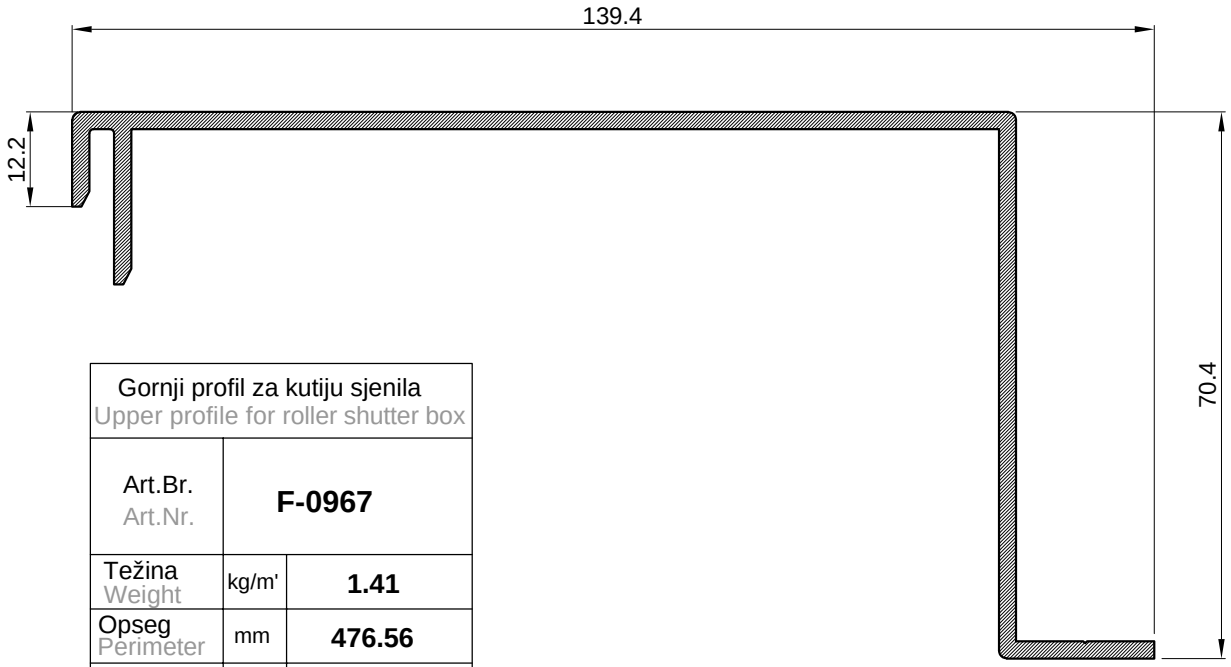
Držač motora za otvaranje Opening motor support		
Art.Br. Art.Nr.	**F-1129**	
Težina Weight	kg/m'	**0.69**
Opseg Perimeter	mm	**164.62**
L	mm	**6500**



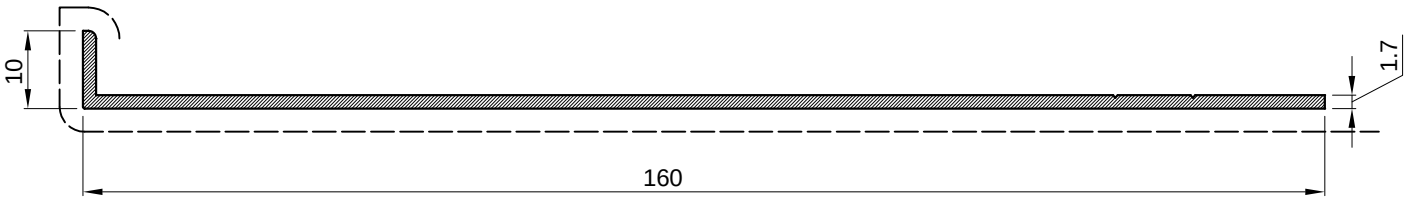
Držač profila Pressure plate		
Art.Br. Art.Nr.	**F-0746**	
Težina Weight	kg/m'	**0.39**
Opseg Perimeter	mm	**170.15**
L	mm	**6500**



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



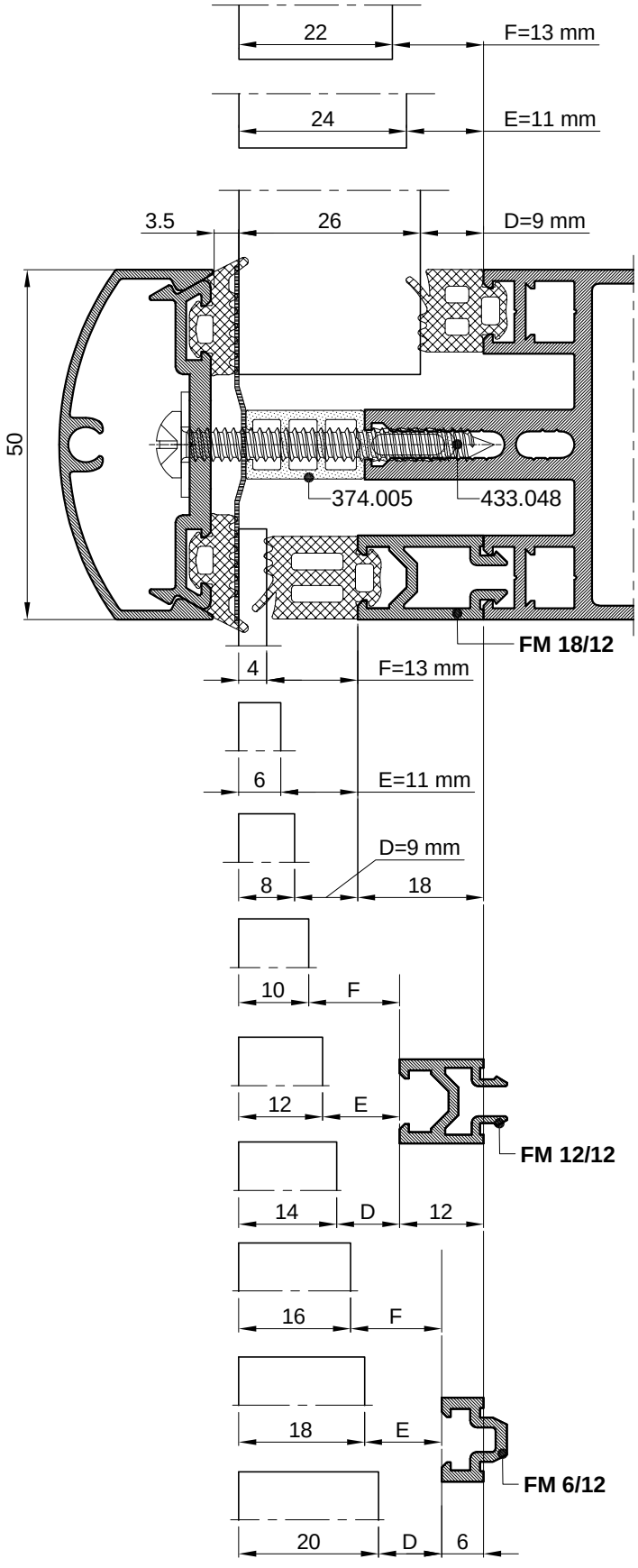
Gornji profil za kutiju sjenila Upper profile for roller shutter box		
Art.Br. Art.Nr.	**F-0967**	
Težina Weight	kg/m'	**1.41**
Opseg Perimeter	mm	**476.56**
L	mm	**6500**



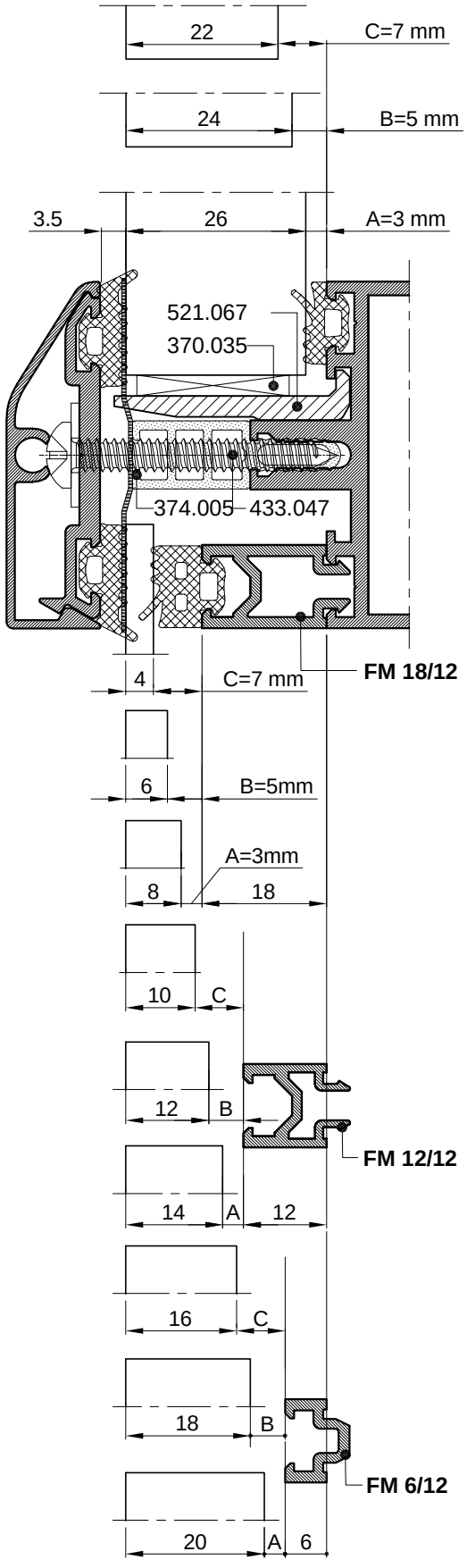
Bočni profil za kutiju sjenila Side profile for roller shutter box		
Art.Br. Art.Nr.	**F-0968**	
Težina Weight	kg/m'	**0.77**
Opseg Perimeter	mm	**339.99**
L	mm	**6500**

Prikaz stakljenja
Glazing

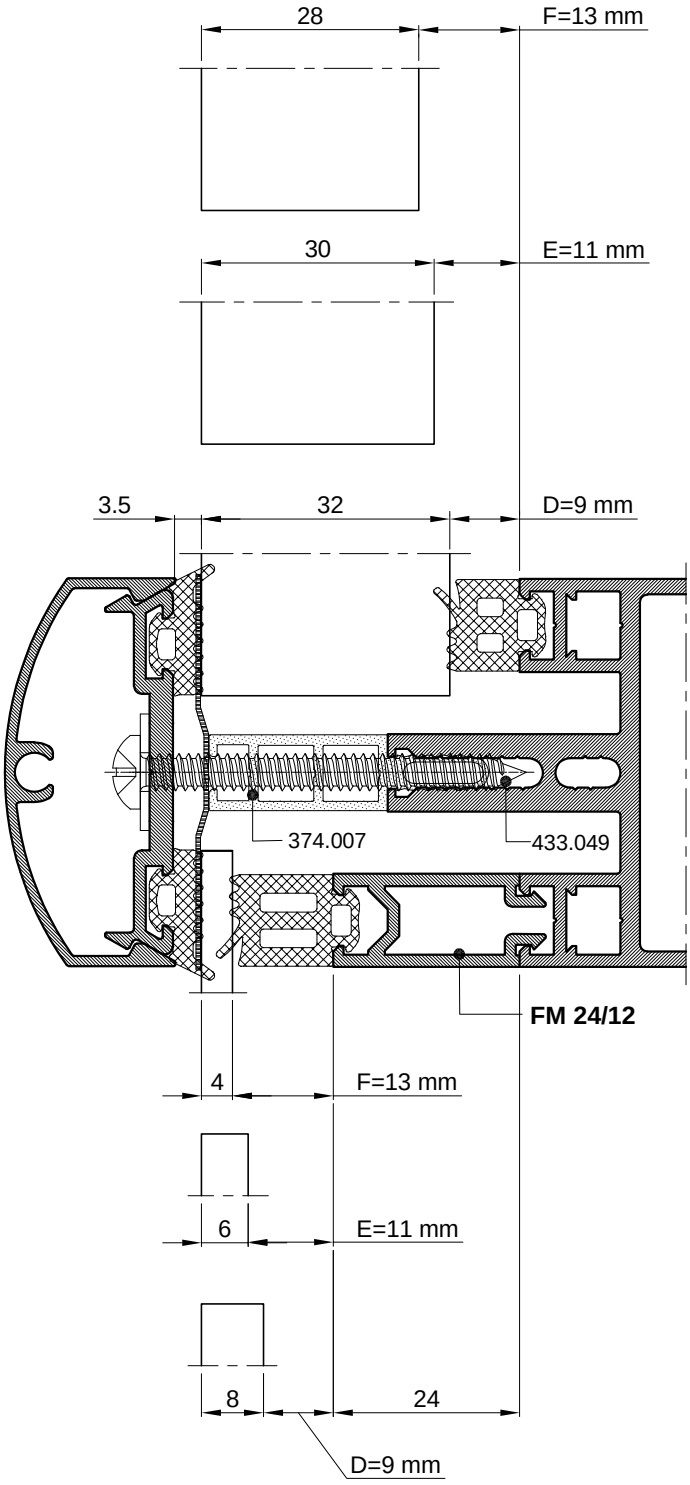
Okomica
Mullion



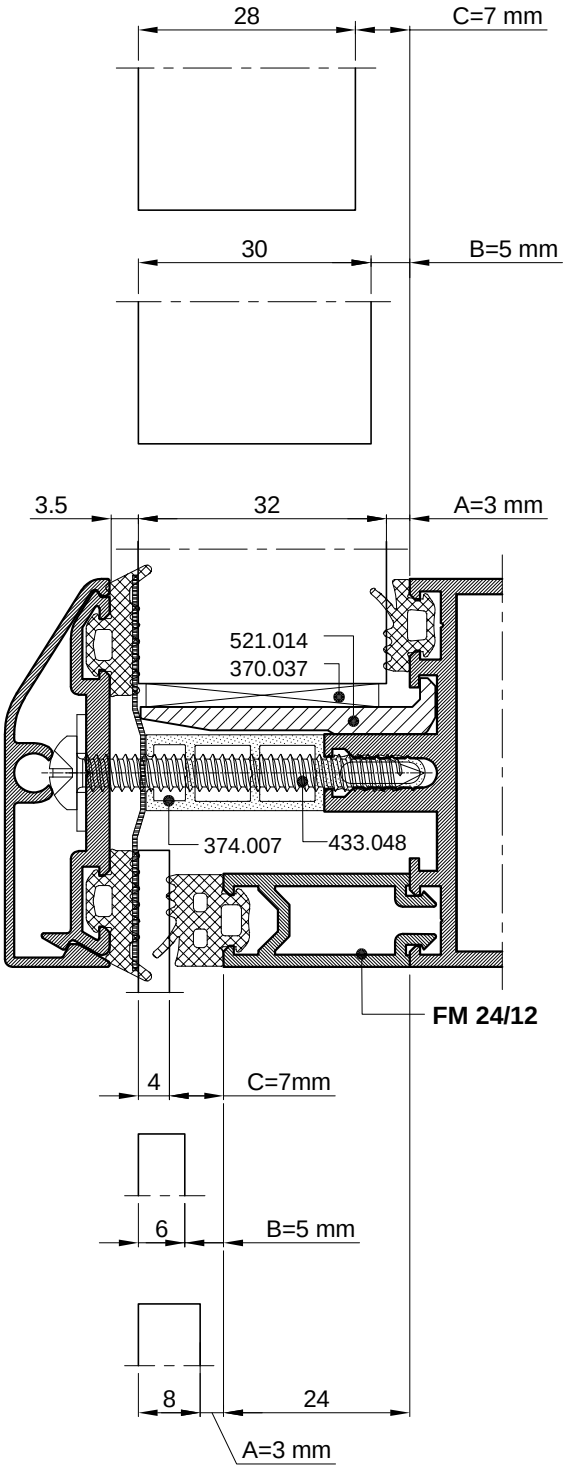
Vodoravnica
Transom



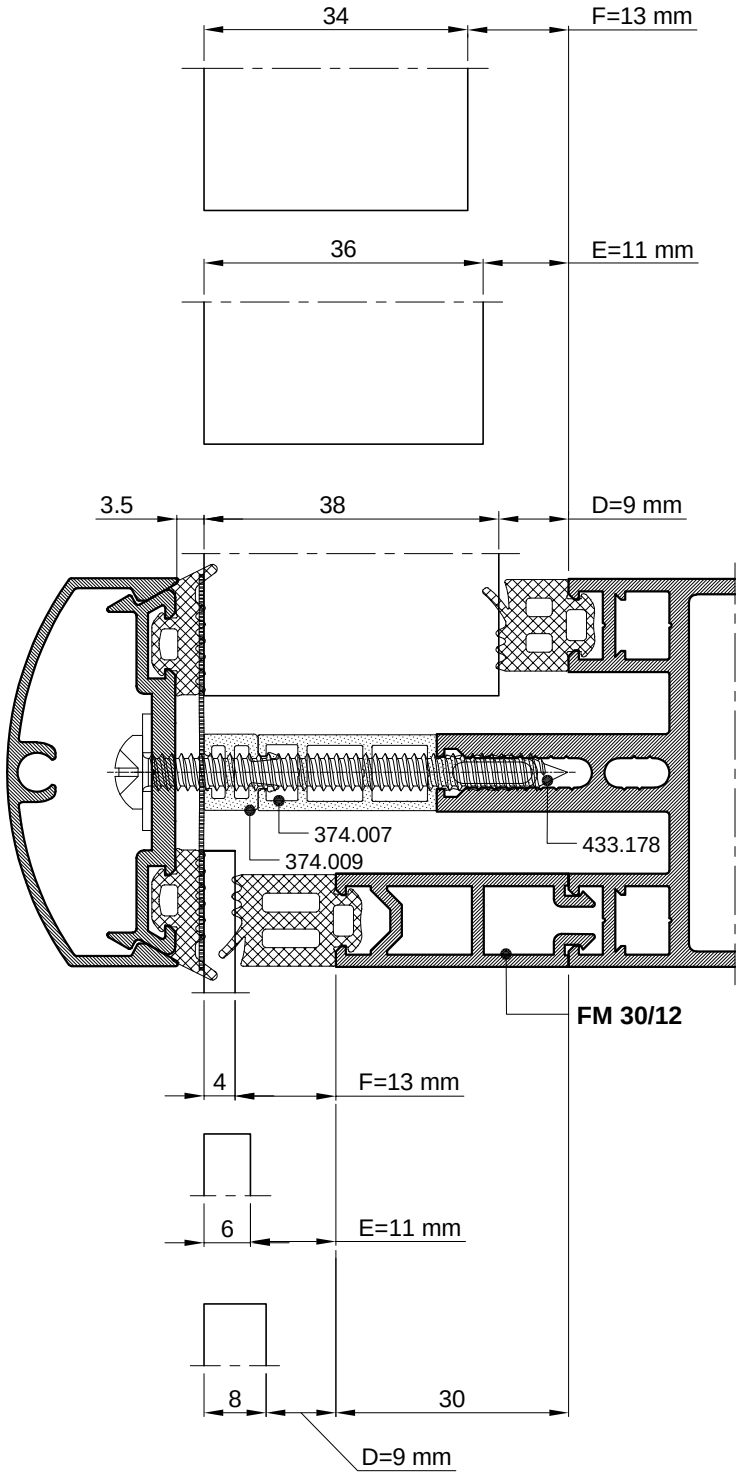
Okomica
Mullion



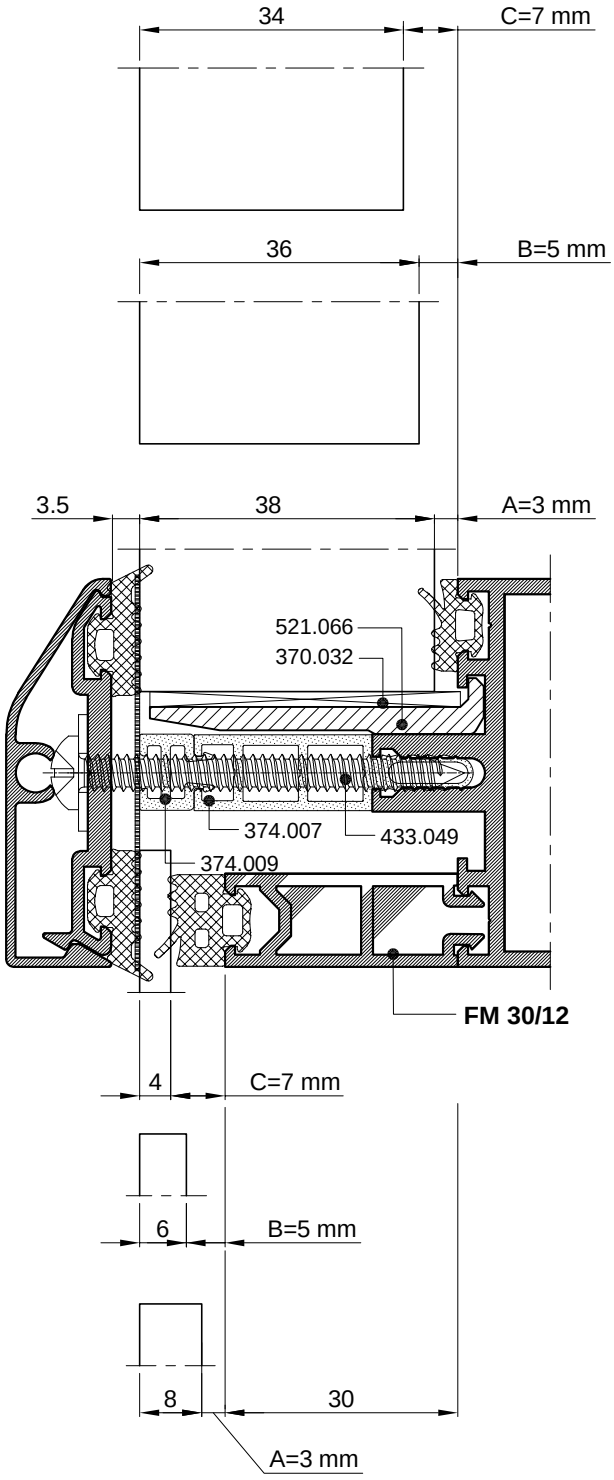
Vodoravnica
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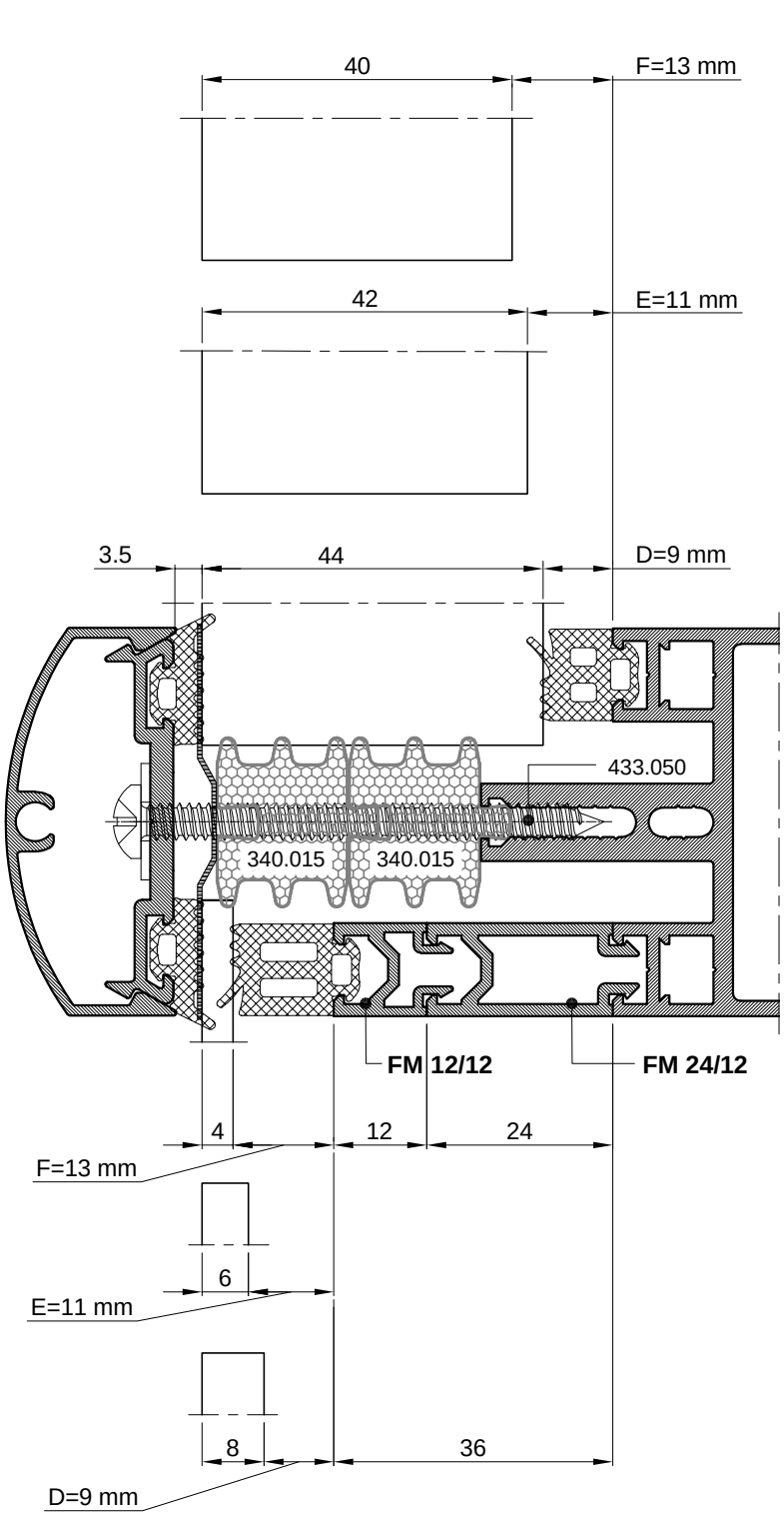
Okomica
Mullion



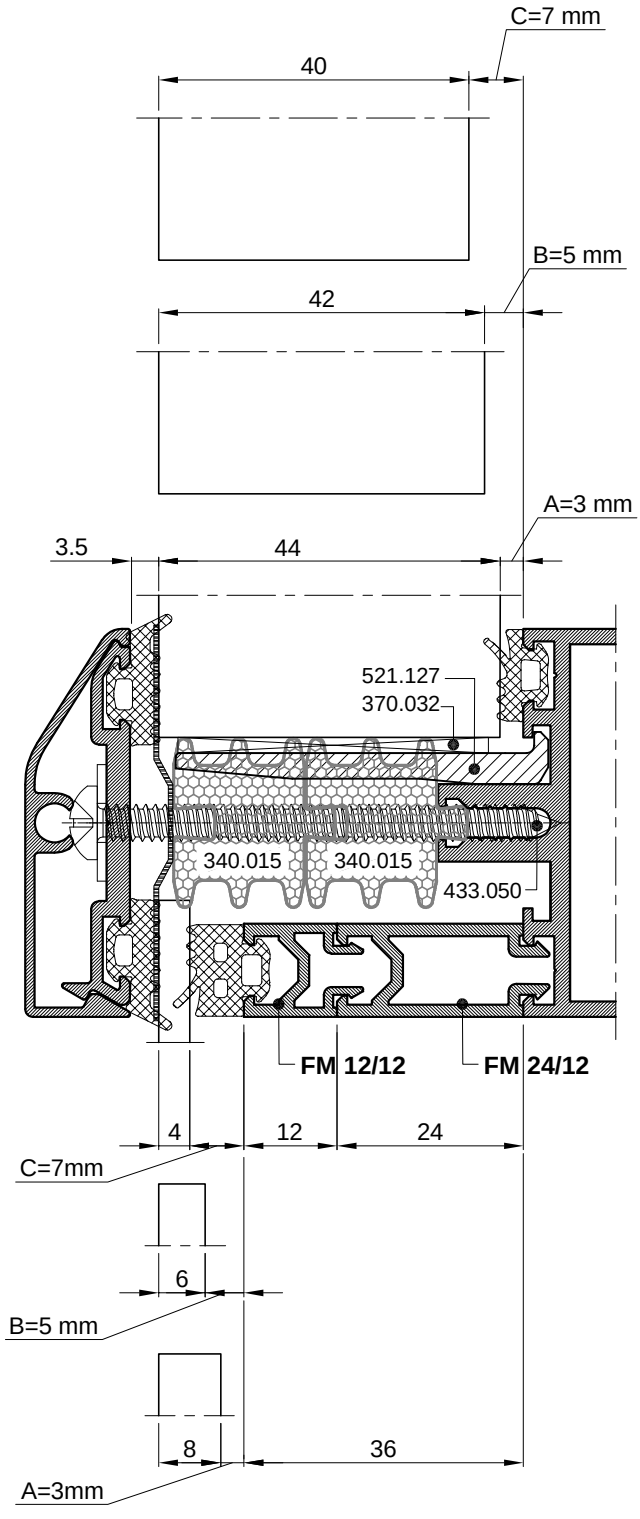
Vodoravnica
Transom



Okomica
Mullion

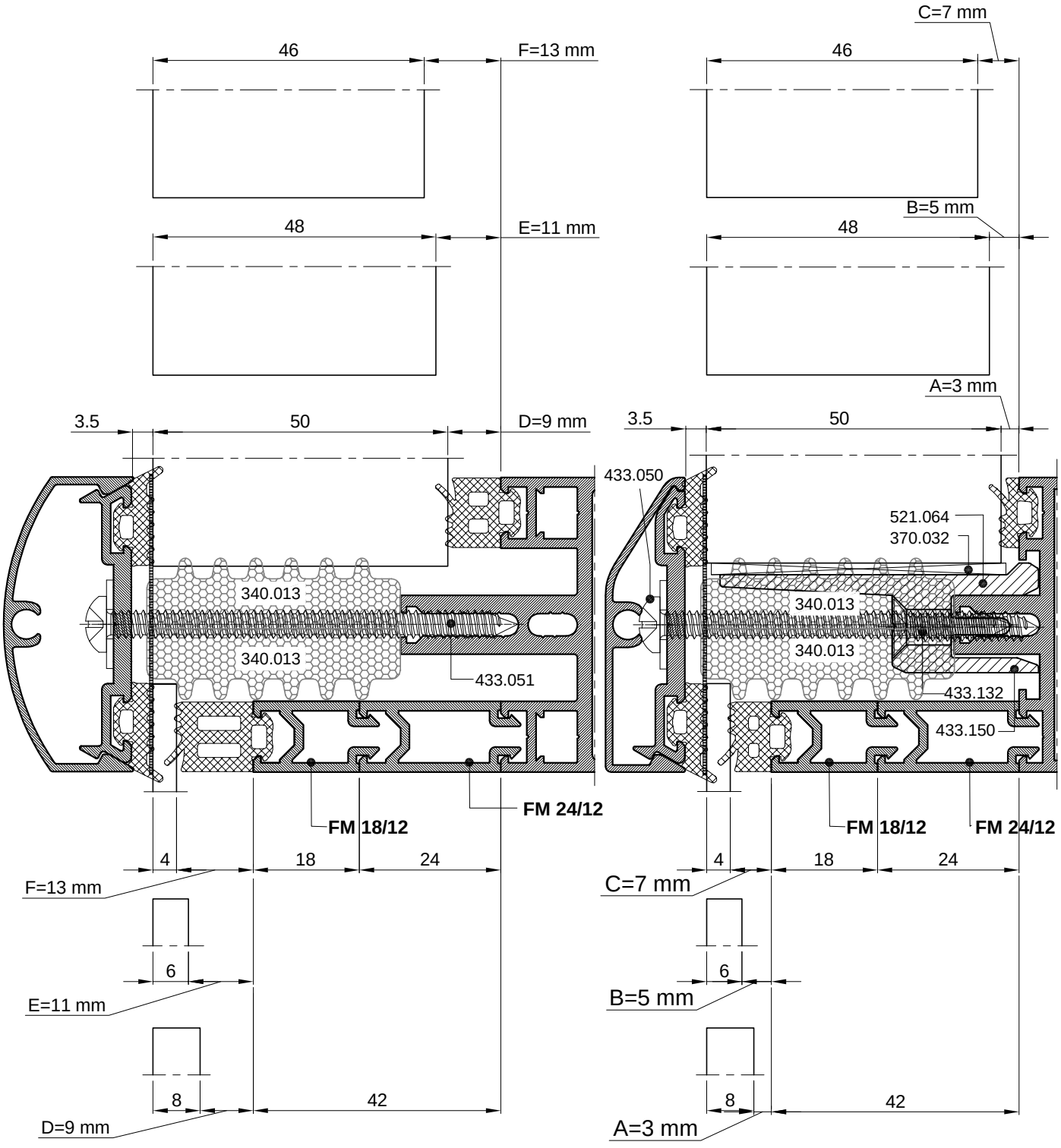


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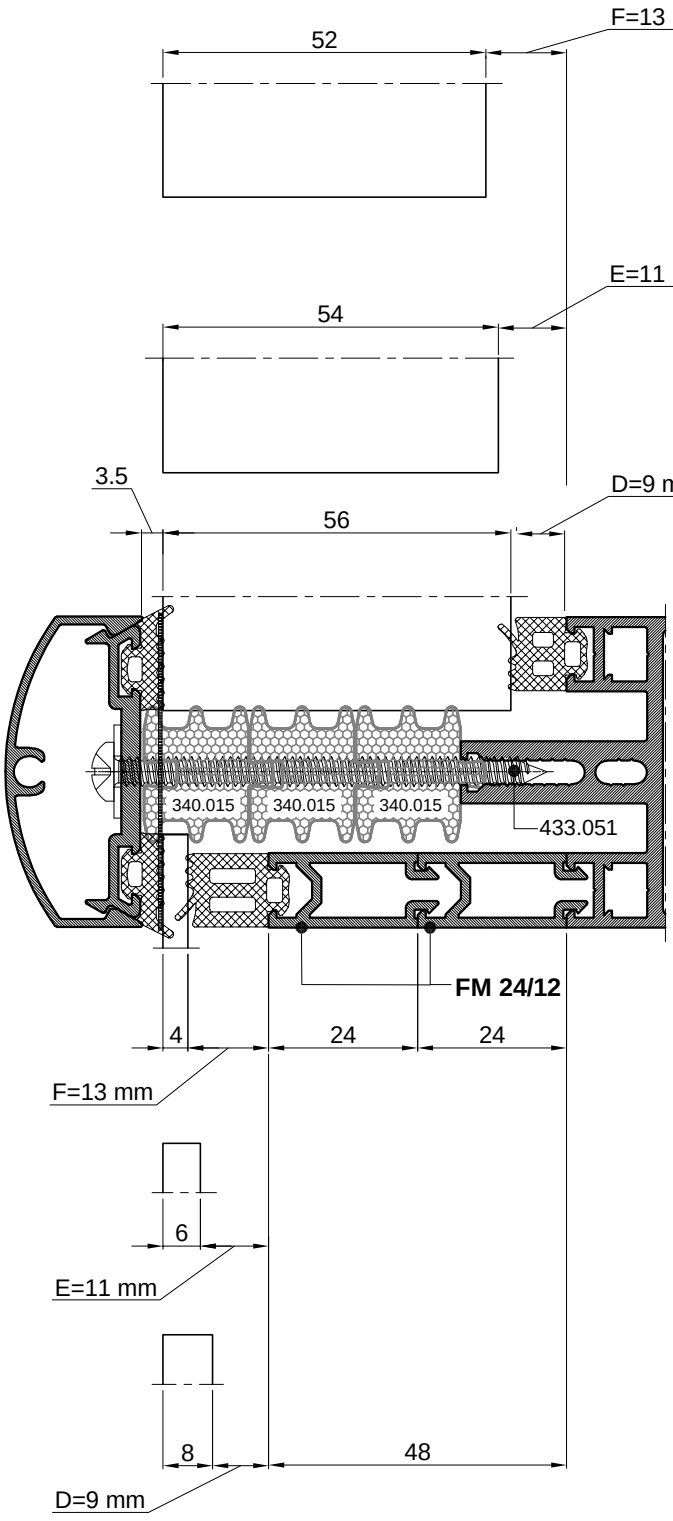
Okomica
Mullion

Vodoravnica
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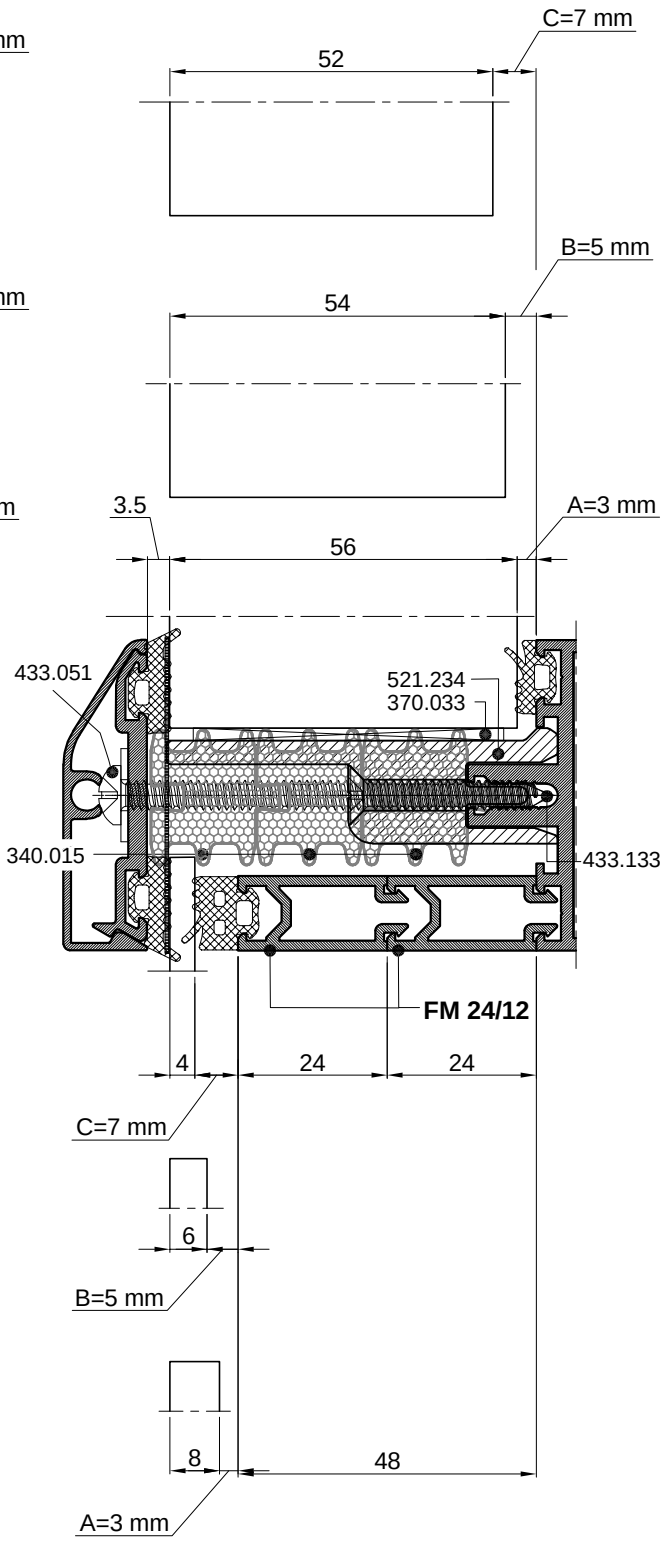


M 1:1,25

Okomica
Mullion

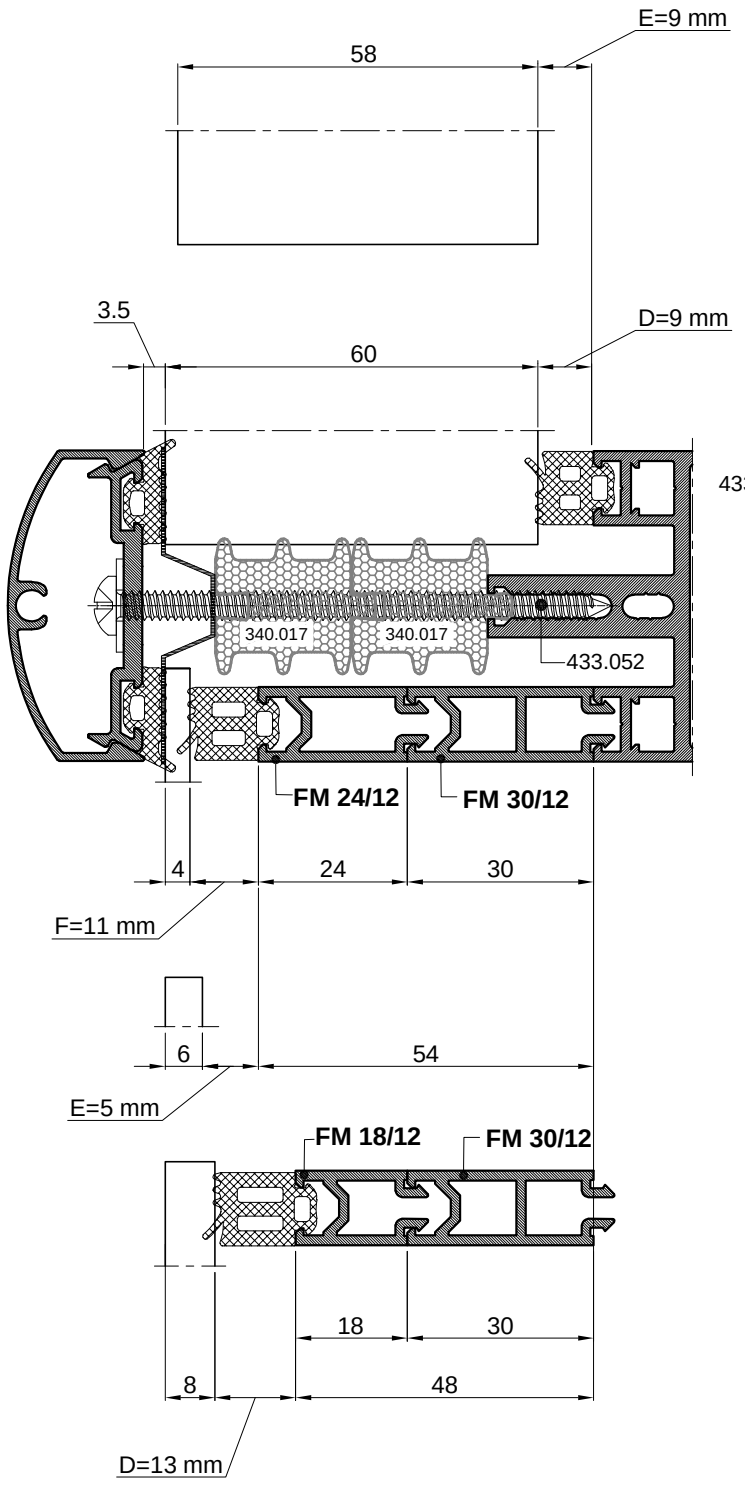


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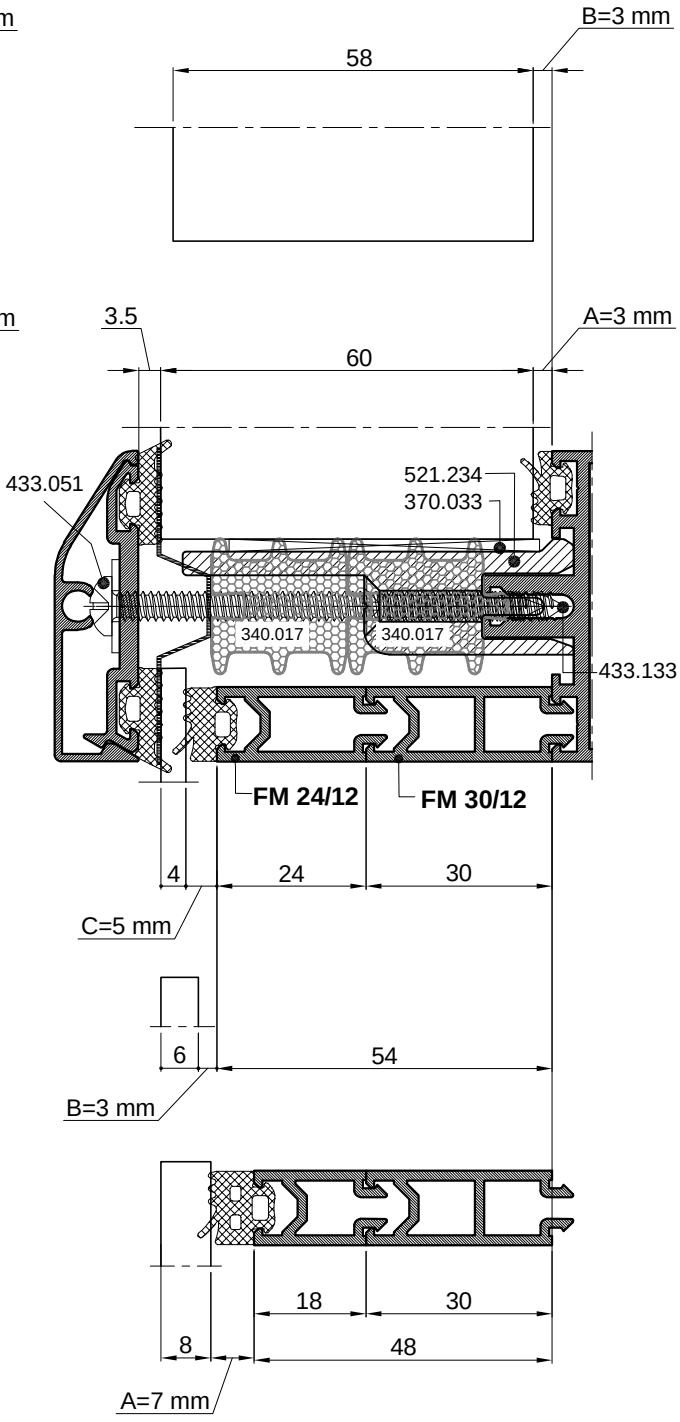


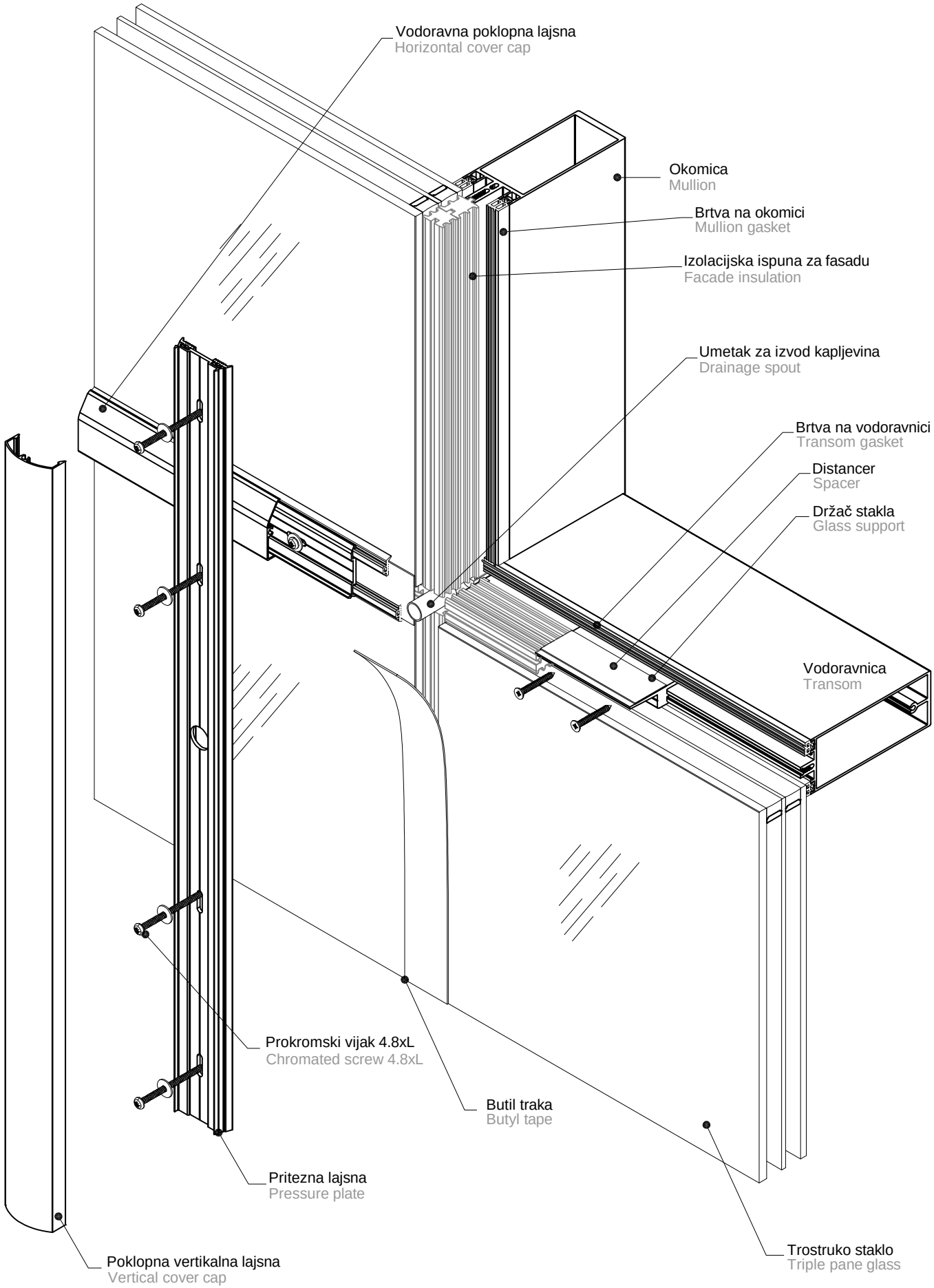
M 1:1,25

Okomica
Mullion

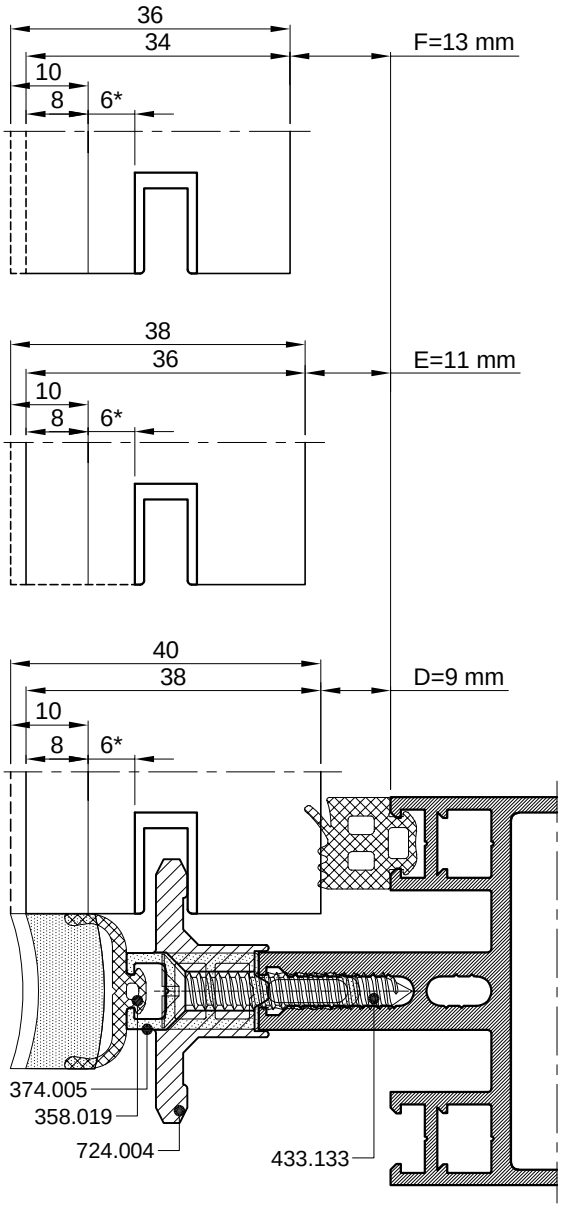


Vodoravnica
Transom

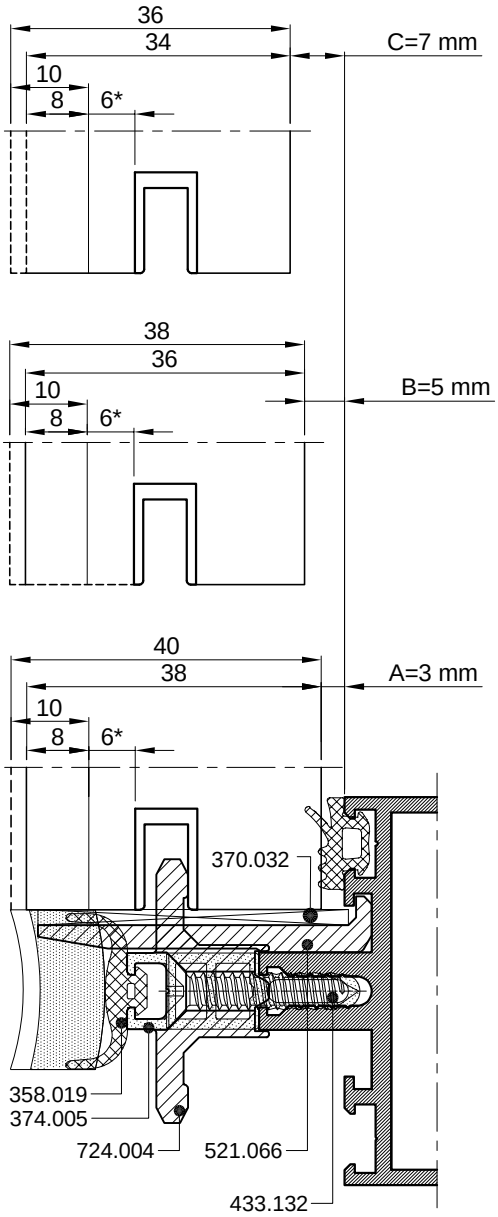



Vodoravna poklopna lajsna
Horizontal cover cap
Okomica
Mullion
Brtva na okomici
Mullion gasket
Izolacijska ispuna za fasadu
Facade insulation
Umetak za izvod kapljevina
Drainage spout
Brtva na vodoravnici
Transom gasket
Distancer
Spacer
Držač stakla
Glass support
Vodoravnica
Transom
Prokromski vijak 4.8xL
Chromated screw 4.8xL
Butil traka
Butyl tape
Pritezna lajsna
Pressure plate
Poklopna vertikalna lajsna
Vertical cover cap
Trostruko staklo
Triple pane glass

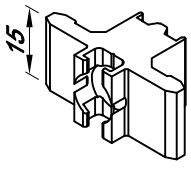
Okomica
Mullion



Vodoravnica
Transom

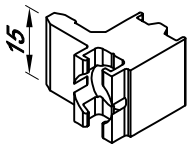


724.004

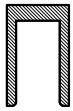


Kopča strukturalne fasade
Structural facade clamp

724.005



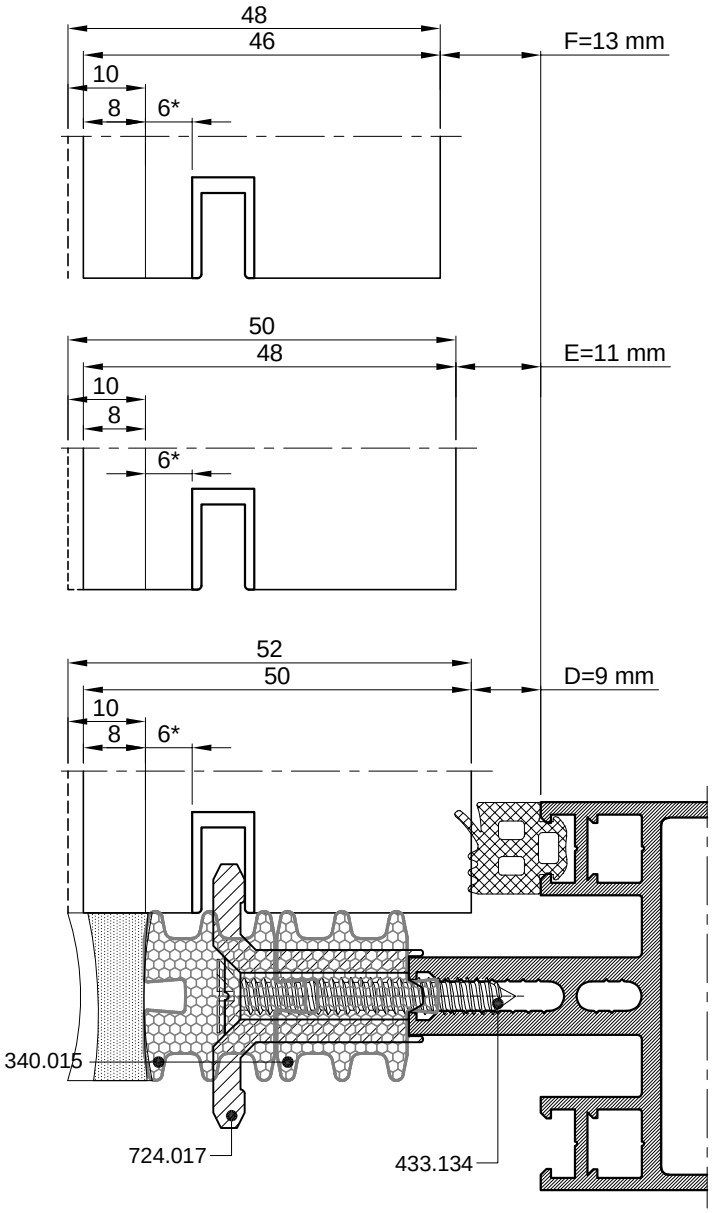
Kopča strukturalne fasade
Structural facade clamp



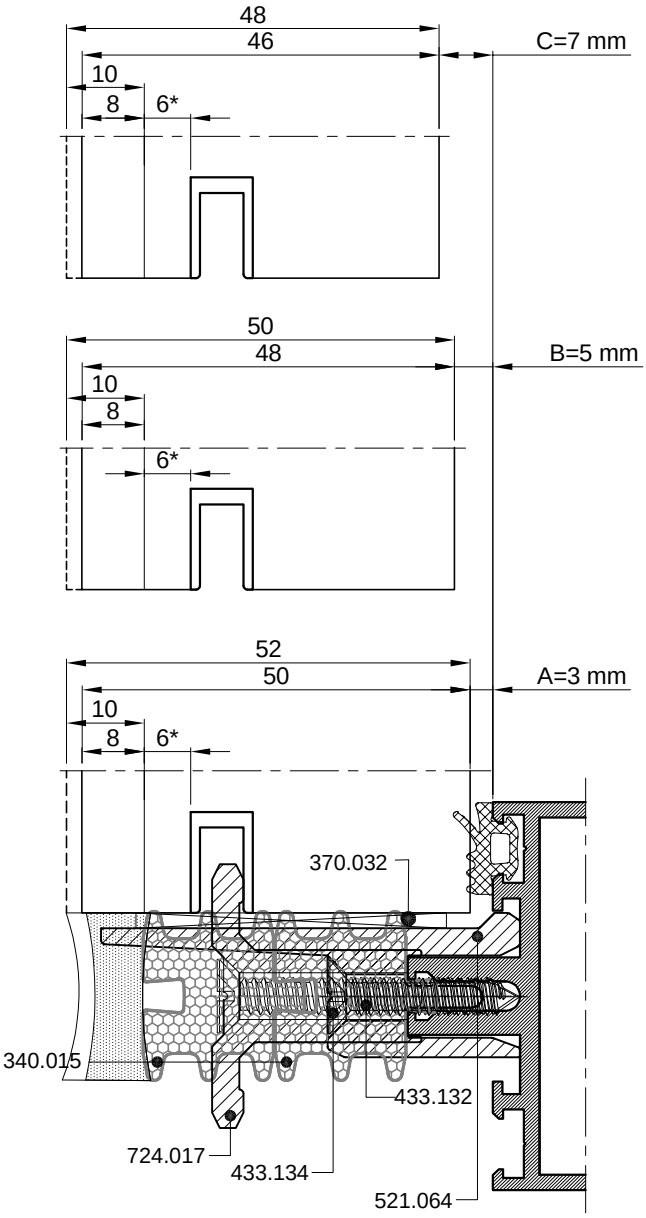
F-0779 (eloksaža S-10 ne starija od 6 mjeseci)
F-0779 (eloxated in S-10 no earlier than six months ago)

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

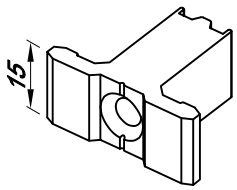
Okomica
Mullion



Vodoravnica
Transom

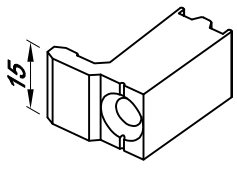


724.017

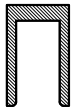


Kopča strukturalne fasade
Structural facade clamp

724.018



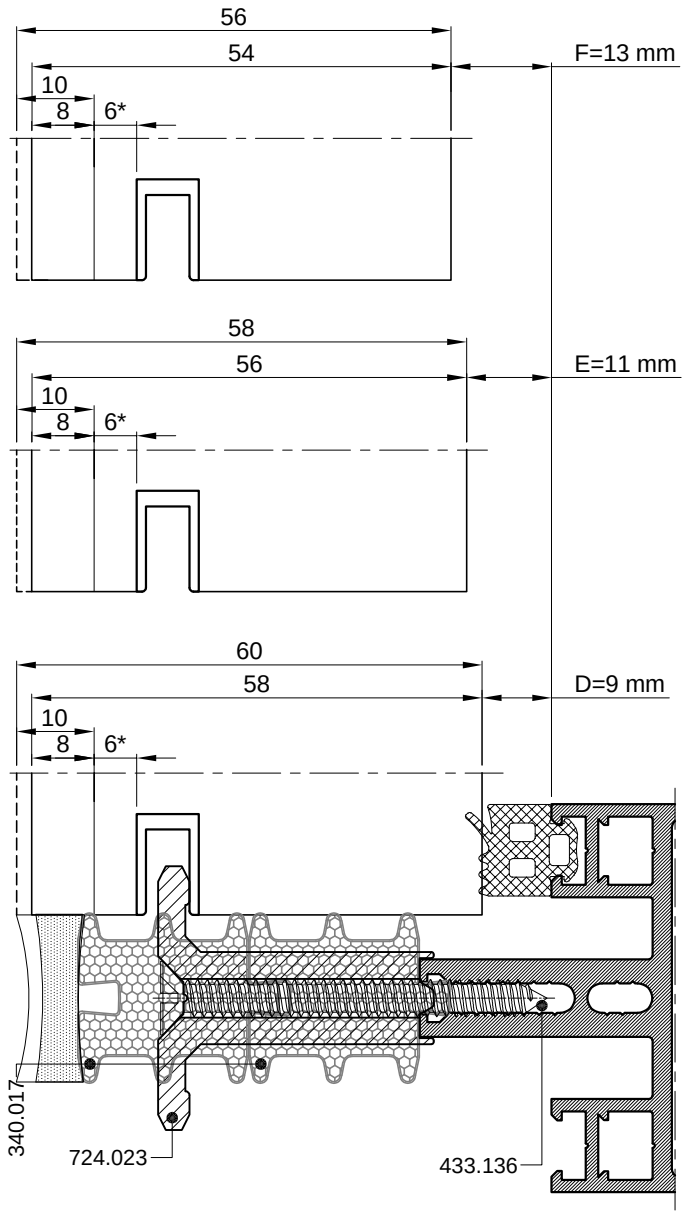
Kopča strukturalne fasade
Structural facade clamp



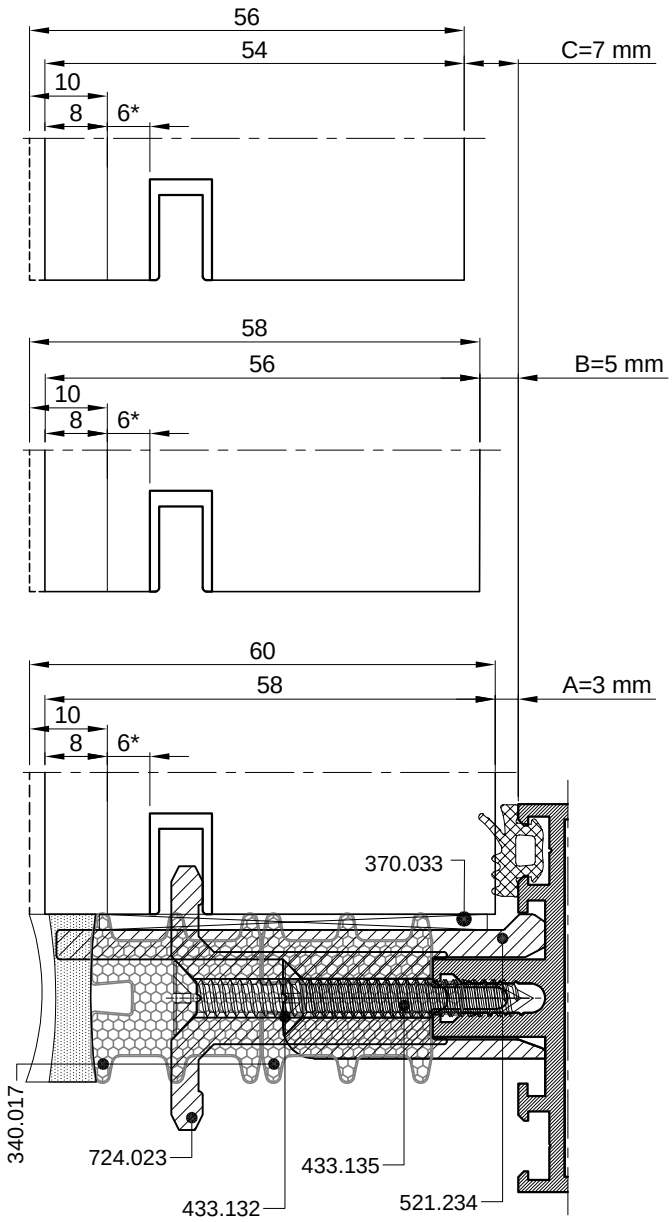
F-0779 (eloksaža S-10 ne starija od 6 mjeseci)
F-0779 (eloxated in S-10 no earlier than six months ago)

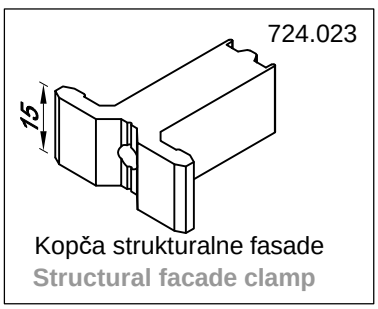
DEBLJINA STRUKTURALNOG KITA STAKLA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

Okomica
Mullion

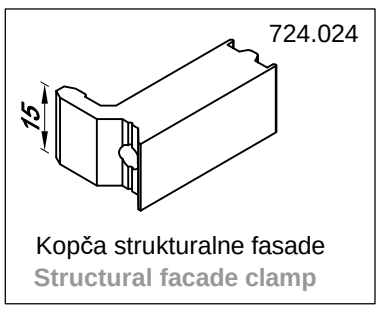


Vodoravnica
Transom

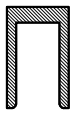




Kopča strukturalne fasade
Structural facade clamp

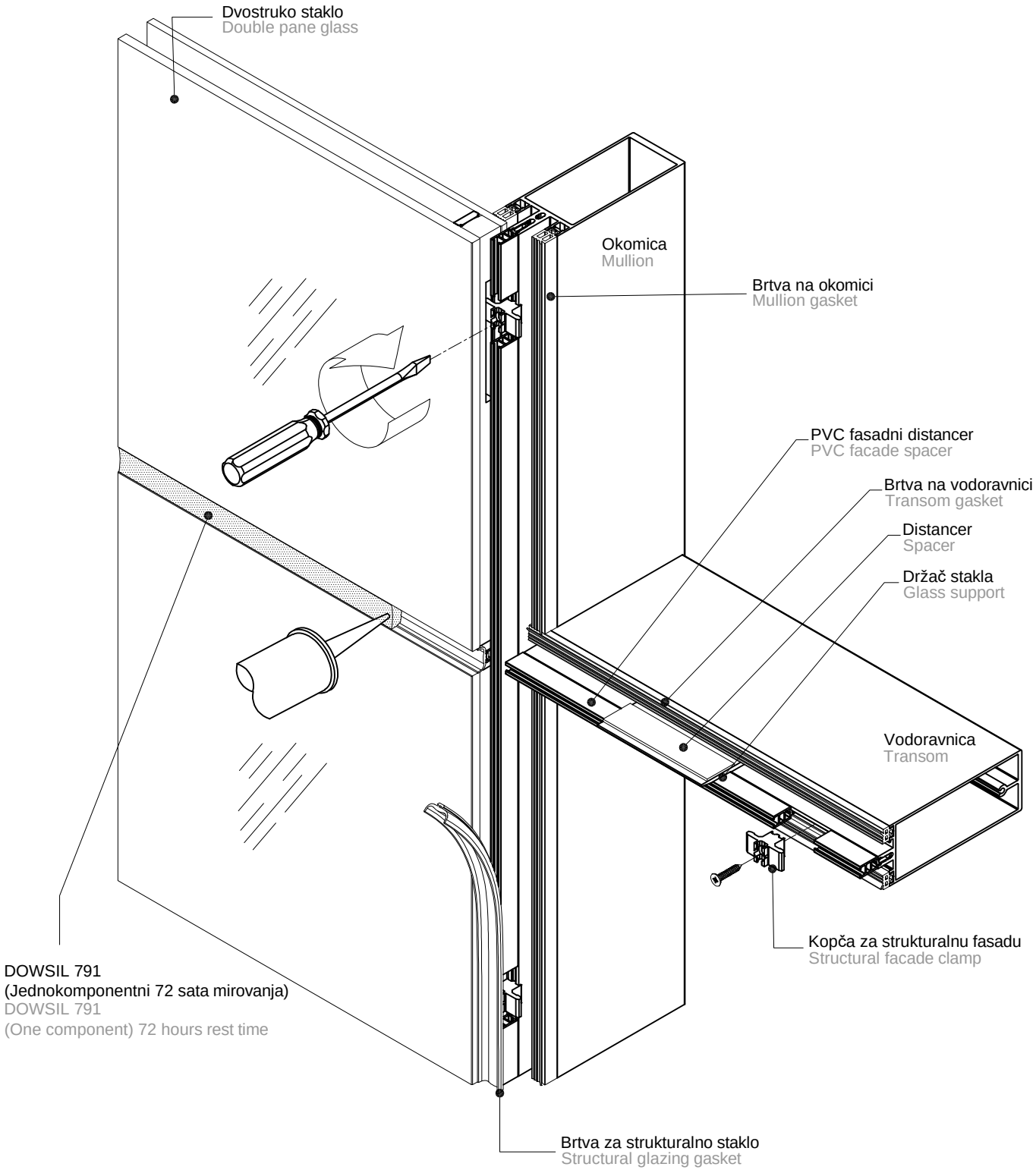


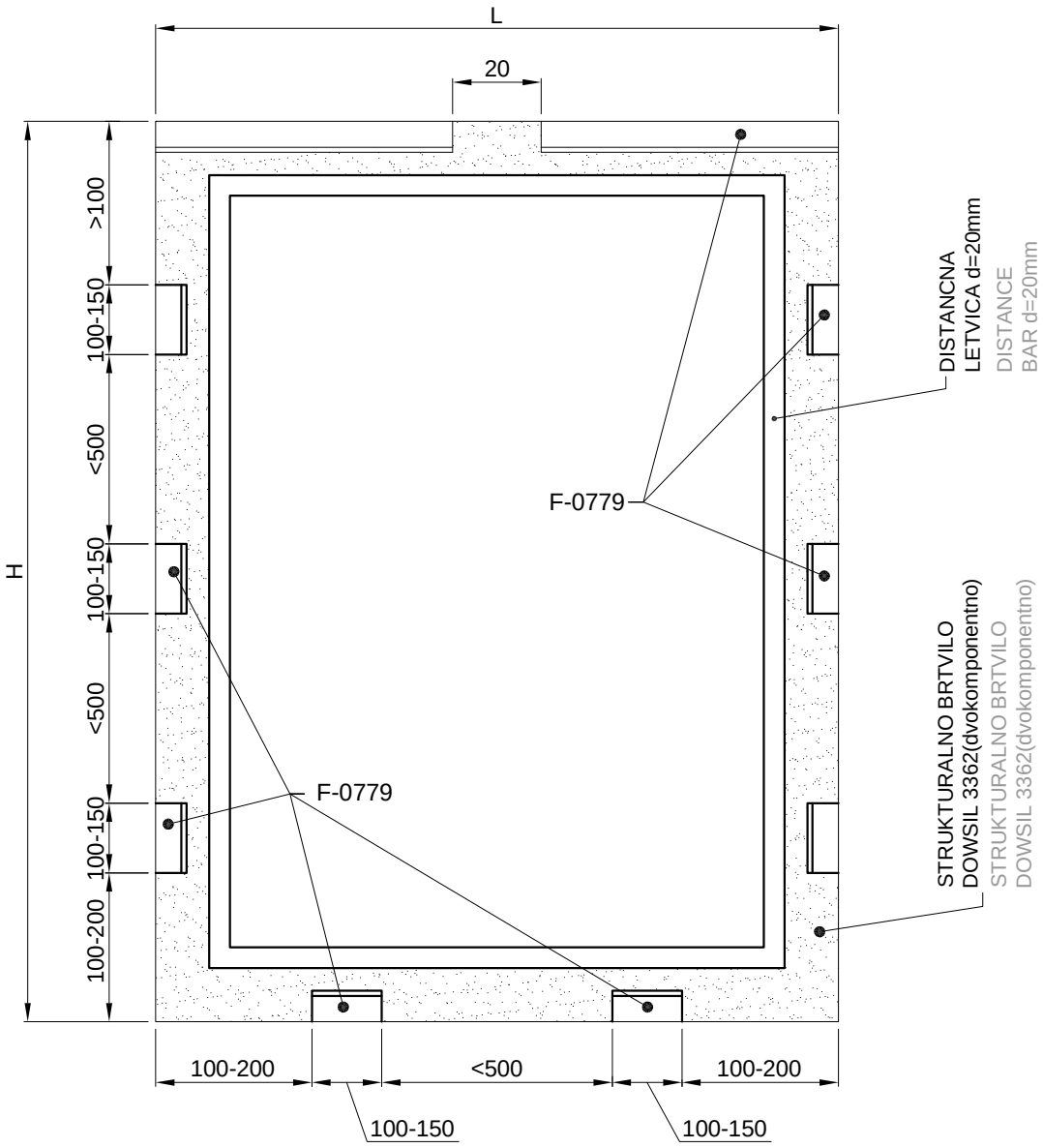
Kopča strukturalne fasade
Structural facade clamp



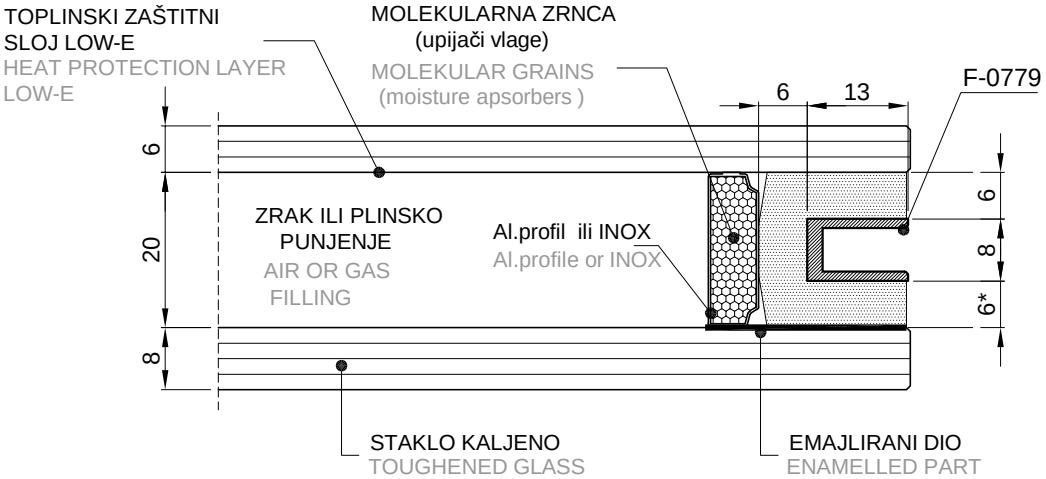
F-0779 (eloksaža S-10
ne starija od 6 mjeseci)
F-0779 (eloxated in S-10
no earlier than six months ago)

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

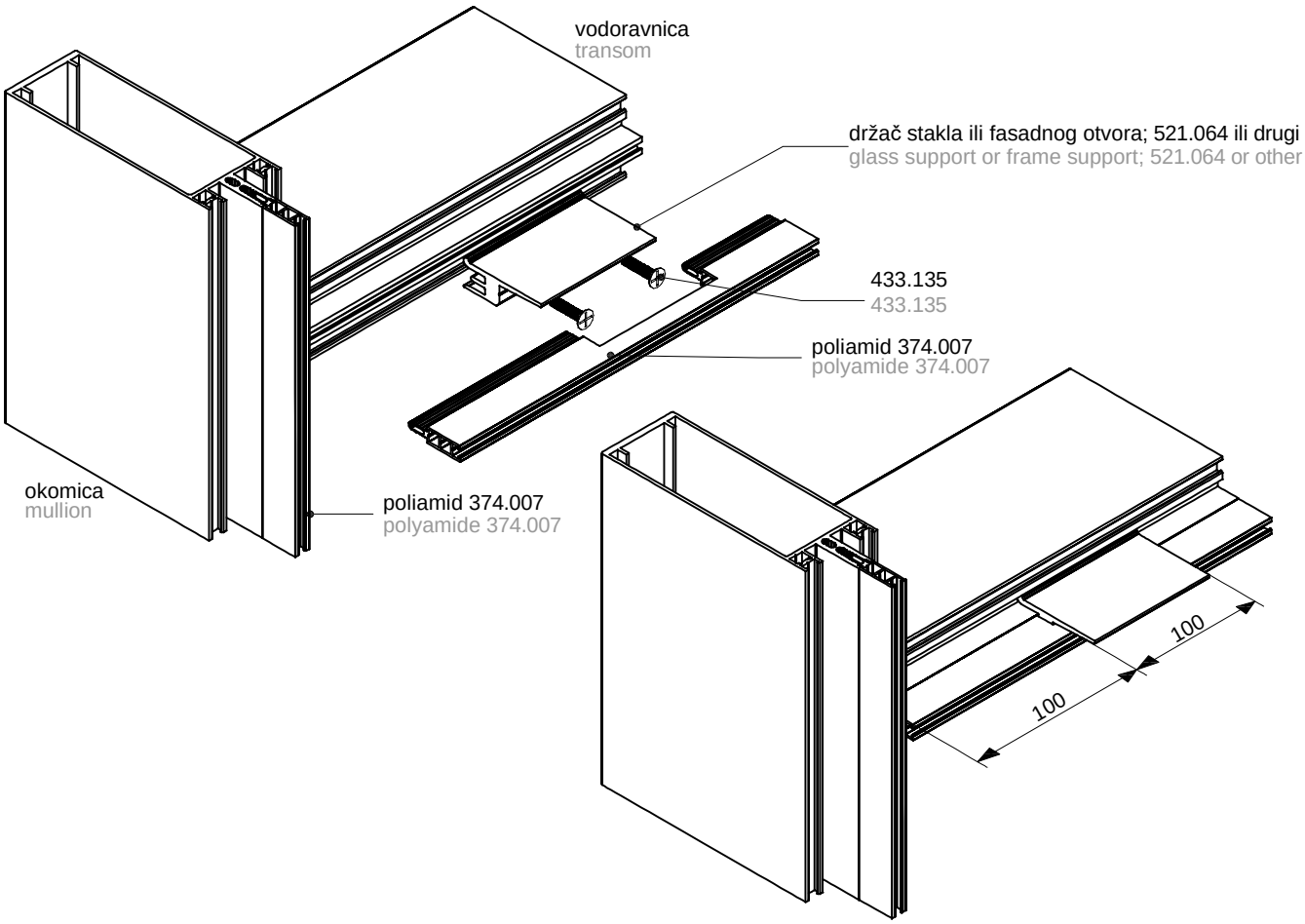

Dvostruko staklo
Double pane glass
Okomica
Mullion
Brtva na okomici
Mullion gasket
PVC fasadni distancer
PVC facade spacer
Brtva na vodoravnici
Transom gasket
Distancer
Spacer
Držač stakla
Glass support
Vodoravnica
Transom
Kopča za strukturalnu fasadu
Structural facade clamp
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component) 72 hours rest time
Brtva za strukturalno staklo
Structural glazing gasket

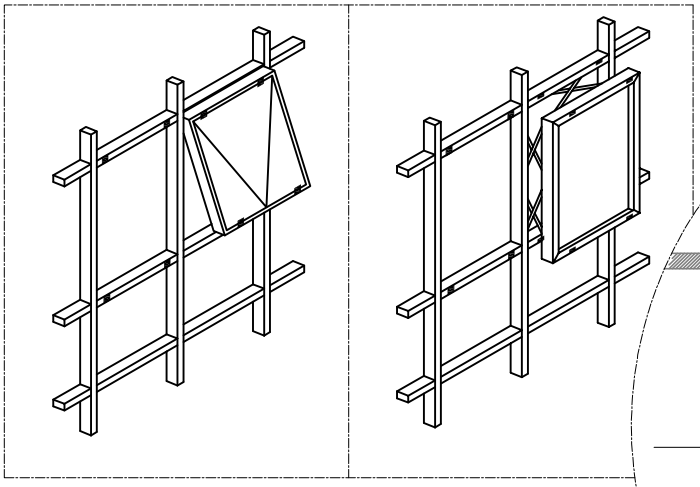


Primjer presjeka stakla za strukturalnu fasadu:
Example cross-section of structural facade glass:



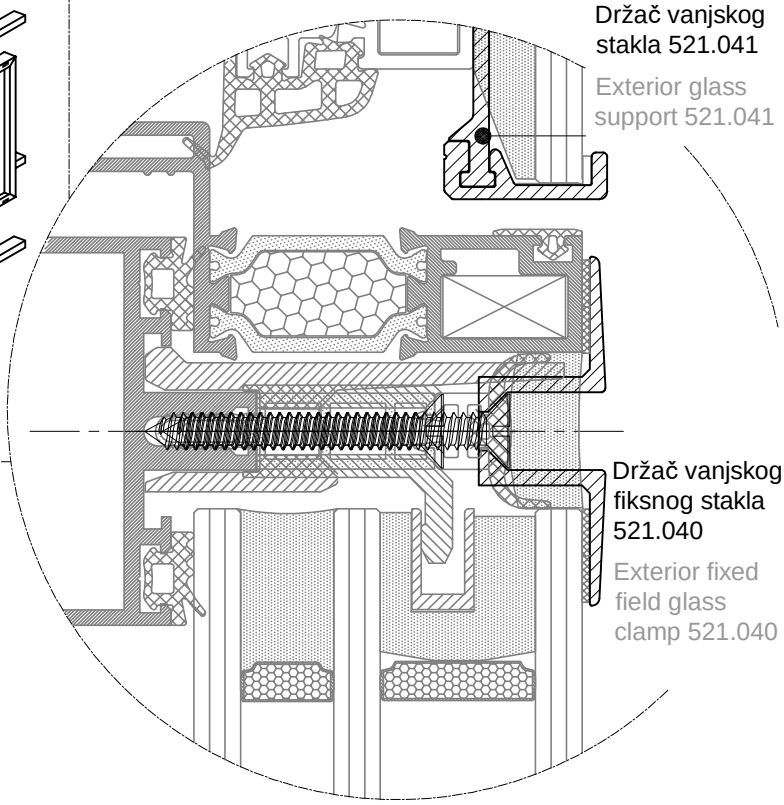
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

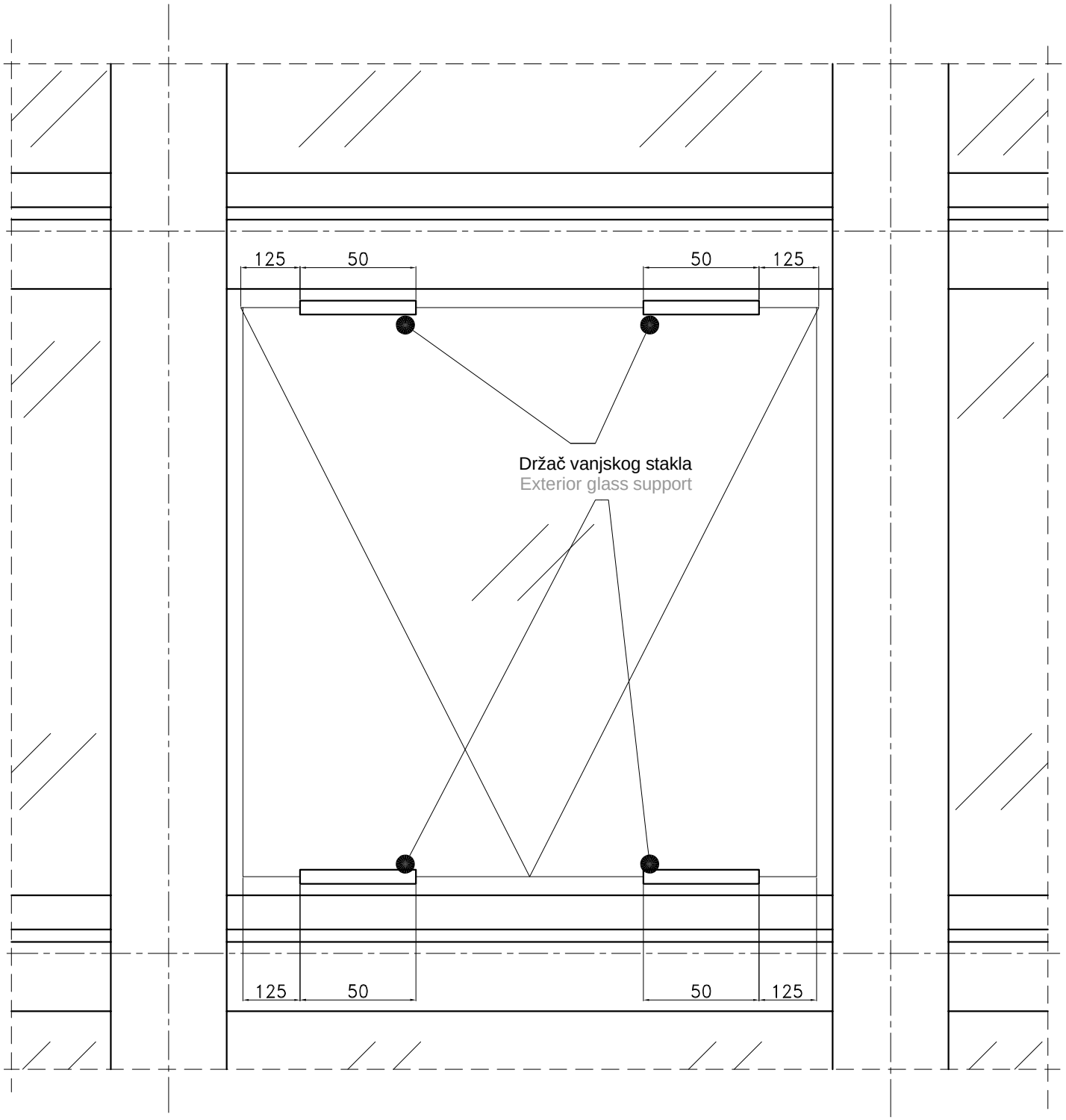




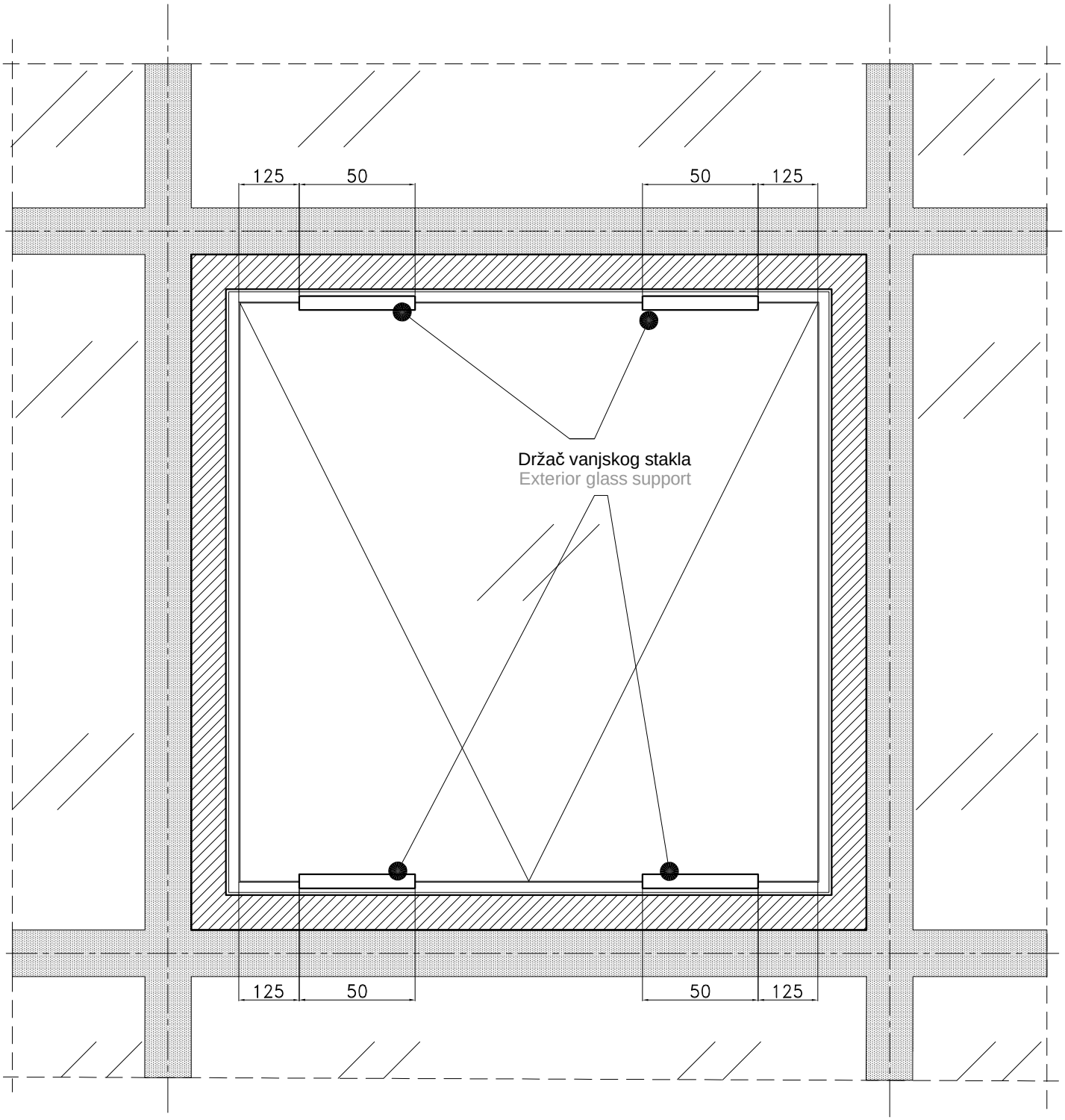
Osiguranje vanjskog stakla strukturalne fasade od ispadanja prema normi DIN EN 13022

Securing the exterior glass of stick facade from fallout according to the norm DIN EN 13022



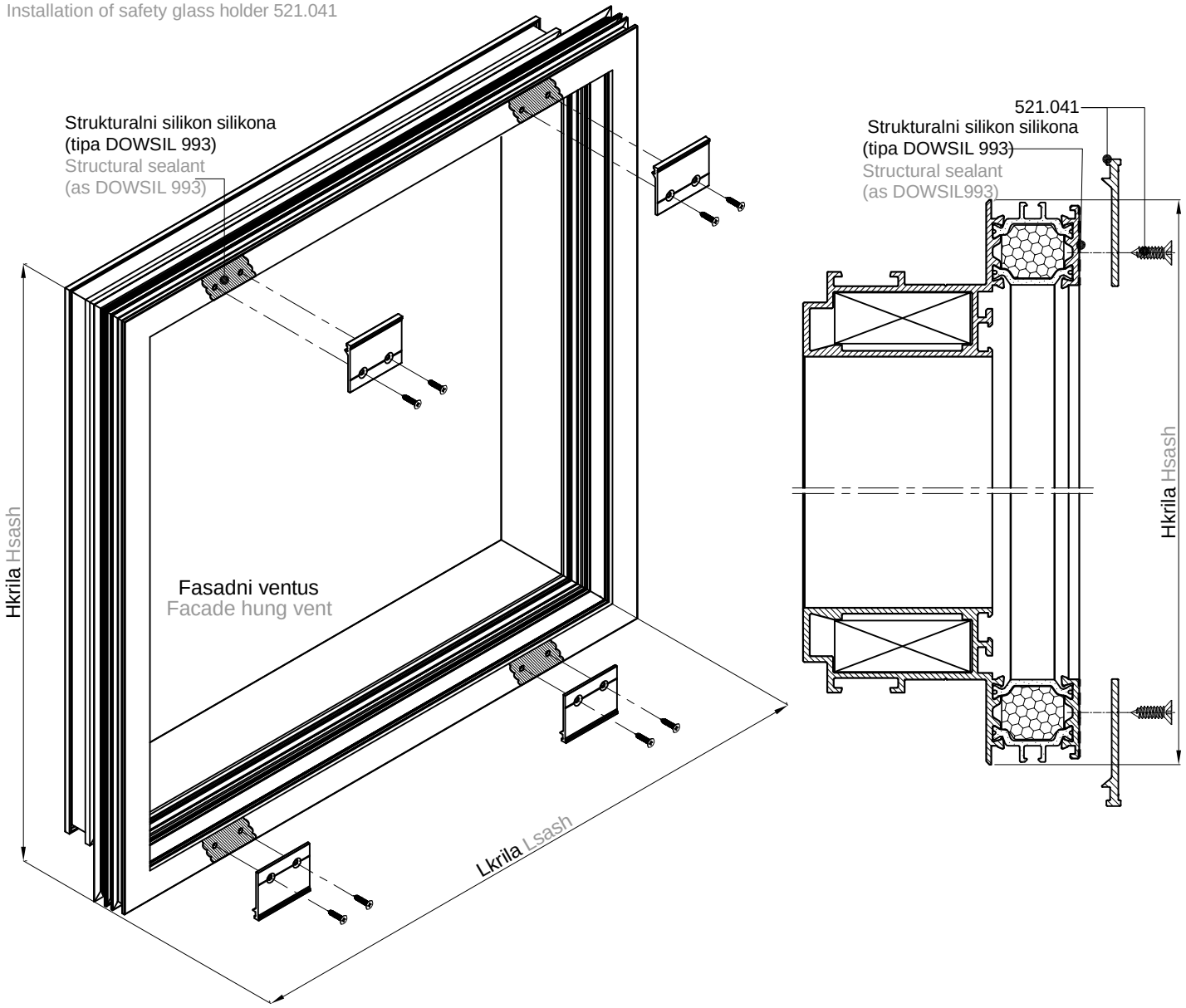


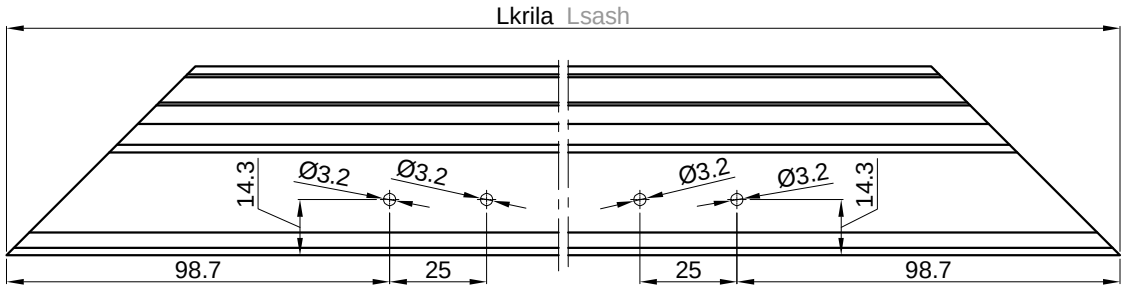
Držač vanjskog stakla Exterior glass support	Profil fasadnog krila Facade sash profile
521.007	FT-0157
521.041	FT-0162, FT-0164, FT-0170, FT-0186

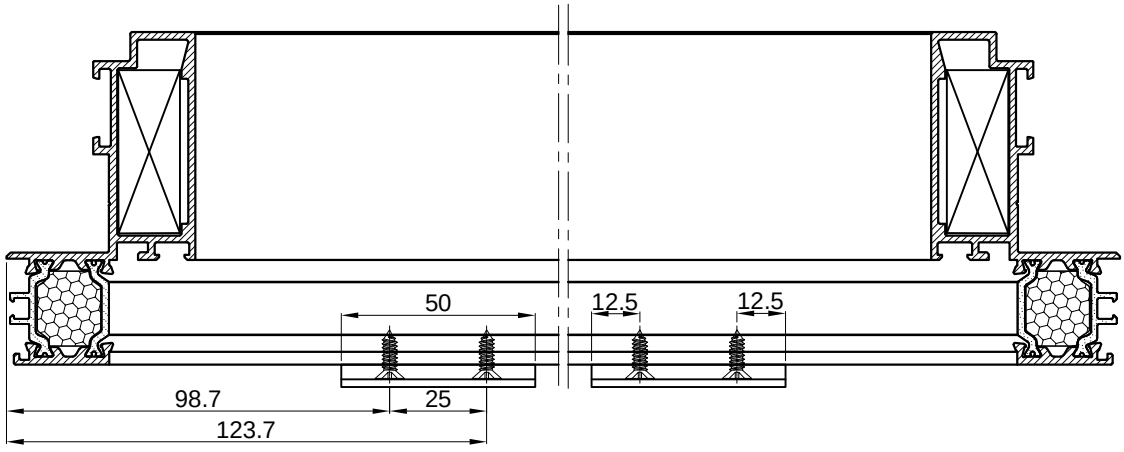


Držač vanjskog stakla Exterior glass support	Profil fasadnog krila Facade sash profile
521.007	FT-0157
521.041	FT-0162, FT-0164, FT-0170, FT-0186

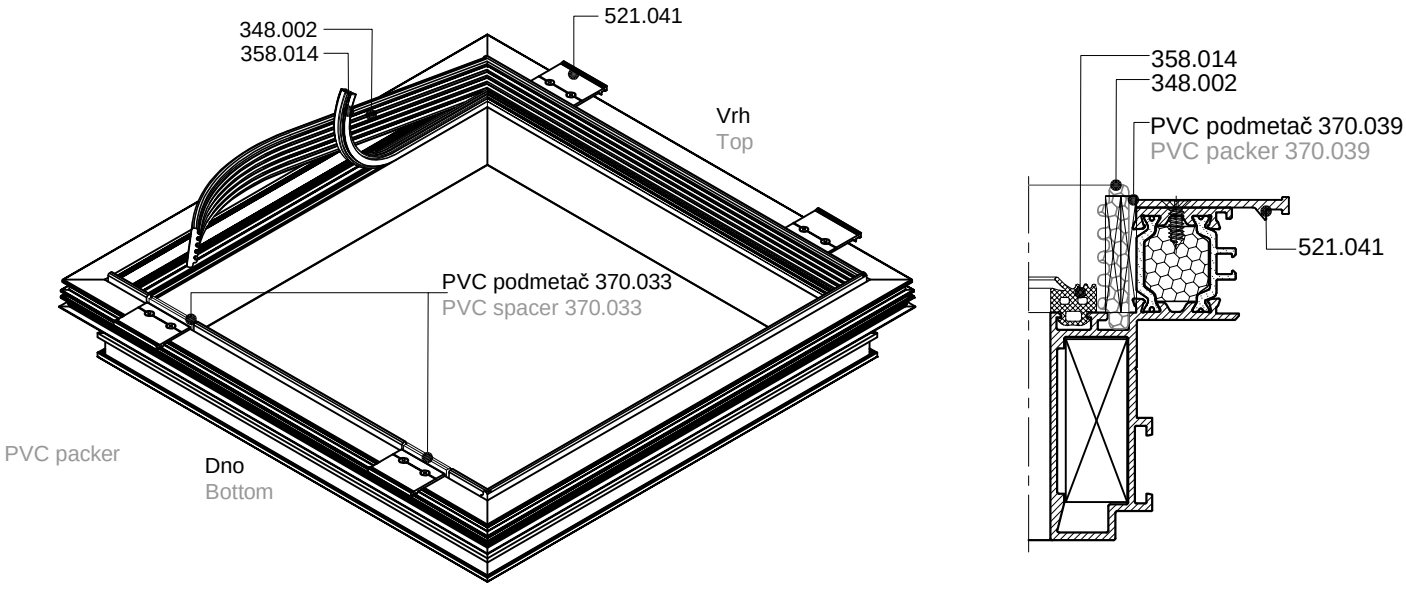
Montiranje sigurnosnog držača stakla 521.041
Installation of safety glass holder 521.041



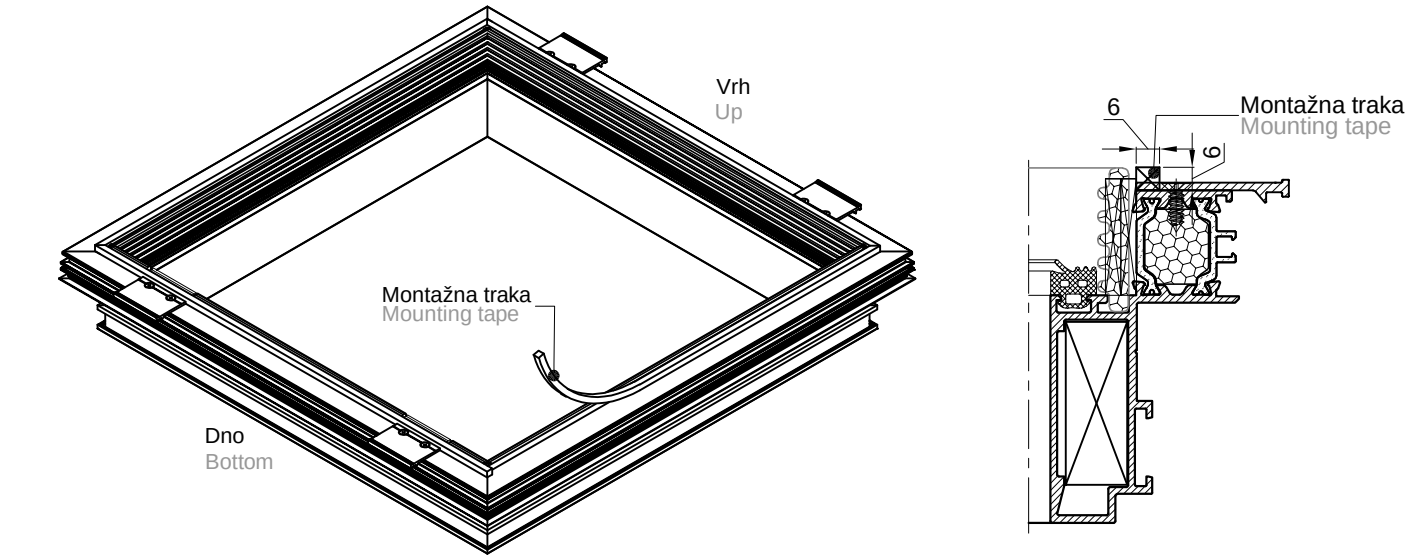




Montiranje izolacijske ispune 348.002, unutranje brtve 358.014 i PVC podmetača
Installation of insulation 348.002, interior gasket 358.014 and PVC spacer

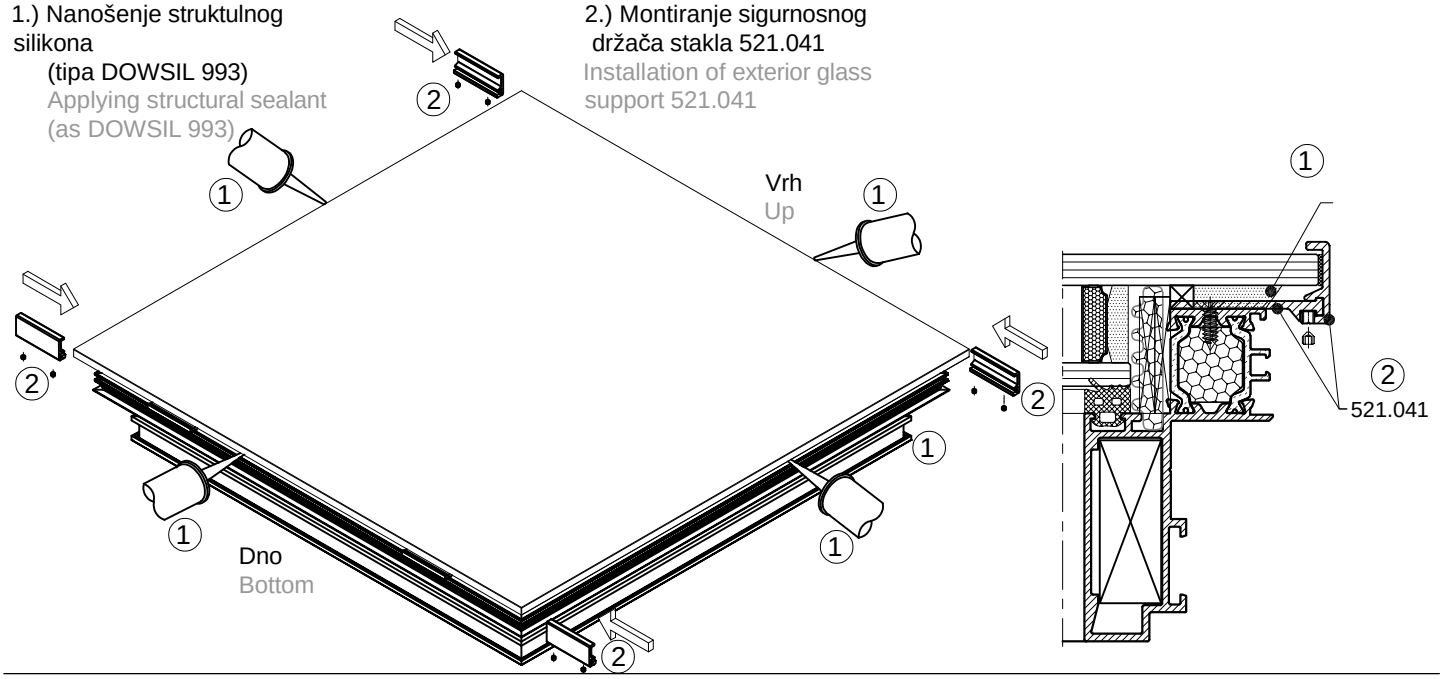


Postavljanje montažne trake (6 x 6 mm)
Positioning of installation tape (6 x 6 mm)

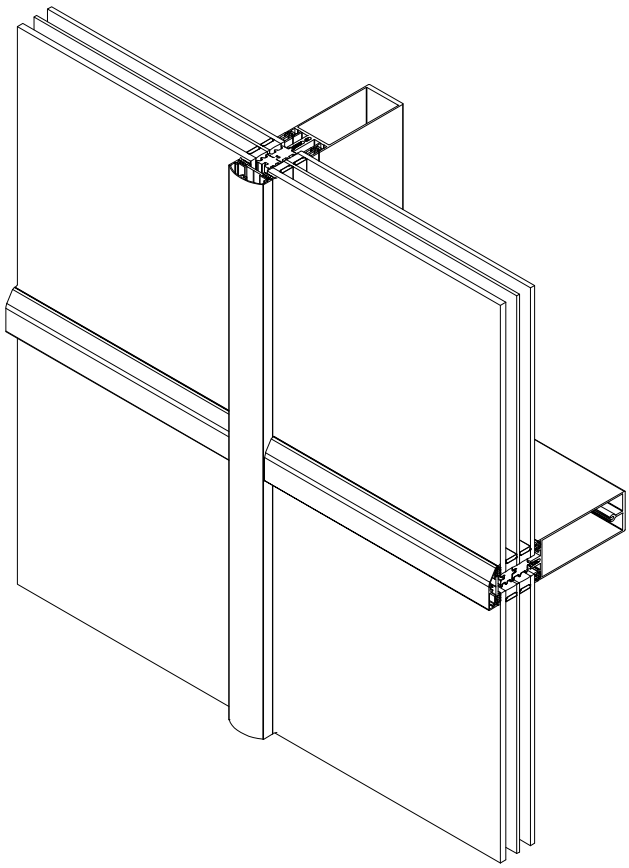


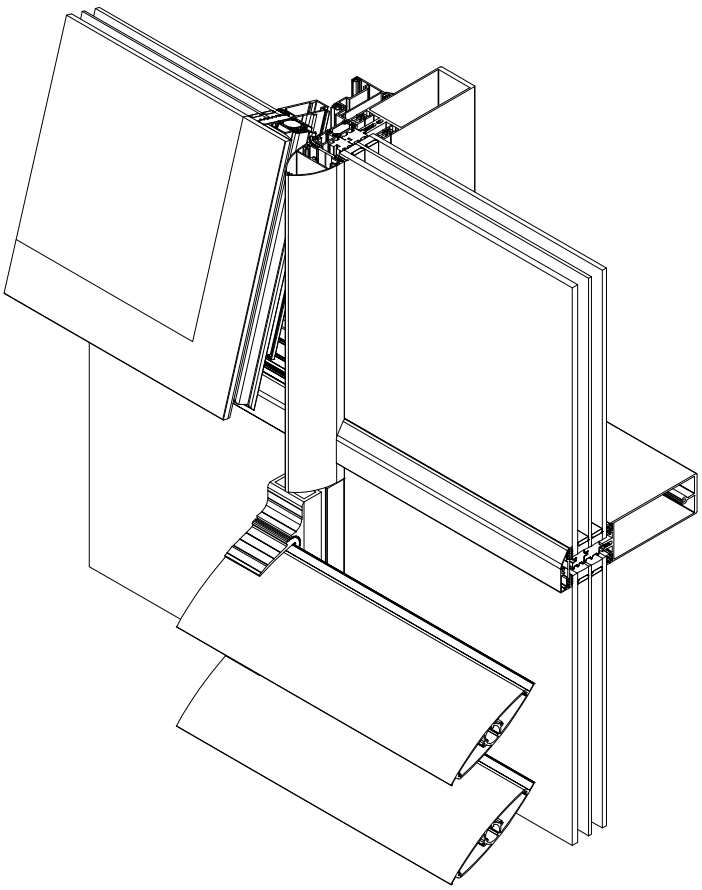
1.) Nanošenje struktulnog silikona
(tipa DOWSIL 993)
Applying structural sealant
(as DOWSIL 993)

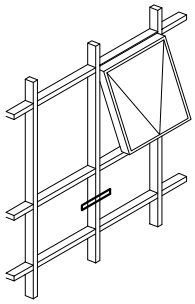
2.) Montiranje sigurnosnog držača stakla 521.041
Installation of exterior glass support 521.041

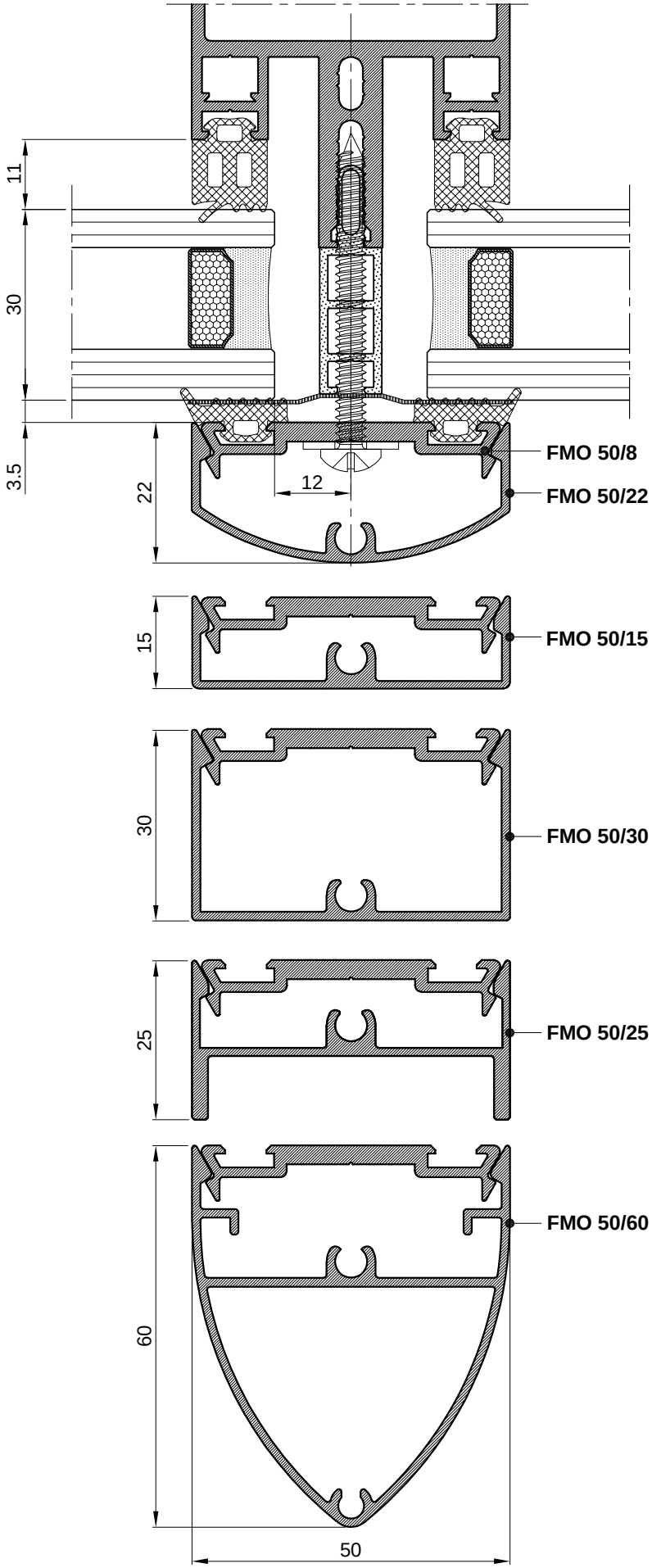


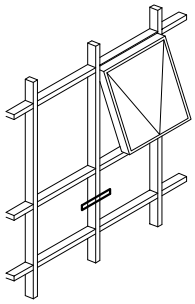
Presjeci
Cross sections

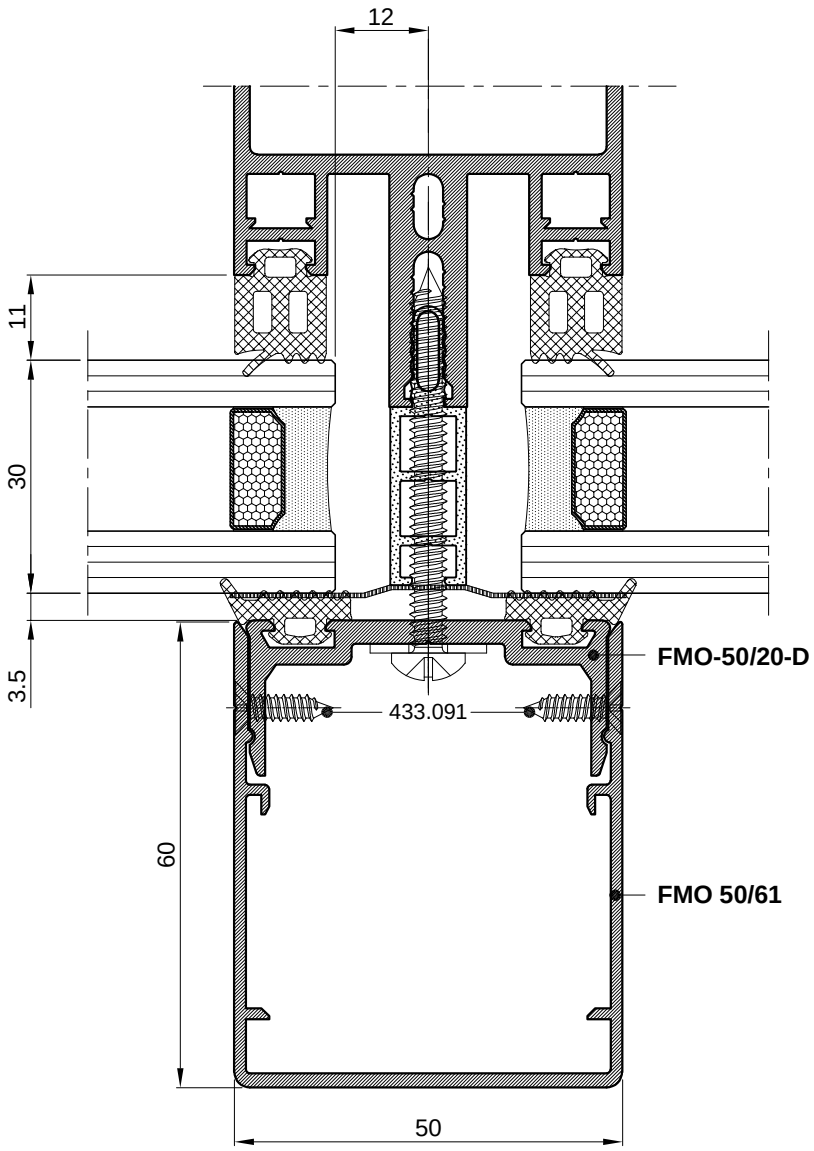


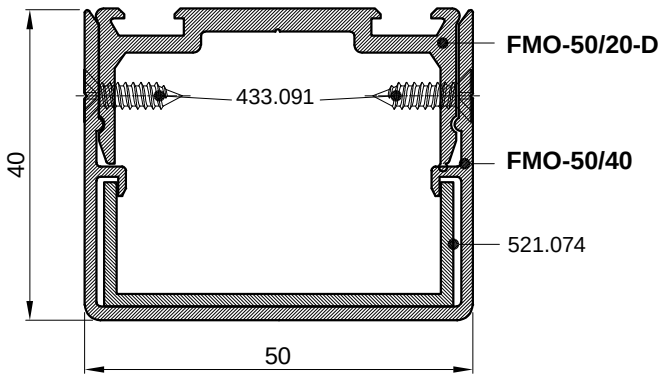


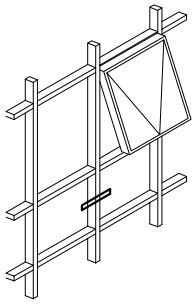


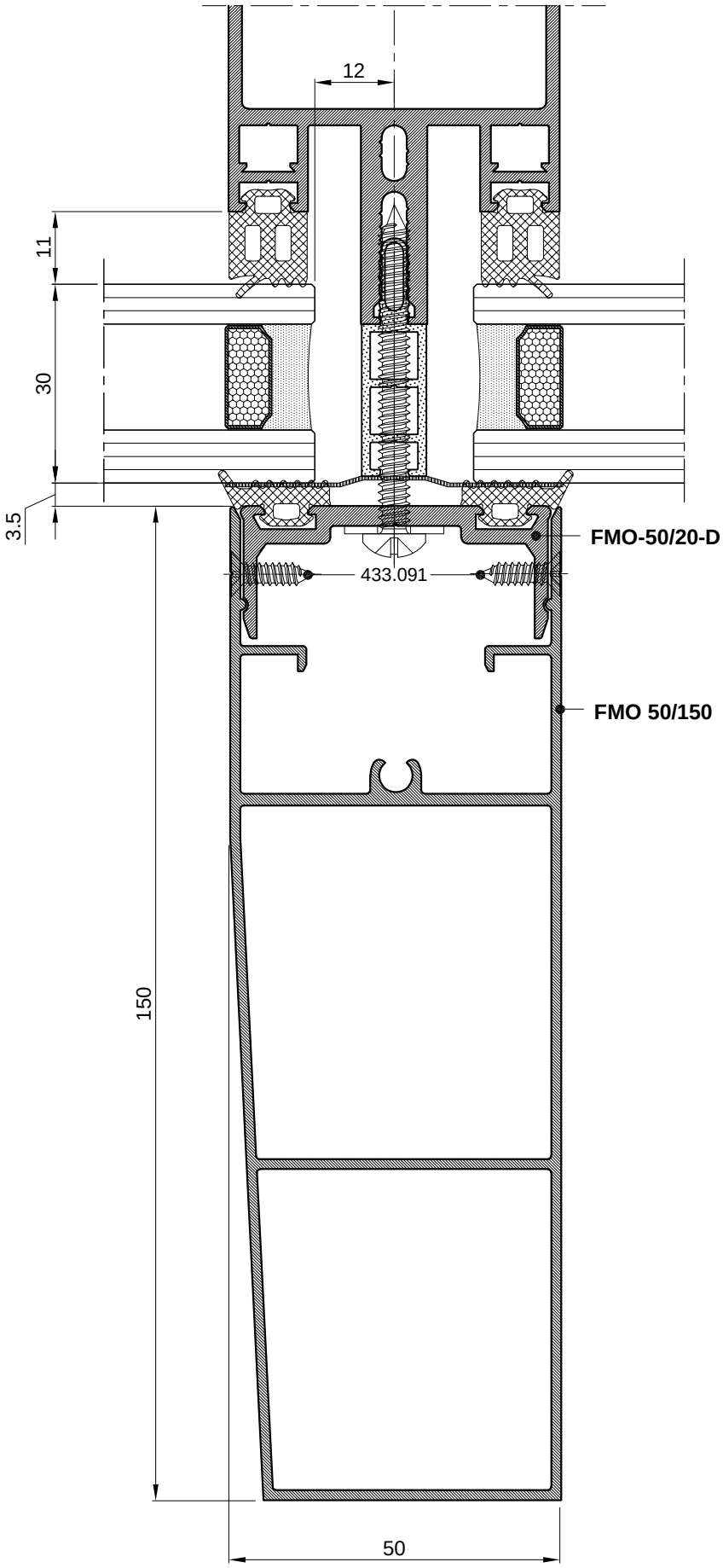

11
30
3.5
22
12
FMO 50/8
FMO 50/22
15
FMO 50/15
30
FMO 50/30
25
FMO 50/25
60
FMO 50/60
50

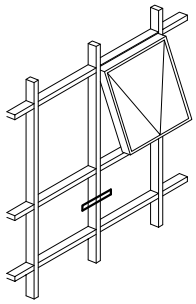


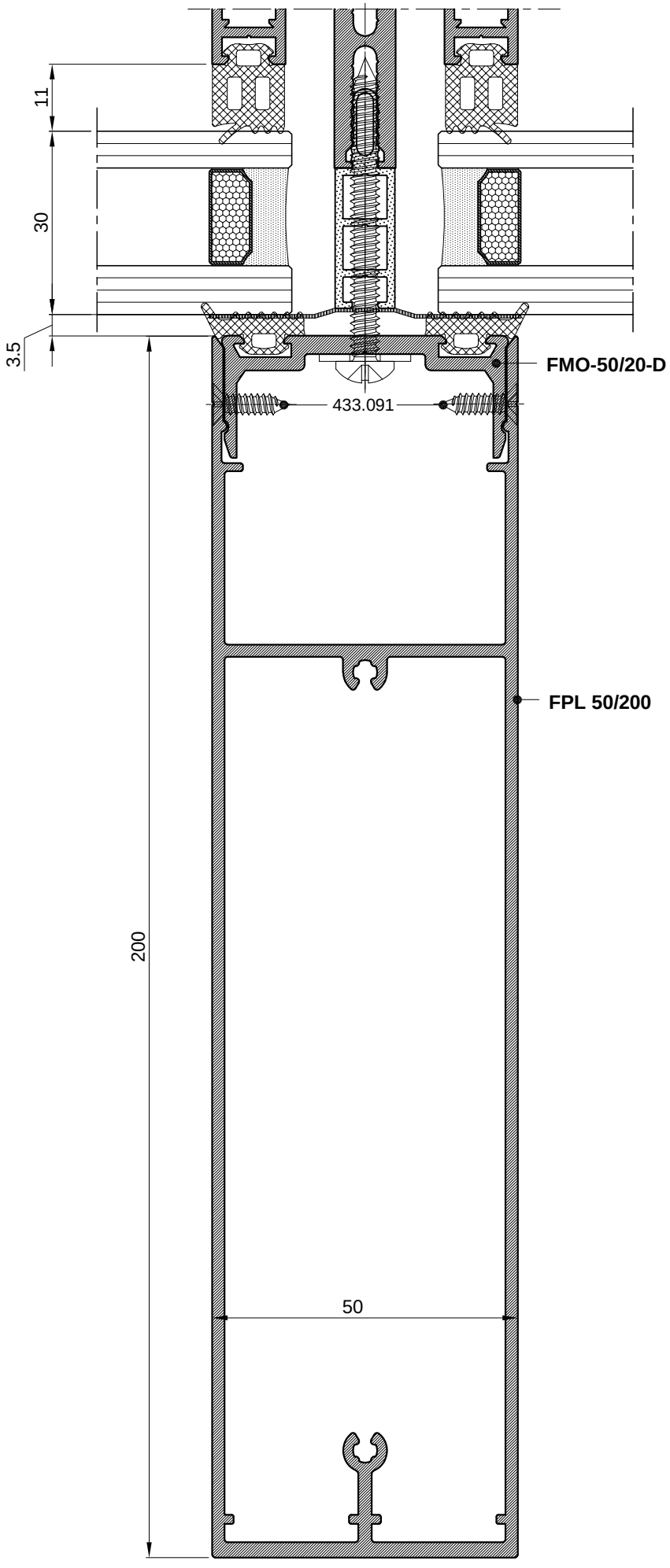

12
11
30
3.5
60
50
FMO-50/20-D
433.091
FMO 50/61

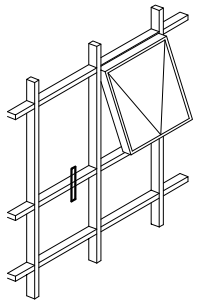

40
50
FMO-50/20-D
433.091
FMO-50/40
521.074

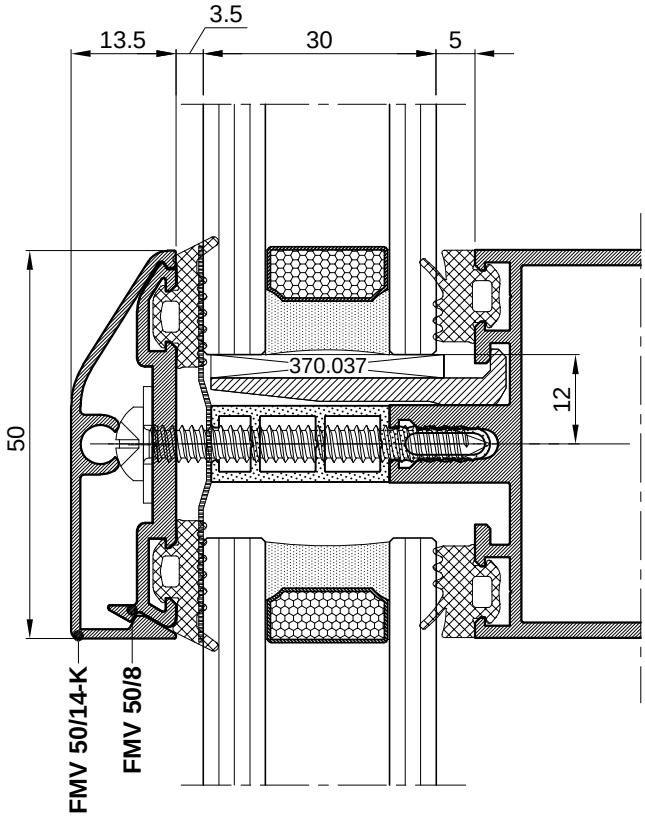


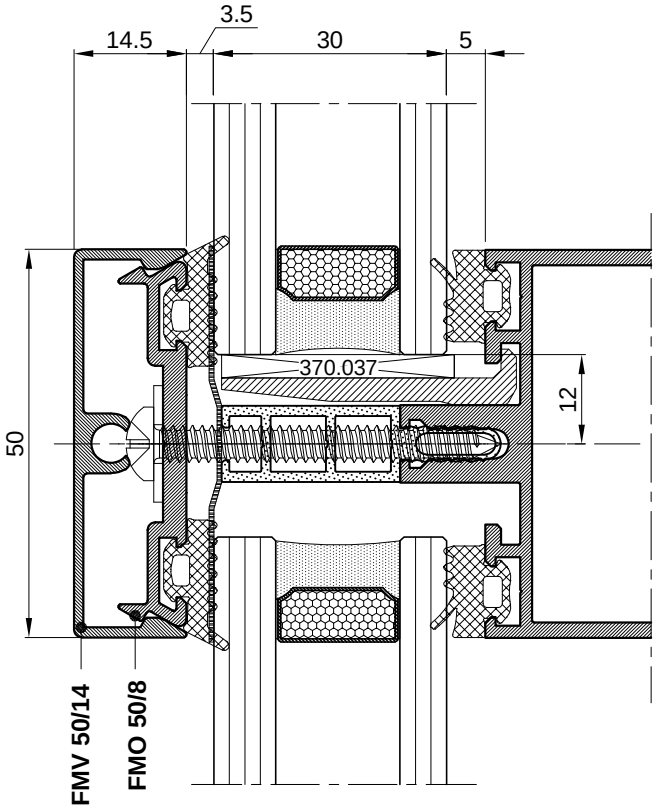

12
11
30
3.5
FMO-50/20-D
433.091
FMO 50/150
150
50

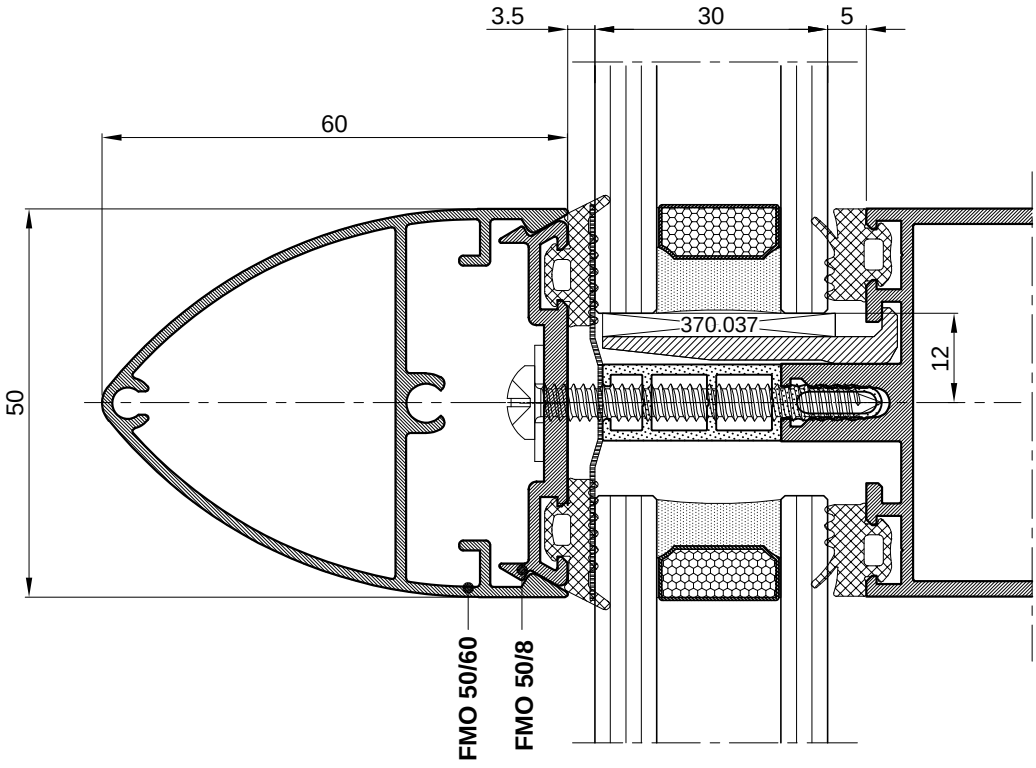


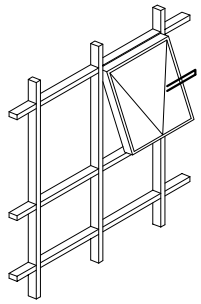

11
30
3.5
FMO-50/20-D
433.091
FPL 50/200
200
50

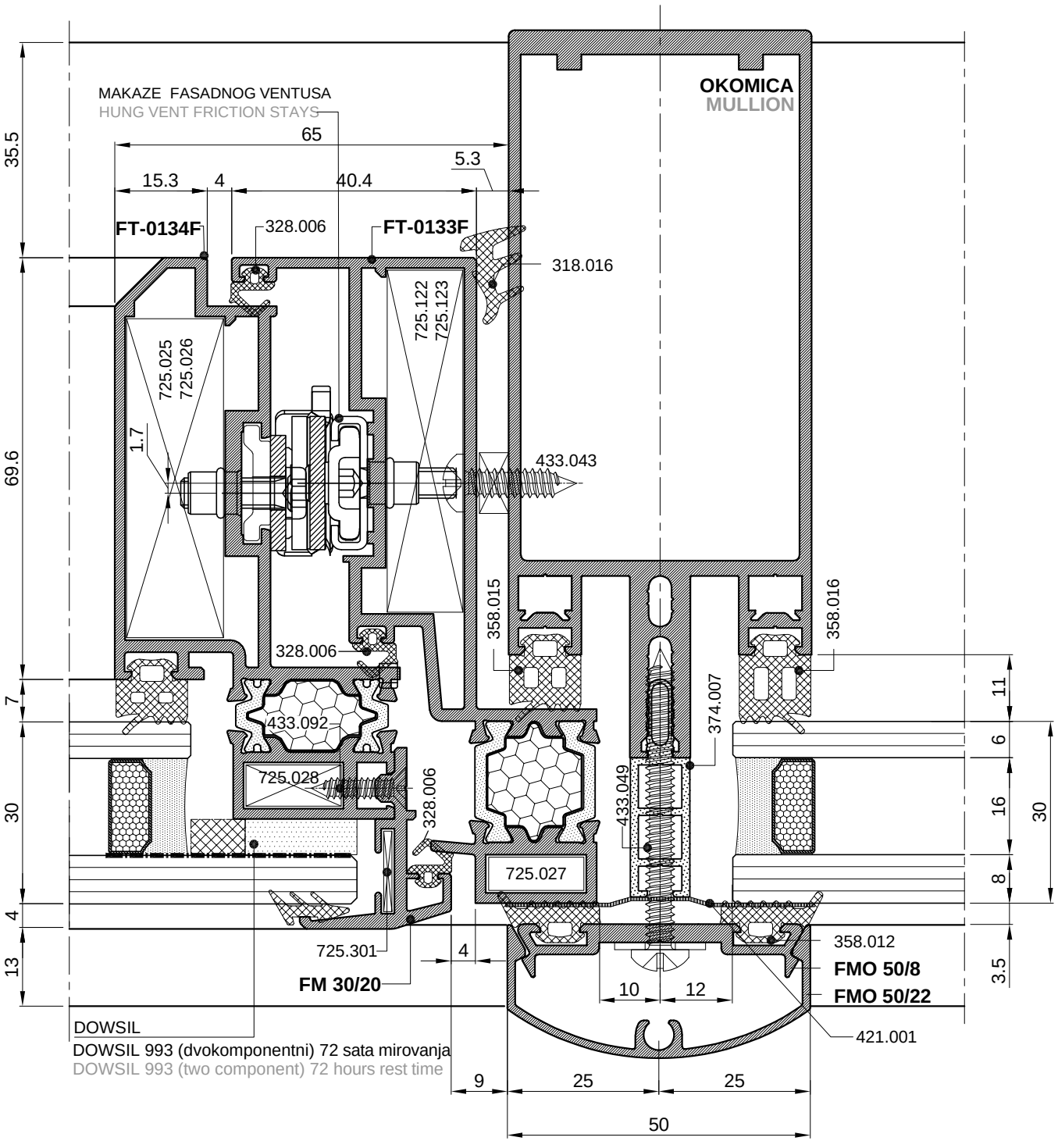


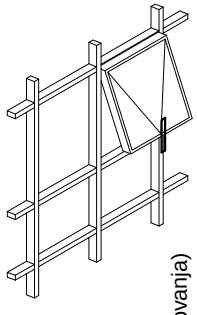

3.5
13.5
30
5
370.037
12
50
FMV 50/14-K
FMV 50/8


3.5
14.5
30
5
370.037
12
50
FMV 50/14
FMO 50/8

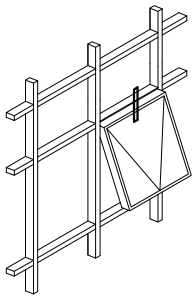

3.5
30
5
60
370.037
12
50
FMO 50/60
FMO 50/8

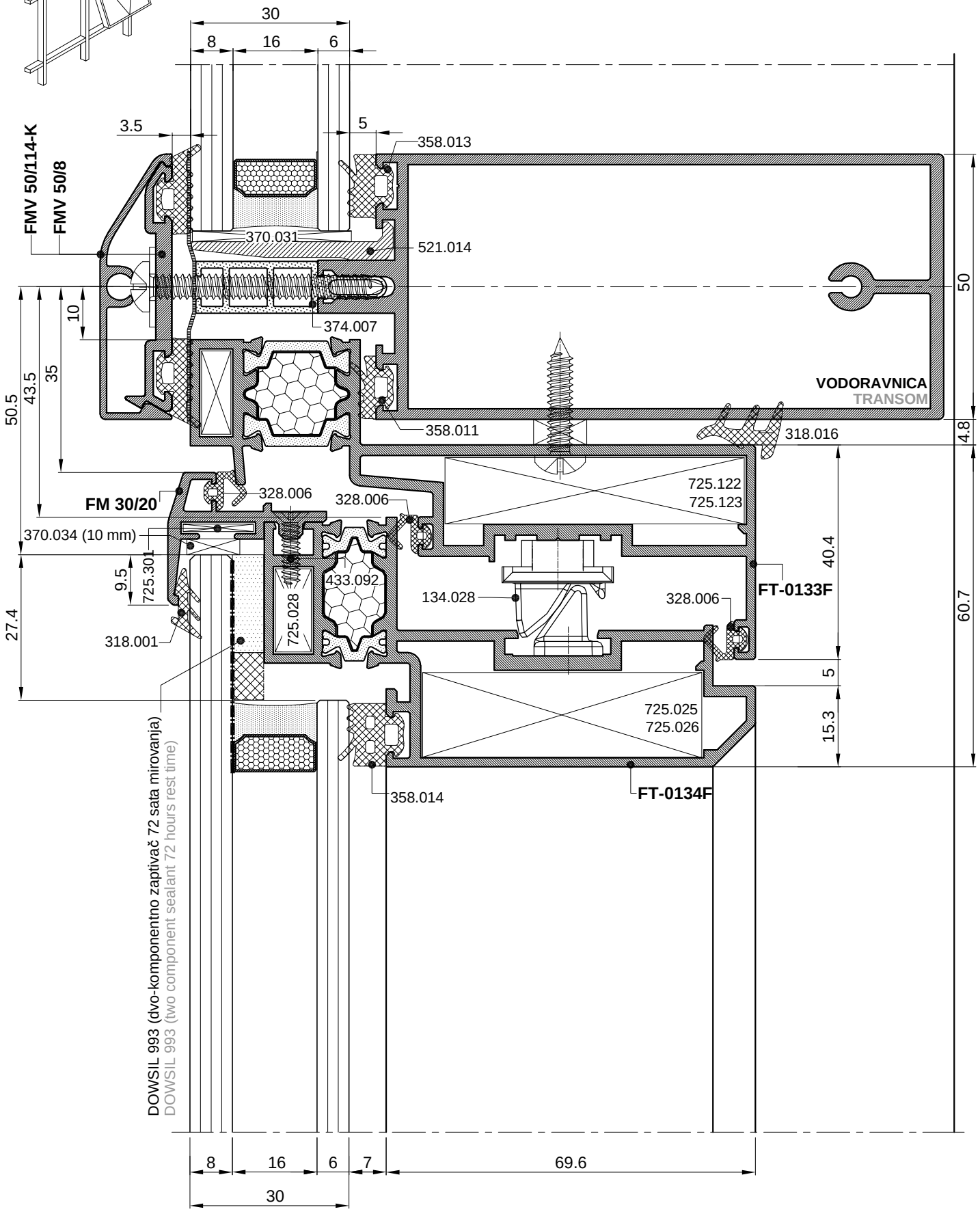


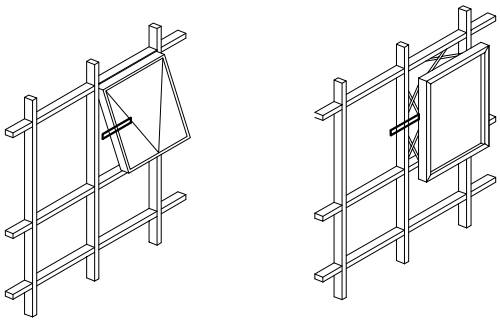

MAKAZE FASADNOG VENTUSA
HUNG VENT FRICTION STAYS
OKOMICA
MULLION
65
5.3
15.3
4
40.4
FT-0134F
328.006
FT-0133F
318.016
725.122
725.123
725.025
725.026
1.7
433.043
358.015
358.016
328.006
374.007
433.092
725.028
328.006
433.049
725.027
725.301
4
FM 30/20
358.012
FMO 50/8
FMO 50/22
421.001
10
12
DOWSIL
DOWSIL 993 (dvokomponentni) 72 sata mirovanja
DOWSIL 993 (two component) 72 hours rest time
9
25
25
50
35.5
69.6
7
30
4
13
11
6
16
8
3.5
30



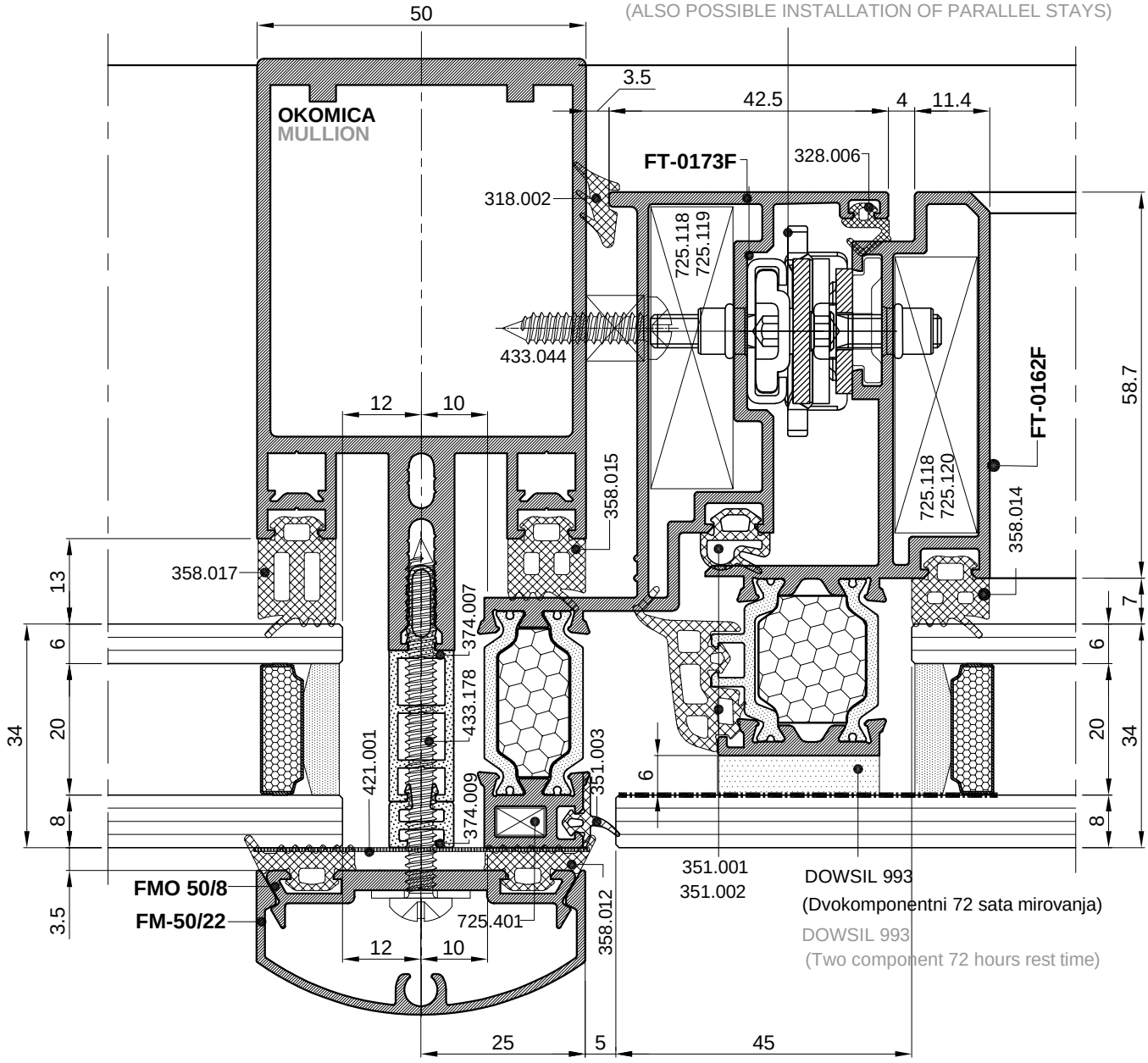
30
8
16
6
7
69.6
DOWSIL
DOWSIL 993 (dvo-komponentno zaptivač 72 sata mirovanja)
DOWSIL
DOWSIL 993 (two component sealant 72 hours rest time)
358.014
FT-0134F
725.025
725.026
15.3
377.013
5
521.005
318.001
725.028
433.092
328.006
FT-0133F
60.7
26.9
9.5
725.301
40.4
370.034 (10 mm)
328.006
328.006
FM 30/20
725.122
725.123
10.49
318.016
5.3
51
44
35.5
725.027
358.011
433.044
370.031
521.014
10.5
50
12
421.001
374.007
FMV 50/114-K
FMV 50/8
VODORAVNICA
TRANSOM
358.012
358.013
3.5
8
16
6
5
30




30
8
16
6
3.5
5
358.013
FMV 50/114-K
FMV 50/8
370.031
521.014
50
10
374.007
50.5
43.5
35
VODORAVNICA
TRANSOM
358.011
318.016
4.8
FM 30/20
328.006
328.006
725.122
725.123
370.034 (10 mm)
9.5
725.301
433.092
725.028
134.028
328.006
FT-0133F
40.4
60.7
27.4
318.001
5
725.025
725.026
15.3
358.014
FT-0134F
DOWSIL 993 (dvo-komponentno zaptivač 72 sata mirovanja)
DOWSIL 993 (two component sealant 72 hours rest time)
8
16
6
7
69.6
30



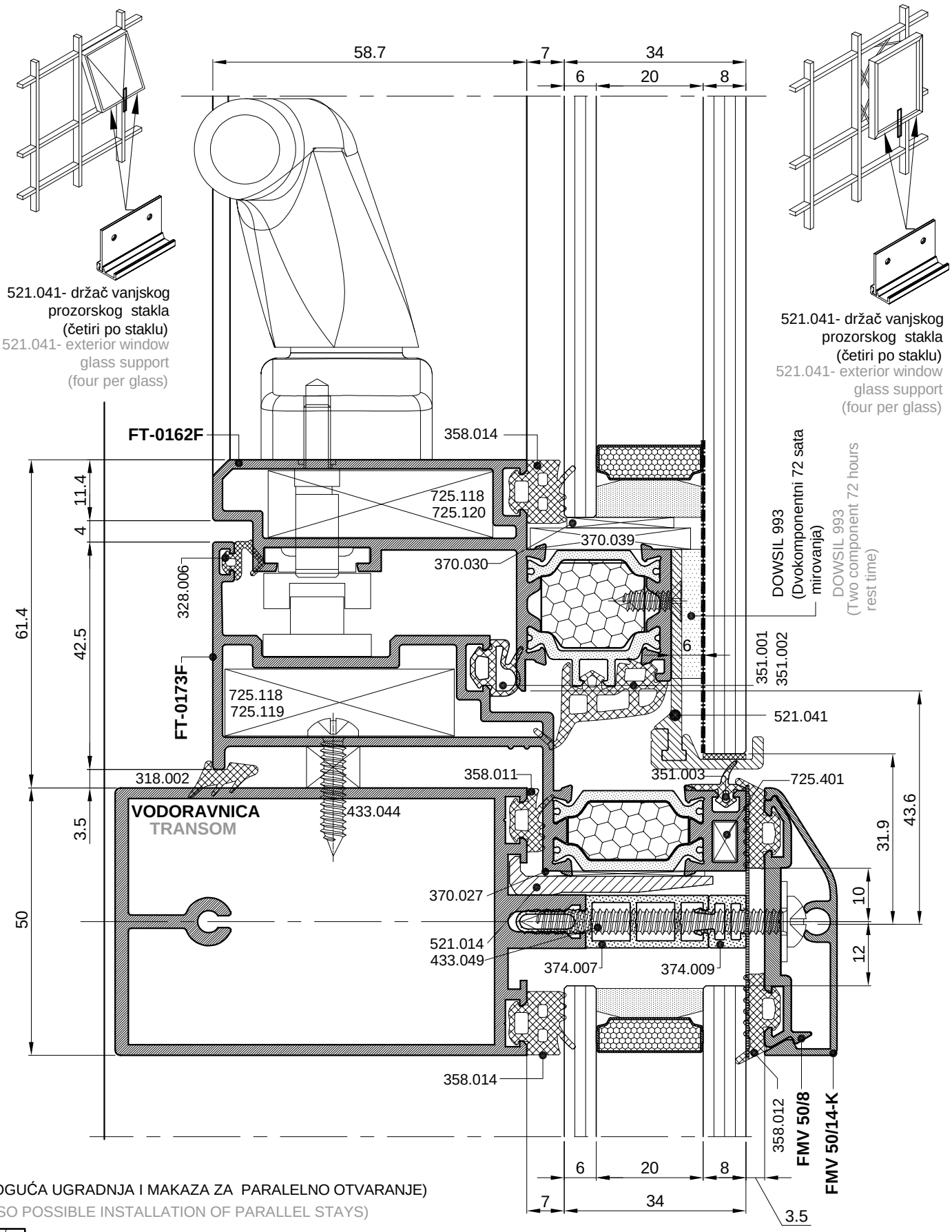
MAKAZE FASADNOG VENTUSA
HUNG VENT FRICTION STAYS
(MOGUĆA UGRADNJA I MAKAZA ZA PARALELNO OTVARANJE)
(ALSO POSSIBLE INSTALLATION OF PARALLEL STAYS)



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 OLDER THAN 6 MONTHS AGO

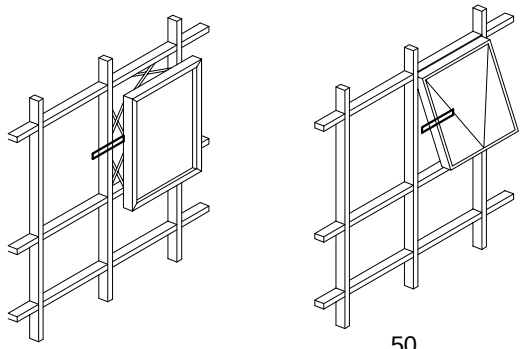
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

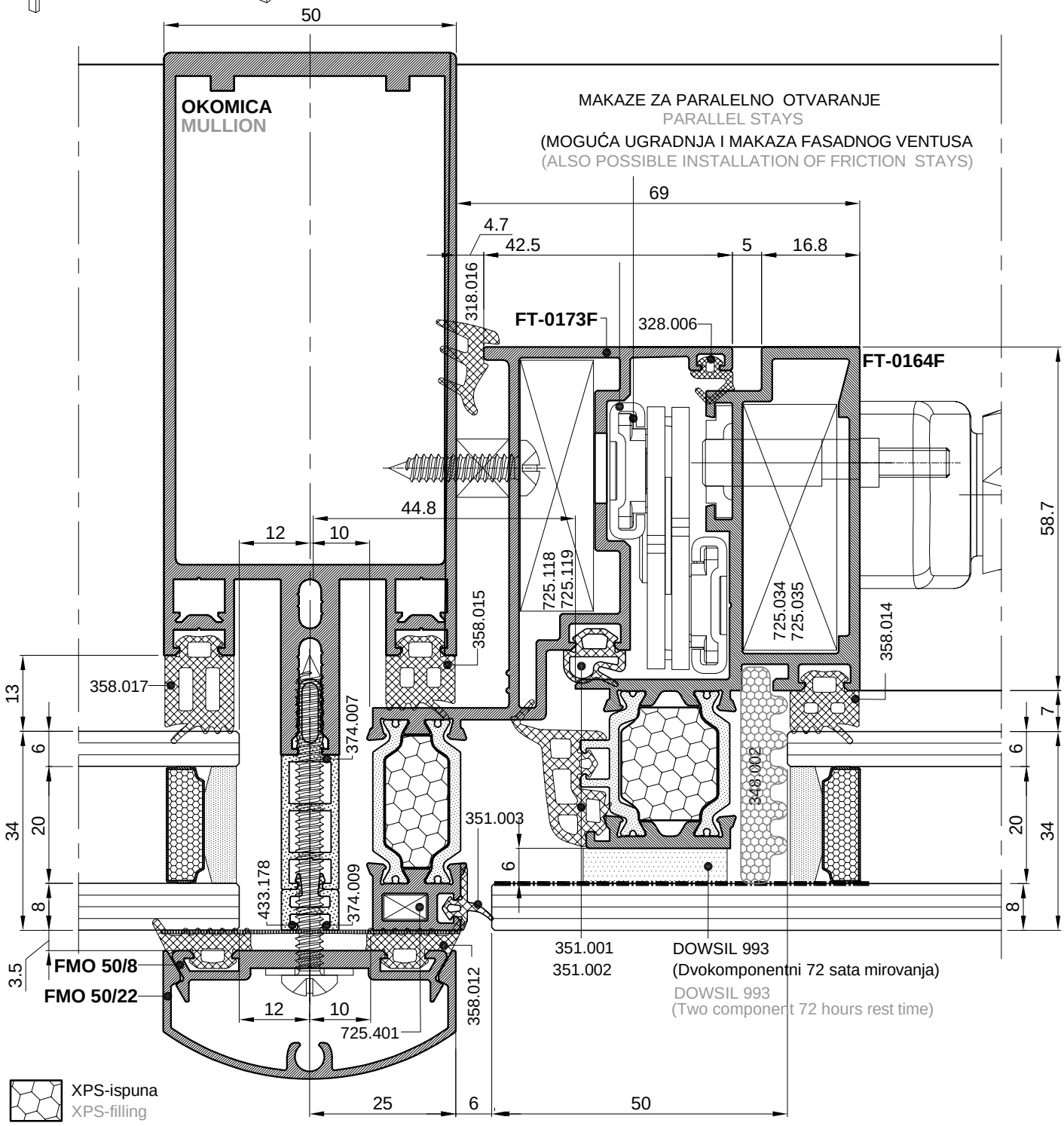


(MOGUĆA UGRADNJA I MAKAZA ZA PARALELNO OTVARANJE)
(ALSO POSSIBLE INSTALLATION OF PARALLEL STAYS)

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 OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



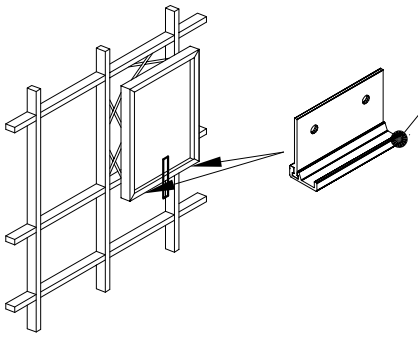


**VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

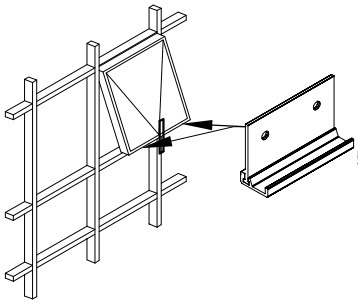
**EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS AGO

DEBLJINA STRUKTURALNOG KITA min 6mm

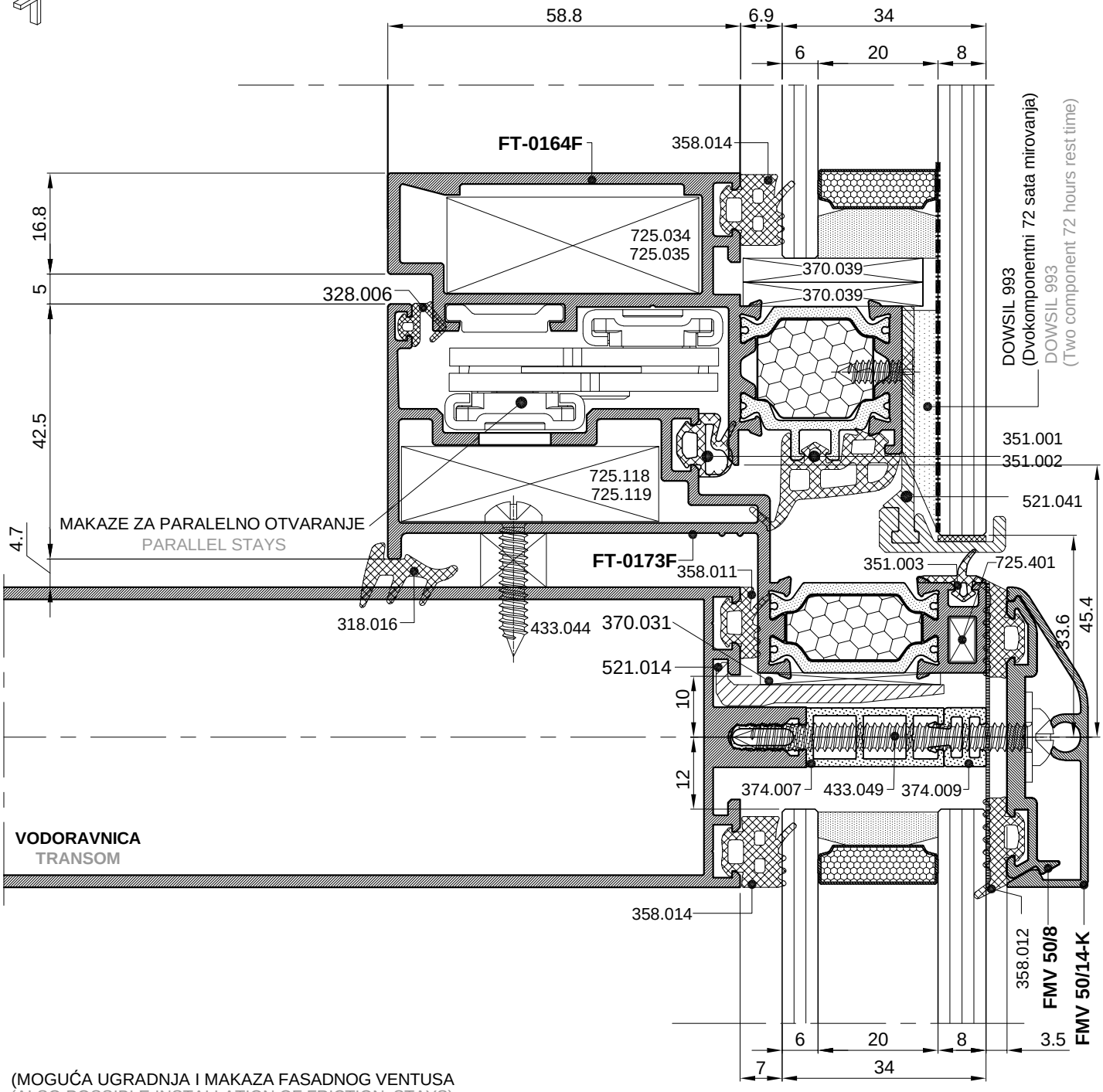
STRUCTURAL SEALANT THICKNESS min 6mm



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



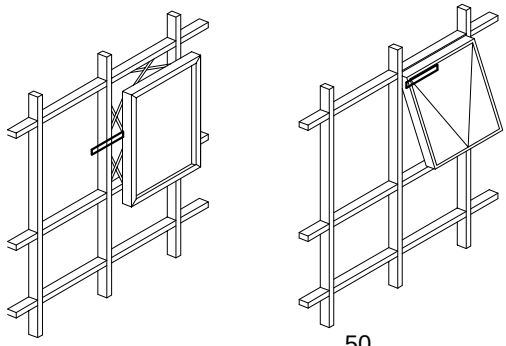
521.041- držač vanjskog prozorskog stakla (četiri po staklu)
521.041- exterior window glass support (four per glass)

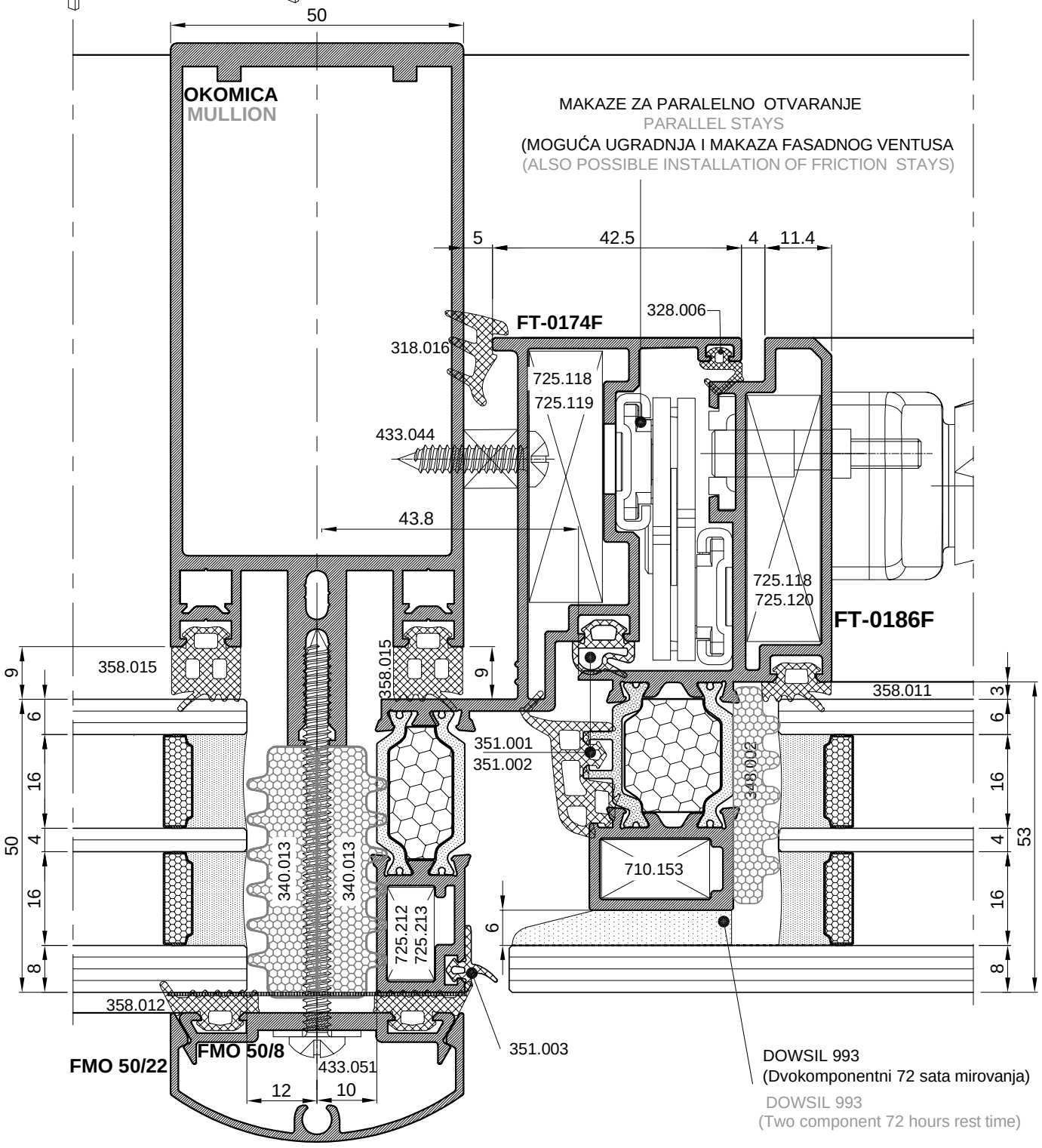


(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS)

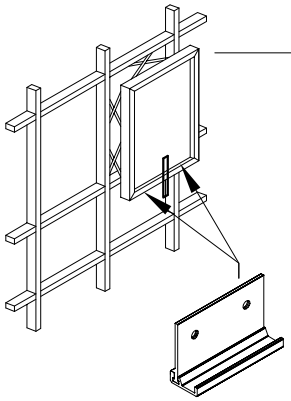
XPS-ispuna
XPS-filling

**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 OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

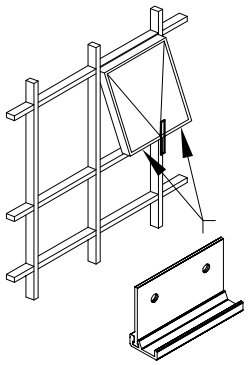




**VANJSKA STRANA PROFILA FT-0186 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILE FT-0174 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



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



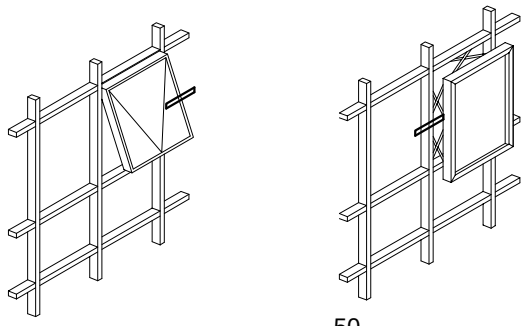
521.041- držač vanjskog prozorskog stakla (četiri po staklu)
521.041- exterior window glass support (four per glass)

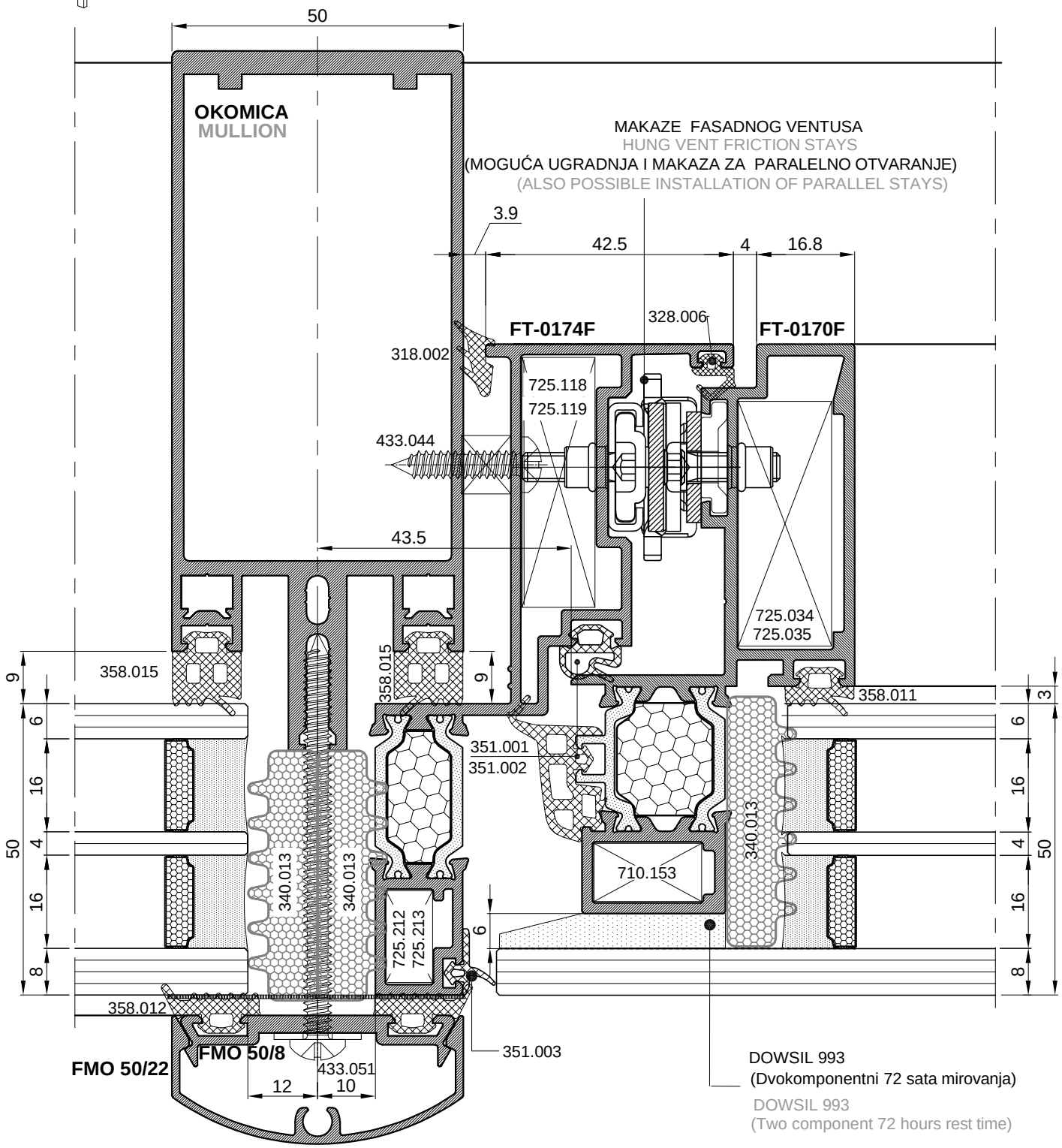
(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS)

XPS-ispuna
XPS-filling

**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 OLDER THAN 6 MONTHS AGO

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



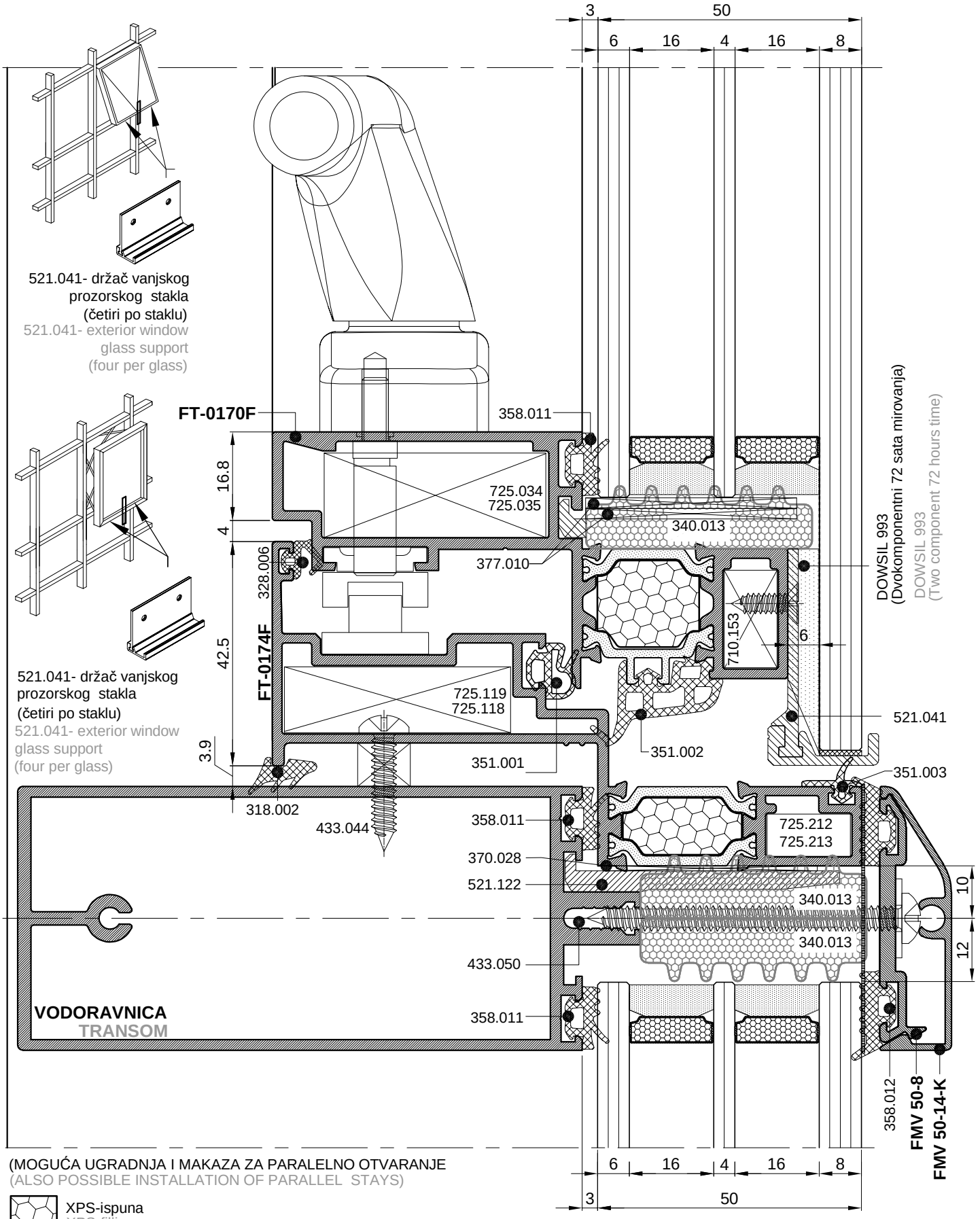


**VANJSKA STRANA PROFILA FT-0170 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

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

DEBLJINA STRUKTURALNOG KITA 6 min mm

STRUCTURAL SEALANT THICKNESS min 6 mm

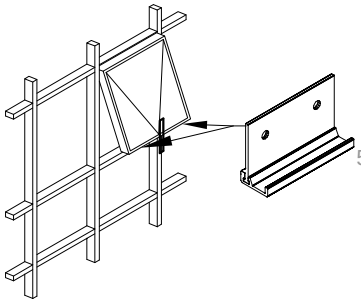


(MOGUĆA UGRADNJA I MAKAZA ZA PARALELNO OTVARANJE
(ALSO POSSIBLE INSTALLATION OF PARALLEL STAYS)

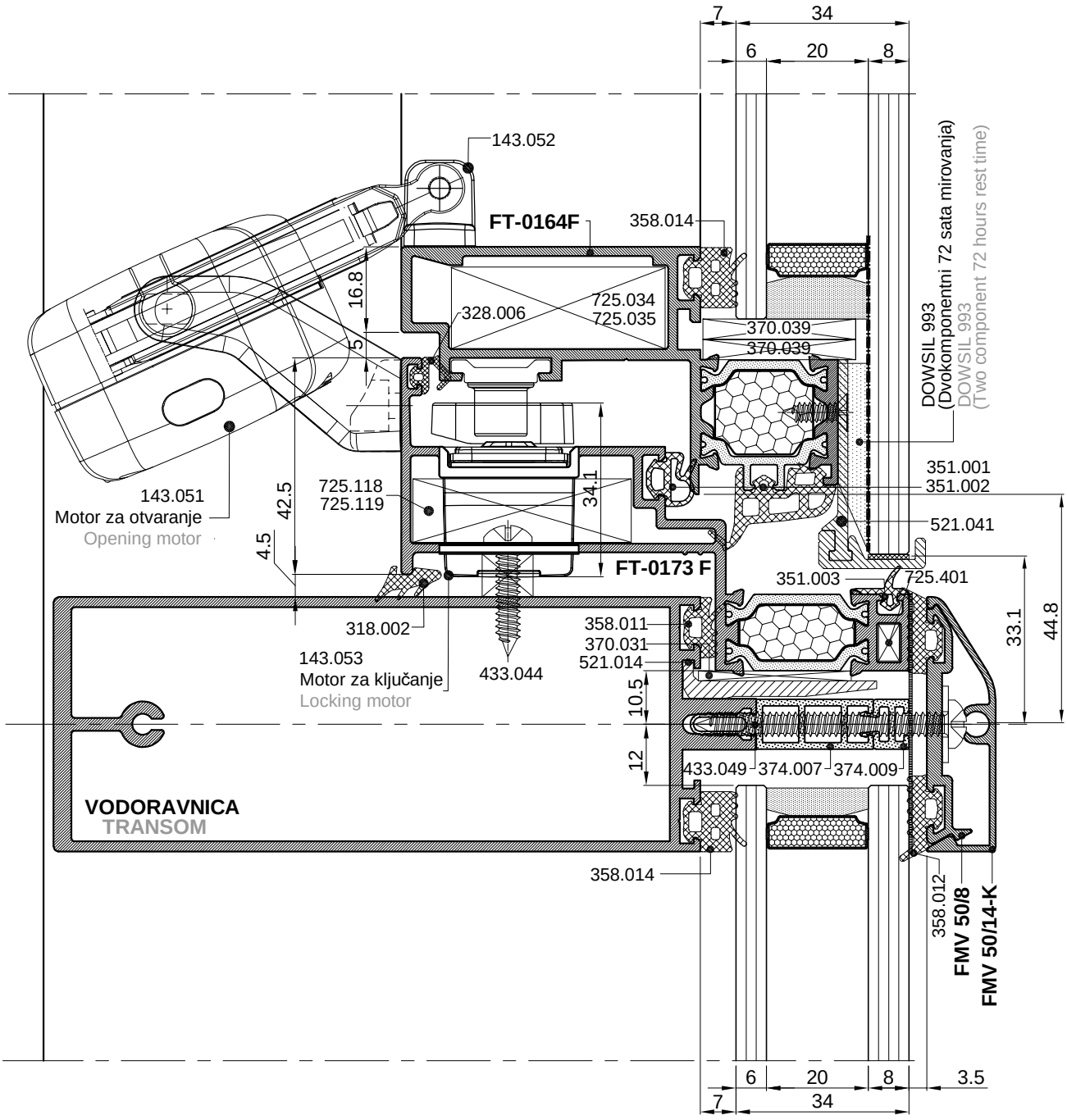
XPS-ispuna
XPS-filling

**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 OLDER THAN 6 MONTHS AGO

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

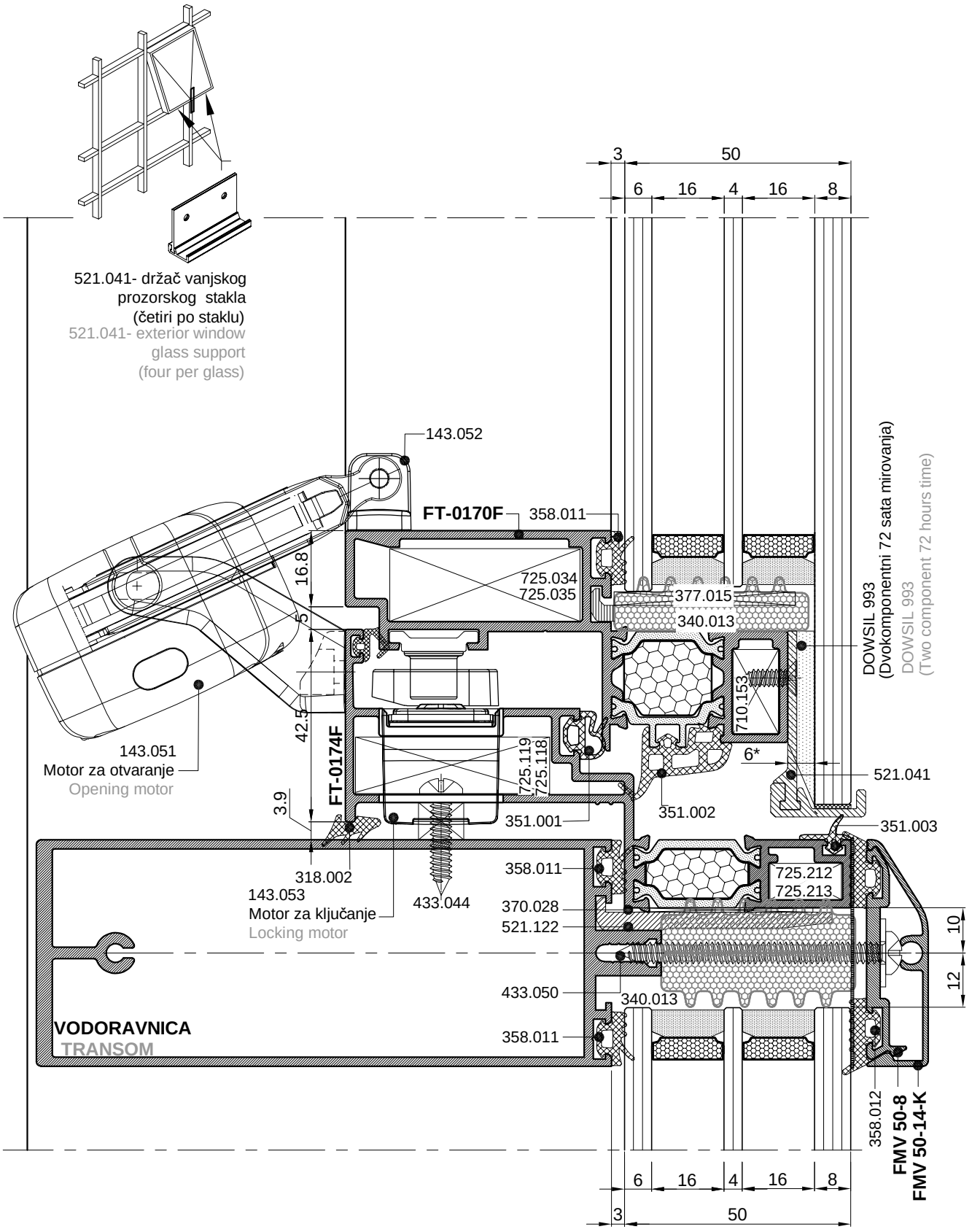


521.041- držač vanjskog prozorskog stakla (četiri po staklu)
521.041- exterior window glass support (four per glass)



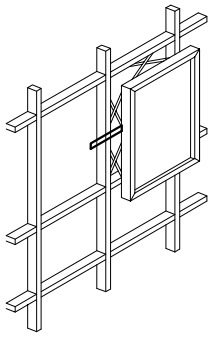
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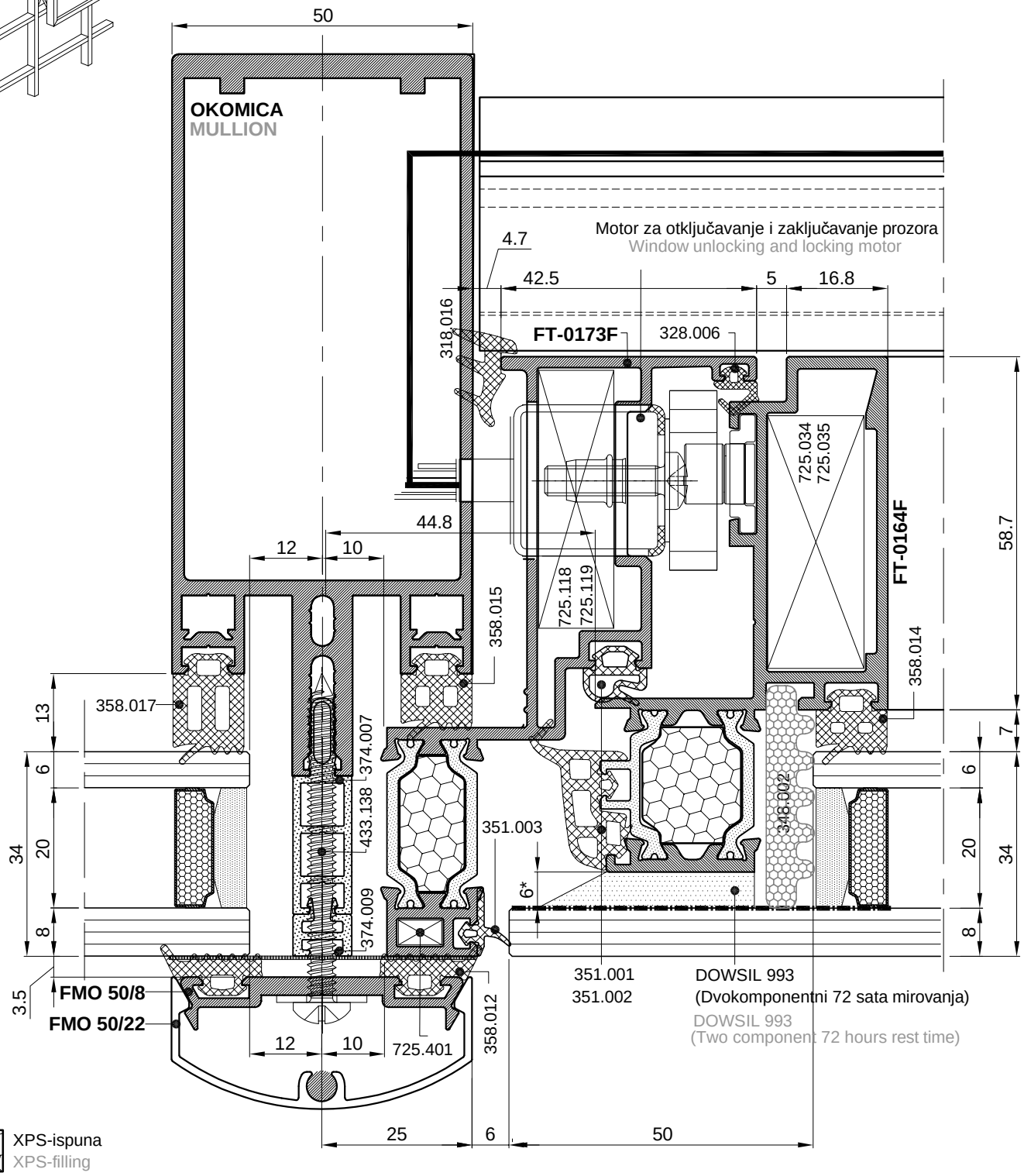
**VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILE FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



XPS-ispuna
XPS-filling

**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 OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA min 6 mm
STRUCTURAL SEALANT THICKNESS min 6 mm



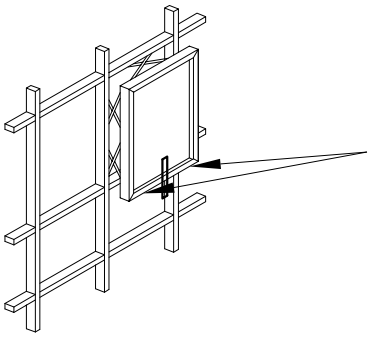


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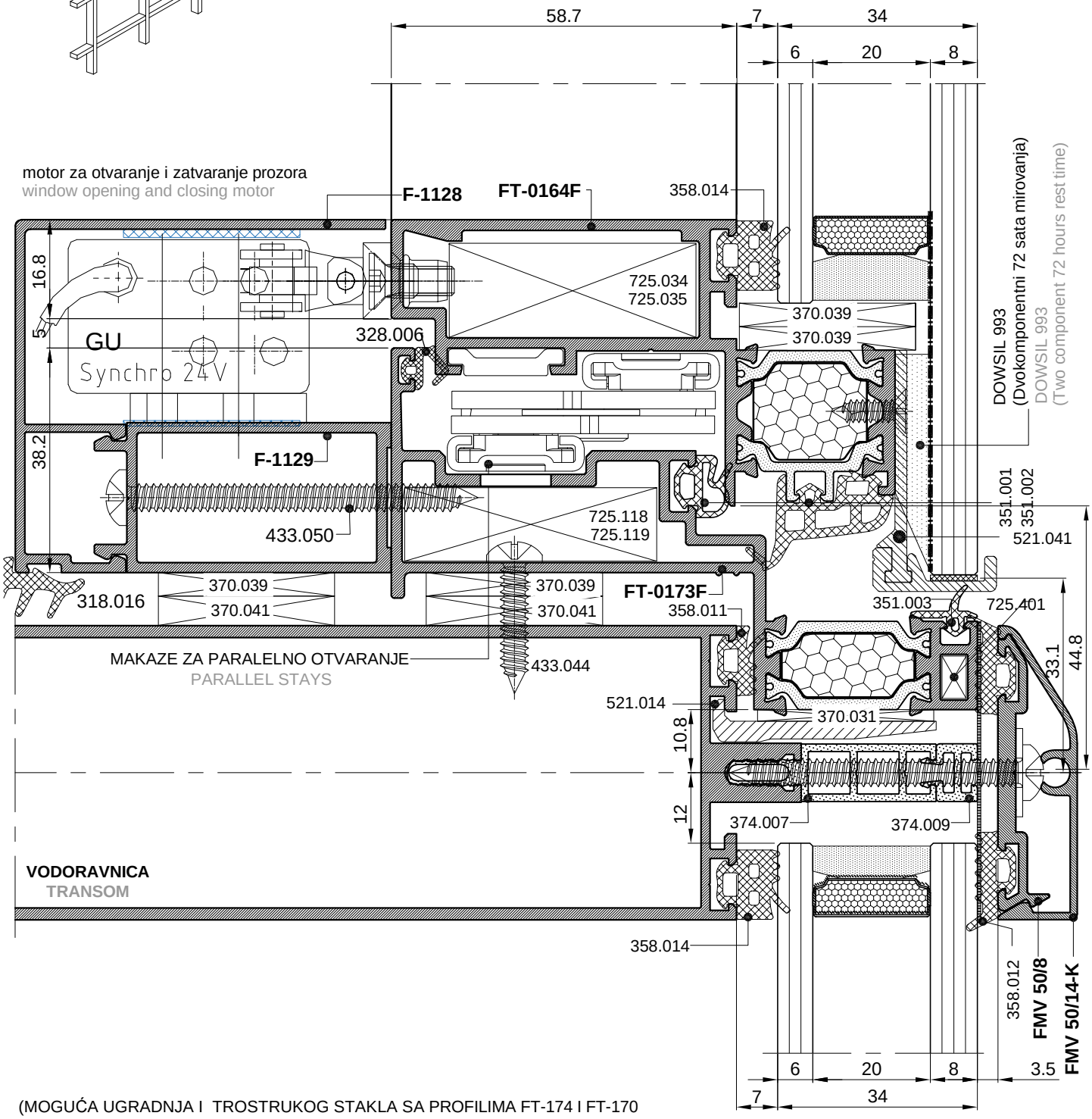
(MOGUĆA UGRADNJA I TROSTRUKOG STAKLA SA PROFILIMA FT-174 I FT-170
(ALSO POSSIBLE INSTALLATION OF TRIPLE PANE GLASS WITH PROFILES FT-174 AND FT-170)

**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 OLDER 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)



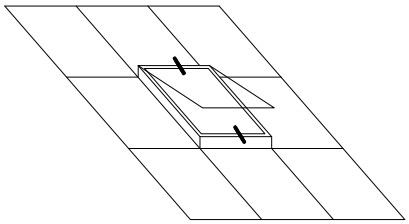
(MOGUĆA UGRADNJA I TROSTRUKOG STAKLA SA PROFILIMA FT-174 I FT-170
(ALSO POSSIBLE INSTALLATION OF TRIPLE PANE GLASS WITH PROFILES FT-174 AND FT-170)

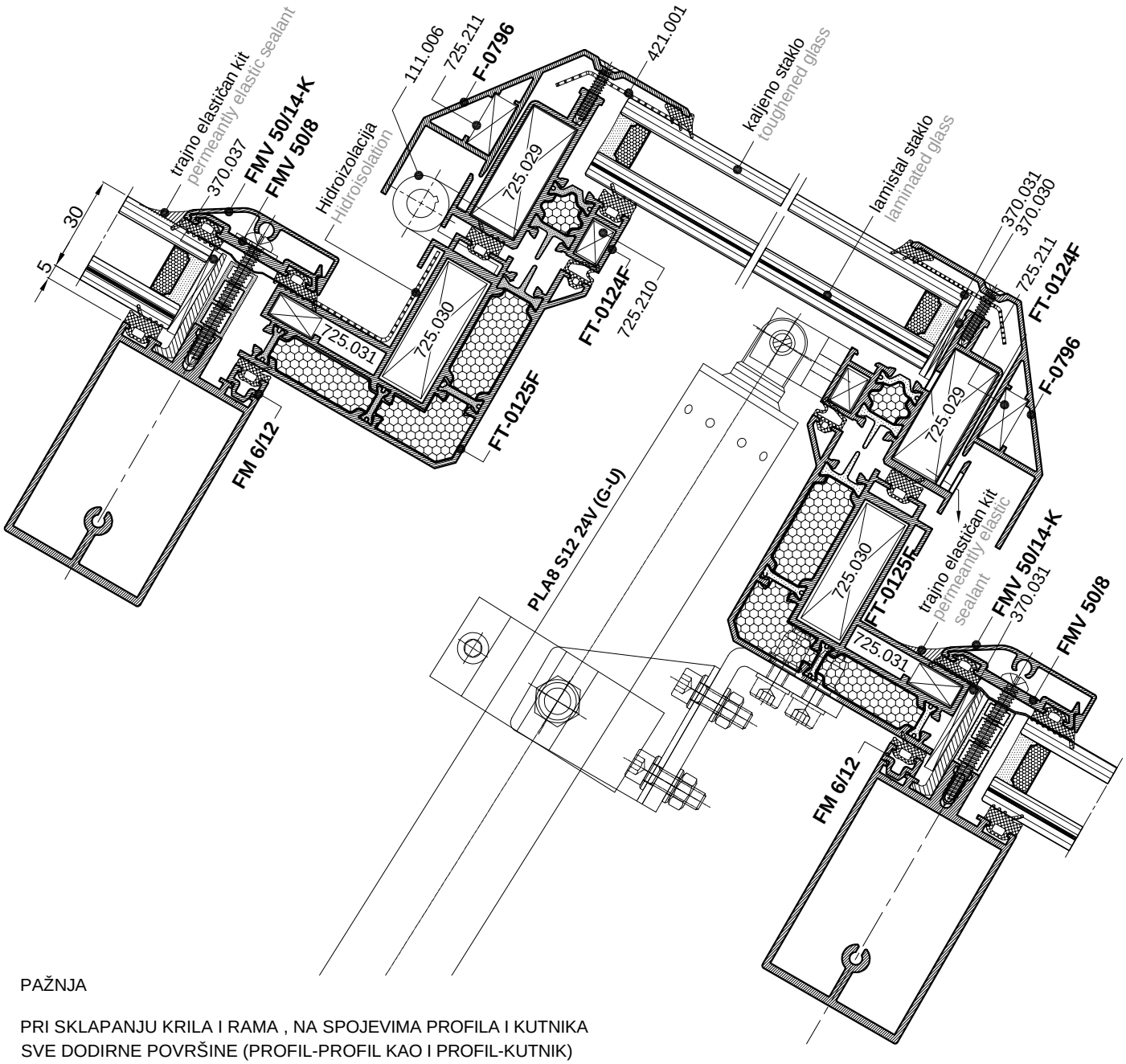
XPS-ispuna
XPS-filling

**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 OLDER THAN 6 MONTHS AGO

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

NAPOMENA:
Mogućnost ugradnje motora za krovni prozor
s navojnim vretenom 230V
The possibility of installing a motor for a skylight
with a screw spindle 230V



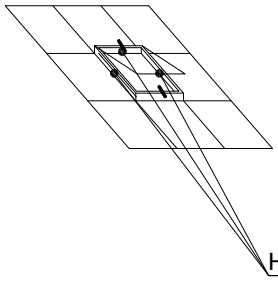


PAŽNJA

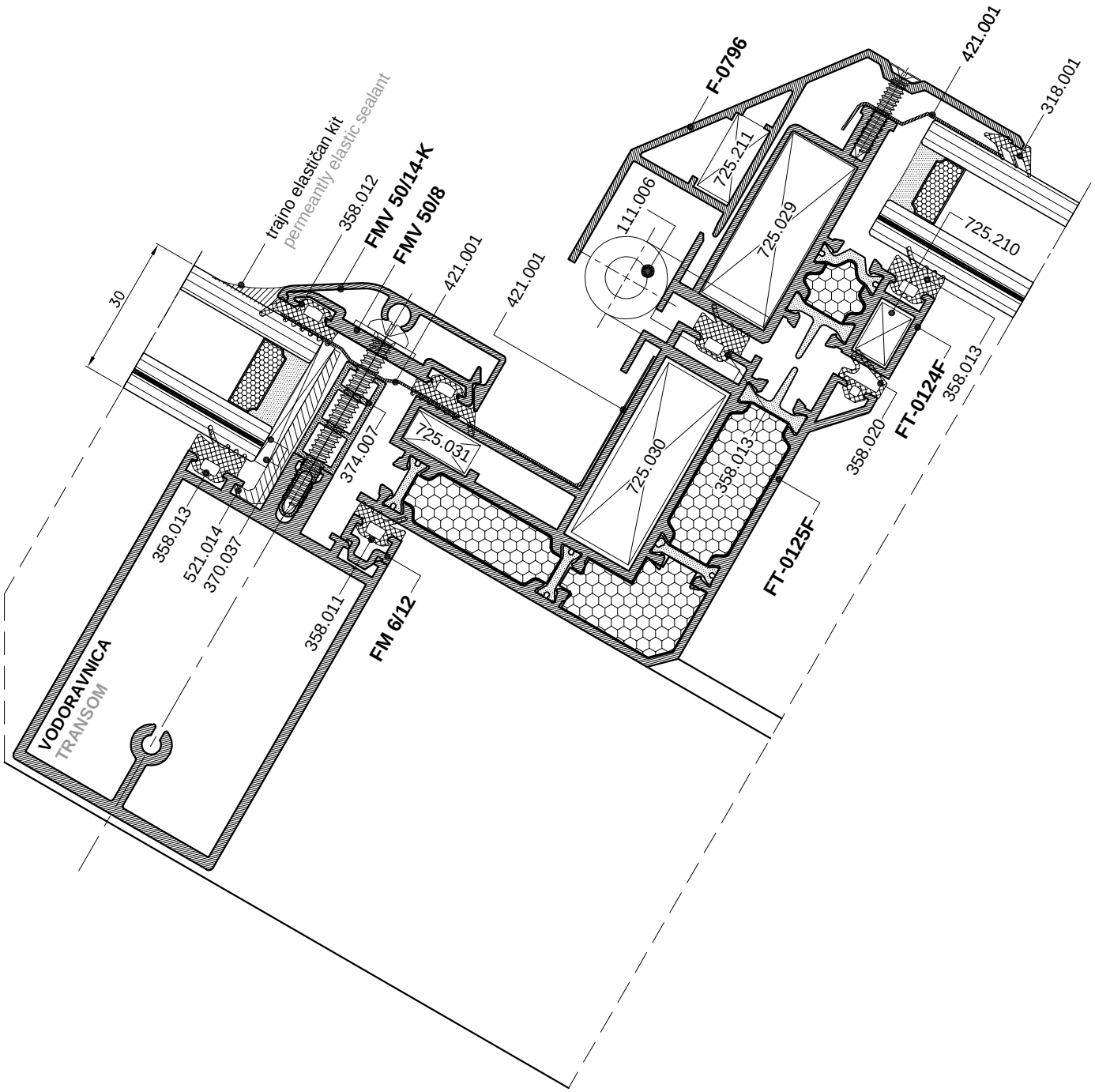
PRI SKLAPANJU KRILA I RAMA , NA SPOJEVIMA PROFILA I KUTNIKA
SVE DODIRNE POVRŠINE (PROFIL-PROFIL KAO I PROFIL-KUTNIK)
OBAVEZNO LIJEPITI I ZAPUNITI DVOKOMPONENTNIM KITOM ZBOG POVEĆANJA
ČVRSTOĆE I ZAPTIVENOSTI SPOJA.

ATTENTION

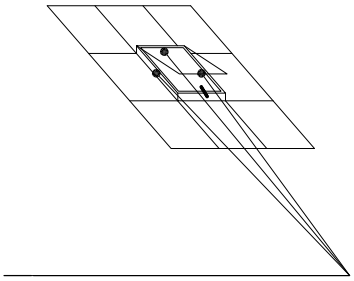
BY ASSEMBLY OF FRAME AND SASH, ON CONNECTIONS OF PROFILES AND CORNER JOINTS ALL
THE CONTACT SURFACES (PROFILE-PROFILE AND PROFILE-CORNER JOINT)
MUST BE GLUEAD AND FILLED WITH TWO COMPONENT SEALANT FOR BETTER FIRMNESS AND
SEALING.



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

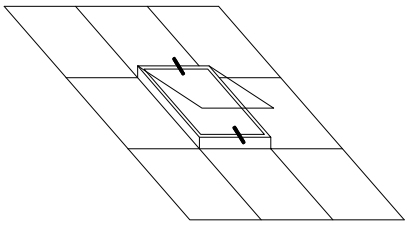


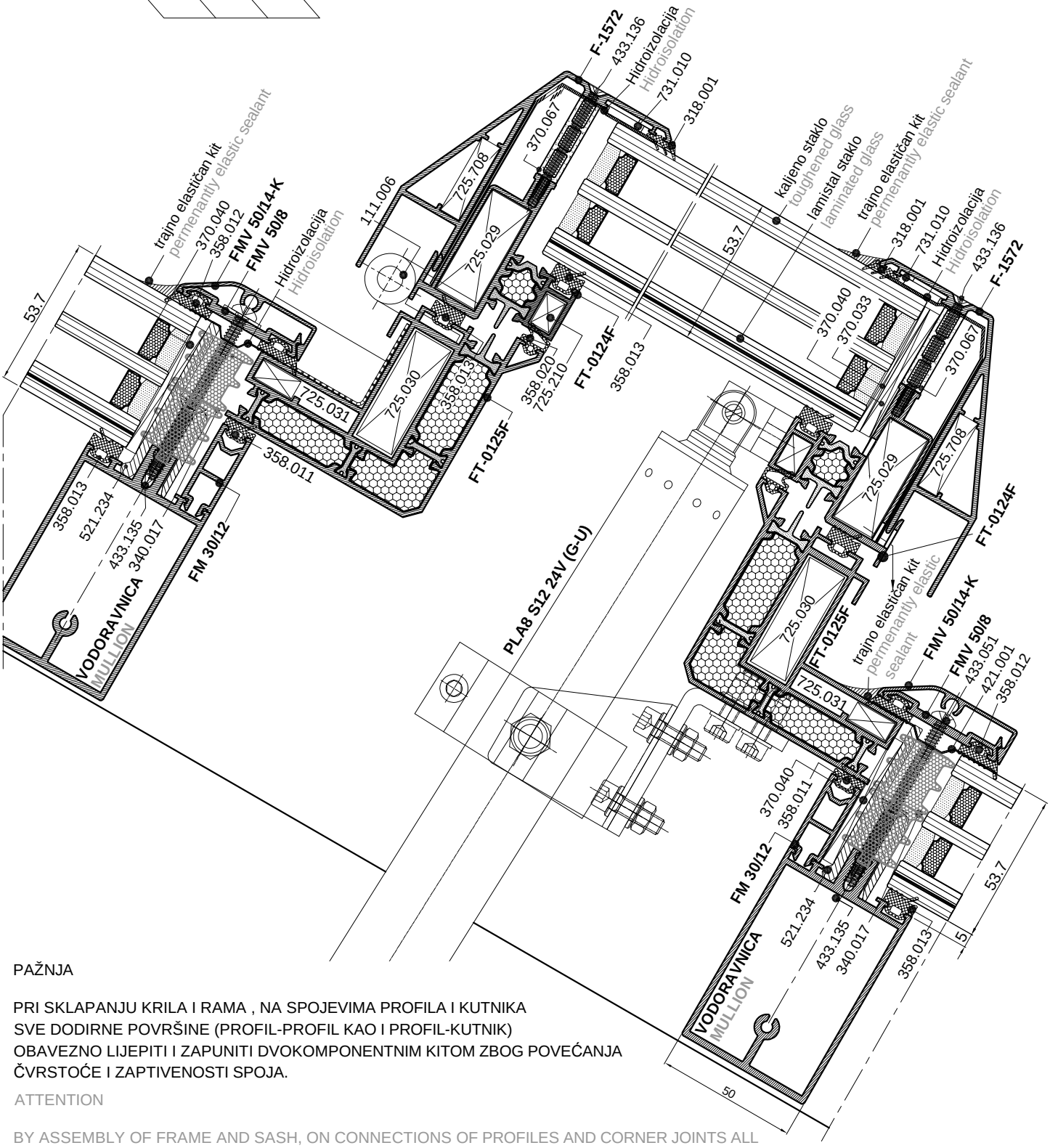
NAPOMENA:
Mogućnost ugradnje motora za krovni prozor s navojnim vretenom 230V
The possibility of installing a motor for a skylight with a screw spindle 230V



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

NAPOMENA:
Mogućnost ugradnje motora za krovni prozor s navojnim vretenom 230V
The possibility of installing a motor for a skylight with a screw spindle 230V



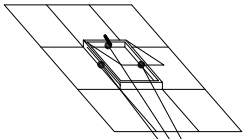


PAŽNJA

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.

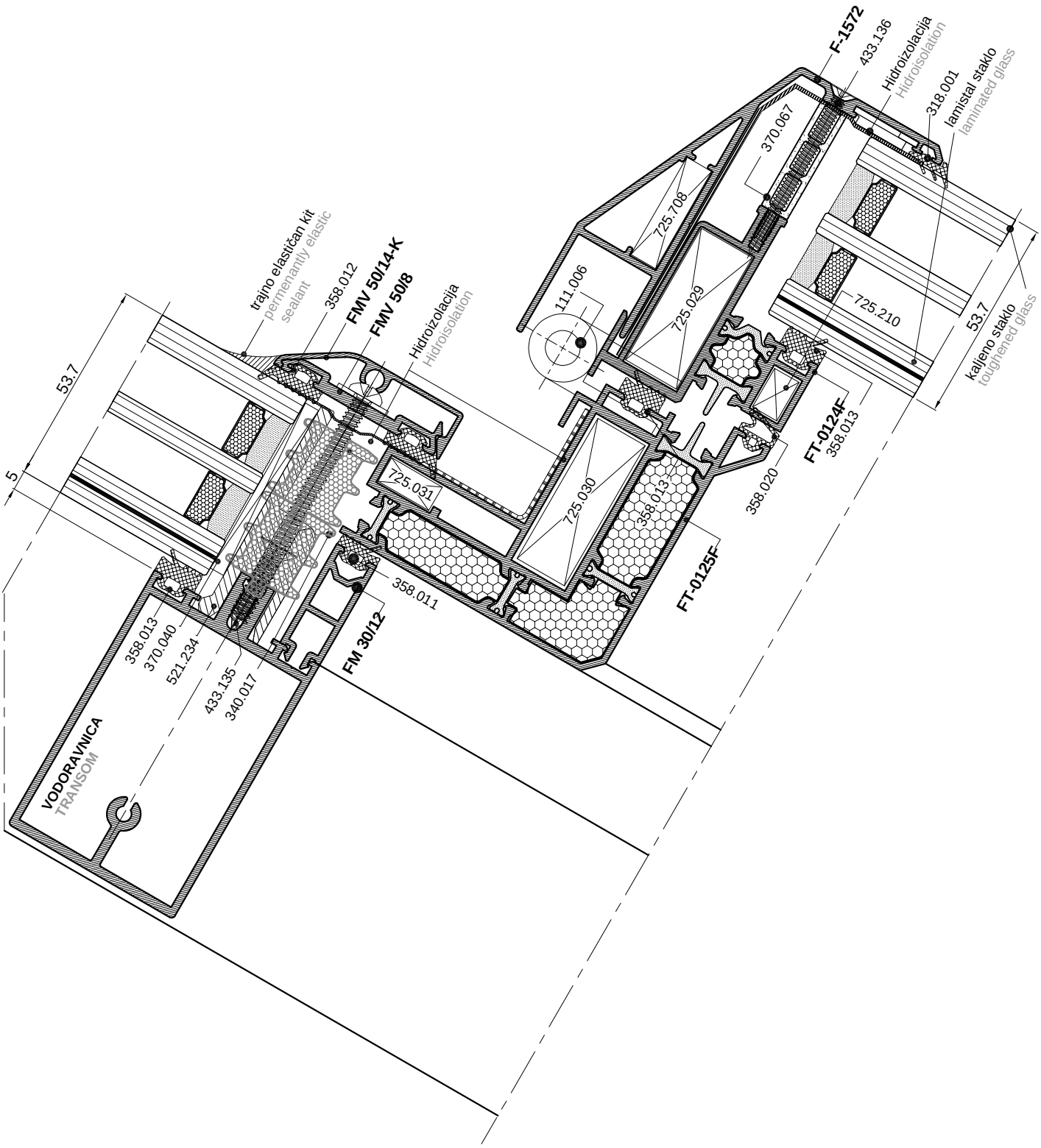
ATTENTION

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.

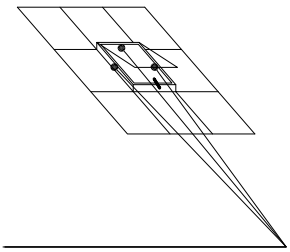


HIDROIZOLACIJA (BUTILNA TRAKA SA AL FOLIJOM
- SPOJEVE OBAVEZNO LIJEPITI

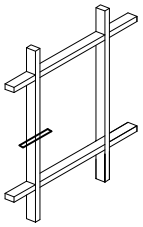
HIDROISOLATION (BUTIL STRIP WITH AL FOLIE)
CONNECTIONS MUST BE SEALED

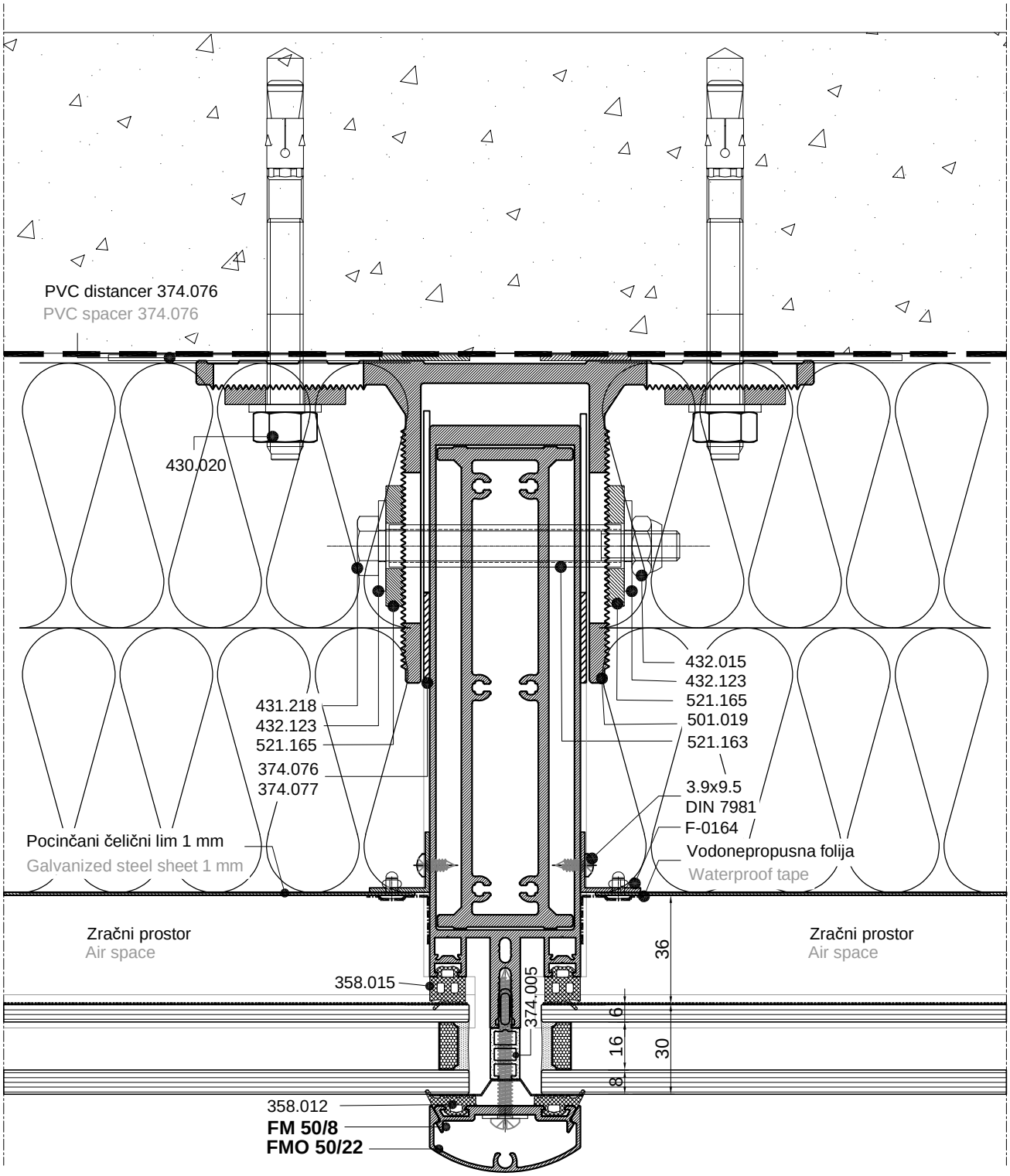


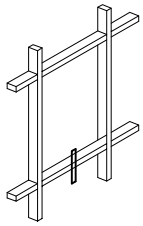
NAPOMENA:
Mogućnost ugradnje motora za krovni prozor s navojnim vretenom 230V
The possibility of installing a motor for a skylight with a screw spindle 230V

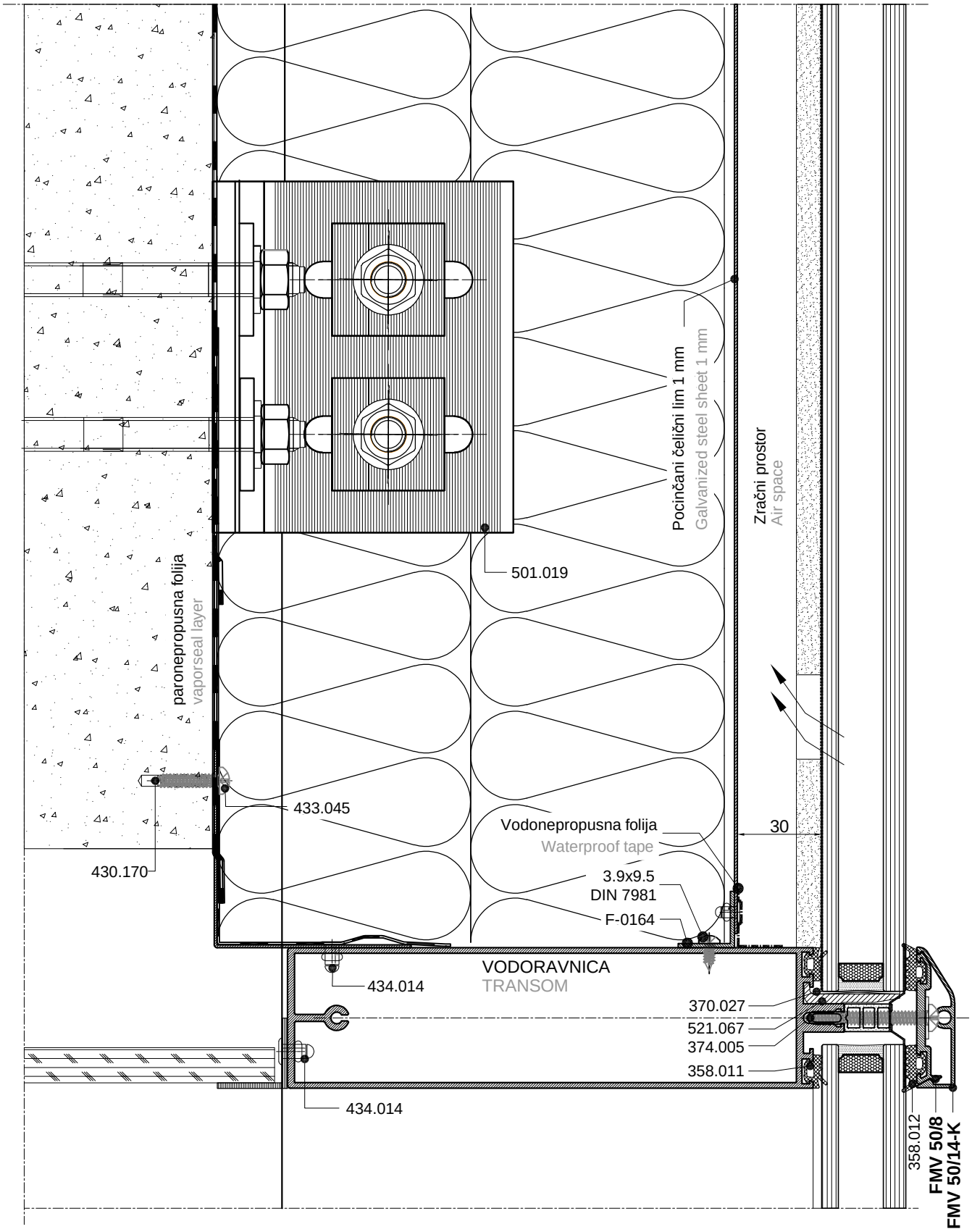


HIDROIZOLACIJA (BUTILNA TRAKA SA AL FOLIJOM - SPOJEVE OBAVEZNO LIJEPITI
HIDROISOLATION (BUTIL STRIP WITH AL FOLIE) CONNECTIONS MUST BE SEALED

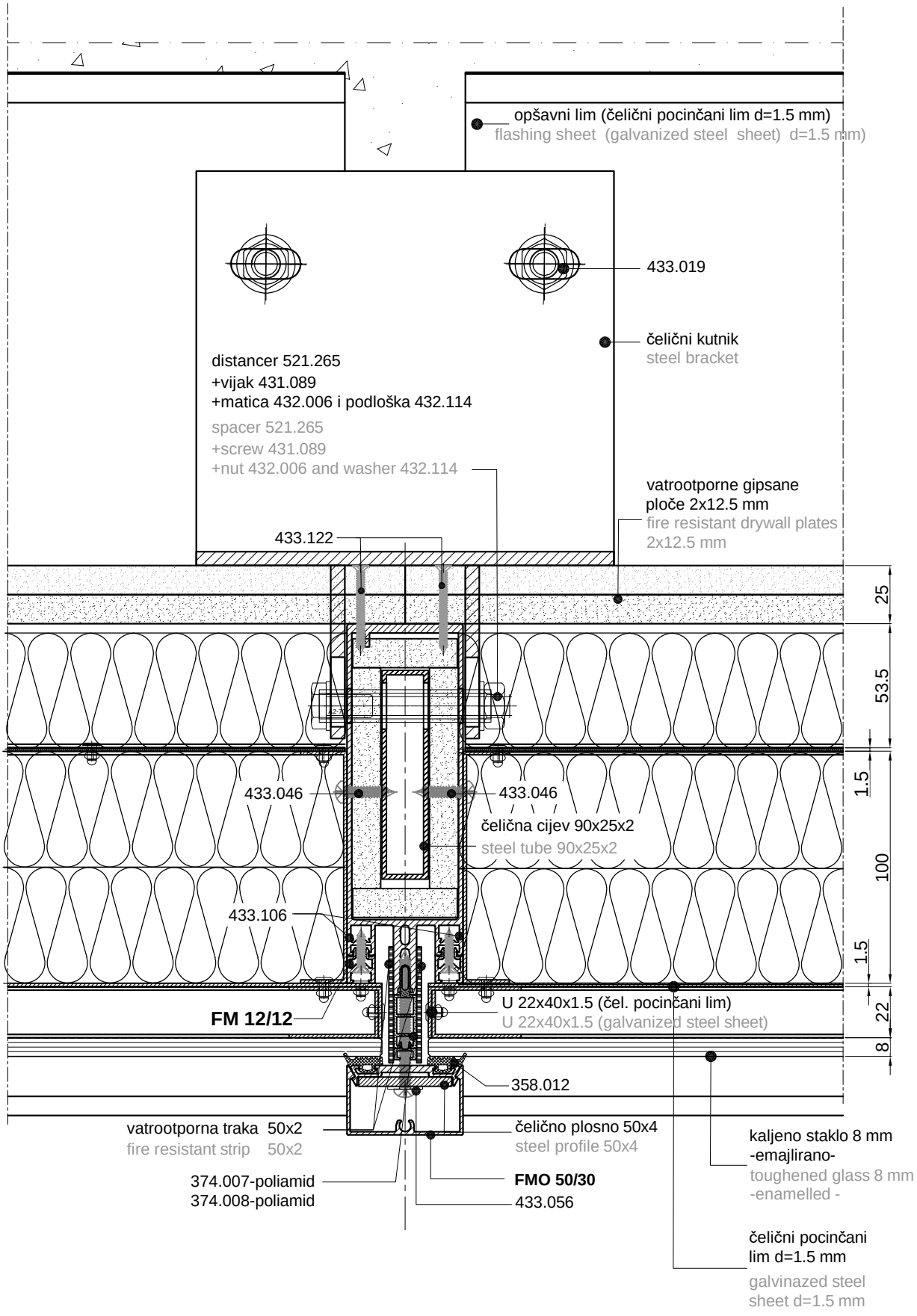



PVC distancer 374.076
PVC spacer 374.076
430.020
431.218
432.123
521.165
374.076
374.077
Pocinčani čelični lim 1 mm
Galvanized steel sheet 1 mm
432.015
432.123
521.165
501.019
521.163
3.9x9.5
DIN 7981
F-0164
Vodonepropusna folija
Waterproof tape
Zračni prostor
Air space
Zračni prostor
Air space
358.015
374.005
358.012
FM 50/8
FMO 50/22
36
6
16
30
8



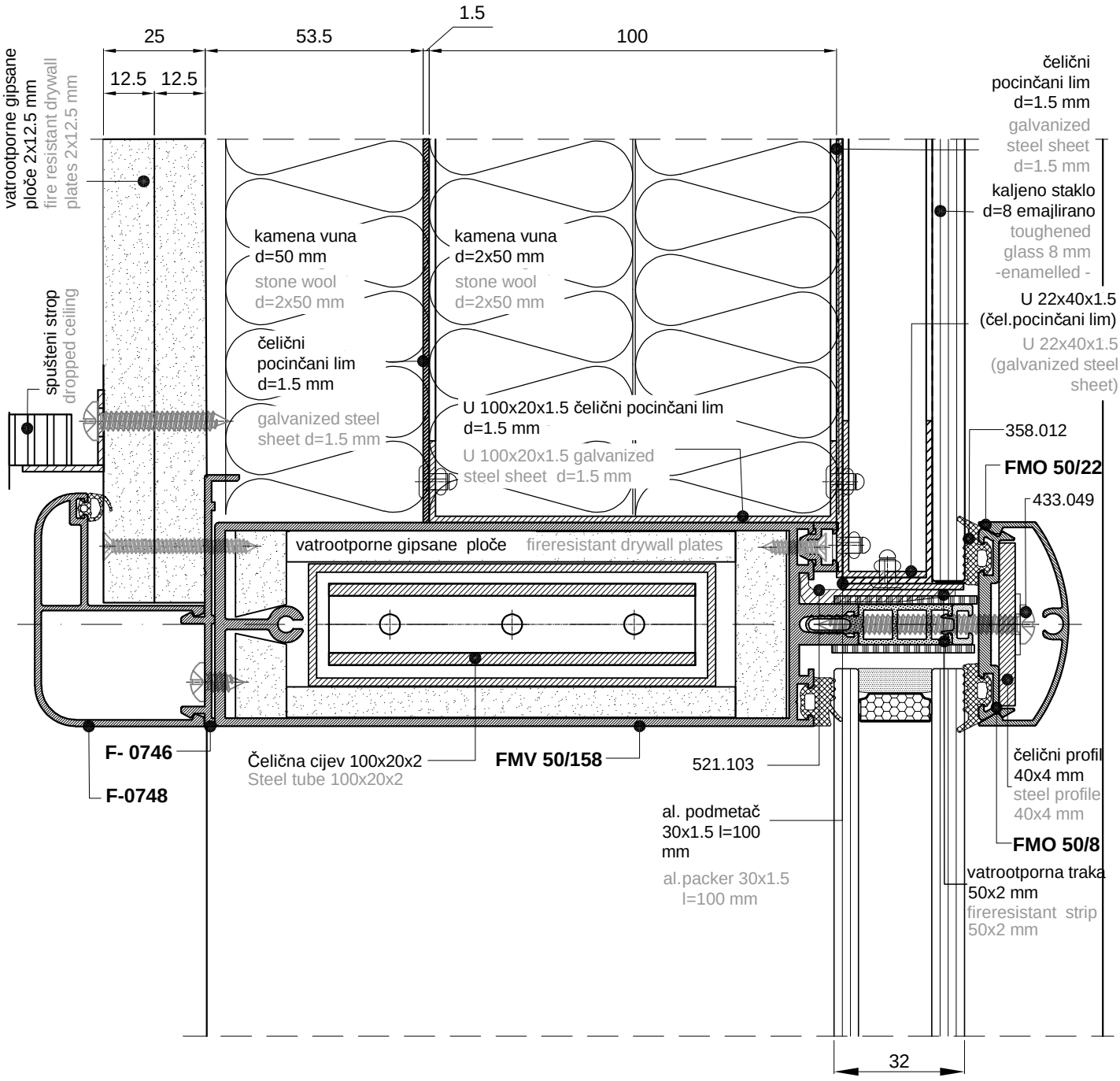

Pocinčani čelični lim 1 mm
Galvanized steel sheet 1 mm
Zračni prostor
Air space
501.019
paronepropusna folija
vaporseal layer
433.045
430.170
Vodonepropusna folija
Waterproof tape
30
3.9x9.5
DIN 7981
F-0164
VODORAVNICA
TRANSOM
434.014
370.027
521.067
374.005
358.011
434.014
358.012
FMV 50/8
FMV 50/14-K

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



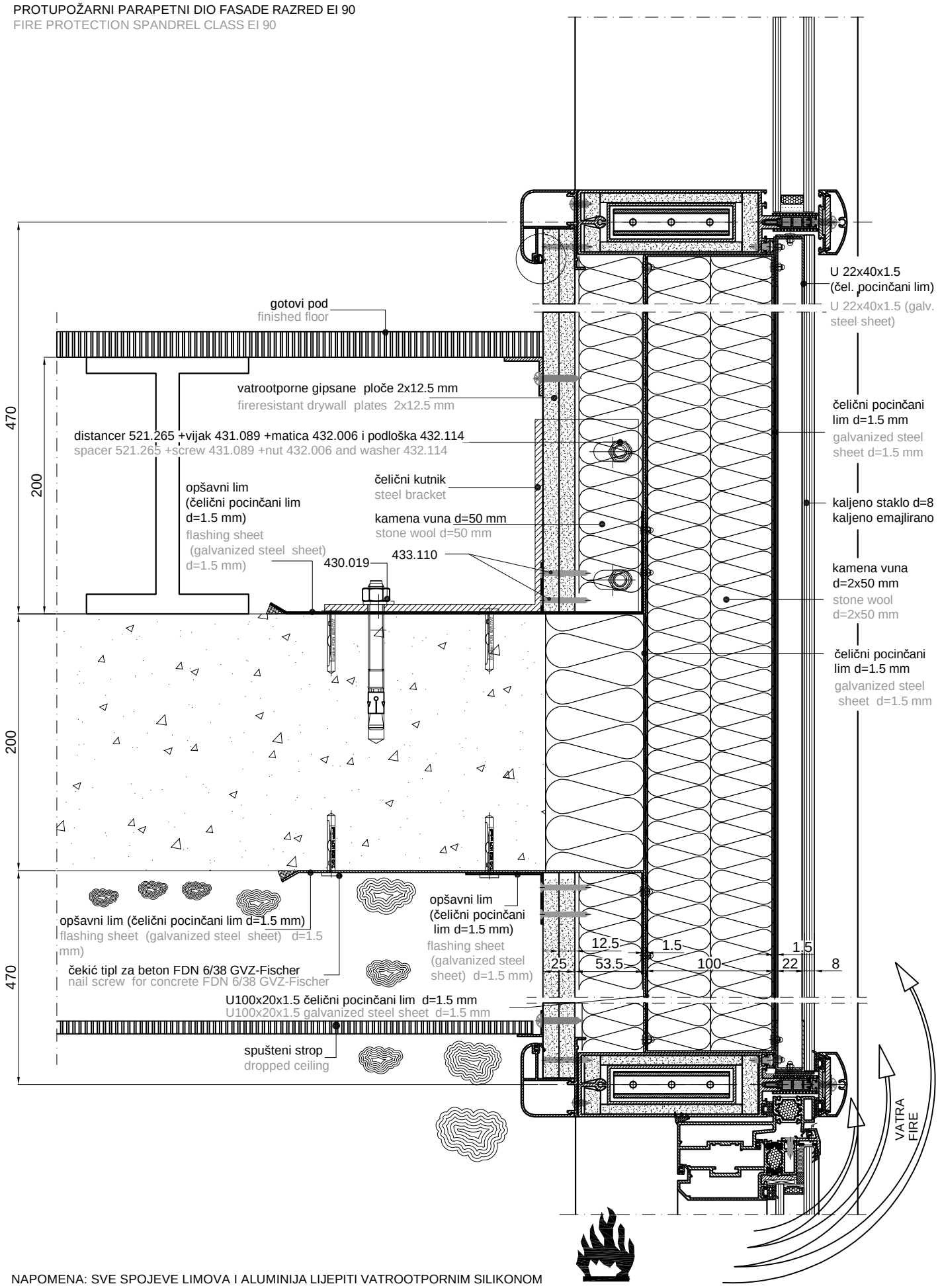
NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM
ATTENTION:ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRERESISTANT SILICONE SEALENT

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

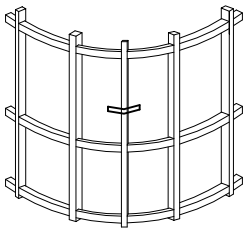


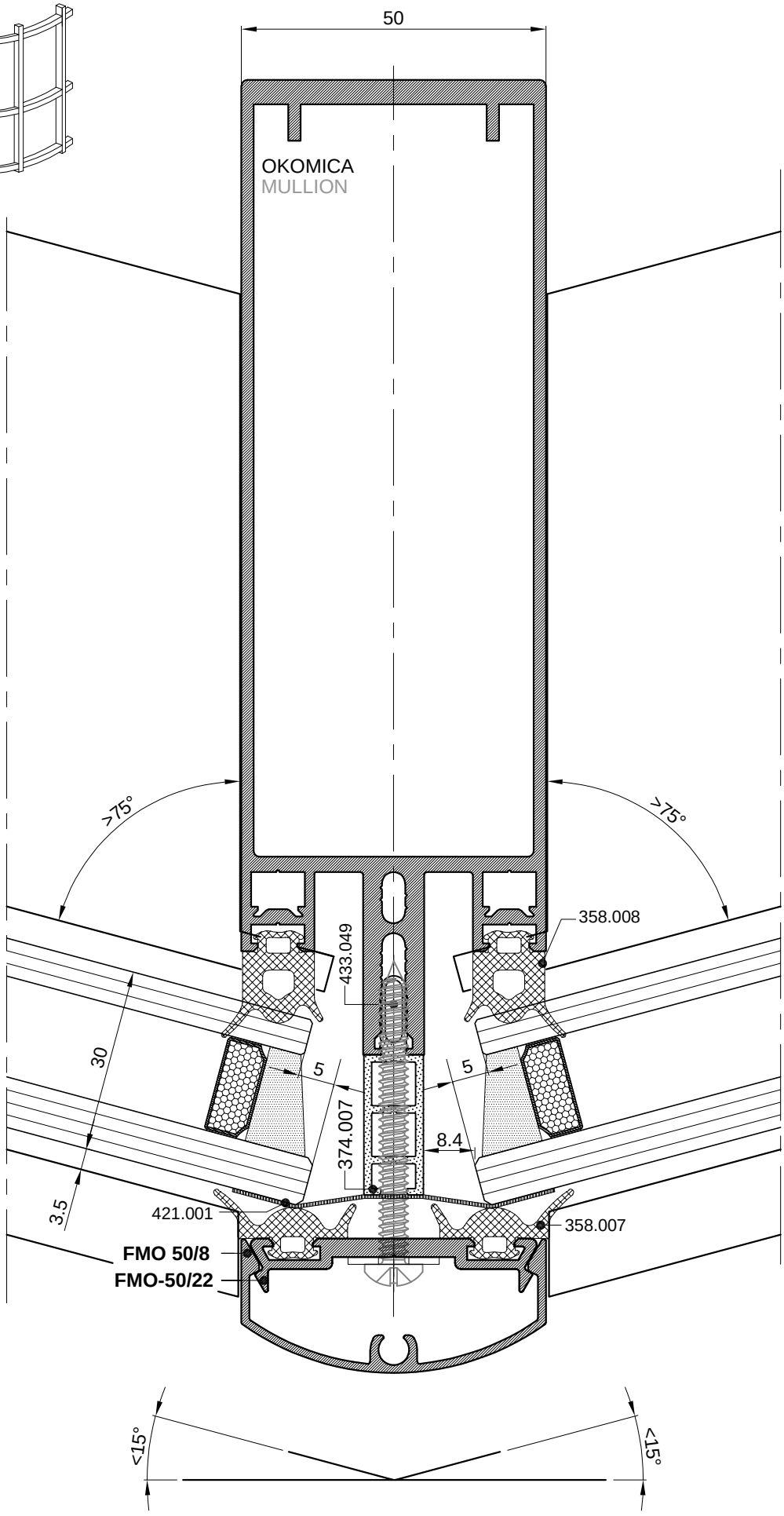
NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM
ATTENTION:ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRERESISTANT SILICONE SEALENT

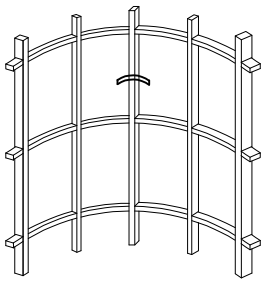
PROTUPOŽARNI PARAPETNI DIO FASADE RAZRED EI 90
FIRE PROTECTION SPANDREL CLASS EI 90

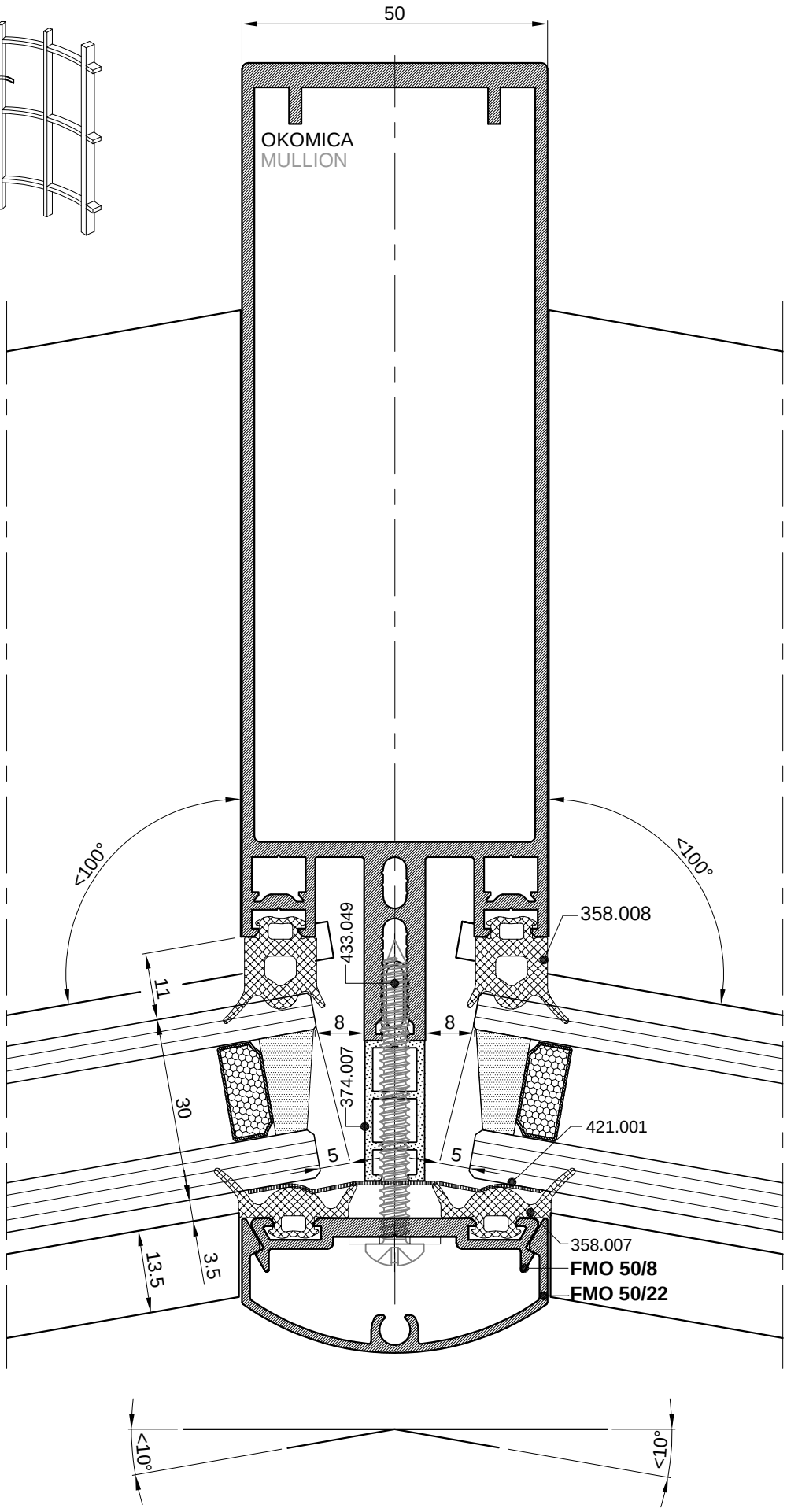


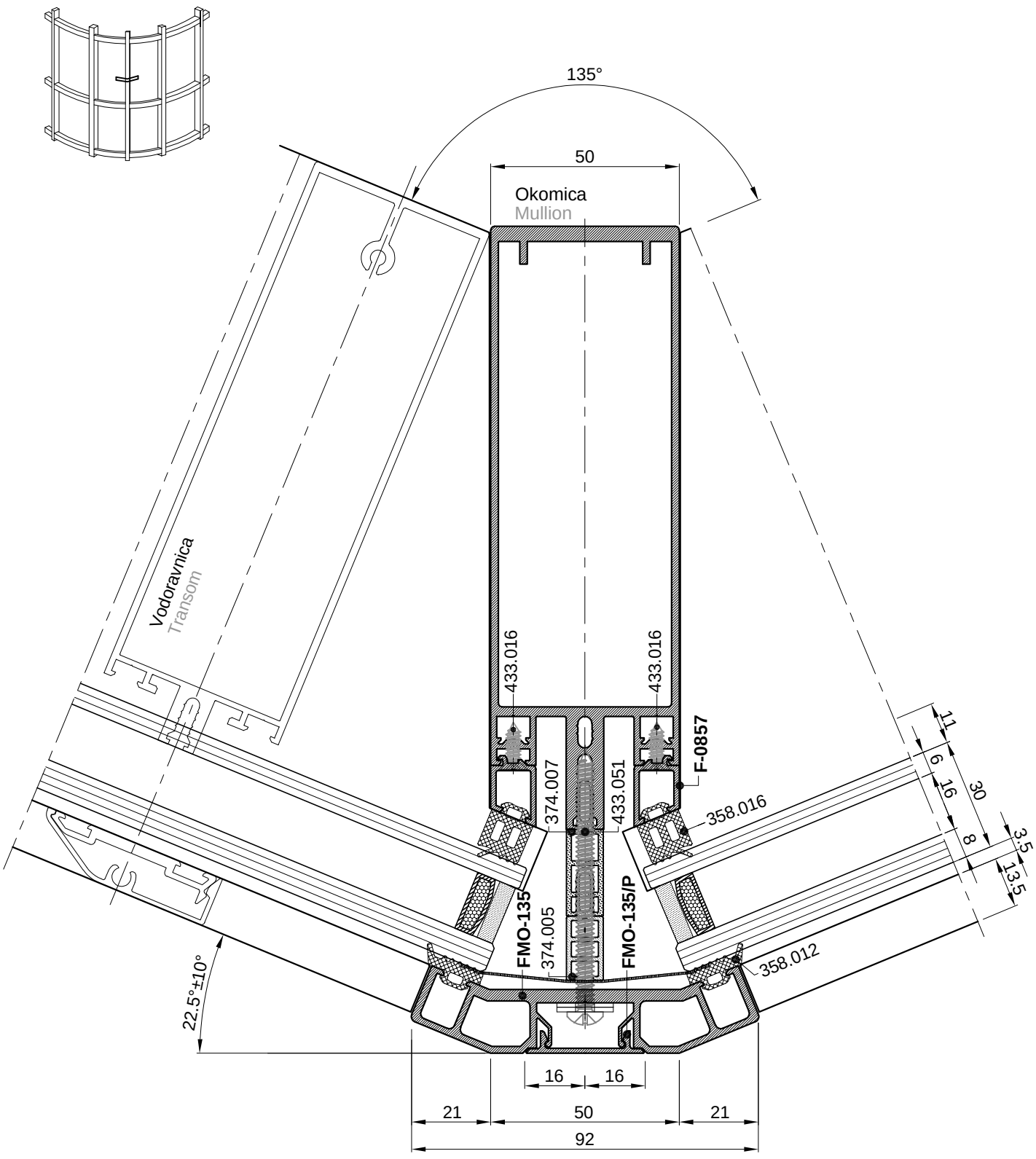
NAPOMENA: SVE SPOJEVE LIMOVA I ALUMINIJA LIJEPITI VATROOTPORNIM SILIKONOM
ATTENTION:ALL THE CONNECTIONS OF ALUMINIUM AND SHEETS NEED TO BE SEALED WITH FIRERESISTANT SILICONE SEALENT



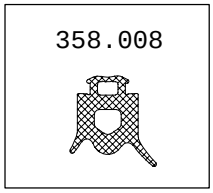

50
OKOMICA
MULLION
>75°
>75°
358.008
433.049
30
5
5
374.007
8.4
3.5
421.001
358.007
FMO 50/8
FMO-50/22
<15°
<15°

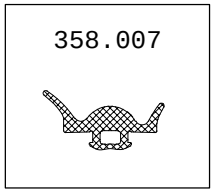


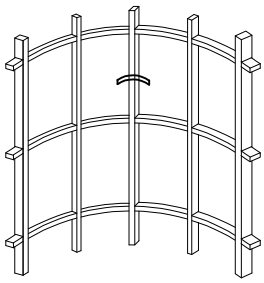

50
OKOMICA
MULLION
<100°
<100°
358.008
433.049
11
8
8
374.007
30
421.001
5
5
358.007
FMO 50/8
FMO 50/22
13.5
3.5
<10°
<10°

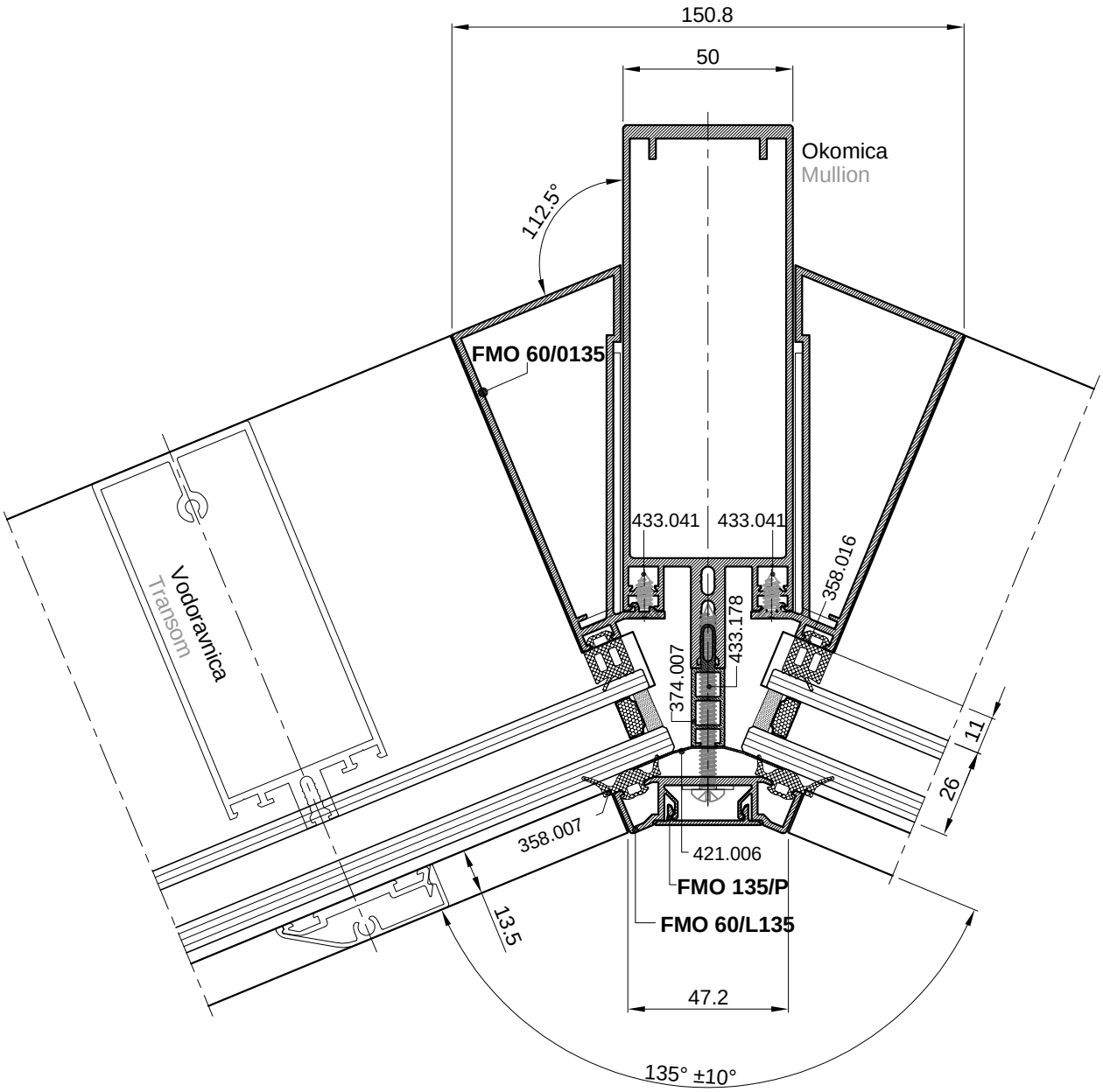


-Zamijenom fasadne brtve 358.016 i 358.015 za 358.008 i 358.007 moguća je promijena kuta od ±10°
-Replacing facade gasket 358.016 and 358.015 with 358.008 and 358.007 gives possible angle change of ±10°





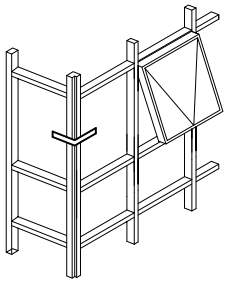


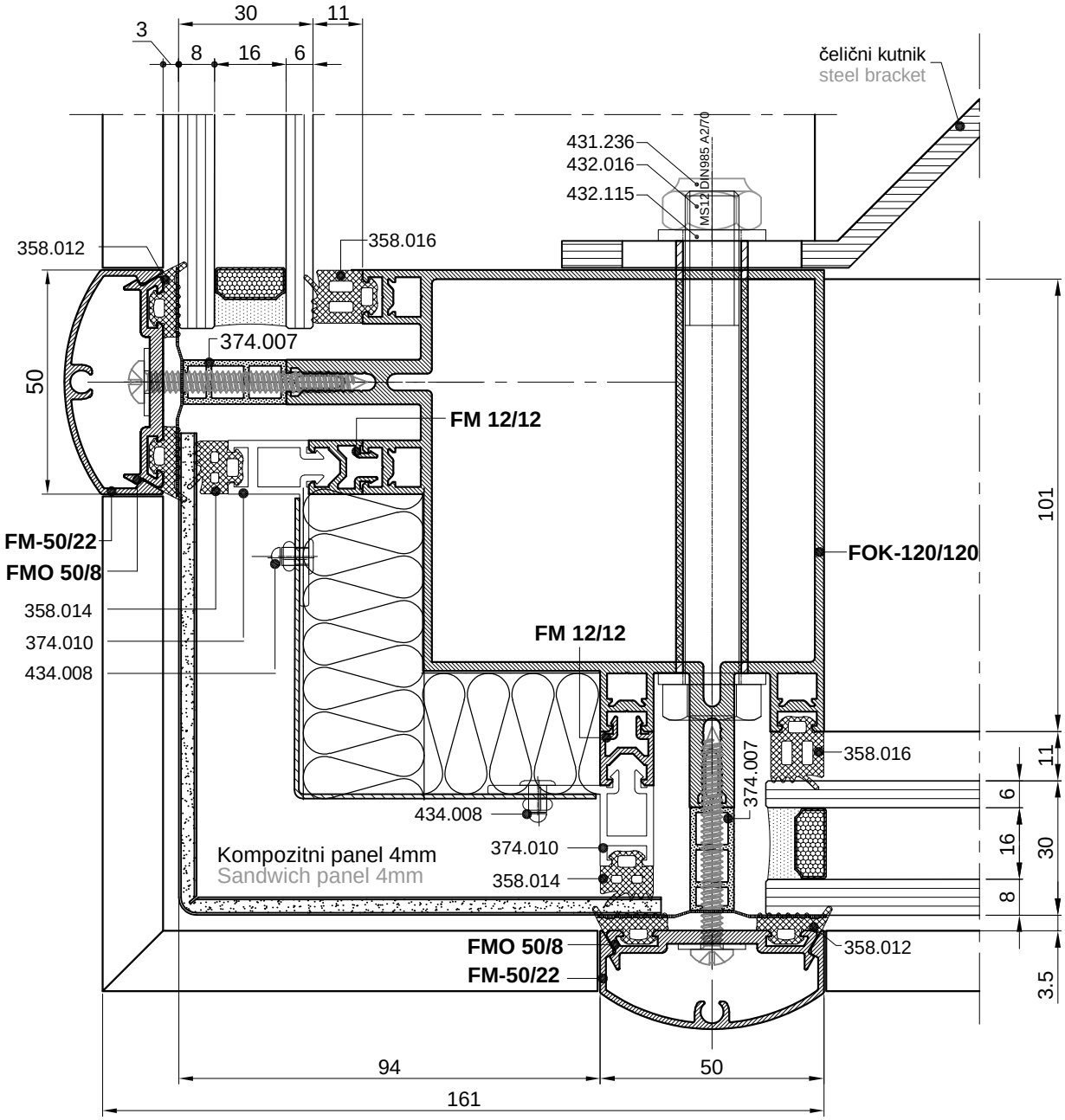


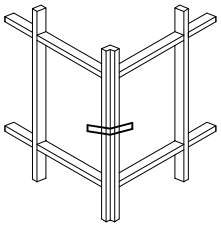
-Zamijenom fasadne brtve 358.016 za 358.008 moguća je promijena kuta od ±10°
-Replacing facade gasket 358.016 with 358.008 gives possible angle change of ±10°

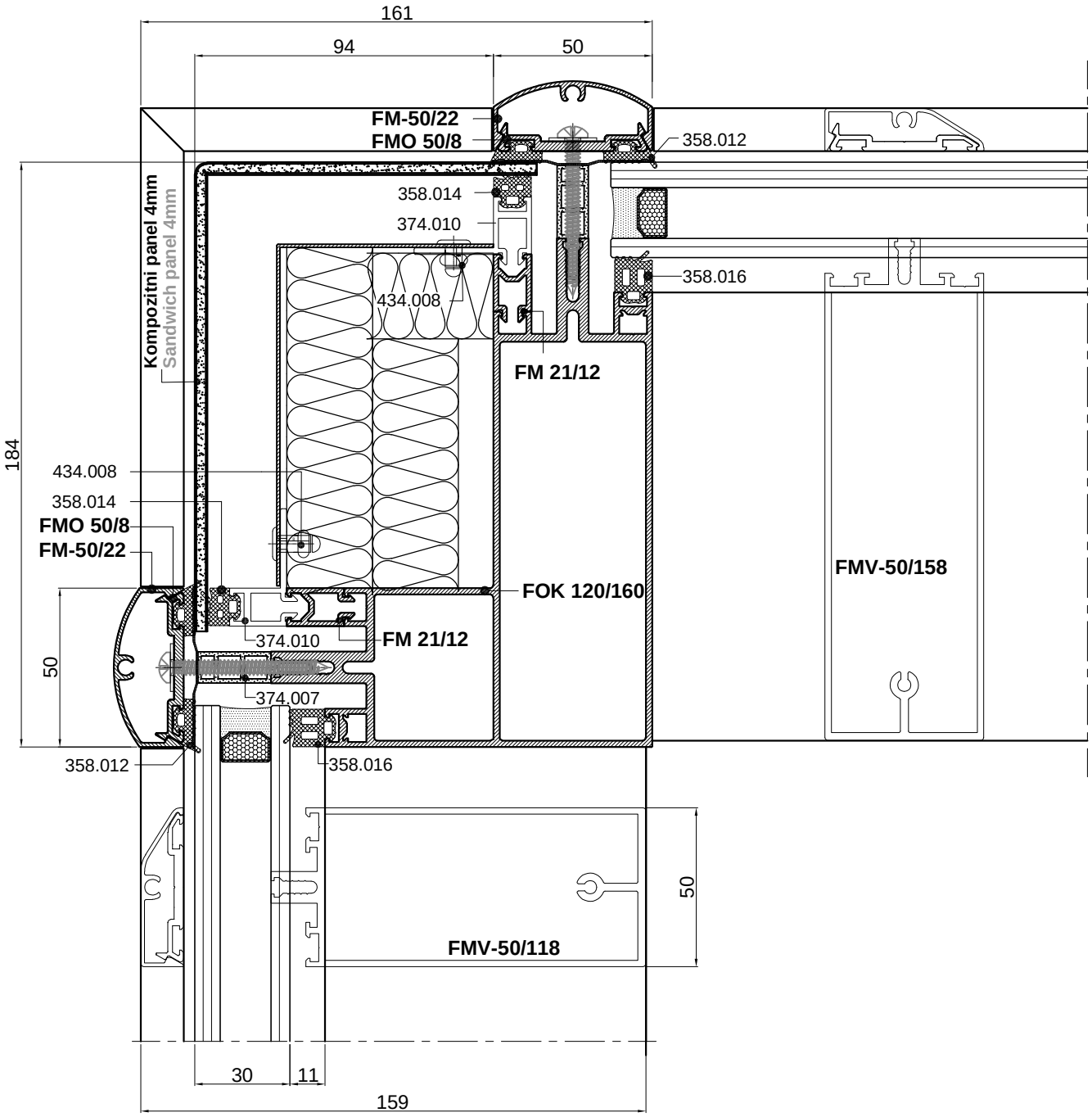
358.008

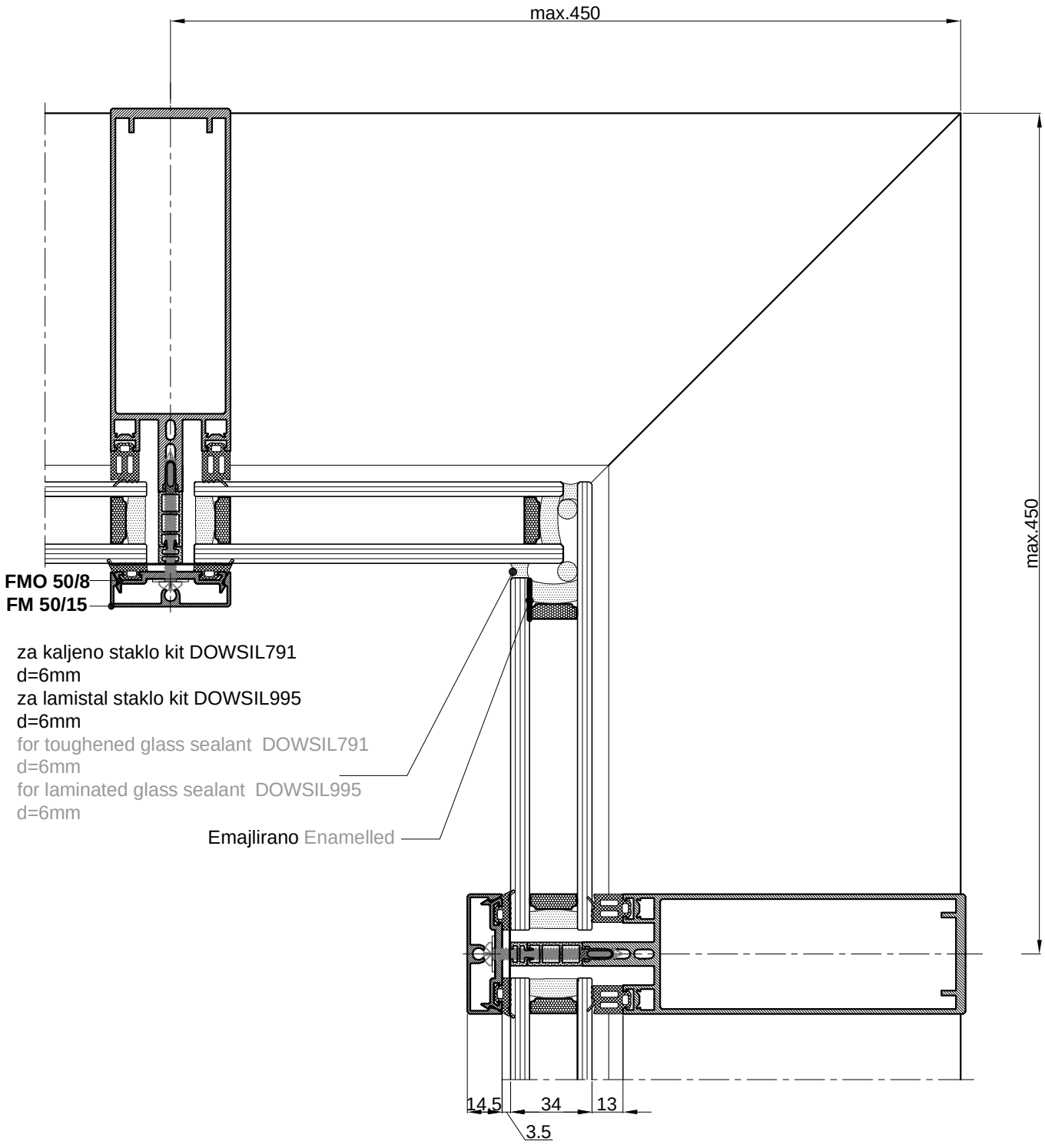




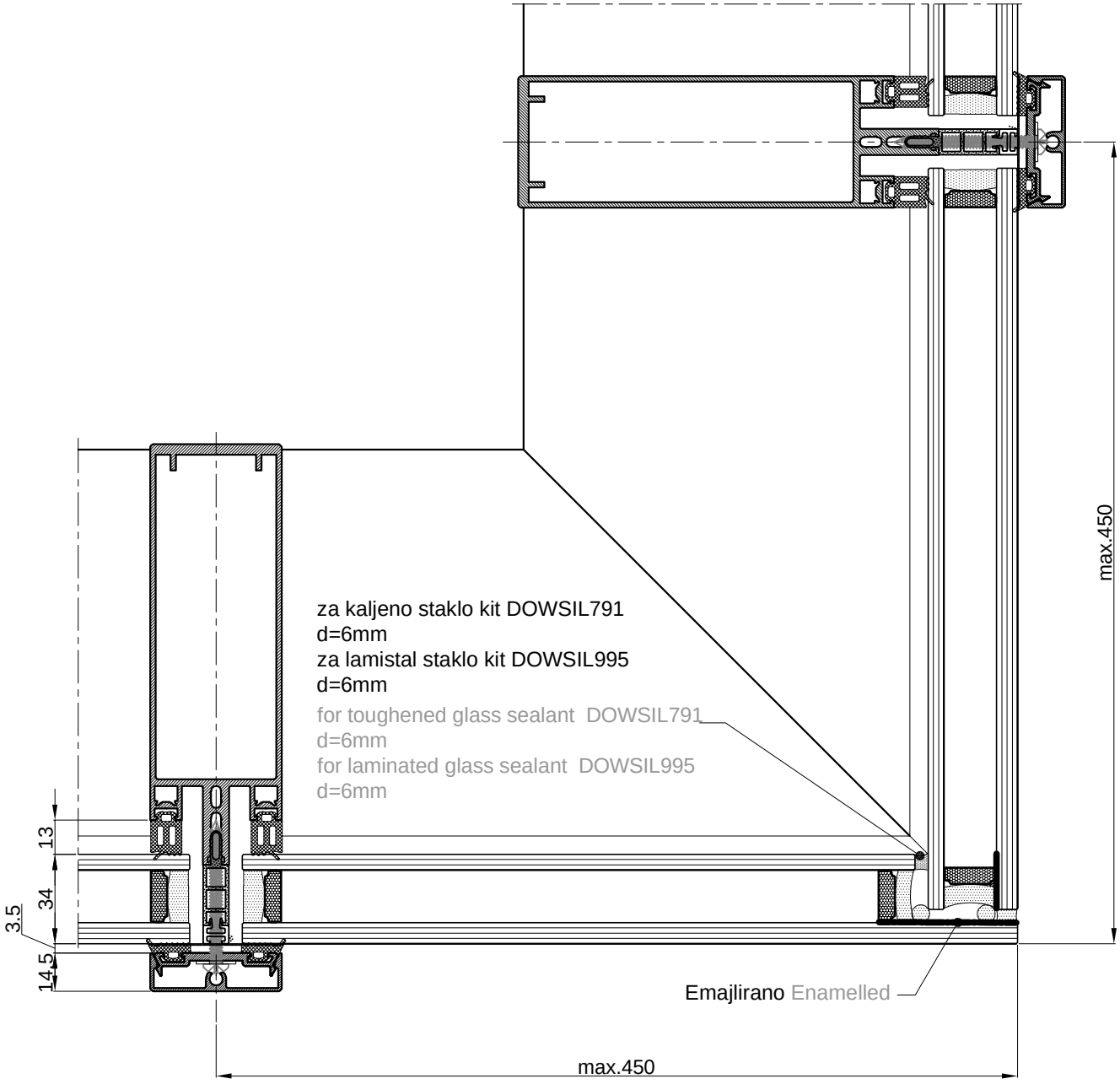

30
11
3
8
16
6
čelični kutnik
steel bracket
431.236
432.016
432.115
MS12 DIN985 A2/70
358.012
358.016
374.007
50
FM 12/12
FM-50/22
FMO 50/8
358.014
374.010
434.008
FOK-120/120
101
FM 12/12
358.016
374.007
11
6
16
30
8
434.008
Kompozitni panel 4mm
Sandwich panel 4mm
374.010
358.014
FMO 50/8
FM-50/22
358.012
3.5
94
50
161



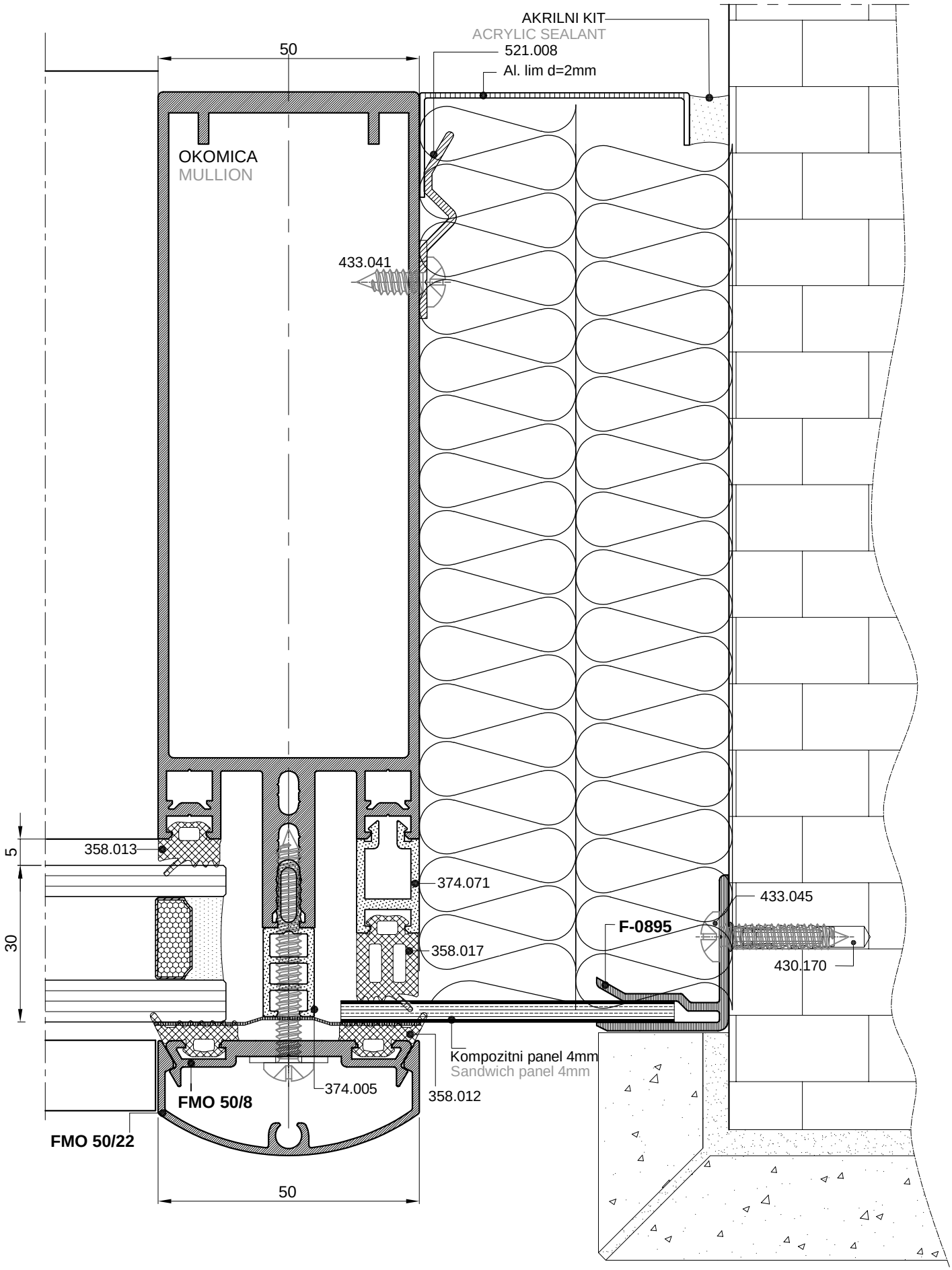

161
94
50
FM-50/22
FMO 50/8
358.012
358.014
374.010
358.016
434.008
FM 21/12
Kompozitni panel 4mm
Sandwich panel 4mm
184
434.008
358.014
FMO 50/8
FM-50/22
FOK 120/160
FMV-50/158
374.010
FM 21/12
50
374.007
358.012
358.016
50
FMV-50/118
30
11
159

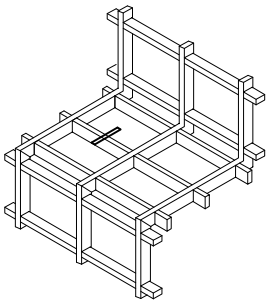


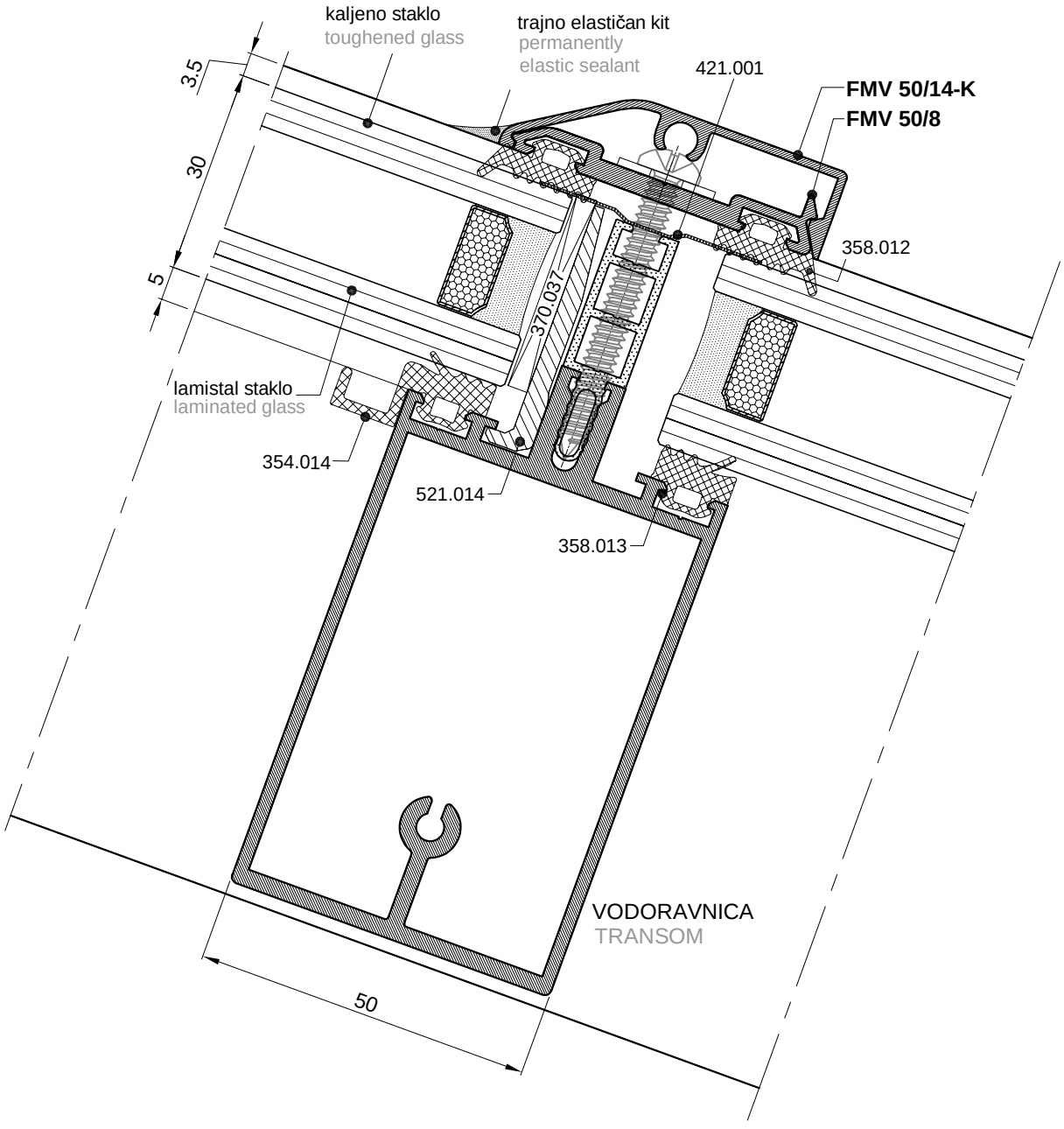
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

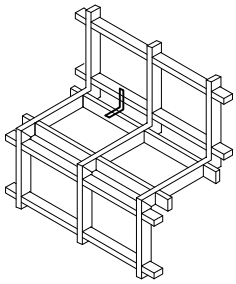


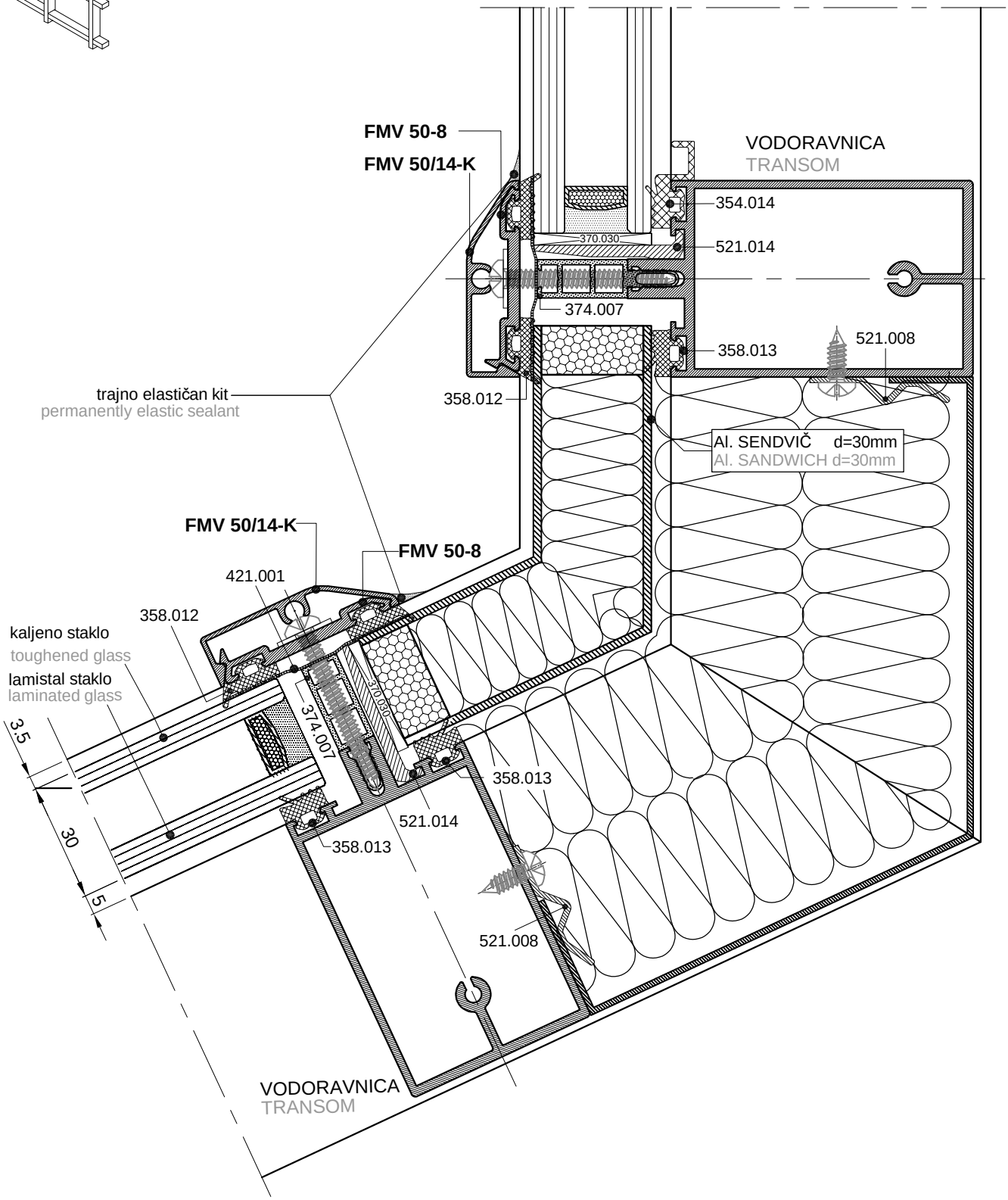
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

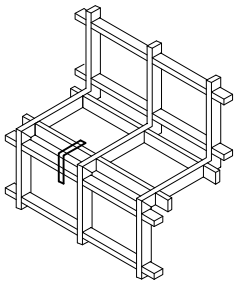

AKRILNI KIT
ACRYLIC SEALANT
521.008
Al. lim d=2mm
50
OKOMICA
MULLION
433.041
5
30
358.013
374.071
358.017
433.045
F-0895
430.170
Kompozitni panel 4mm
Sandwich panel 4mm
374.005
358.012
FMO 50/8
FMO 50/22
50



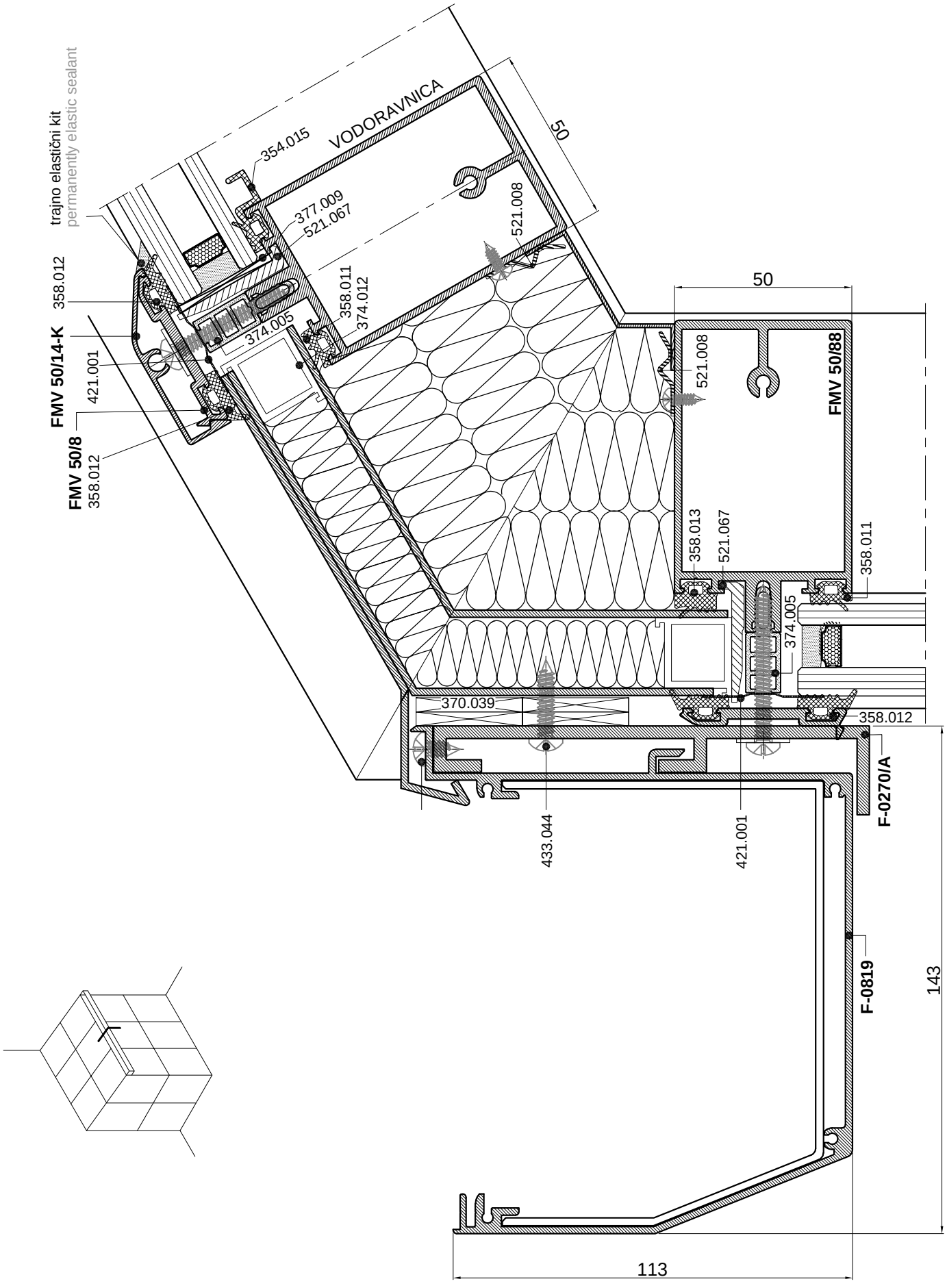

kaljeno staklo
toughened glass
trajno elastičan kit
permanently
elastic sealant
421.001
FMV 50/14-K
FMV 50/8
358.012
370.037
3,5
30
5
lamistal staklo
laminated glass
354.014
521.014
358.013
VODORAVNICA
TRANSOM
50

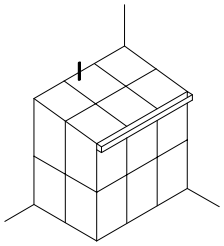



FMV 50-8
FMV 50/14-K
VODORAVNICA
TRANSOM
354.014
370.030
521.014
374.007
358.013
521.008
358.012
trajno elastičan kit
permanently elastic sealant
Al. SENDVIČ d=30mm
Al. SANDWICH d=30mm
FMV 50/14-K
FMV 50-8
421.001
358.012
kaljeno staklo
toughened glass
lamistal staklo
laminated glass
3.5
30
5
374.007
370.030
358.013
521.014
358.013
521.008
VODORAVNICA
TRANSOM

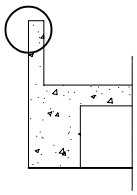


trajno elastičan kit
permanently elastic sealant
kaljeno staklo
toughened glass
lamistal staklo
lamistal staklo
358.012
421.001
30
FMV 50/14-K
FMV 50-8
374.007
370.030
354.014
521.014
358.013
VODORAVNICA
TRANSOM
Al. sendvič d=30mm
Al. sandwich d=30mm
521.008
33.4
FMV 50/14-K
FMV 50-8
358.013
521.008
370.030
521.014
374.007
358.013
VODORAVNICA
TRANSOM
358.012
30

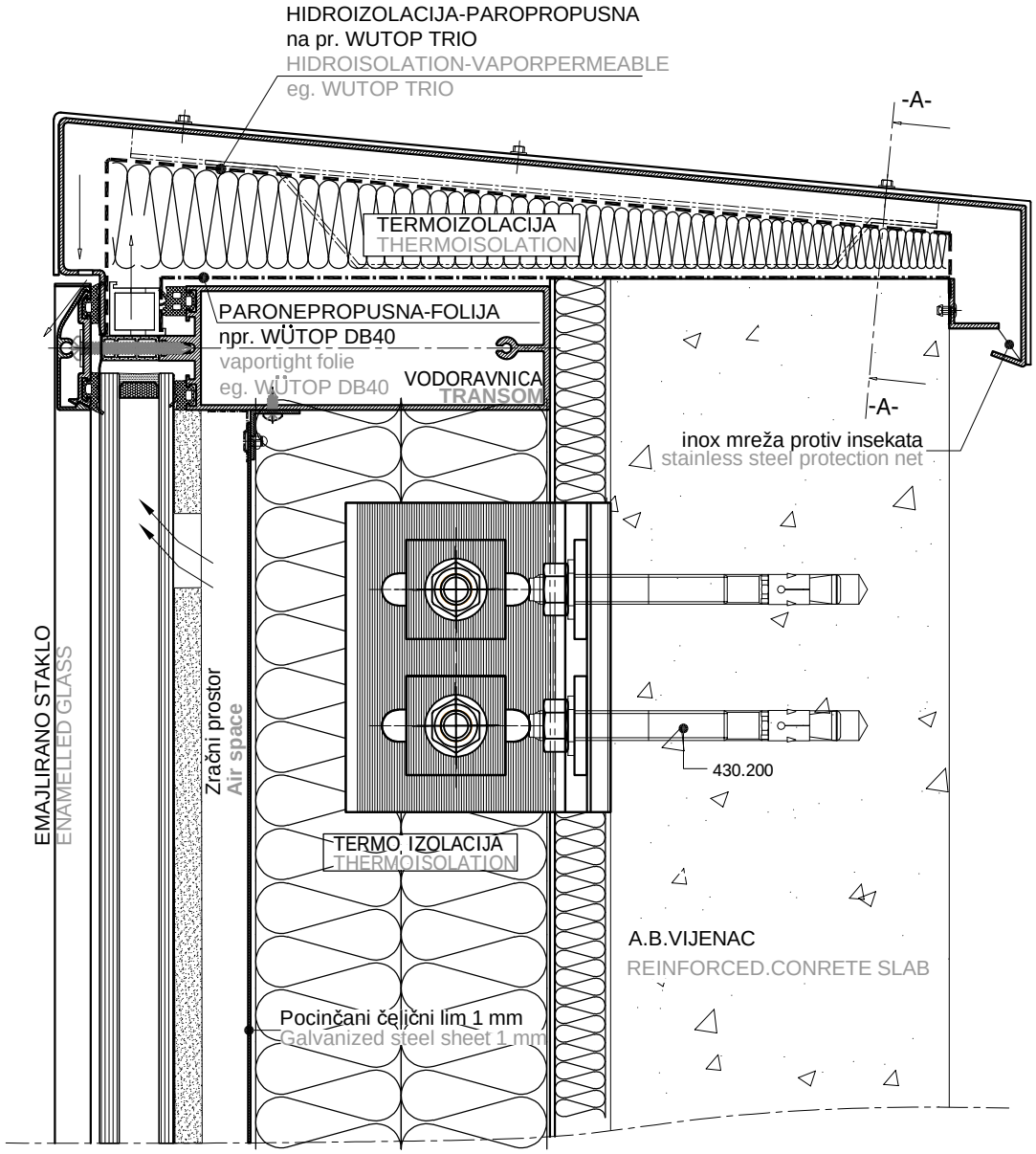

trajno elastični kit
permanently elastic sealant
VODORAVNICA
354.015
377.009
521.067
521.008
50
358.012
374.005
358.011
374.012
FMV 50/14-K
421.001
FMV 50/8
358.012
50
521.008
FMV 50/88
358.013
521.067
358.011
374.005
370.039
358.012
F-0270/A
433.044
421.001
F-0819
143
113



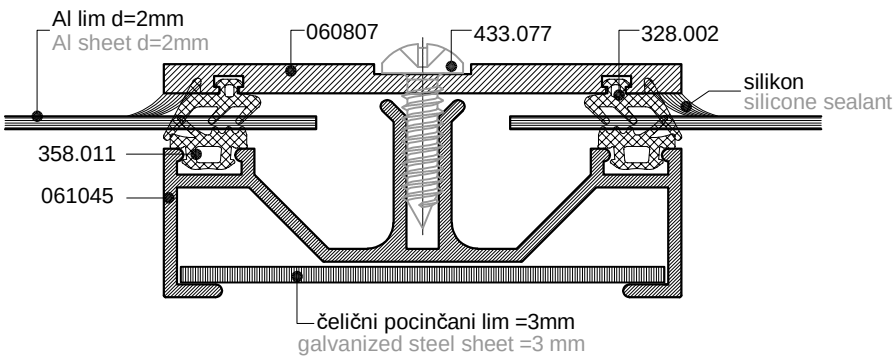
F-VZ-006
433.045
430.170
termoizolacija
termoisolation
hidroizolacija
hidroisolation
gornji zaštitni lim
d=2 mm
upper protection sheet
d=2 mm
421.001
FMV 50/14-K
FMV 50/8
358.012
kaljeno staklo
toughened glass
lamistal staklo
laminated glass
374.014
374.007
430.013
521.014
358.013
6
30
8
5
nosač okomice
mullion bracket

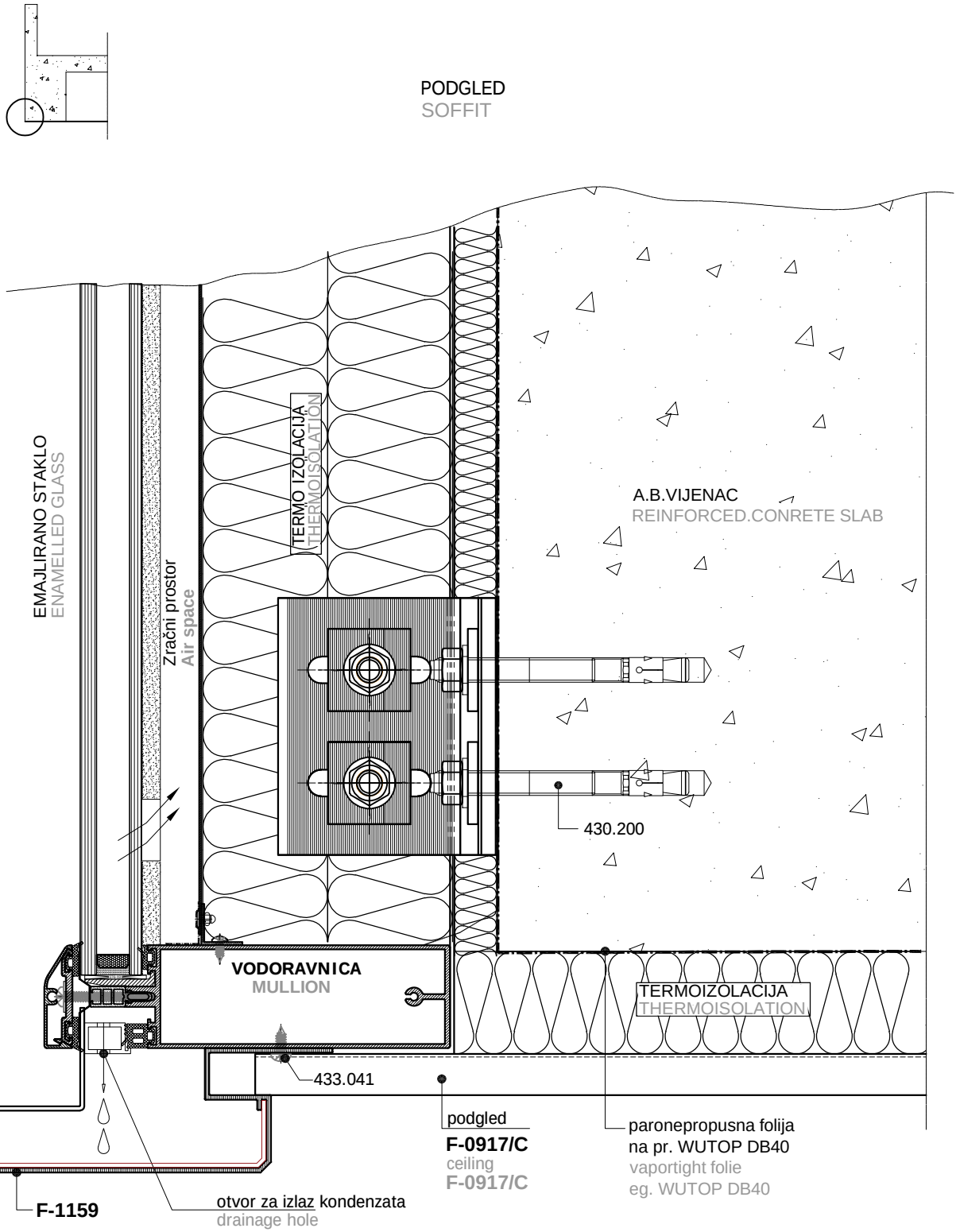


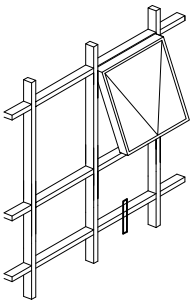
ATIKA
ATTIC



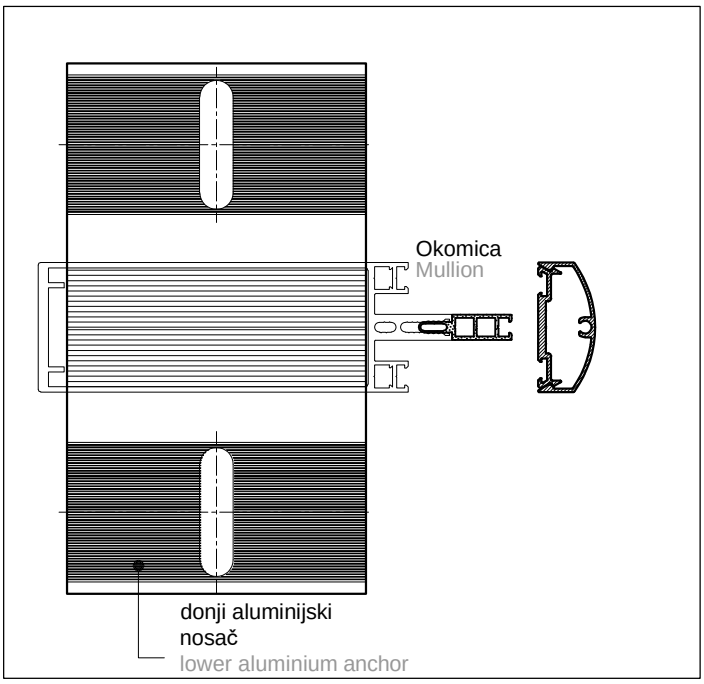
PRESJEK A-A

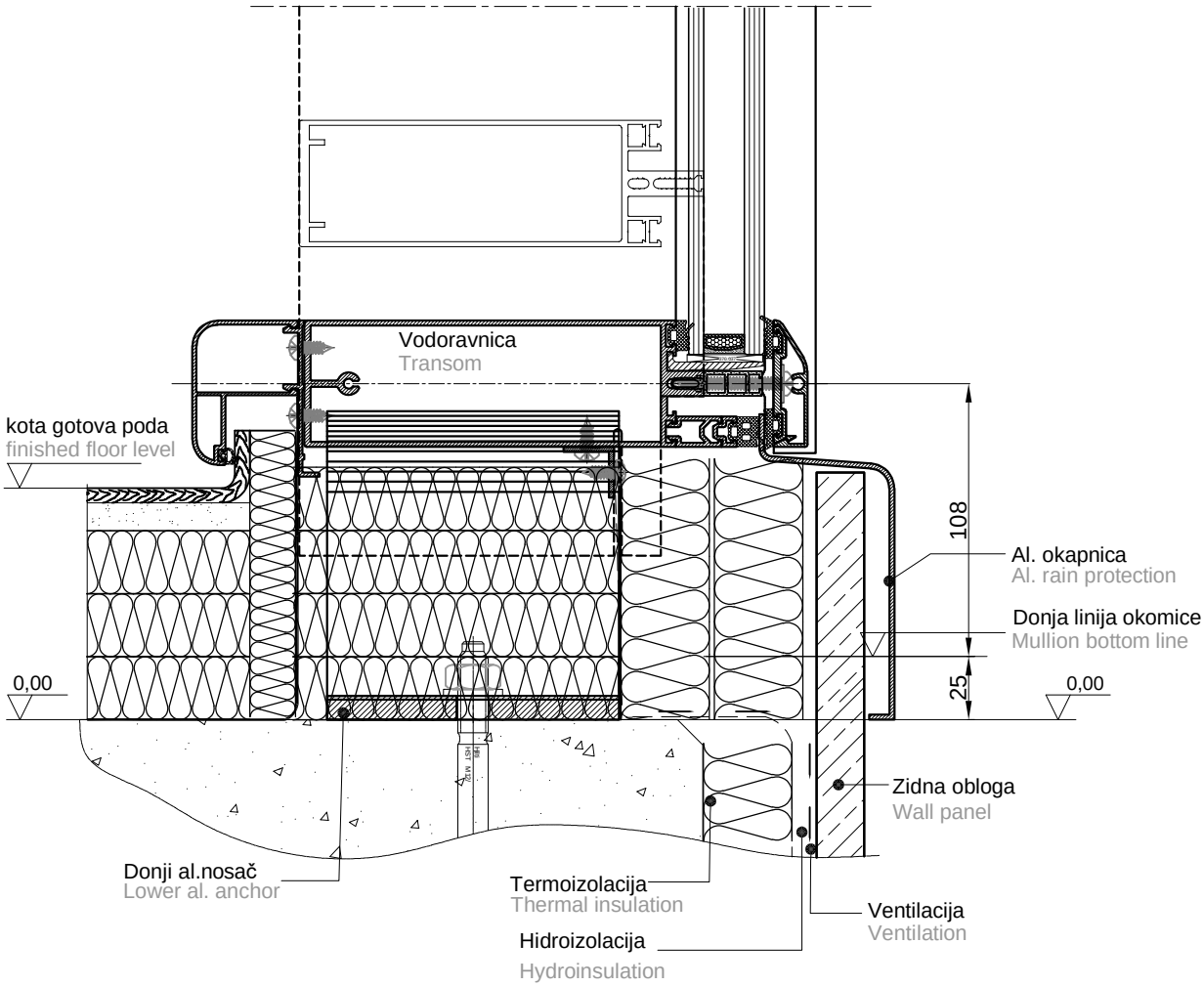


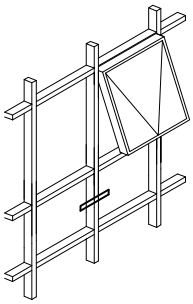

PODGLED
SOFFIT
EMAJLIRANO STAKLO
ENAMELLED GLASS
Zračni prostor
Air space
TERMO IZOLACIJA
THERMOISOLATION
A.B.VIJENAC
REINFORCED.CONRETE SLAB
430.200
VODORAVNICA
MULLION
TERMOIZOLACIJA
THERMOISOLATION
433.041
podgled
F-0917/C
ceiling
F-0917/C
paronepropusna folija
na pr. WUTOP DB40
vaportight folie
eg. WUTOP DB40
F-1159
otvor za izlaz kondenzata
drainage hole

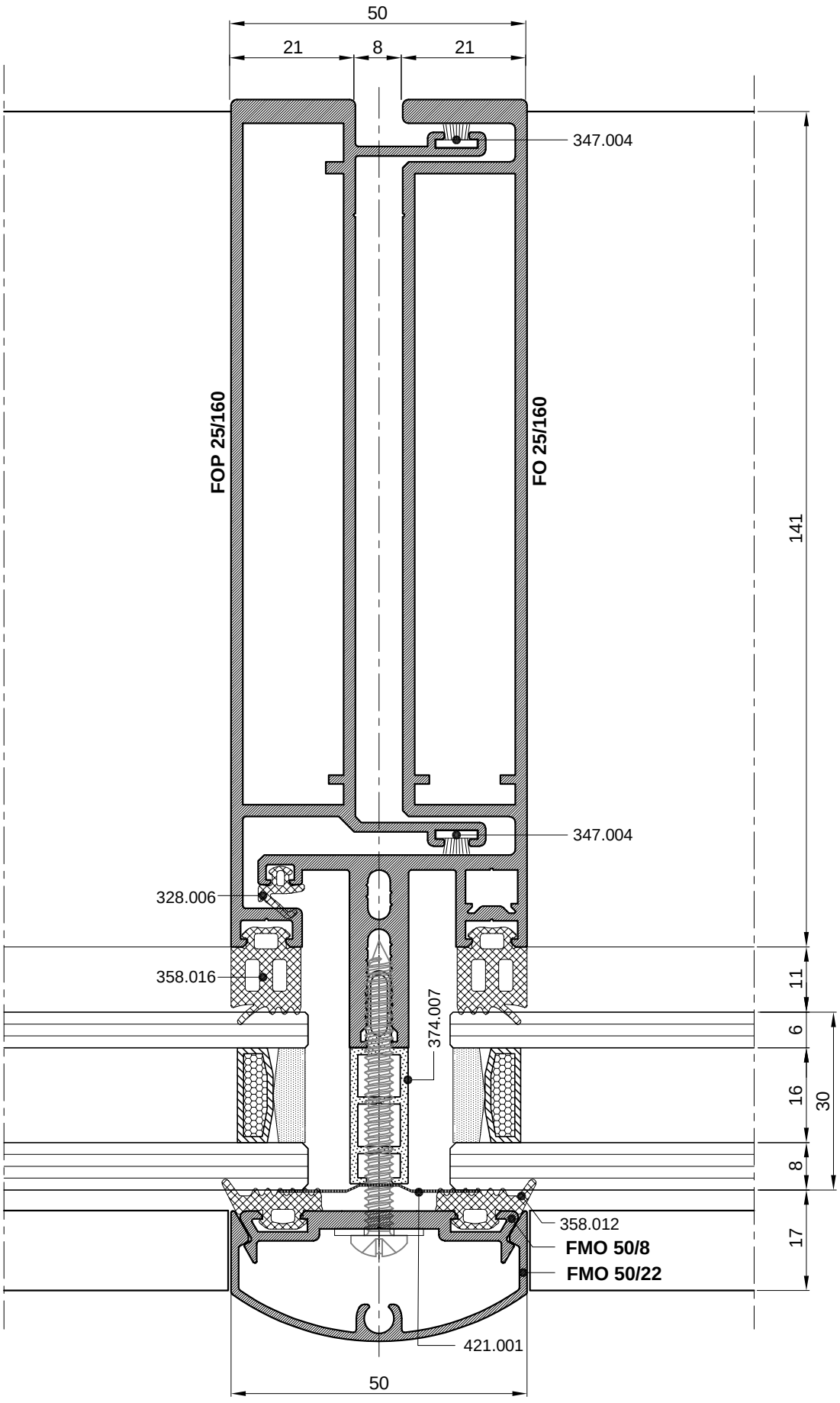


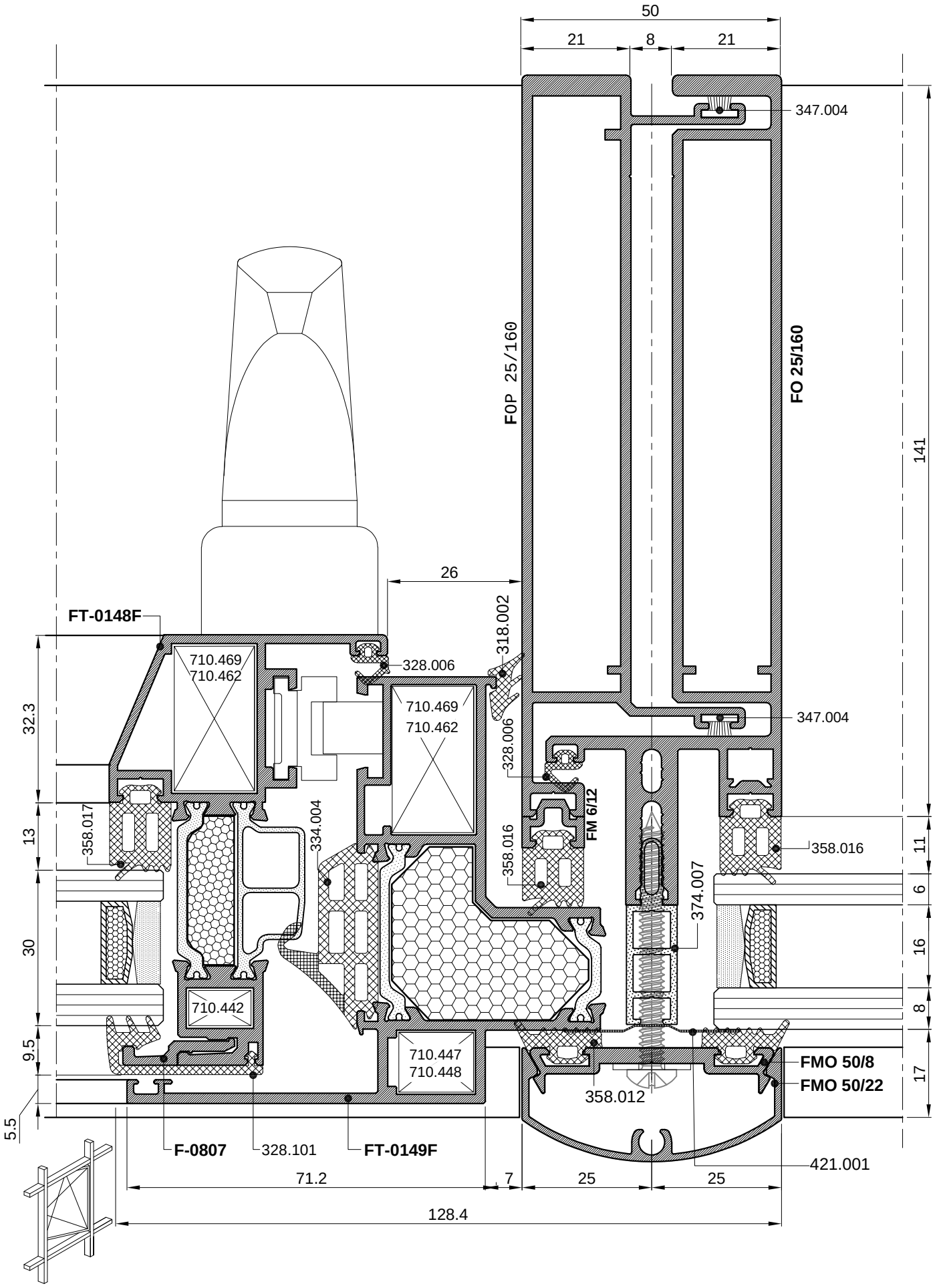
Fasada na
parapetu kota 0,00
Facade
ground floor level 0,00

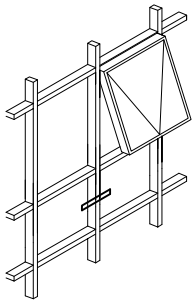


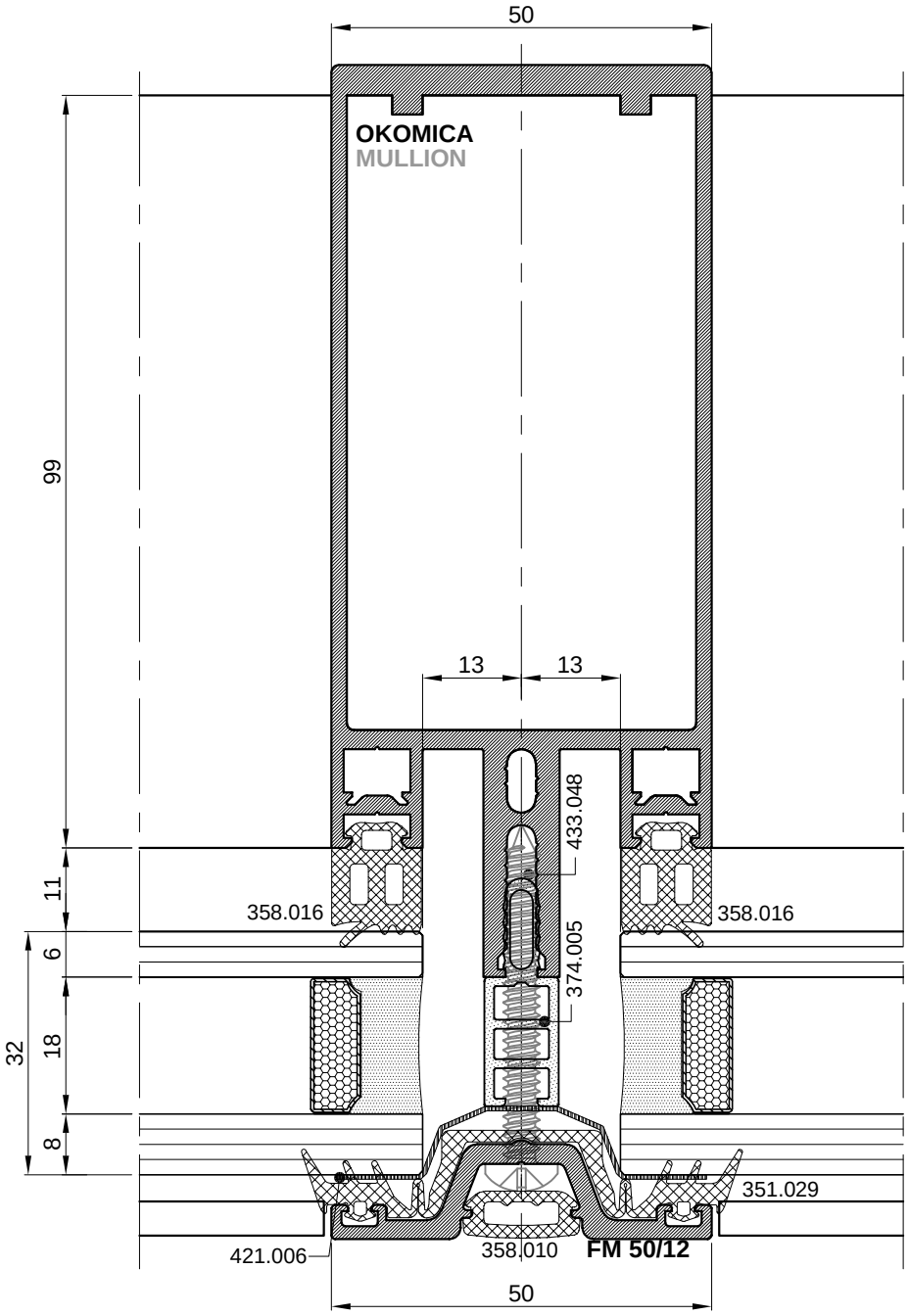


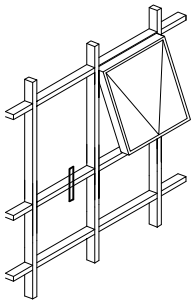


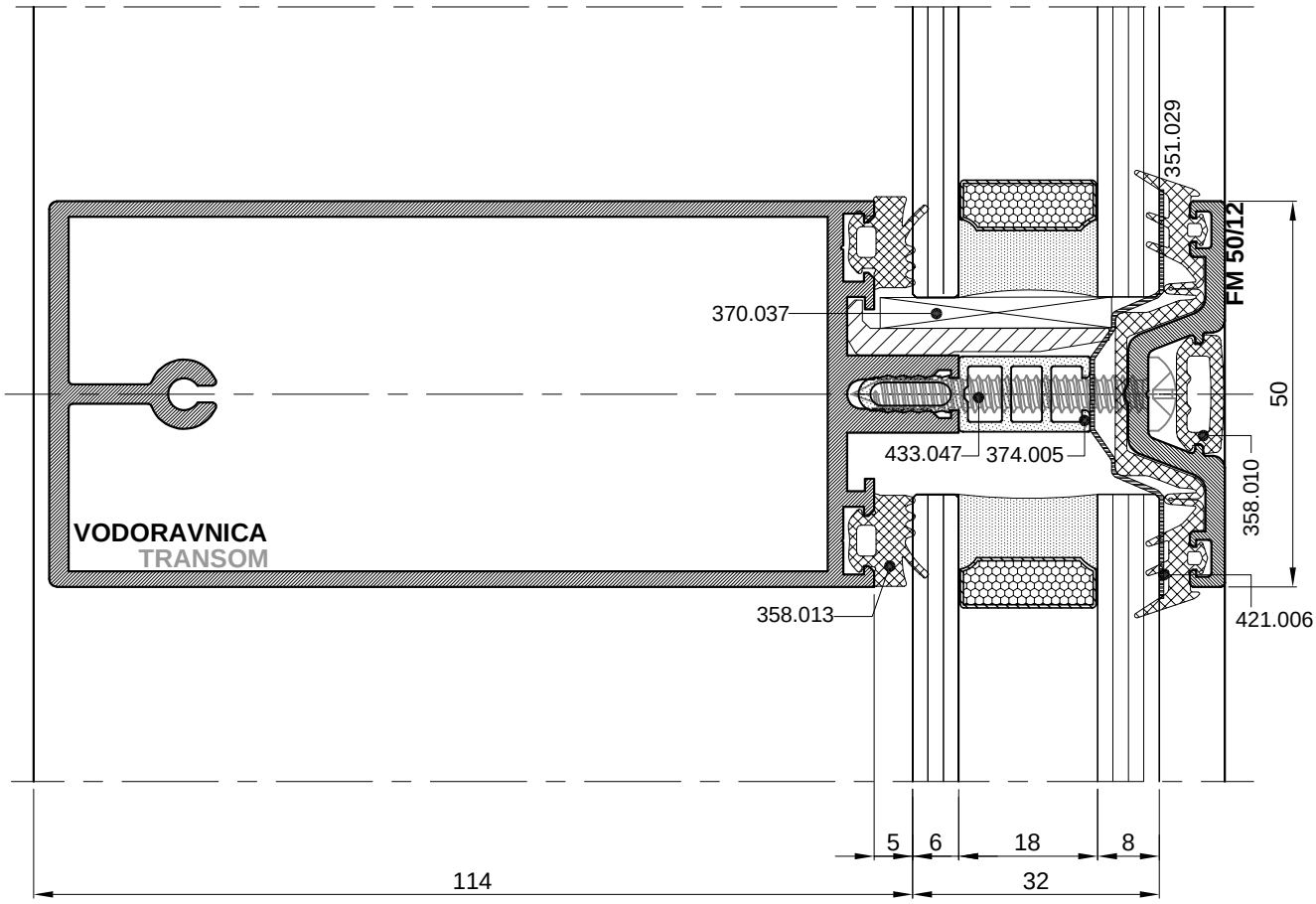

50
21
8
21
347.004
FOP 25/160
FO 25/160
141
347.004
328.006
358.016
374.007
11
6
16
30
8
17
358.012
FMO 50/8
FMO 50/22
421.001
50

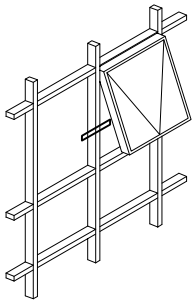

50
21
8
21
347.004
FOP 25/160
FO 25/160
141
26
FT-0148F
318.002
710.469
710.462
328.006
710.469
710.462
347.004
328.006
FM 6/12
32.3
13
30
9.5
5.5
358.017
334.004
358.016
358.016
374.007
11
6
16
8
17
710.442
710.447
710.448
FMO 50/8
FMO 50/22
358.012
F-0807
328.101
FT-0149F
421.001
71.2
7
25
25
128.4

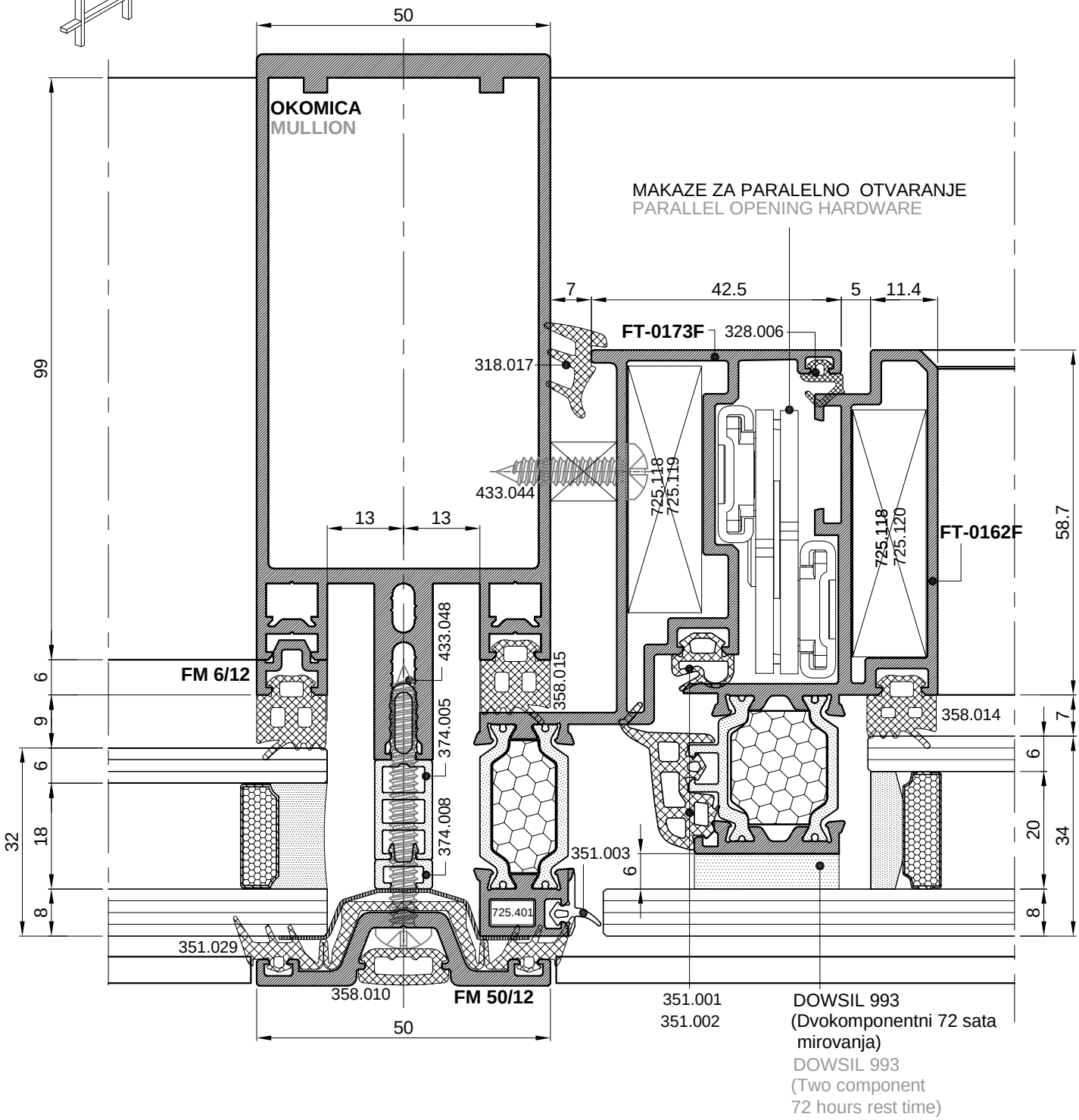



50
OKOMICA
MULLION
99
13
13
433.048
11
358.016
358.016
6
374.005
32
18
8
351.029
421.006
358.010
FM 50/12
50

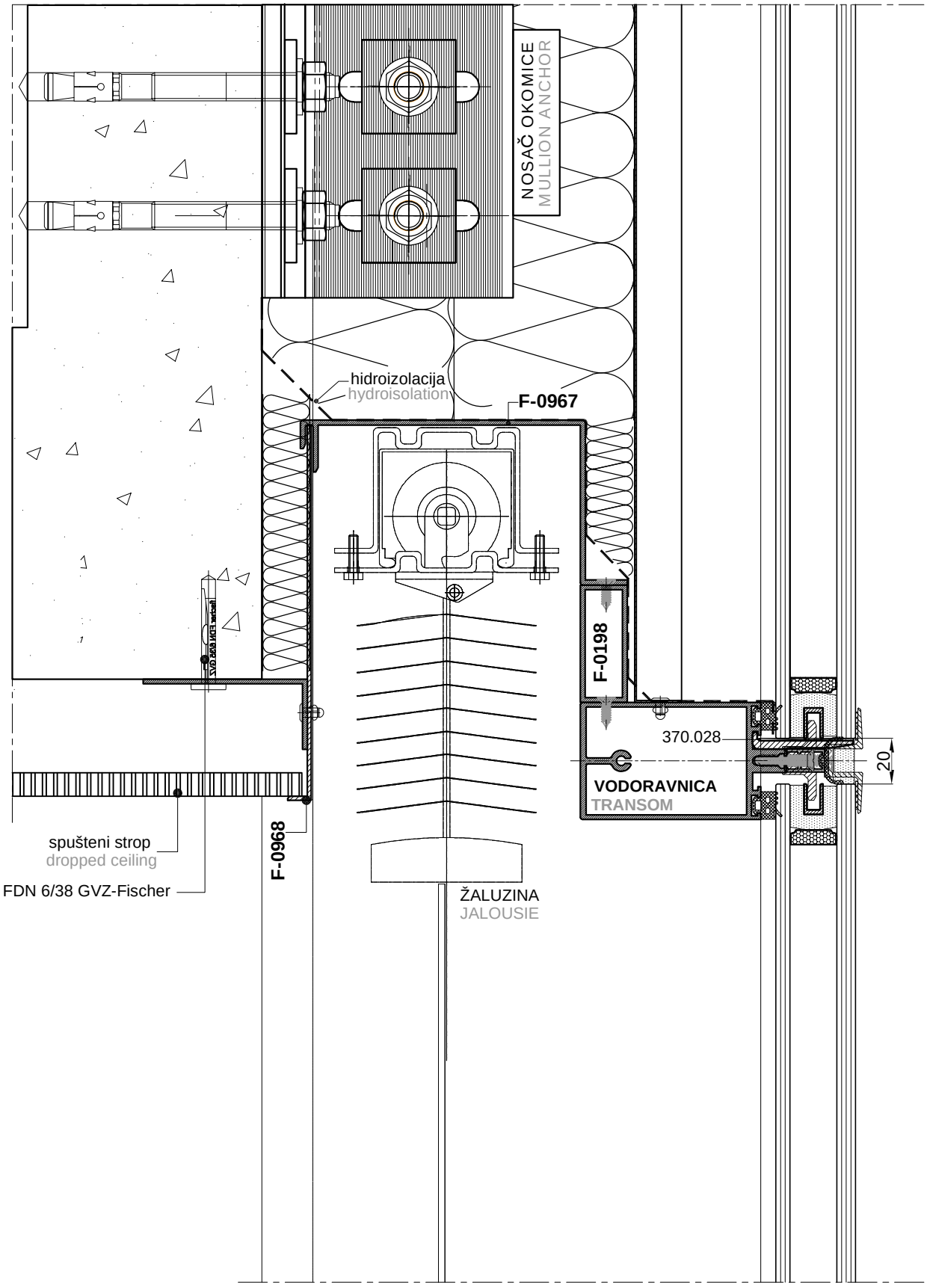


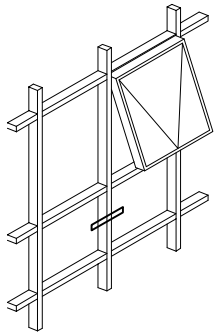

351.029
FM 50/12
370.037
50
433.047
374.005
358.010
VODORAVNICA
TRANSOM
358.013
421.006
5
6
18
8
114
32

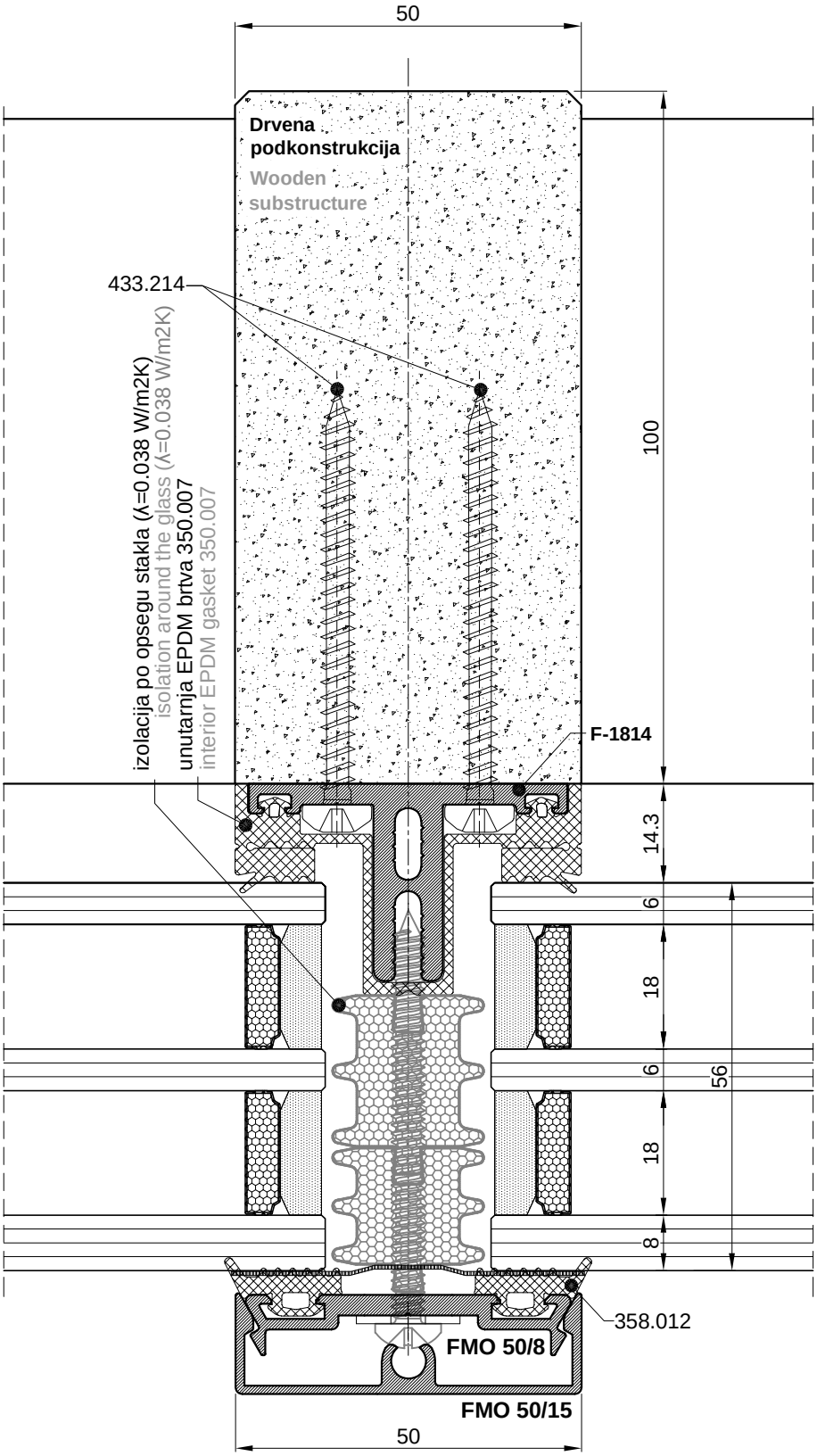


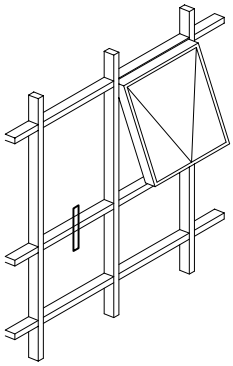


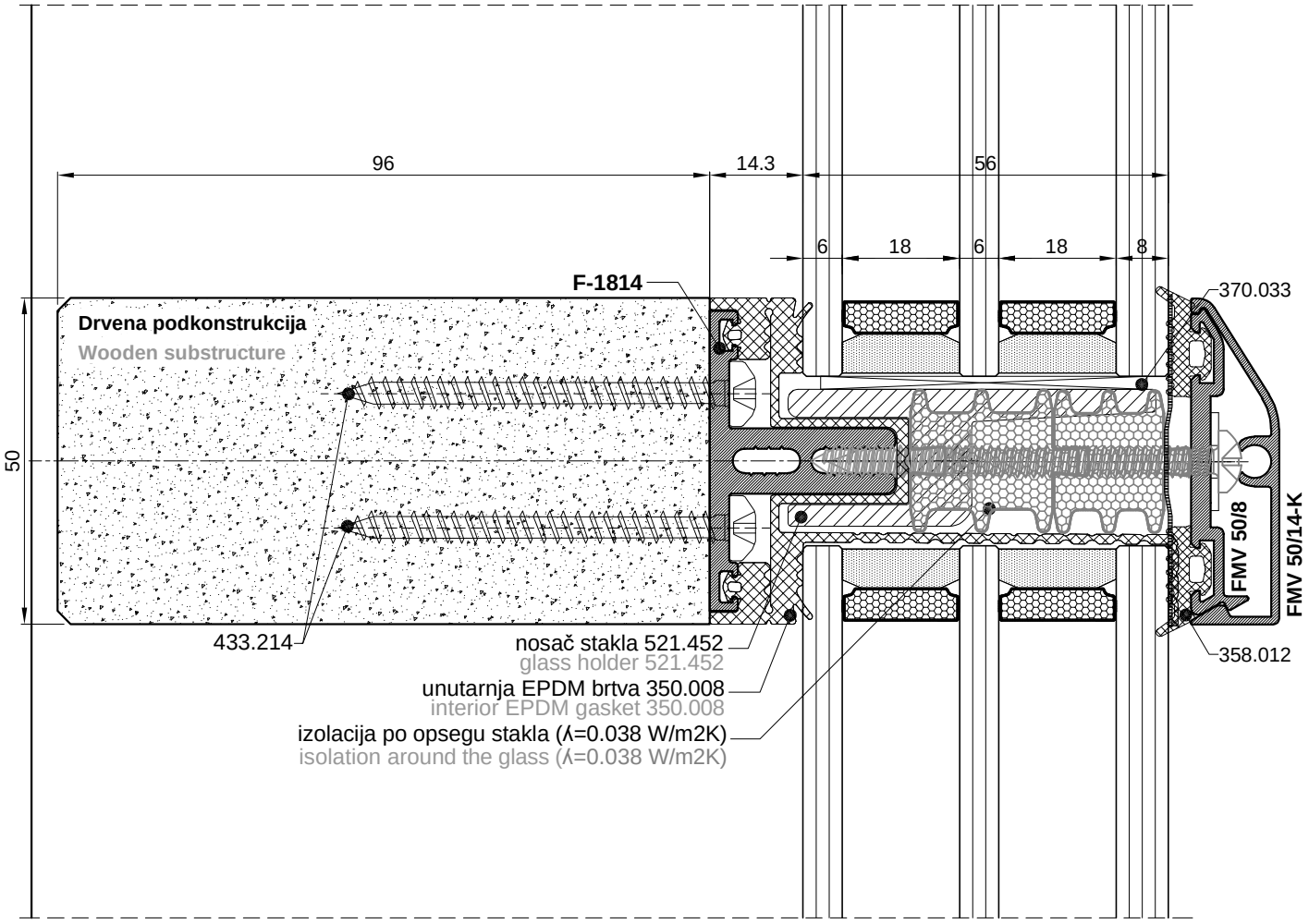
**VANJSKA STRANA PROFILA FT-0162 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILE FT-0162 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS AGO
DEBLJINA STRUKTURALNOG KITA 6 min mm
STRUCTURAL SEALANT THICKNESS min 6 mm

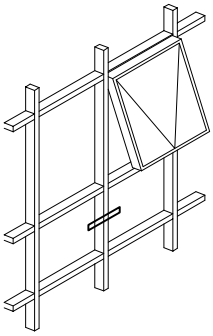

NOSAČ OKOMICE
MULLION ANCHOR
hidroizolacija
hydroisolation
F-0967
F-0198
370.028
20
VODORAVNICA
TRANSOM
spušteni strop
dropped ceiling
FDN 6/38 GVZ-Fischer
F-0968
ŽALUZINA
JALOUSIE

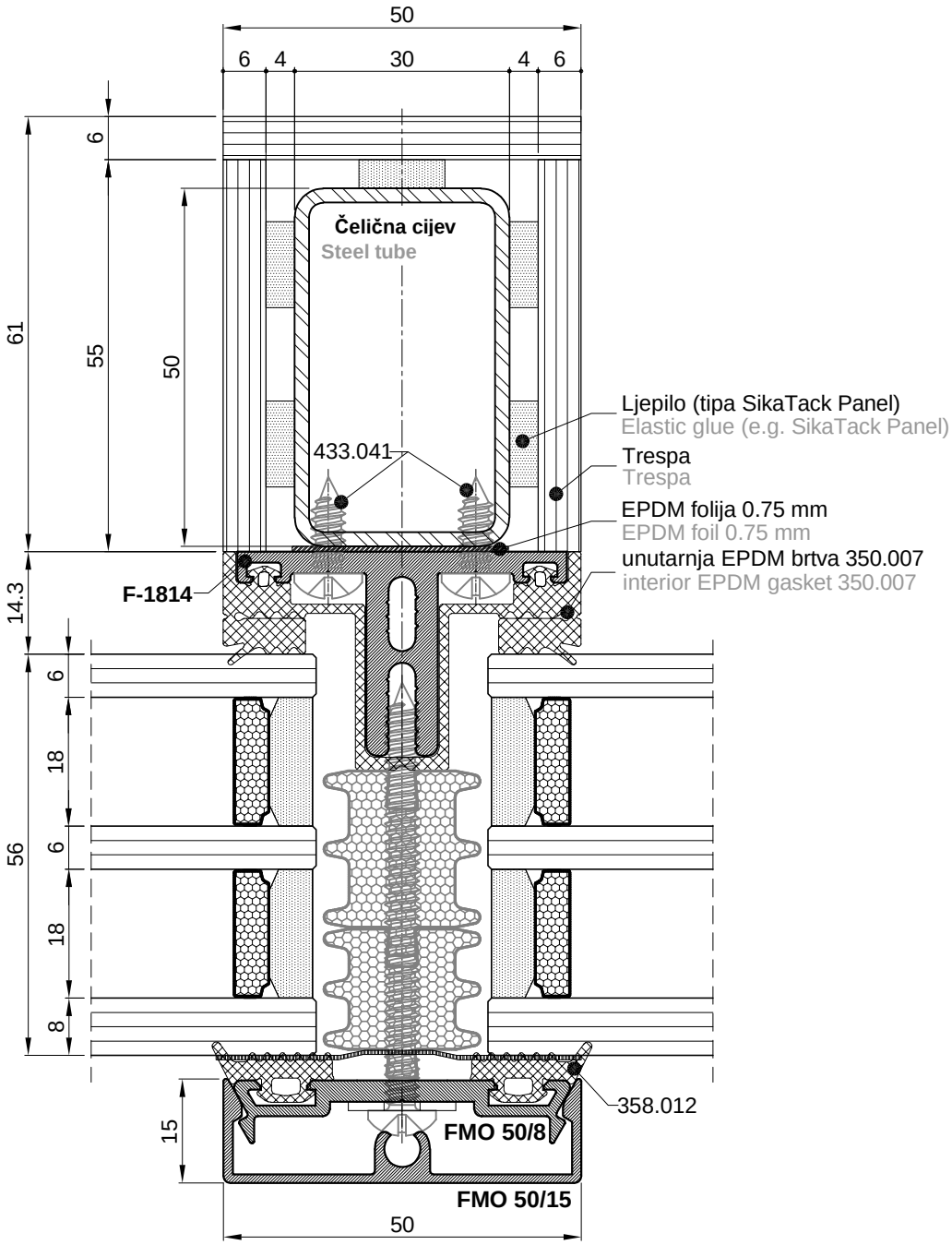


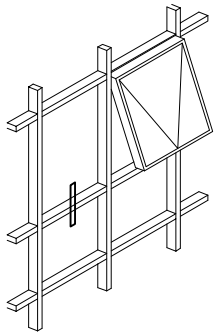

50
Drvena podkonstrukcija
Wooden substructure
433.214
izolacija po opsegu stakla (λ=0.038 W/m2K)
isolation around the glass (λ=0.038 W/m2K)
unutarnja EPDM brtva 350.007
interior EPDM gasket 350.007
F-1814
100
14.3
6
18
6
18
8
56
358.012
FMO 50/8
FMO 50/15
50

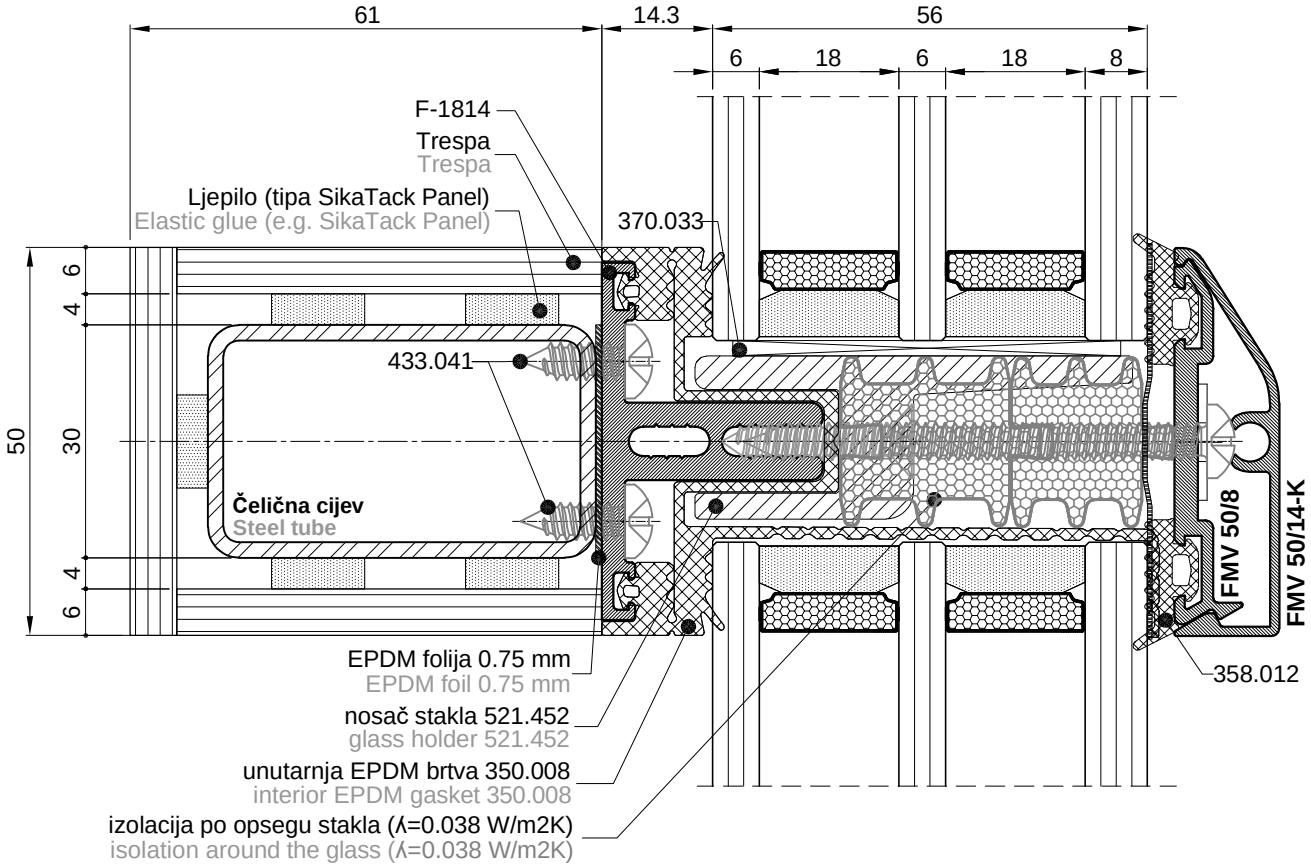



96
14.3
56
6
18
6
18
8
50
F-1814
Drvena podkonstrukcija
Wooden substructure
370.033
FMV 50/8
FMV 50/14-K
433.214
358.012
nosač stakla 521.452
glass holder 521.452
unutarnja EPDM brtva 350.008
interior EPDM gasket 350.008
izolacija po opsegu stakla (λ=0.038 W/m2K)
isolation around the glass (λ=0.038 W/m2K)



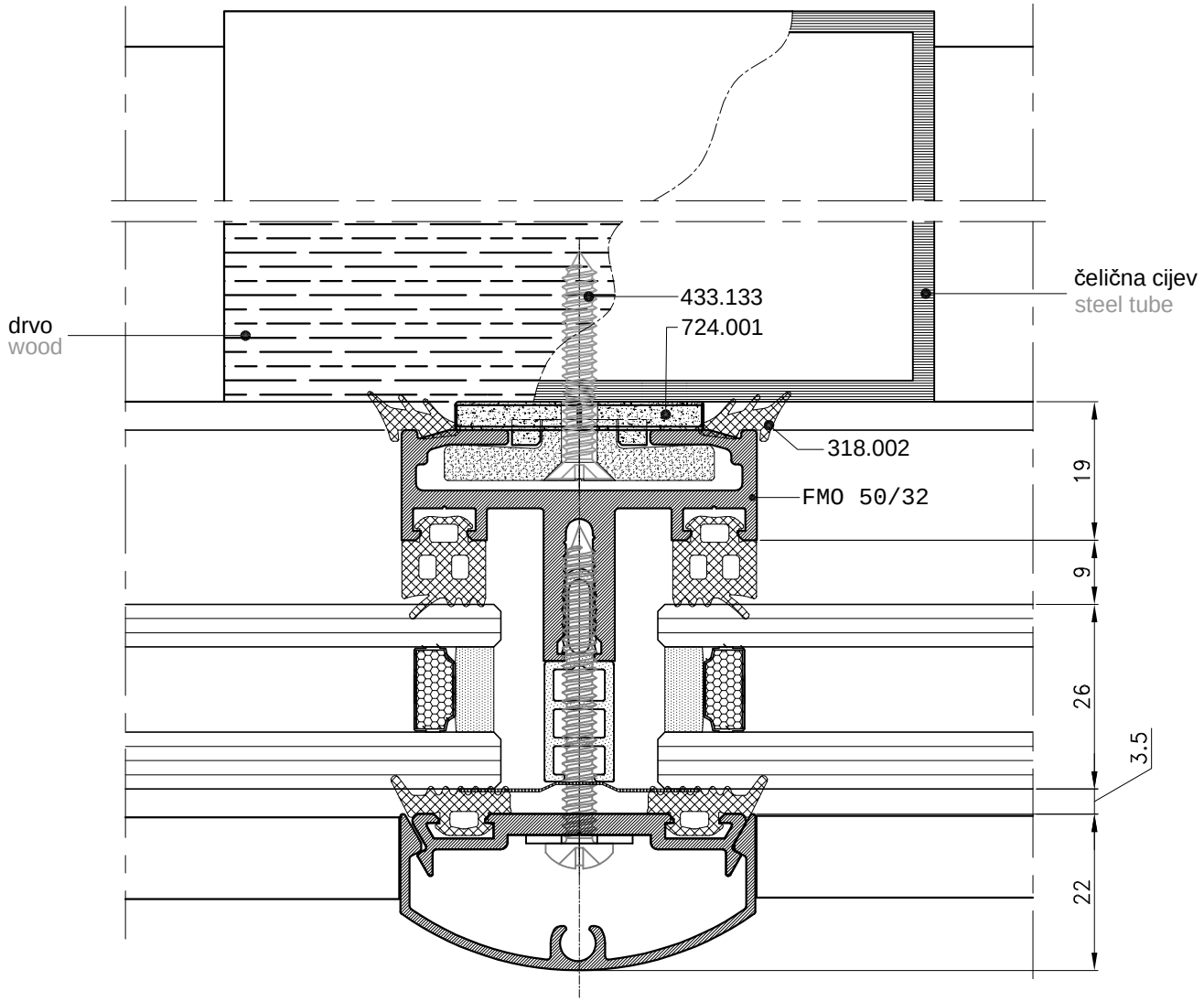

50
6
4
30
4
6
6
61
55
50
Čelična cijev
Steel tube
433.041
Ljepilo (tipa SikaTack Panel)
Elastic glue (e.g. SikaTack Panel)
Trespa
Trespa
EPDM folija 0.75 mm
EPDM foil 0.75 mm
unutarnja EPDM brtva 350.007
interior EPDM gasket 350.007
F-1814
14.3
6
18
6
18
8
56
358.012
FMO 50/8
15
FMO 50/15
50

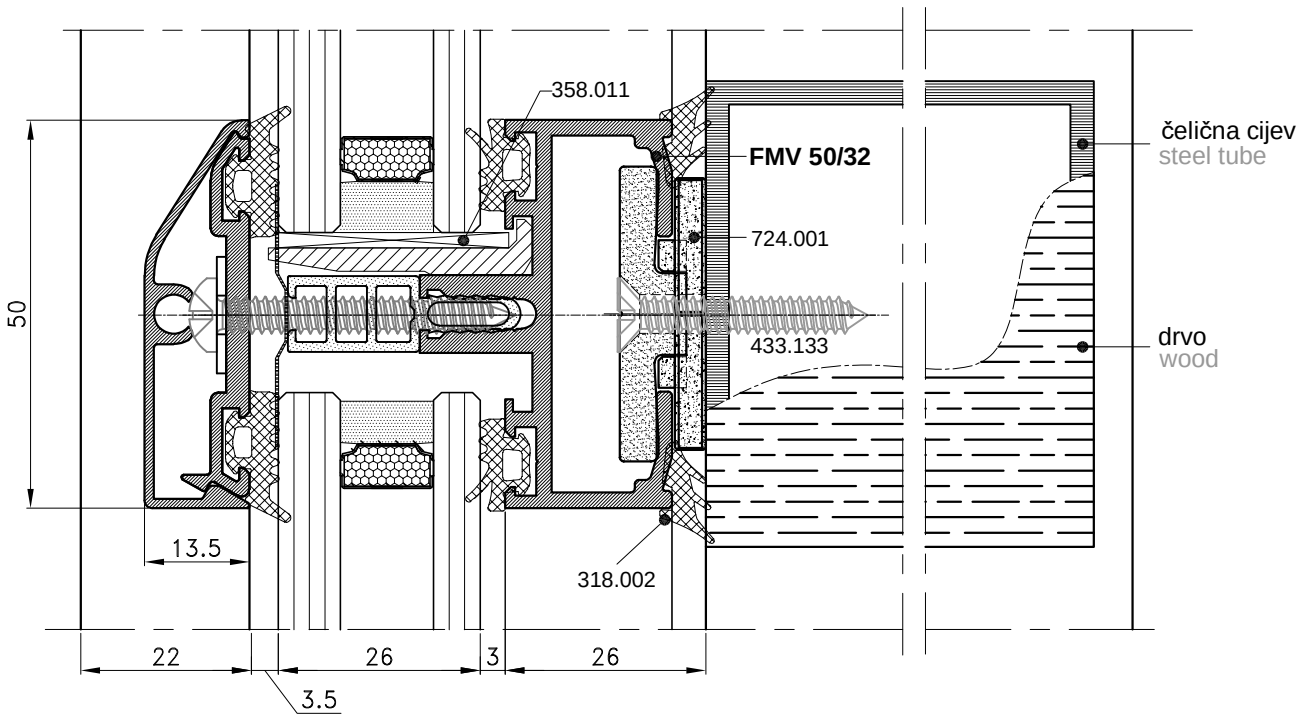


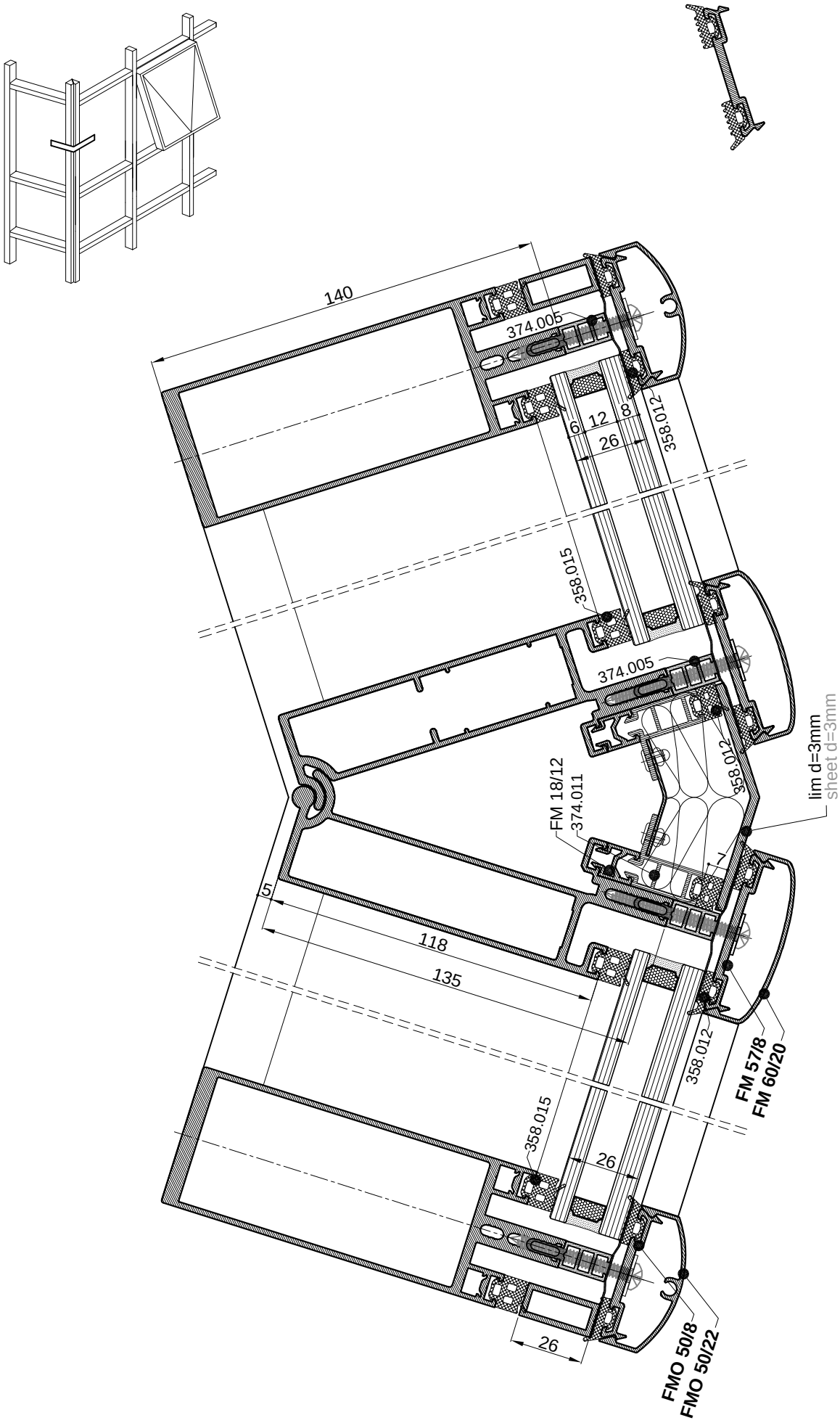

61
14.3
56
6
18
6
18
8
F-1814
Trespa
Trespa
Ljepilo (tipa SikaTack Panel)
Elastic glue (e.g. SikaTack Panel)
370.033
433.041
50
6
4
30
4
6
Čelična cijev
Steel tube
FMV 50/8
FMV 50/14-K
358.012
EPDM folija 0.75 mm
EPDM foil 0.75 mm
nosač stakla 521.452
glass holder 521.452
unutarnja EPDM brtva 350.008
interior EPDM gasket 350.008
izolacija po opsegu stakla (λ=0.038 W/m2K)
isolation around the glass (λ=0.038 W/m2K)

Fasada 50 FK na čeličnoj/drvenoj podkostrukciji

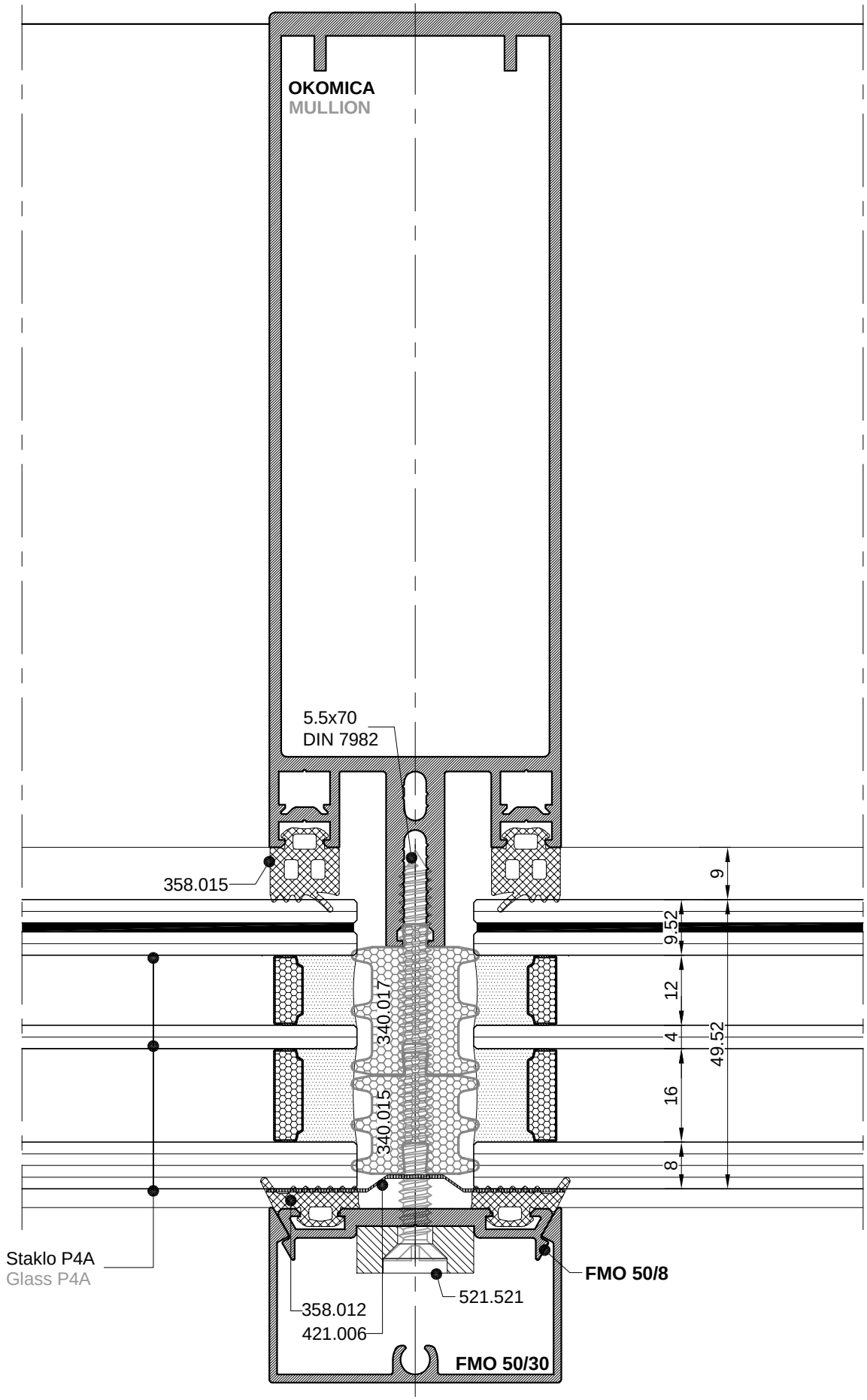
Fasada 50 FK on steel/wood substructure



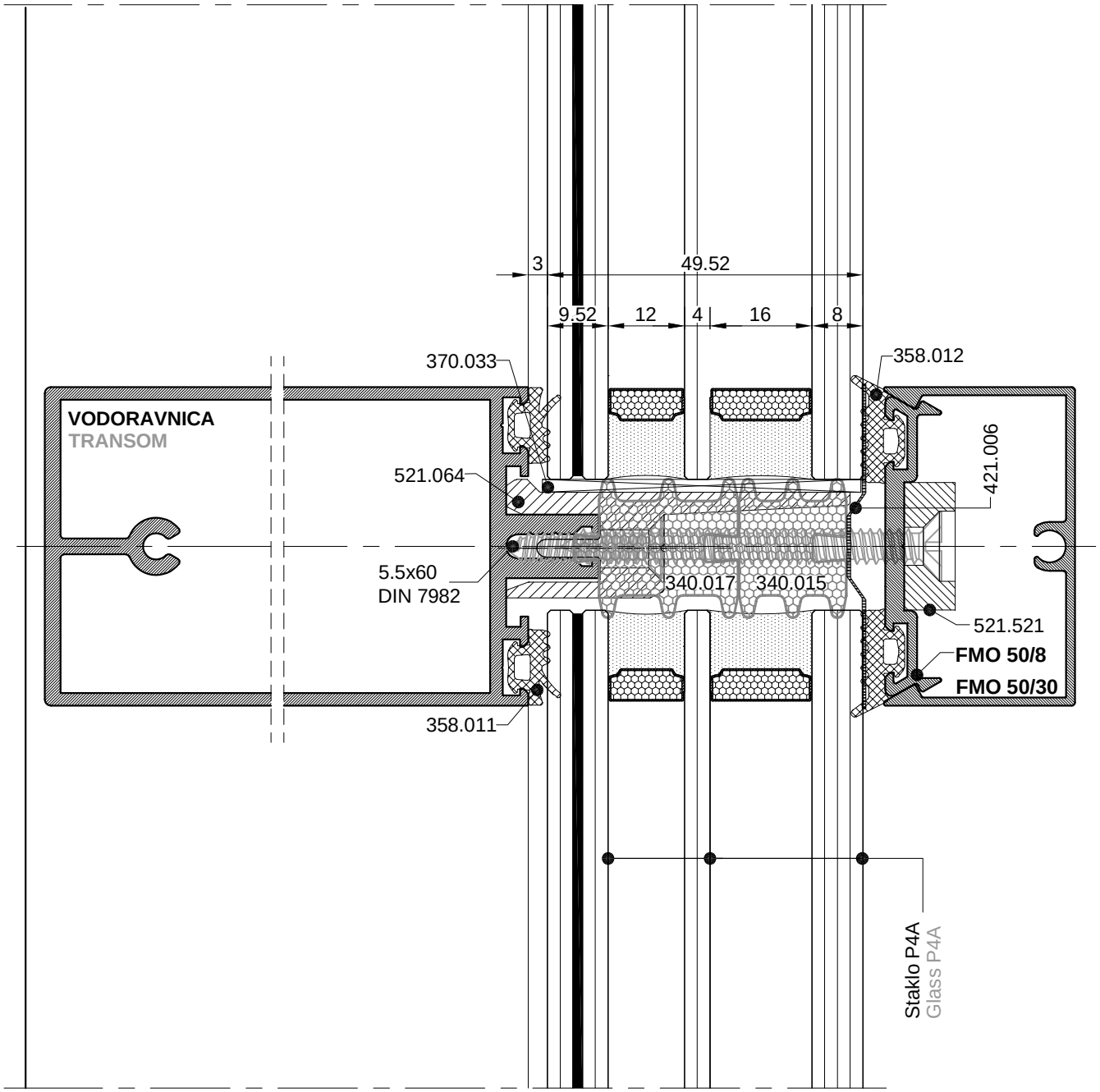


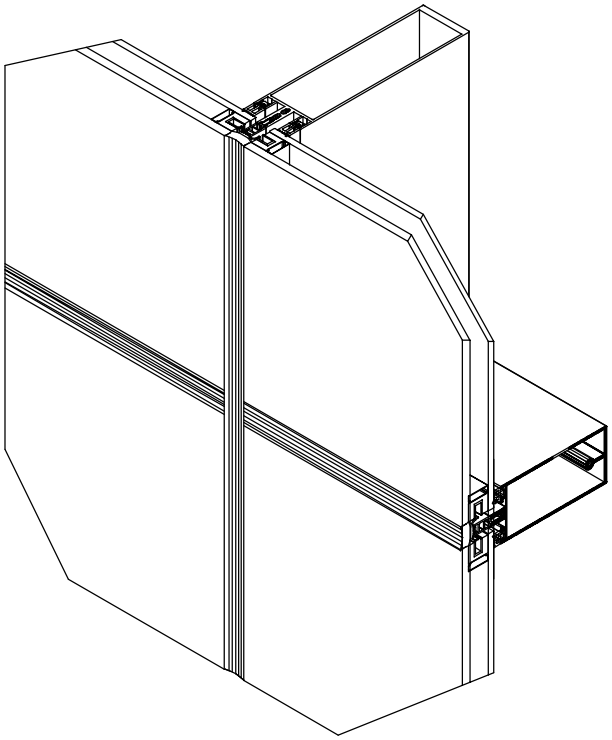

140
374.005
6
12
8
26
358.012
358.015
374.005
358.012
FM 18/12
374.011
lim d=3mm
sheet d=3mm
7
5
118
135
358.012
FM 57/8
FM 60/20
358.015
26
26
FMO 50/8
FMO 50/22

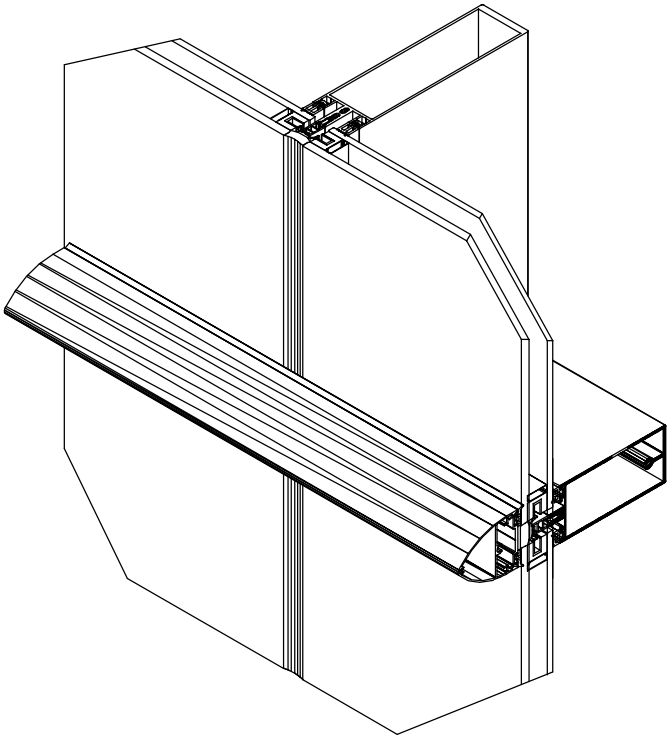
PROTUPROVALNOST RAZRED RC2
PROTECTION AGAINST BURGLARY CLASS RC2

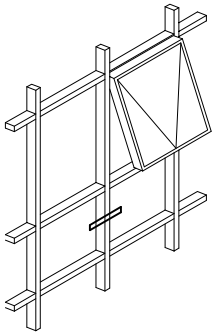


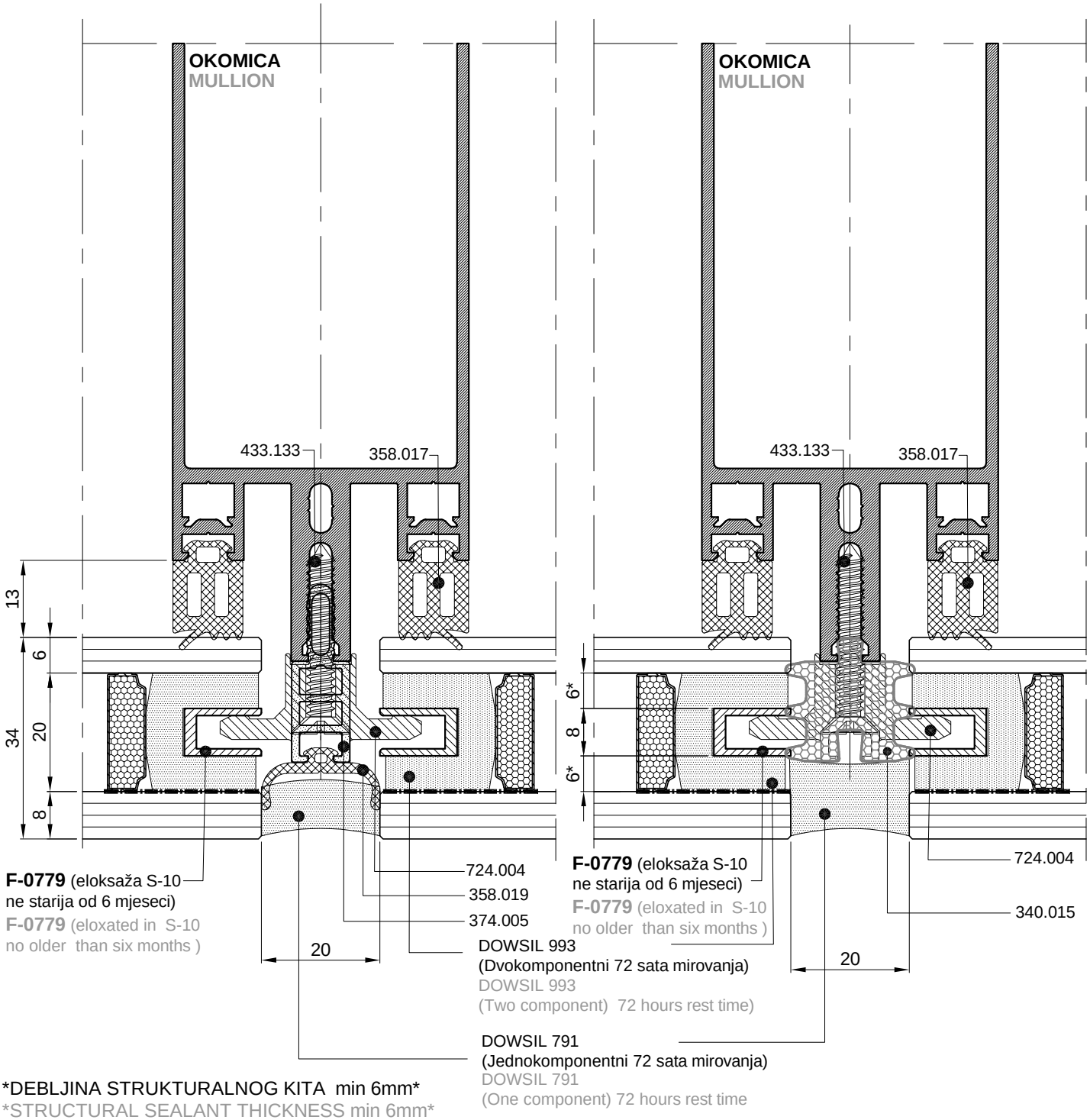
PROTUPROVALNI DIO FASADE RAZRED RC2
PROTECTION AGAINST BURGLARY CLASS RC2



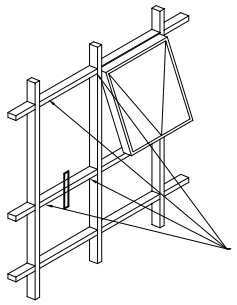




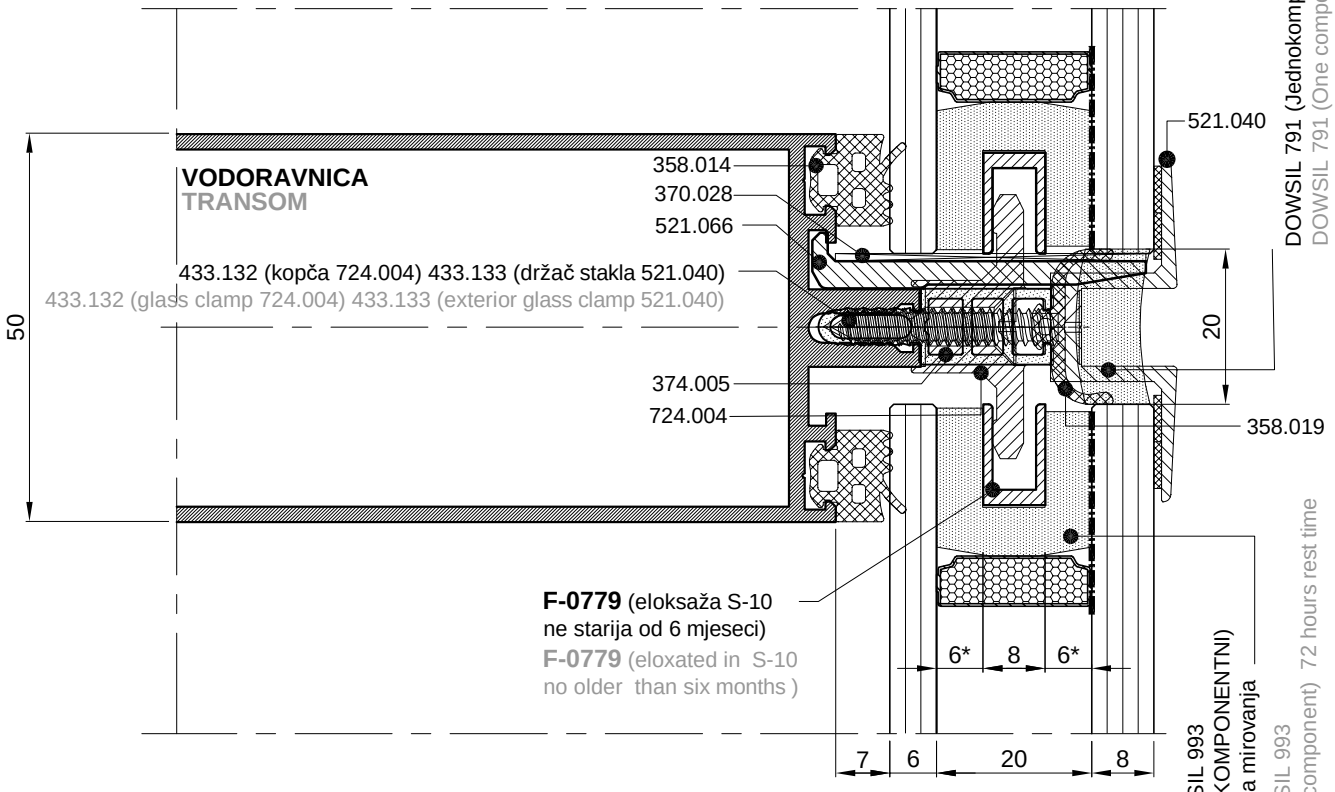


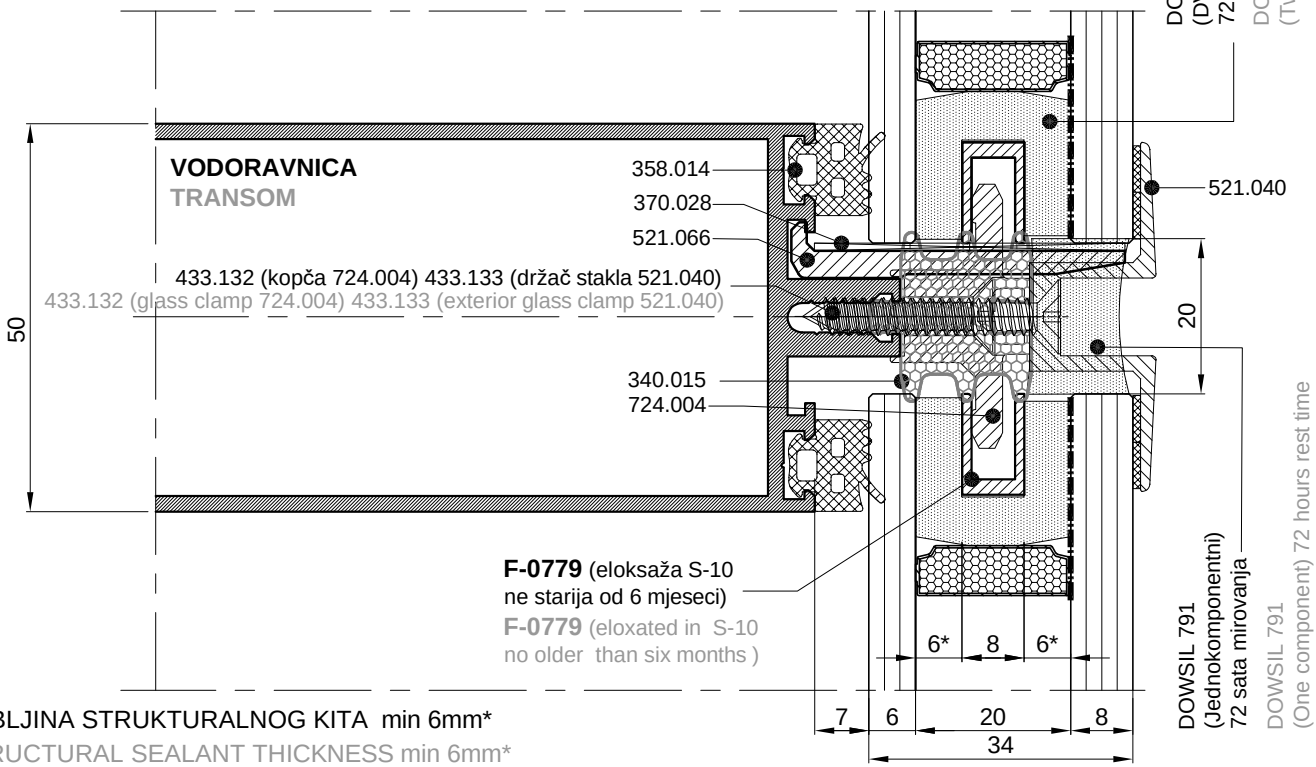


DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

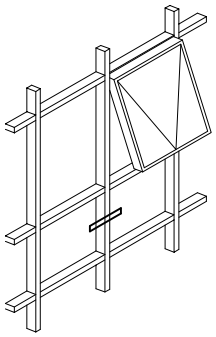


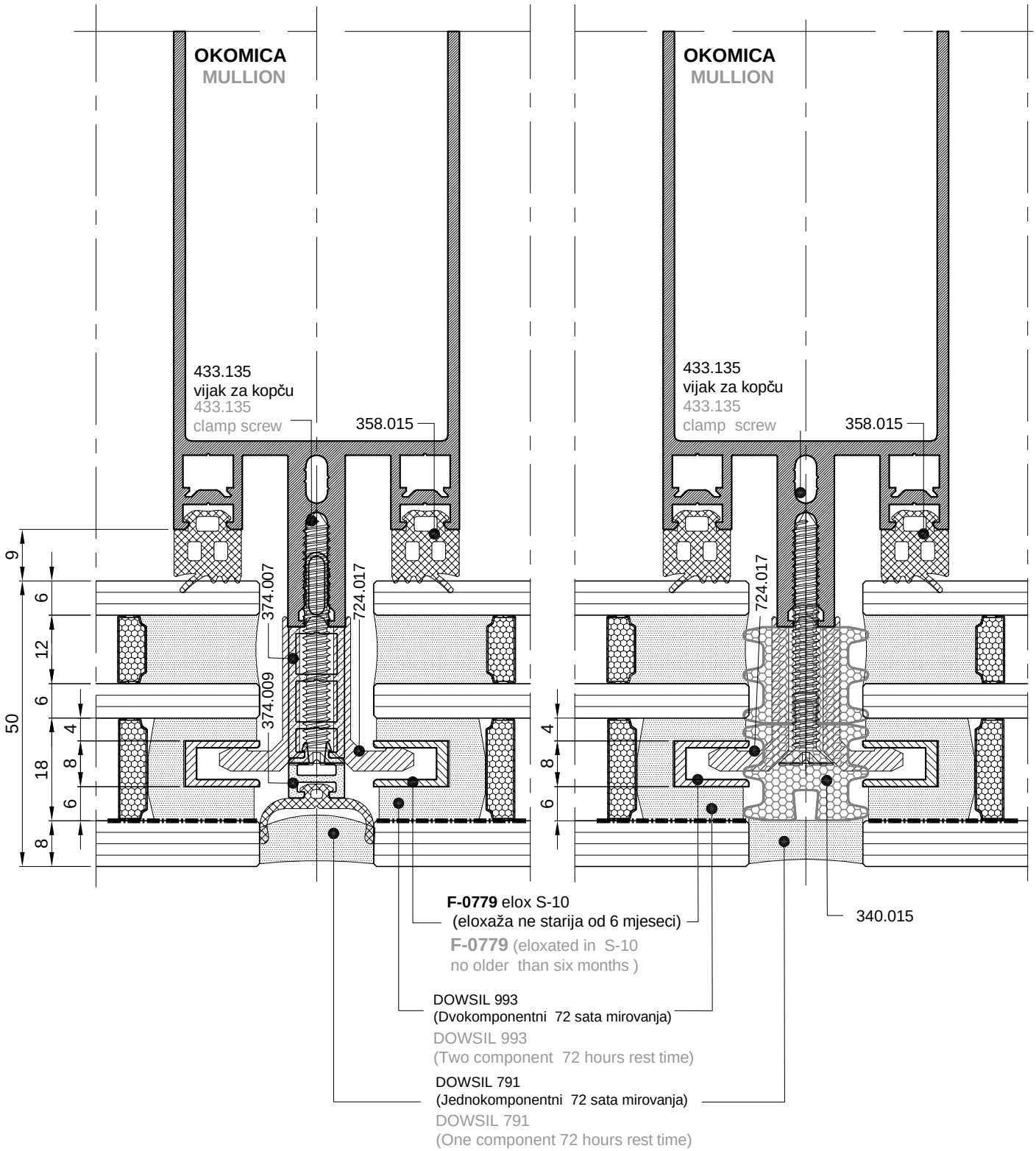
521.040-držač vanjskog fiksnog stakla
(četiri po staklu)
521.040-exterior fixed field glass clamp
(four per glass)

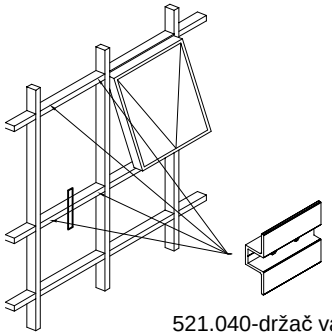




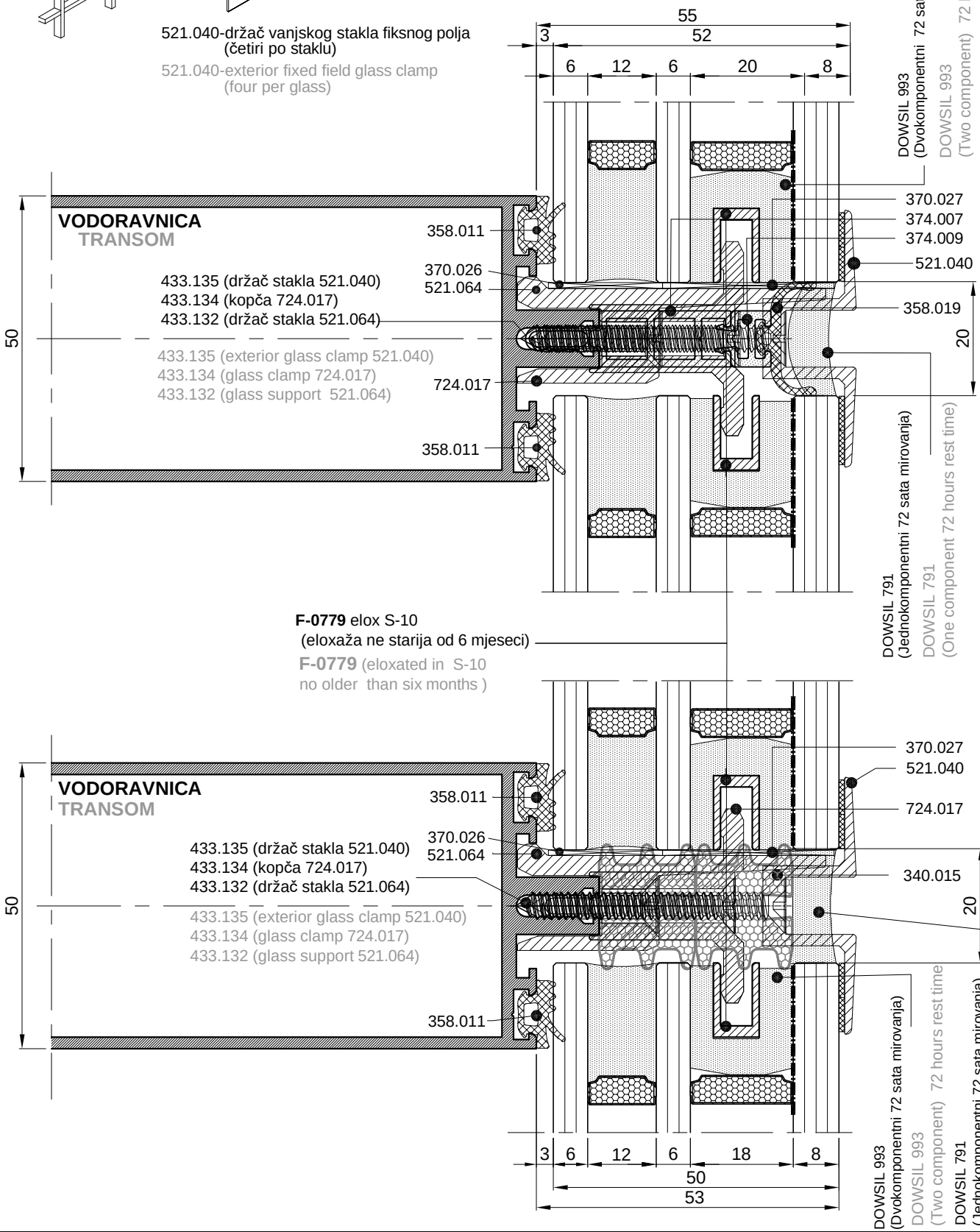
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

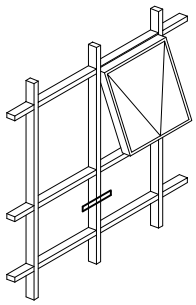


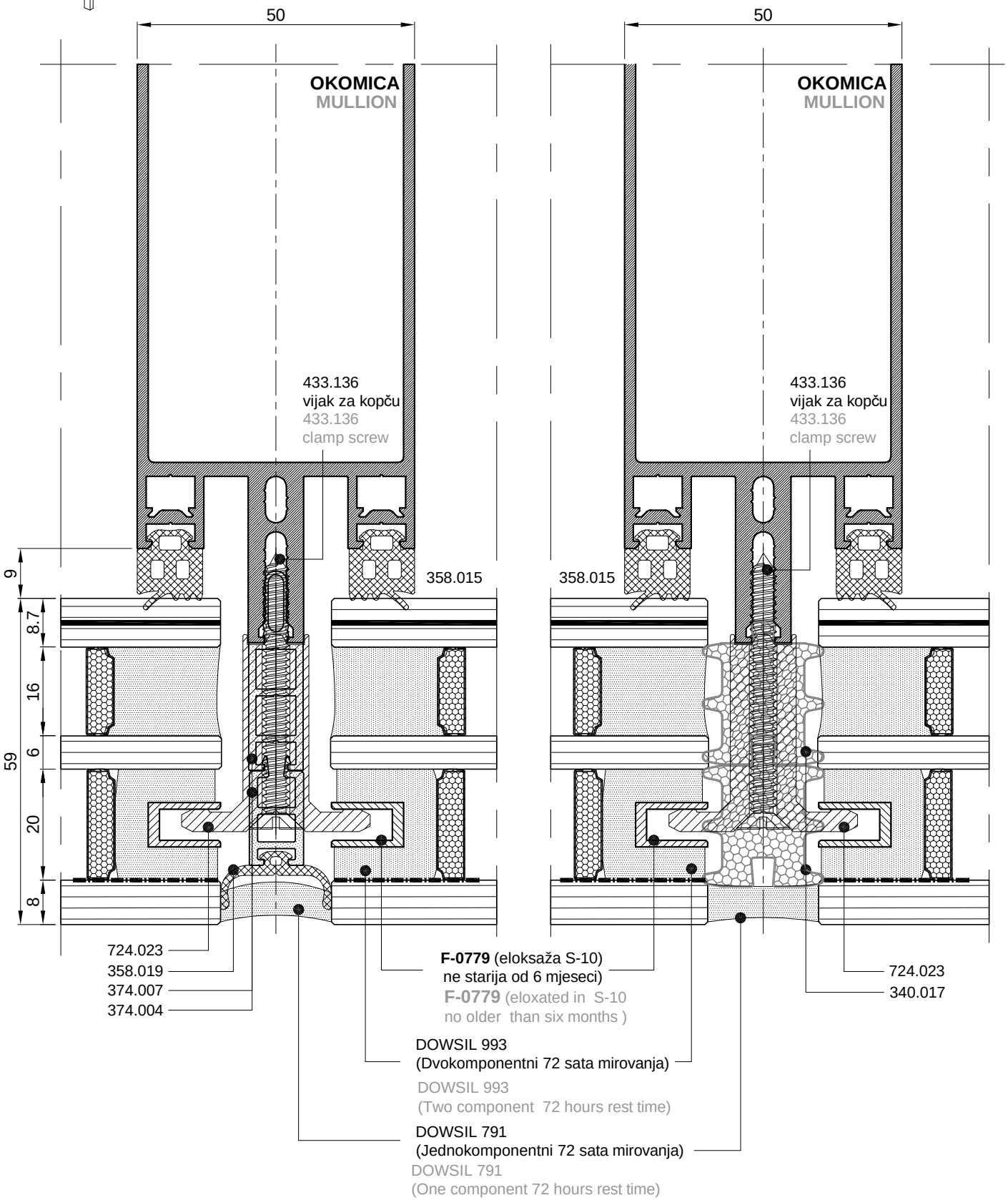

OKOMICA
MULLION
OKOMICA
MULLION
433.135
vijak za kopču
433.135
clamp screw
433.135
vijak za kopču
433.135
clamp screw
358.015
358.015
374.007
724.017
374.009
724.017
9
6
12
6
4
8
18
6
8
50
4
8
6
F-0779 elox S-10
(eloxaža ne starija od 6 mjeseci)
F-0779 (eloxated in S-10
no older than six months)
340.015
DOWSIL 993
(Dvokomponentni 72 sata mirovanja)
DOWSIL 993
(Two component 72 hours rest time)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hours rest time)

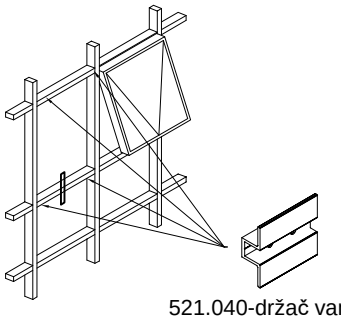


521.040-držač vanjskog stakla fiksnog polja
(četiri po staklu)
521.040-exterior fixed field glass clamp
(four per glass)

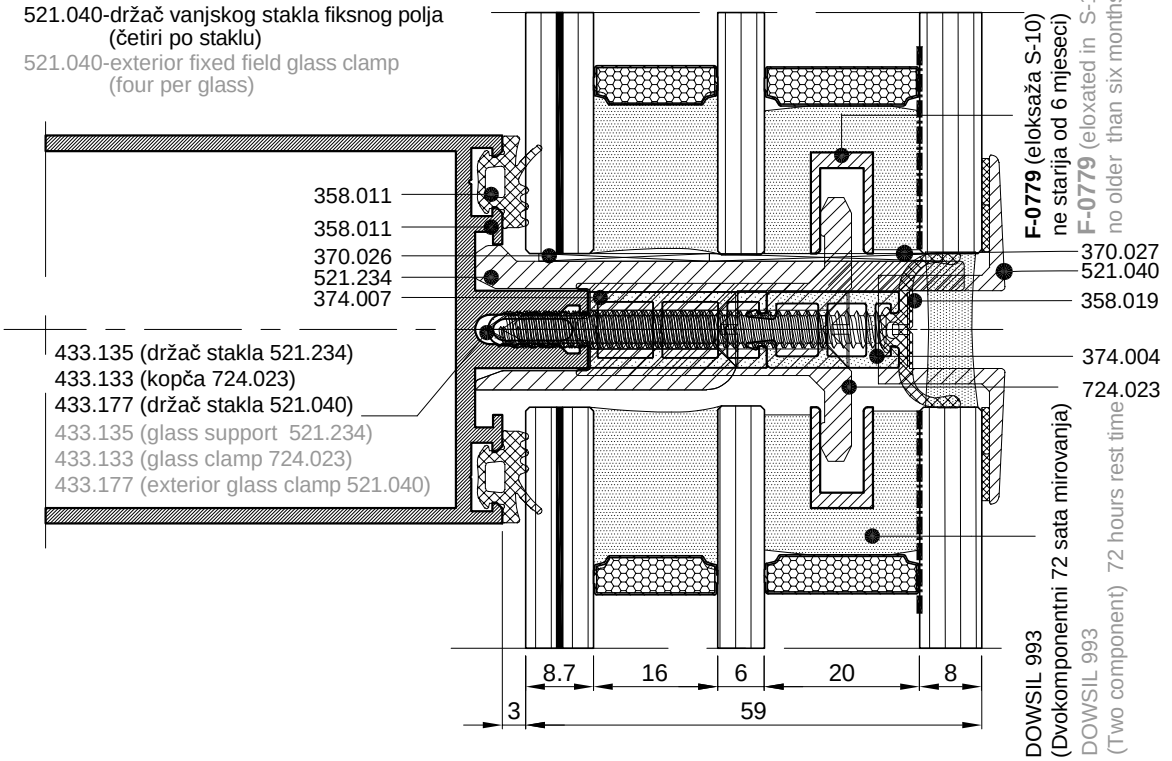


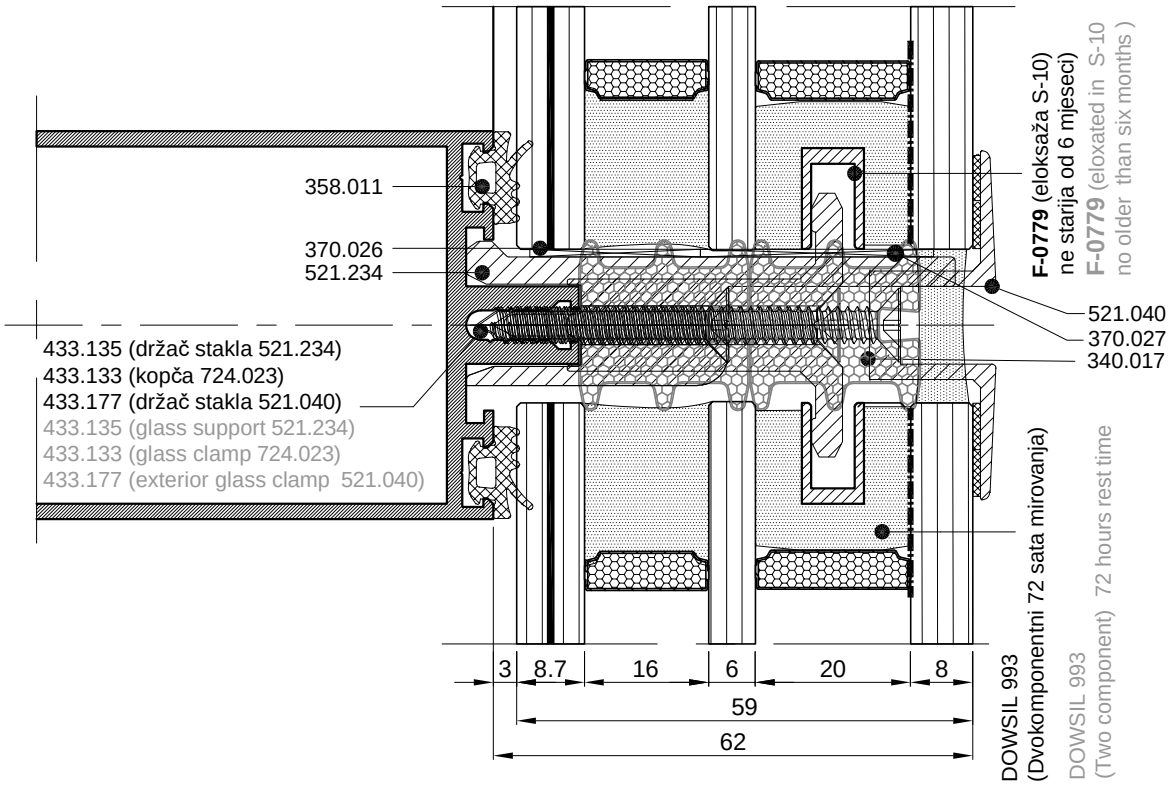


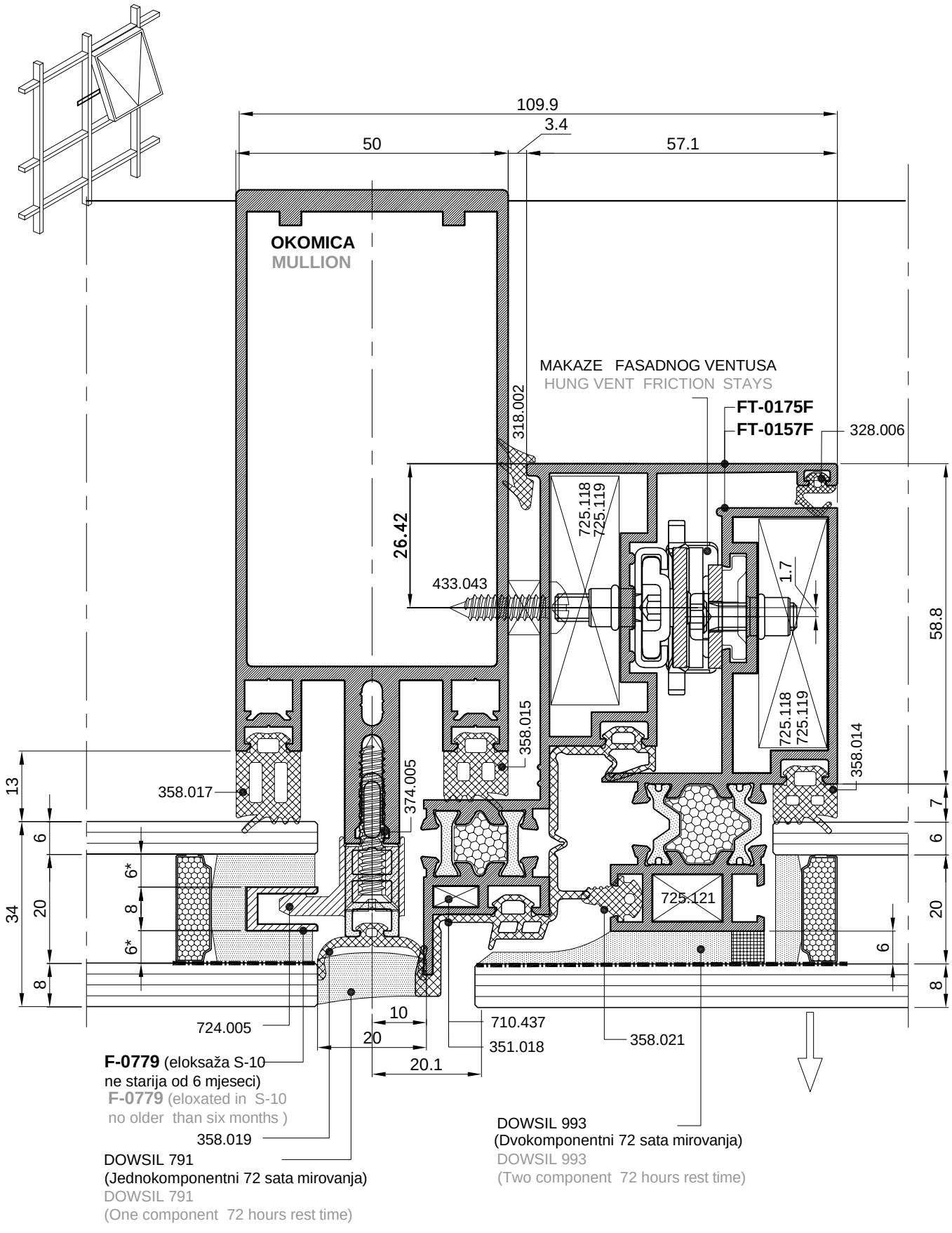

50
50
OKOMICA
MULLION
OKOMICA
MULLION
433.136
vijak za kopču
433.136
clamp screw
433.136
vijak za kopču
433.136
clamp screw
358.015
358.015
9
8.7
16
6
20
8
59
724.023
358.019
374.007
374.004
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated in S-10
no older than six months)
DOWSIL 993
(Dvokomponentni 72 sata mirovanja)
DOWSIL 993
(Two component 72 hours rest time)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hours rest time)
724.023
340.017



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





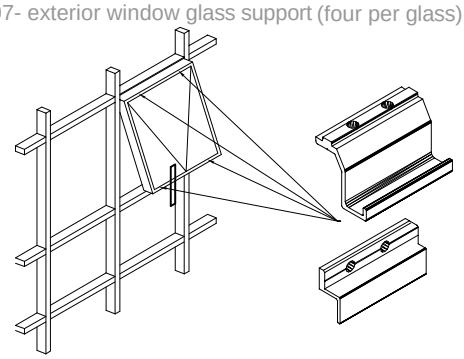


***VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 no older THAN 6 MONTHS

MAKAZE FASADNOG VENTUSA SA ZAKOVANIM KLIZAČEM NC-1459
HUNG VENT FRICTION HINGES WITH BOLTED SLIDING BAR NC-1459

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

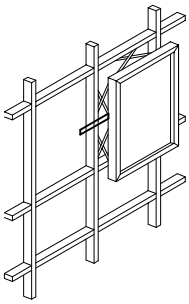
521.007- držač vanjskog prozorskog stakla (četiri po staklu)
521.007- exterior window glass support (four per glass)

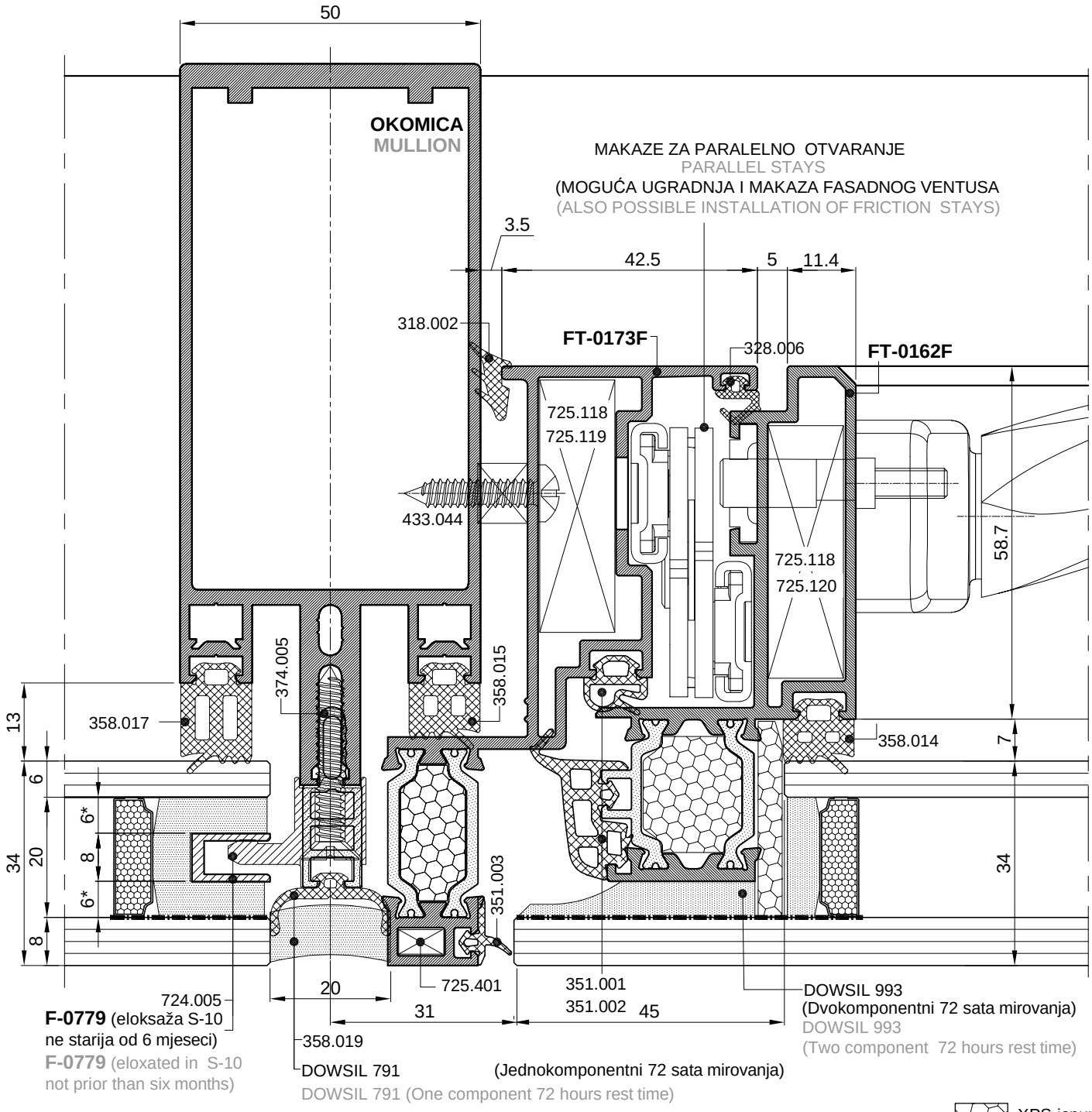


521.039- držač vanjskog stakla fiksnog polja (četiri po staklu)
521.039- exterior fixed field glass clamp (four per glass)

**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 older THAN 6 MONTHS

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



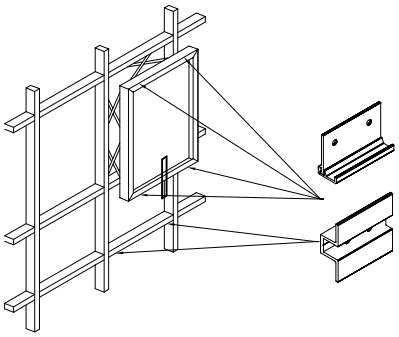


XPS-ispuna
XPS-filling

***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.

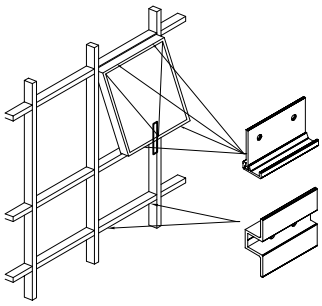
**VANJSKA STRANA PROFILA FT-0162 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILE FT-0162 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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



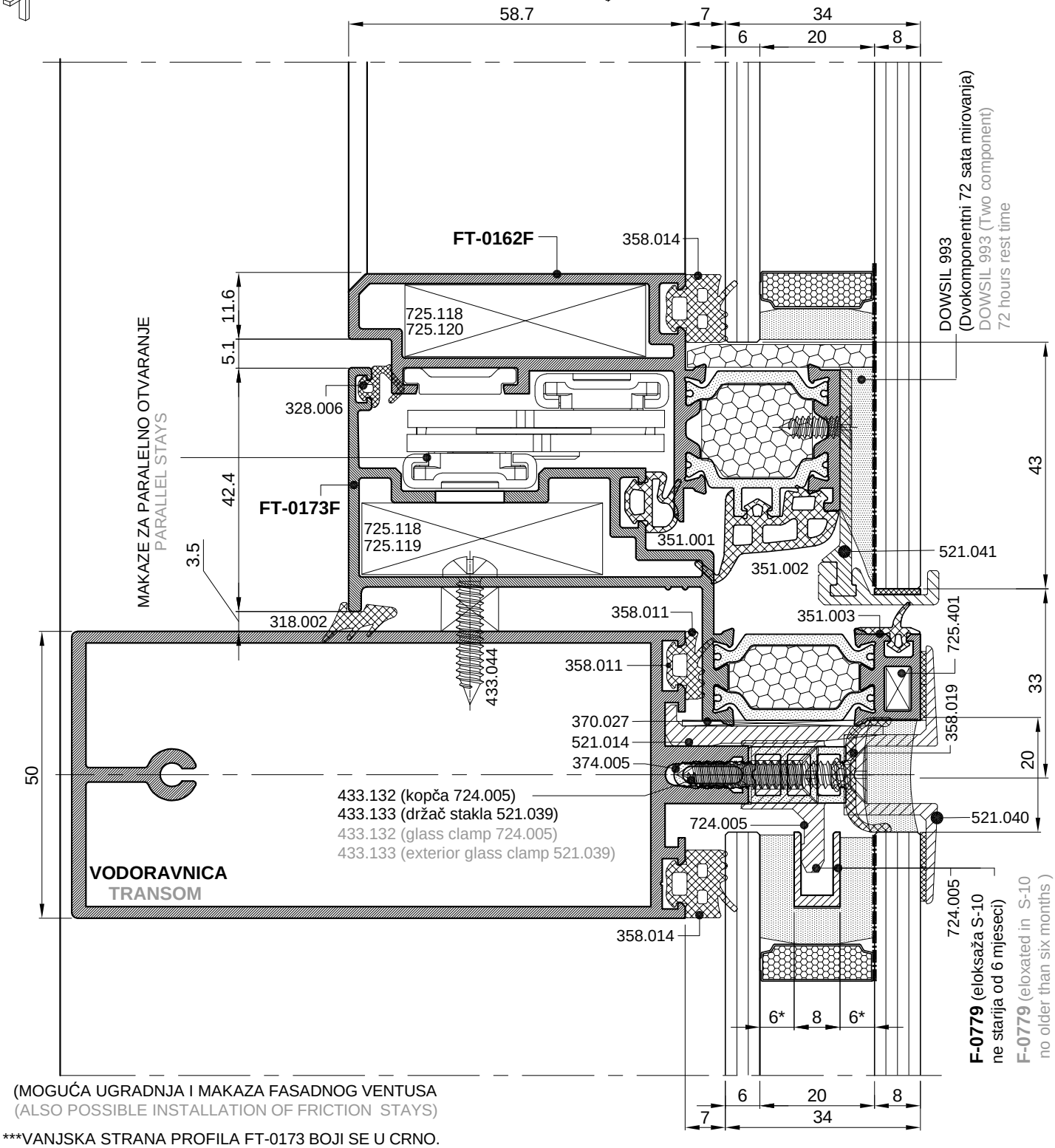
521.041 držač vanjskog prozorskog stakla (četiri po staklu)
521.041- exterior window glass support (four per glass)

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



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)

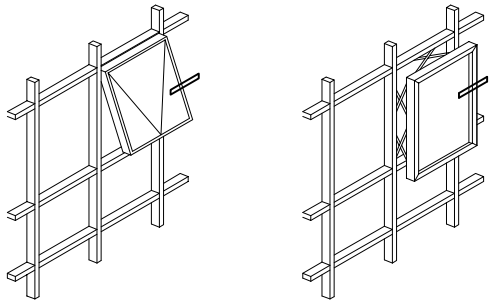


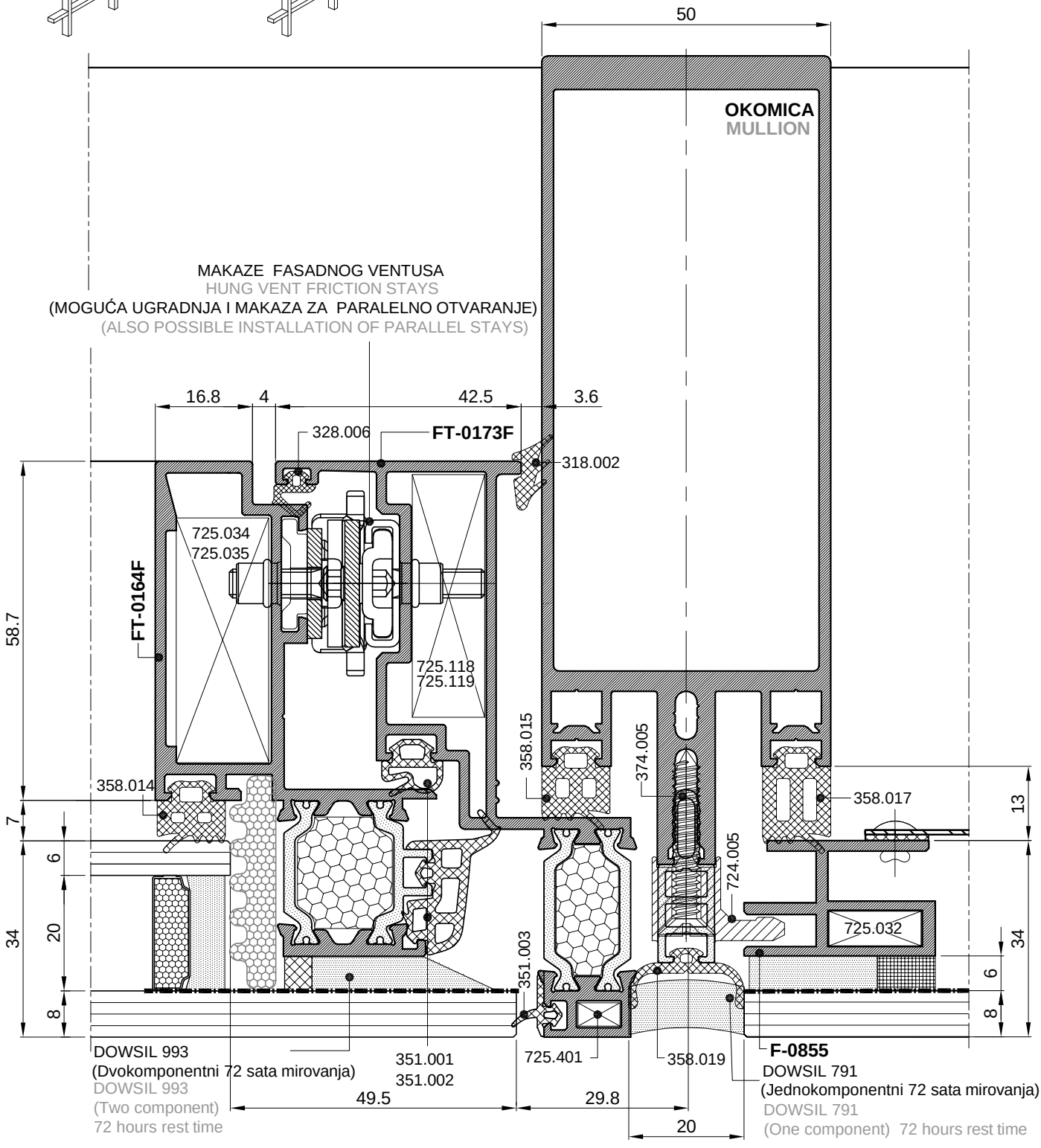
(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS)

***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

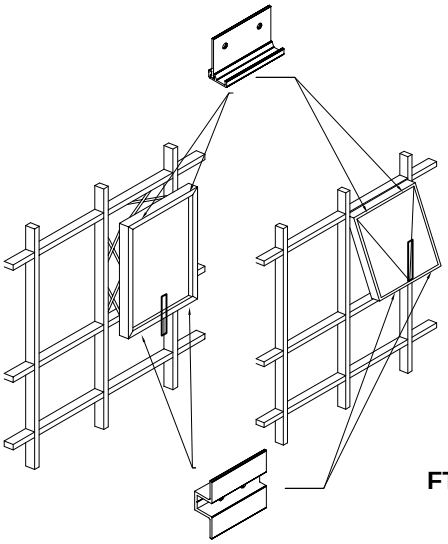
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*





***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.
**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 OLDER THAN 6 MONTHS
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)



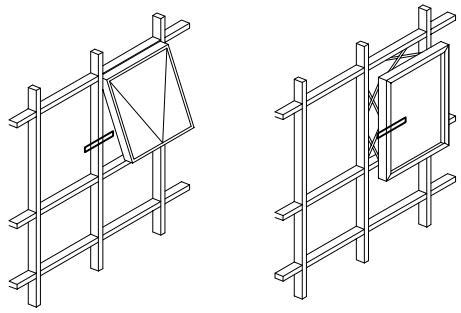
521.040-držač vanjskog stakla fiksnog polja (četiri po staklu)
521.040- exterior fixed field glass clamp (four per glass)

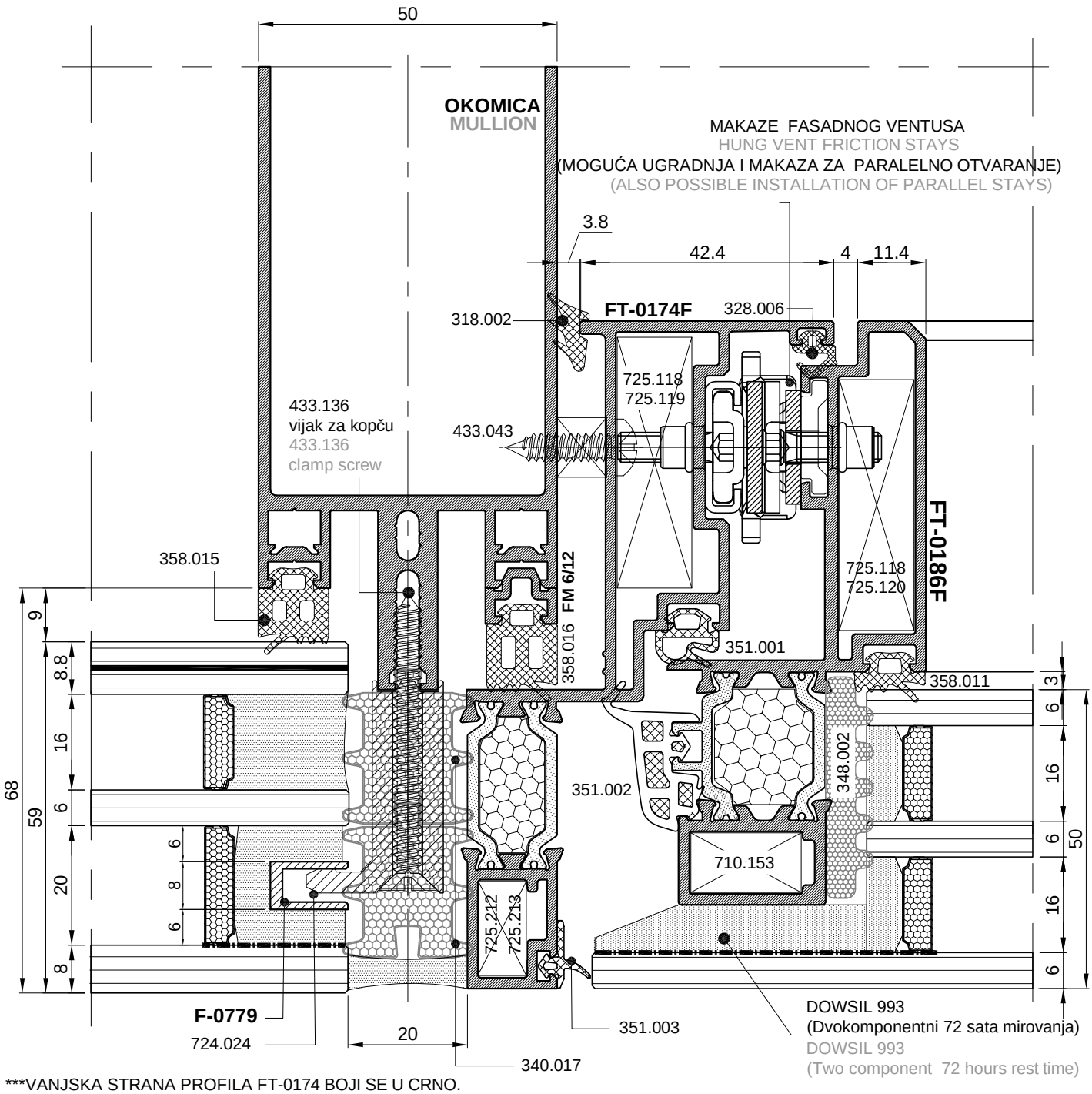
(MOGUĆA UGRADNJA I MAKAZA ZA PARALELNO OTVARANJE)
(ALSO POSSIBLE INSTALLATION OF PARALLEL STAYS)

***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

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

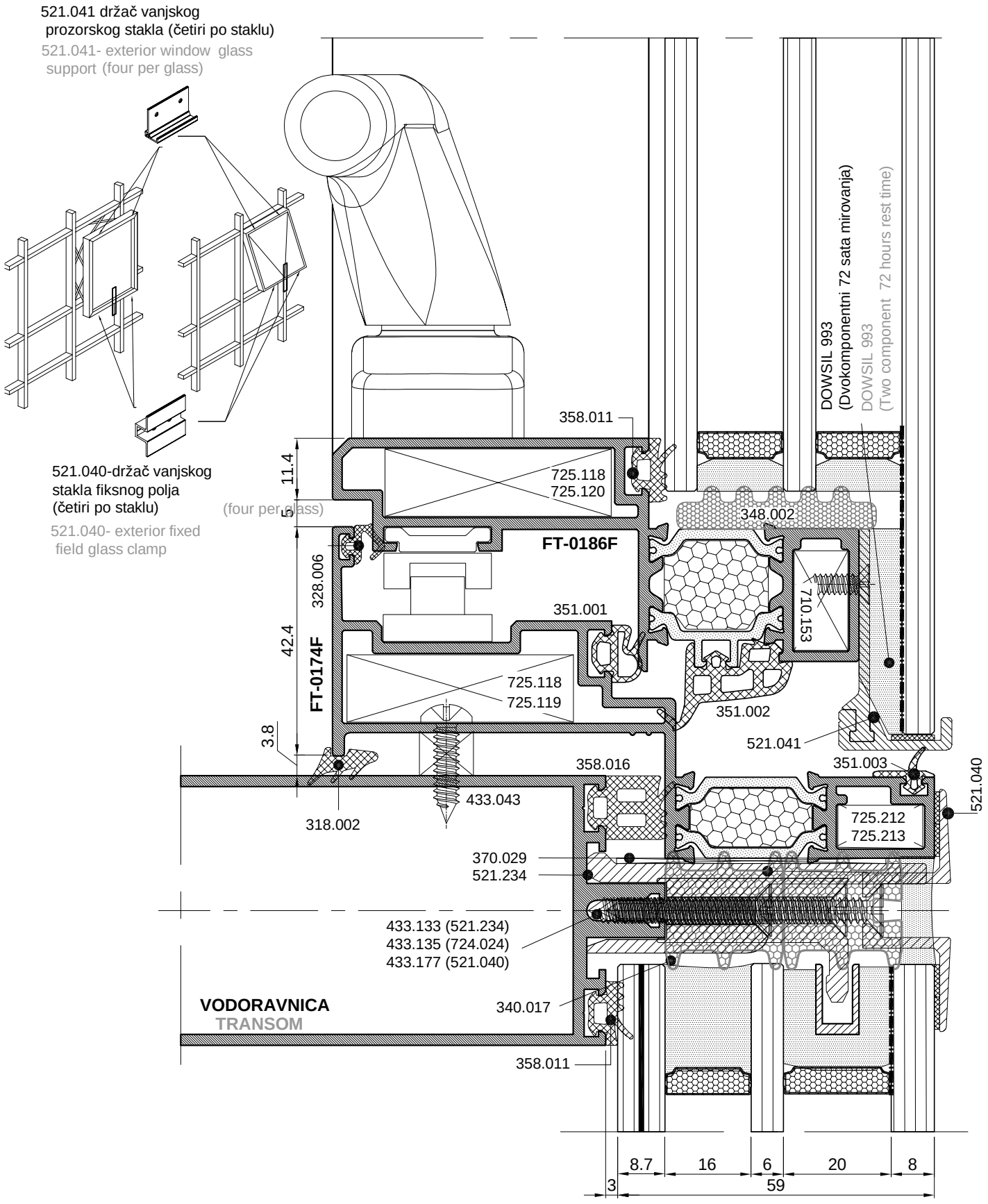




***VANJSKA STRANA PROFILA FT-0174 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0174 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

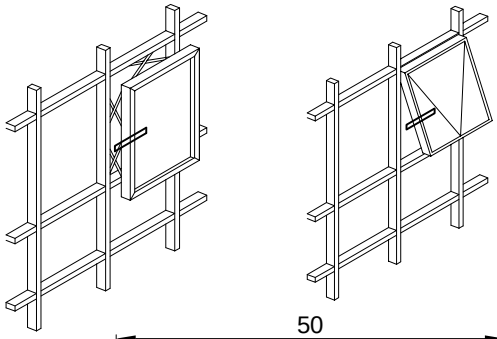
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*



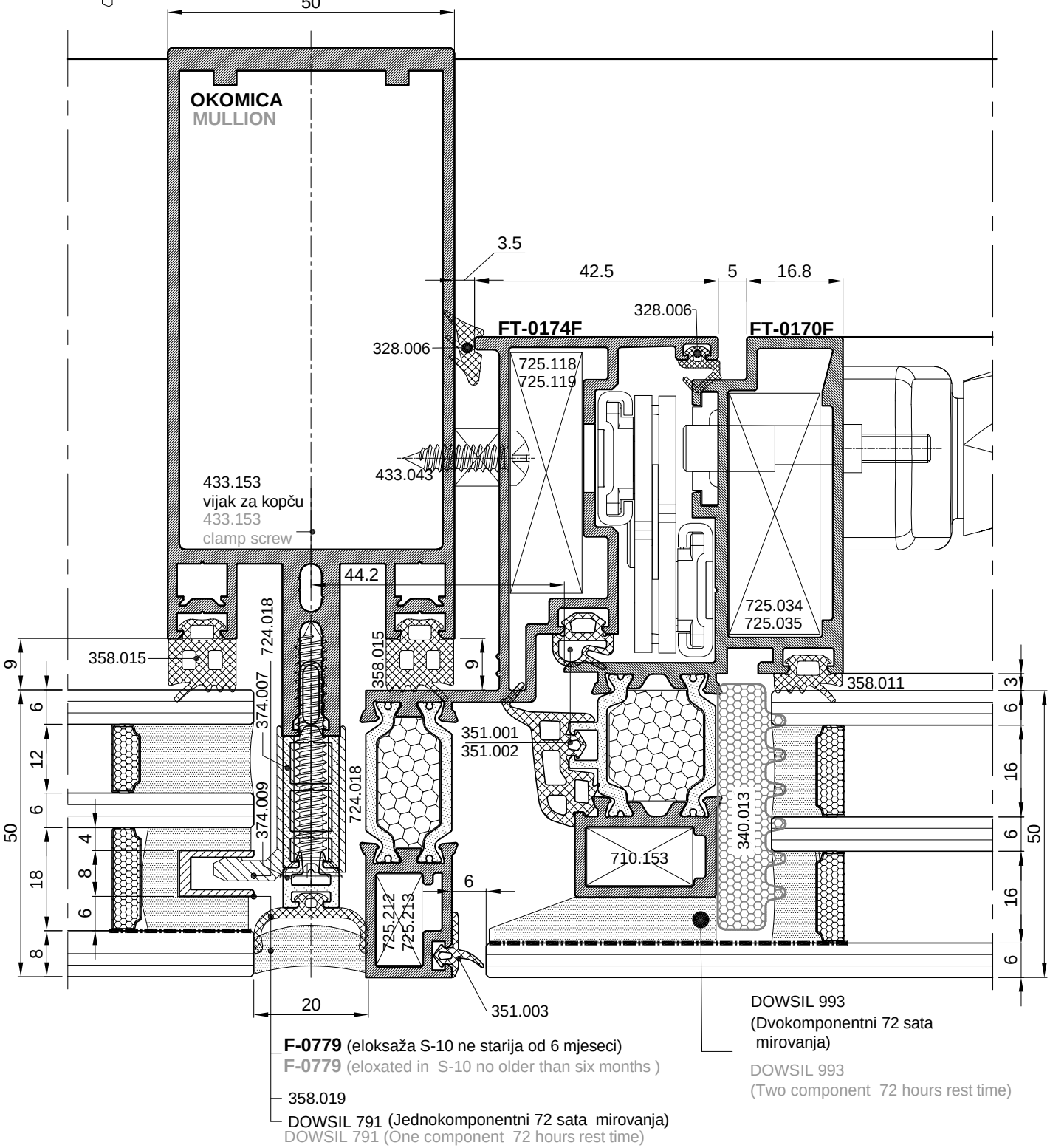
***VANJSKA STRANA PROFILA FT-0174 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0174 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

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



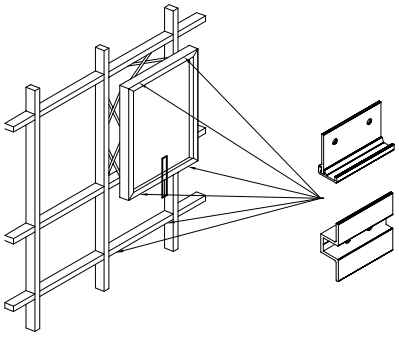
(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS)



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

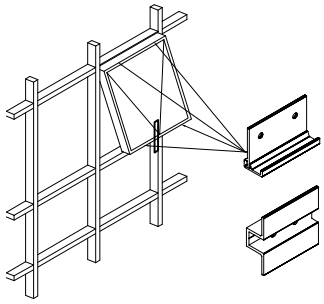
**EXTERIOR SIDE OF PROFILES FT-0170 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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)

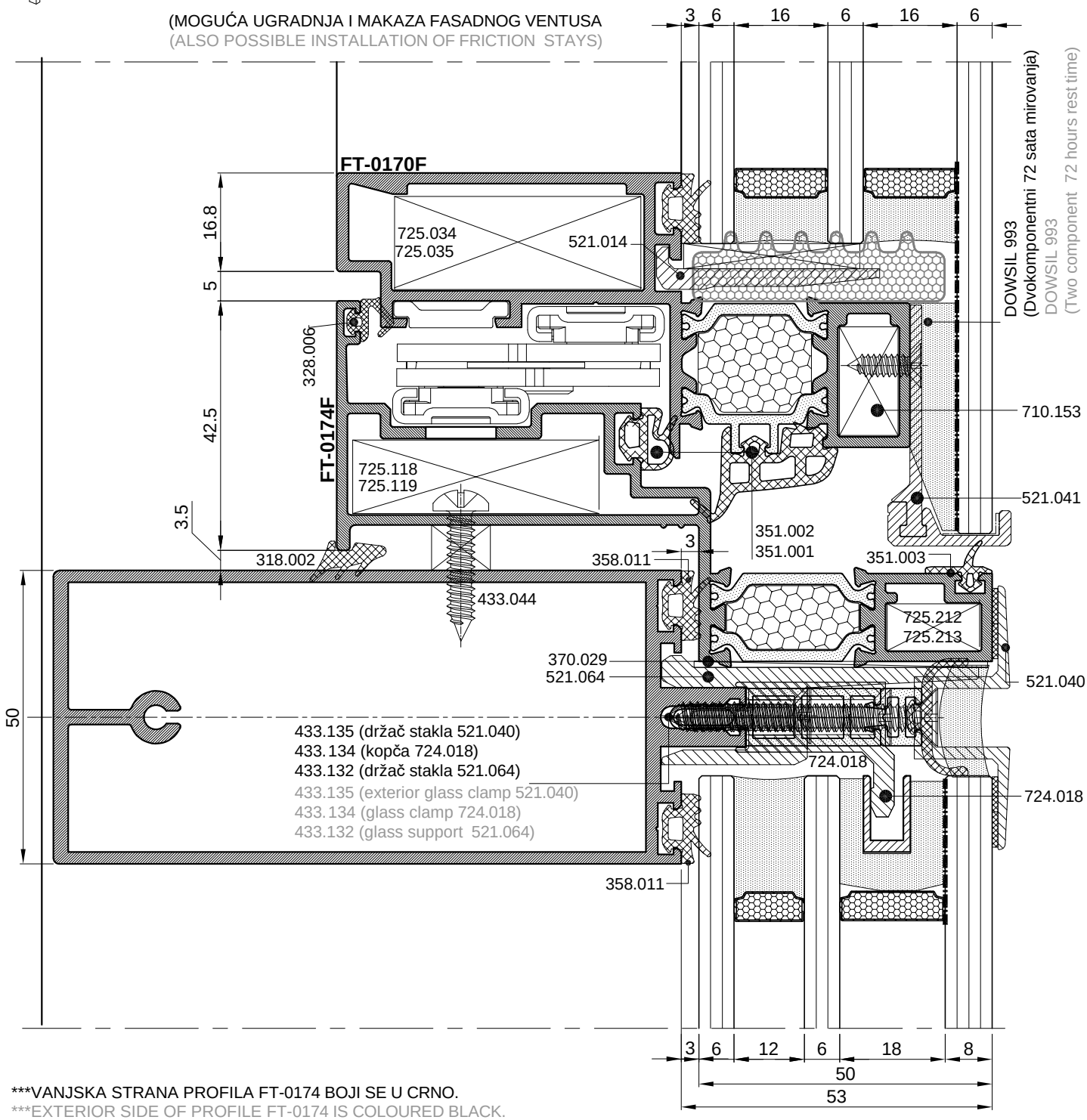
521.040-držač vanjskog stakla fiksnog polja (četiri po staklu)
521.040- exterior fixed field glass clamp (four per glass)



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)

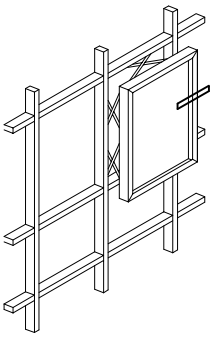
(MOGUĆA UGRADNJA I MAKAZA FASADNOG VENTUSA
(ALSO POSSIBLE INSTALLATION OF FRICTION STAYS)

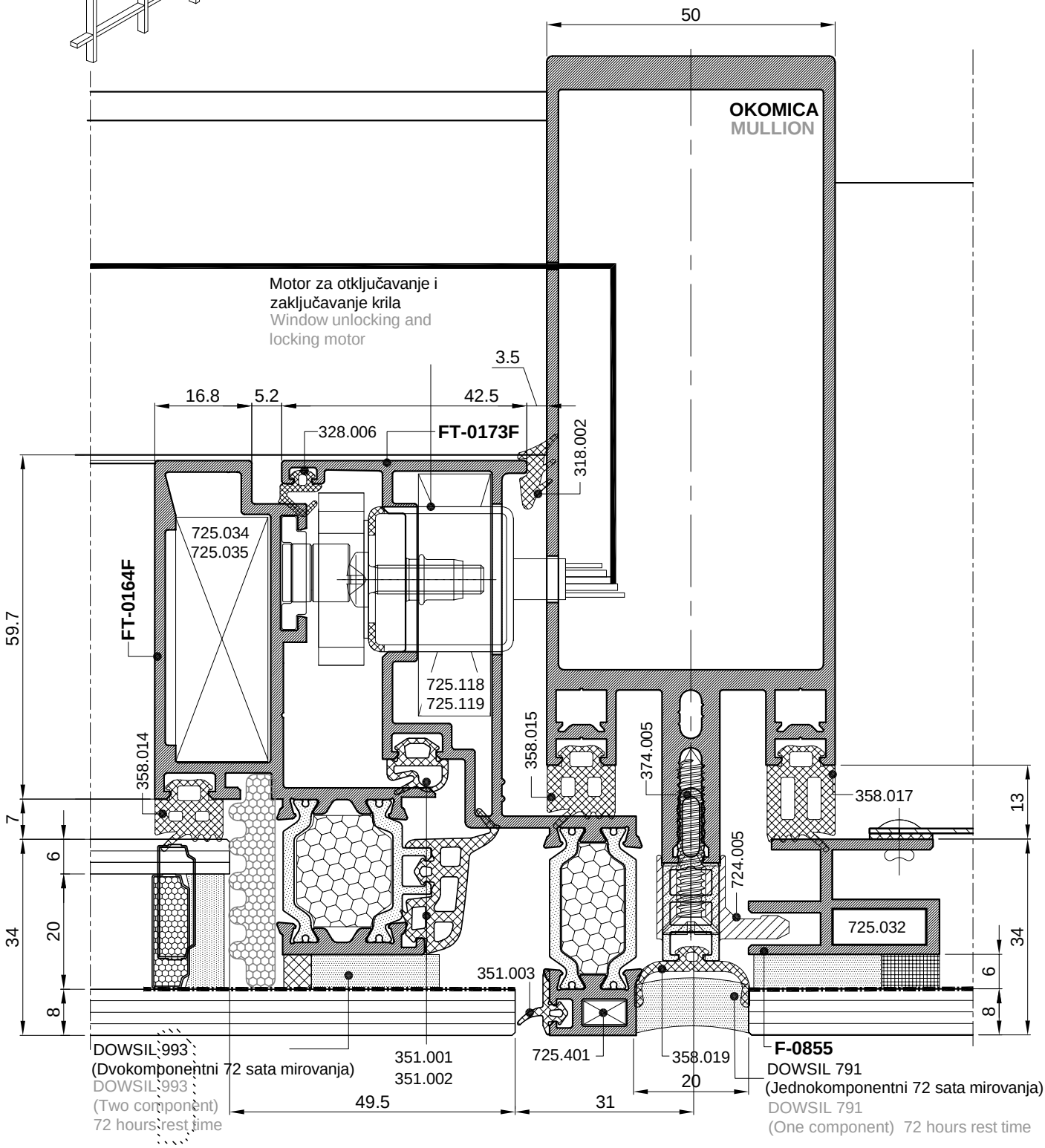


***VANJSKA STRANA PROFILA FT-0174 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0174 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

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

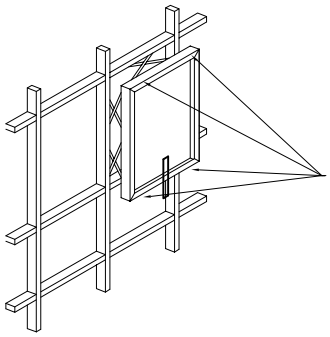


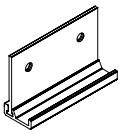


***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.

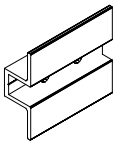
**VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILES FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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

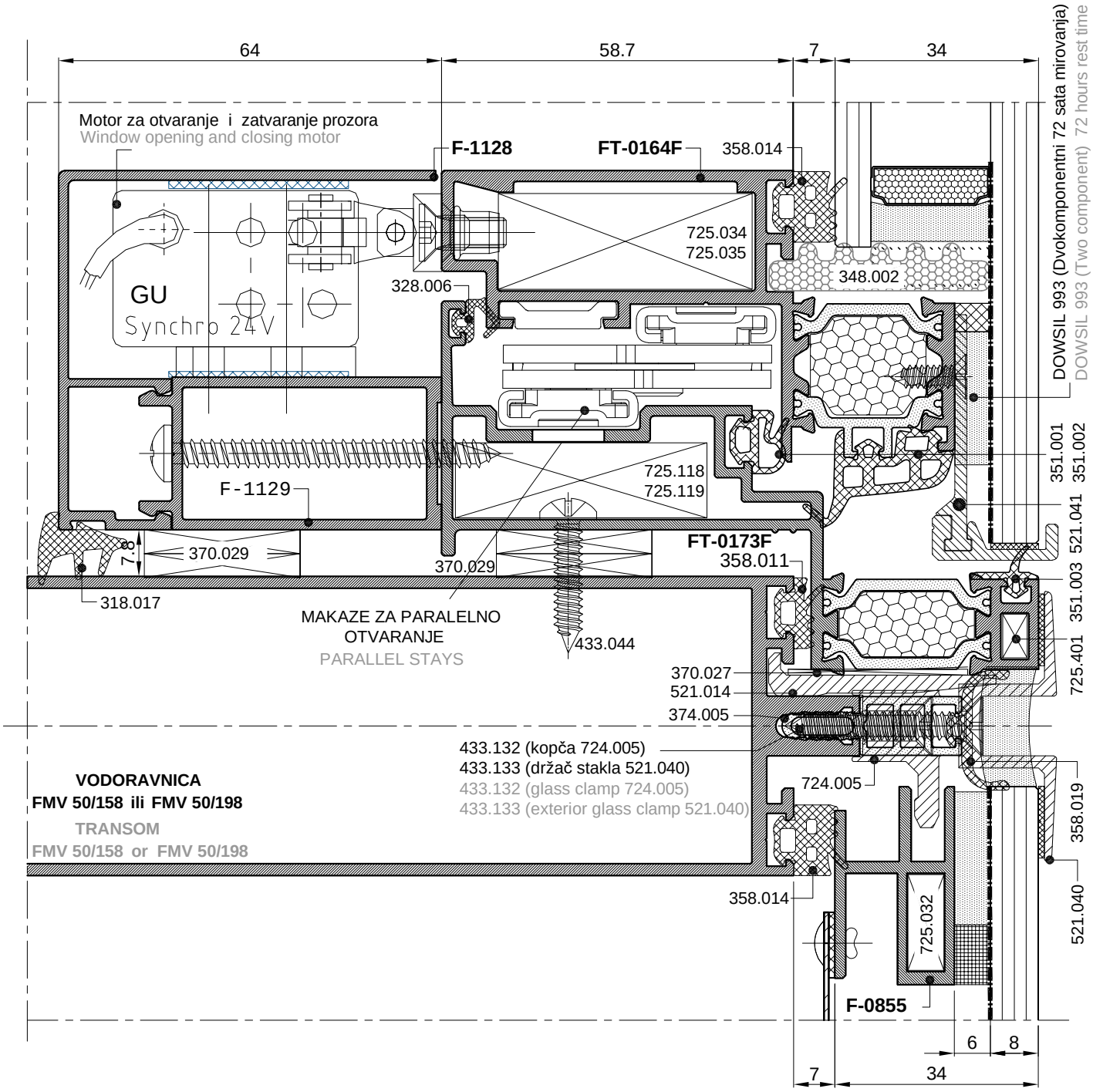




521.041 držač vanjskog prozorskog stakla (četiri po staklu)
521.041- exterior window glass support (four per glass)



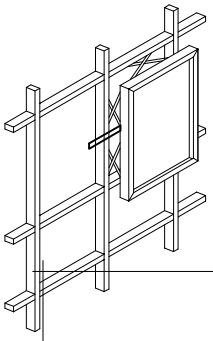
521.040-držač vanjskog stakla fiksnog polja (četiri po staklu)
521.040- exterior fixed field glass clamp (four per glass)

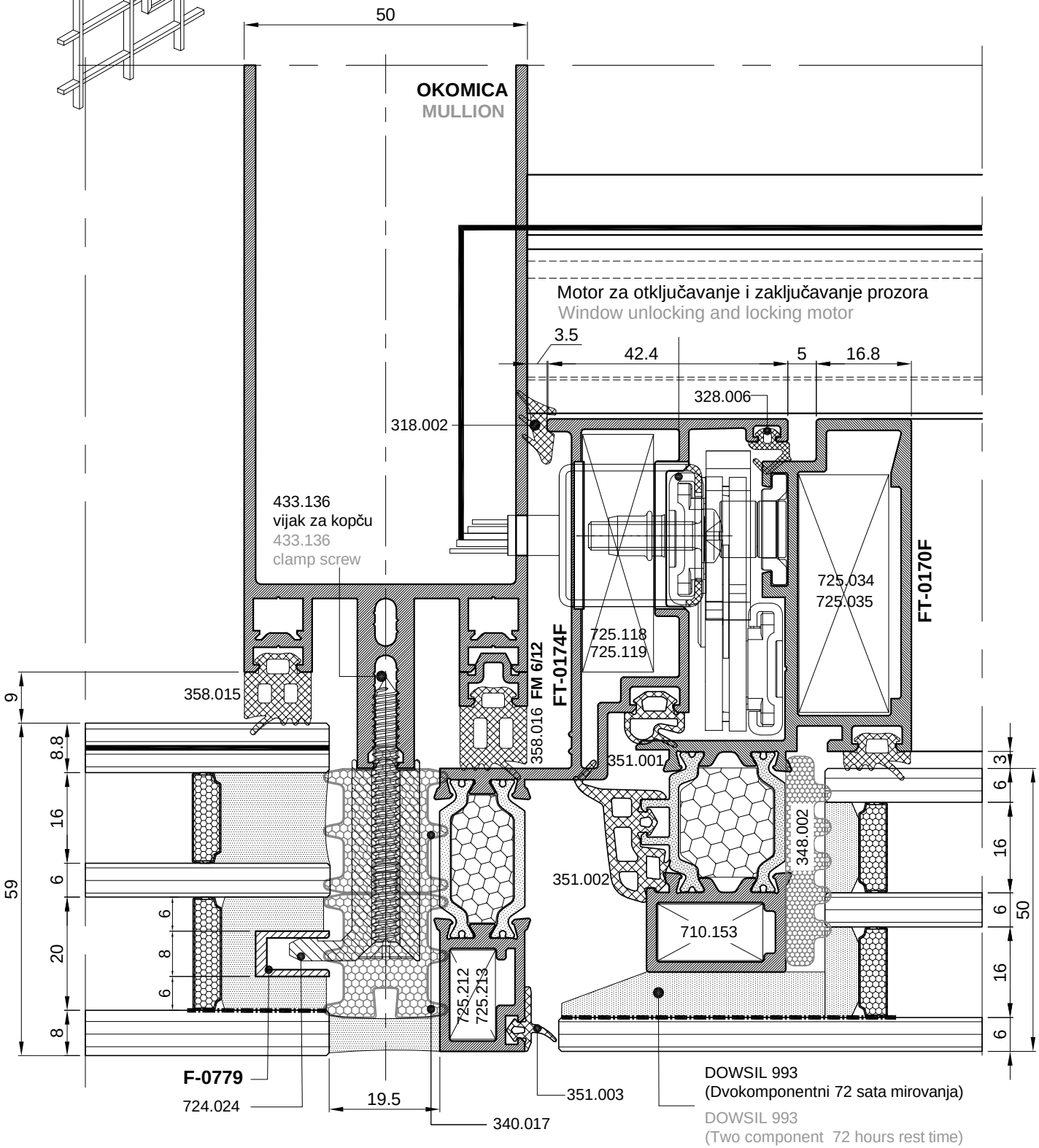


***VANJSKA STRANA PROFILA FT-0173 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0173 IS COLOURED BLACK.

**VANJSKA STRANA PROFILA FT-0164 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI
**EXTERIOR SIDE OF PROFILES FT-0164 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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

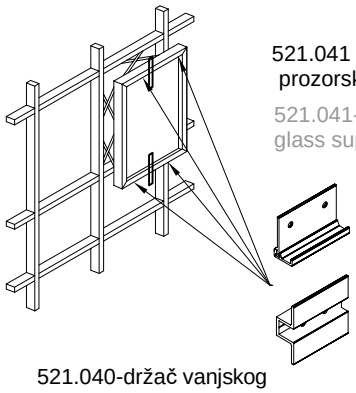




***VANJSKA STRANA PROFILA FT-0174 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0174 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

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



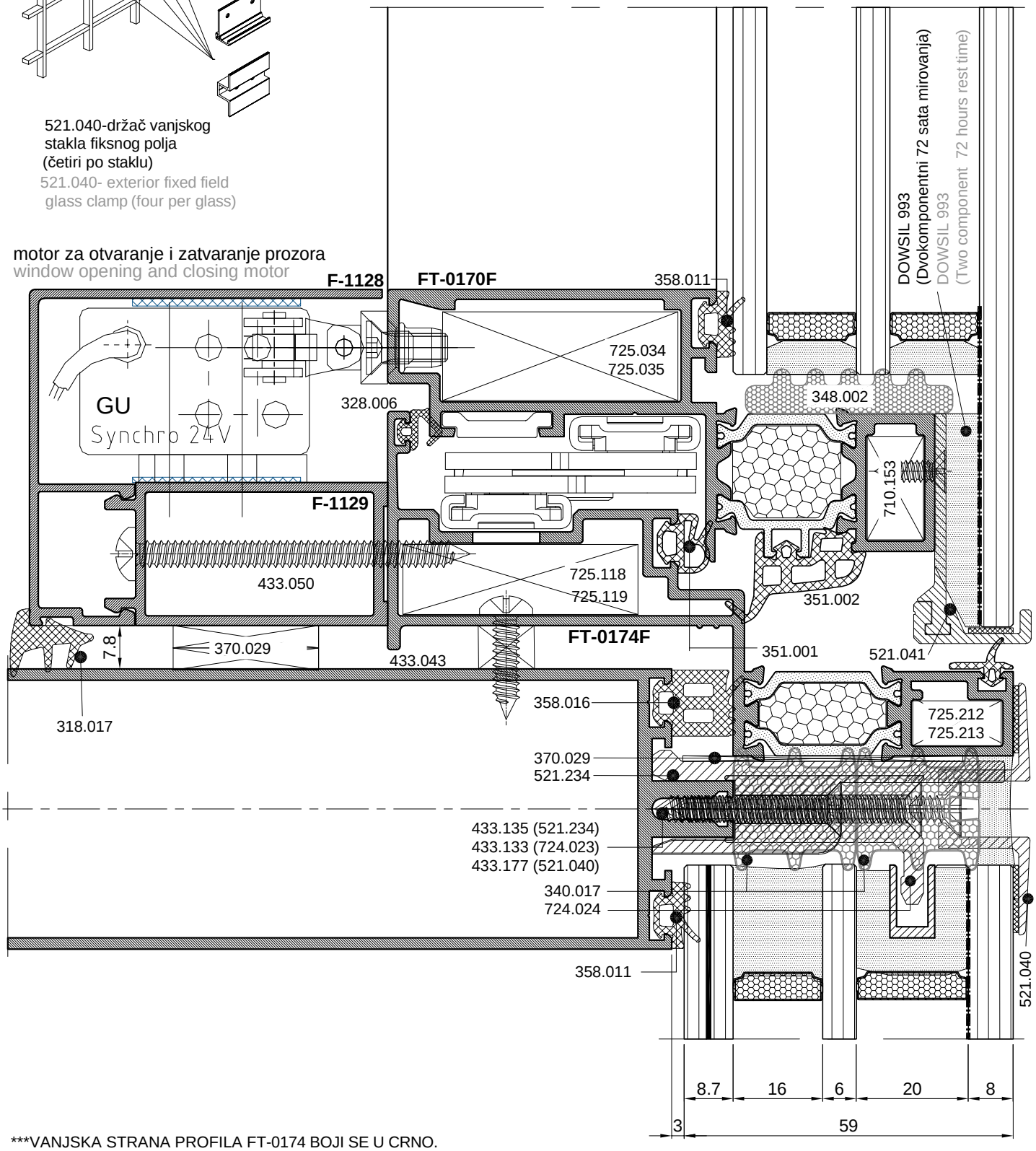
521.041 držač vanjskog prozorskog stakla (četiri po staklu)

521.041- exterior window glass support (four per glass)

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

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

motor za otvaranje i zatvaranje prozora
window opening and closing motor



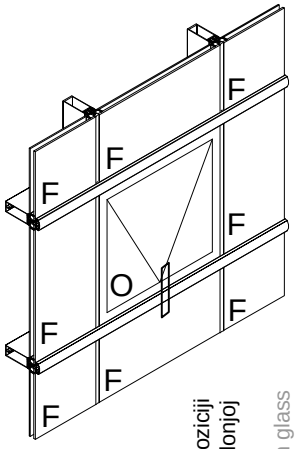
***VANJSKA STRANA PROFILA FT-0174 BOJI SE U CRNO.
***EXTERIOR SIDE OF PROFILE FT-0174 IS COLOURED BLACK.

**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 OLDER THAN 6 MONTHS

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

Fasada s ovješenim ventusom
- horizontalna poklopna lajsna

Facade with hung vent
- horizontal covering cap



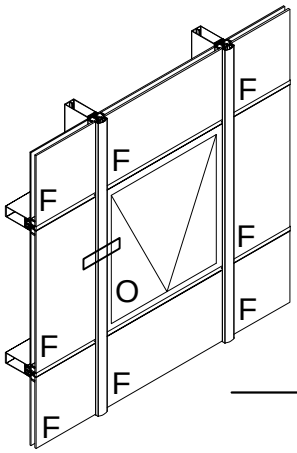
**VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

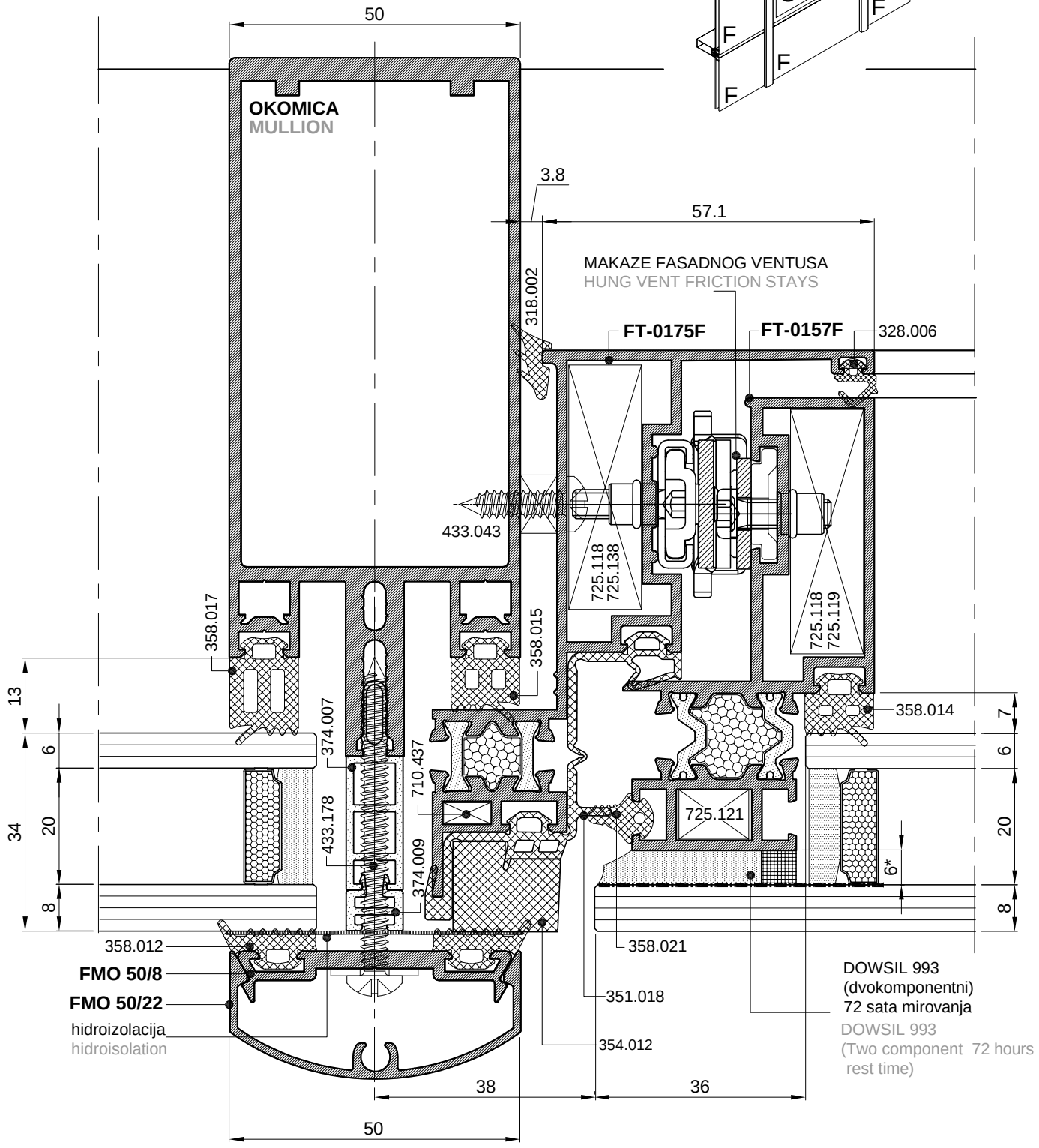
**EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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

Fasada s ovješenim ventusom
- vertikalna poklopna lajsna

Facade with hung vent
- vertical covering cap

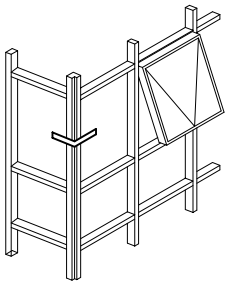


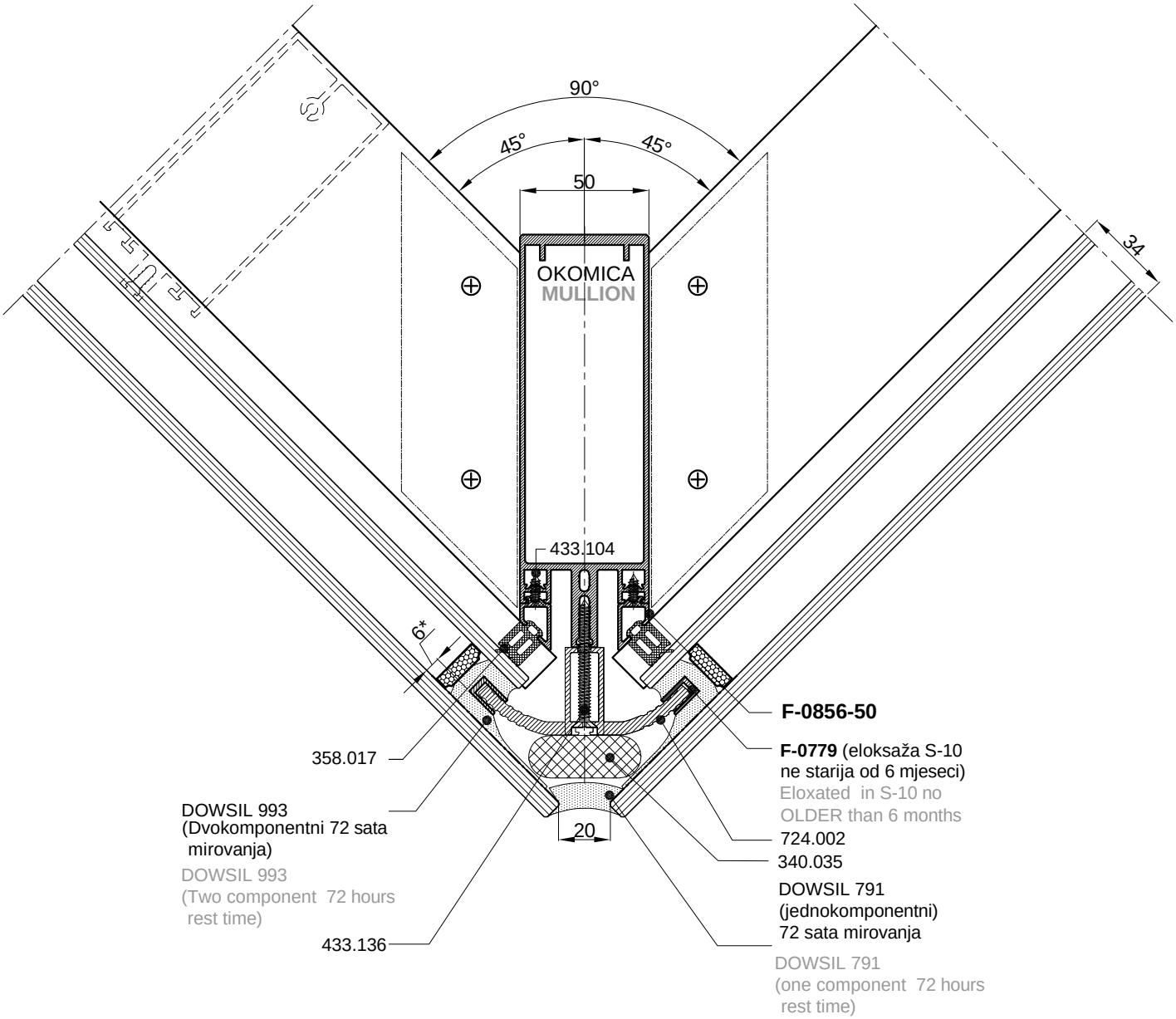


**VANJSKA STRANA PROFILA FT-0157 NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

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

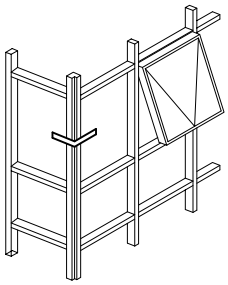
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

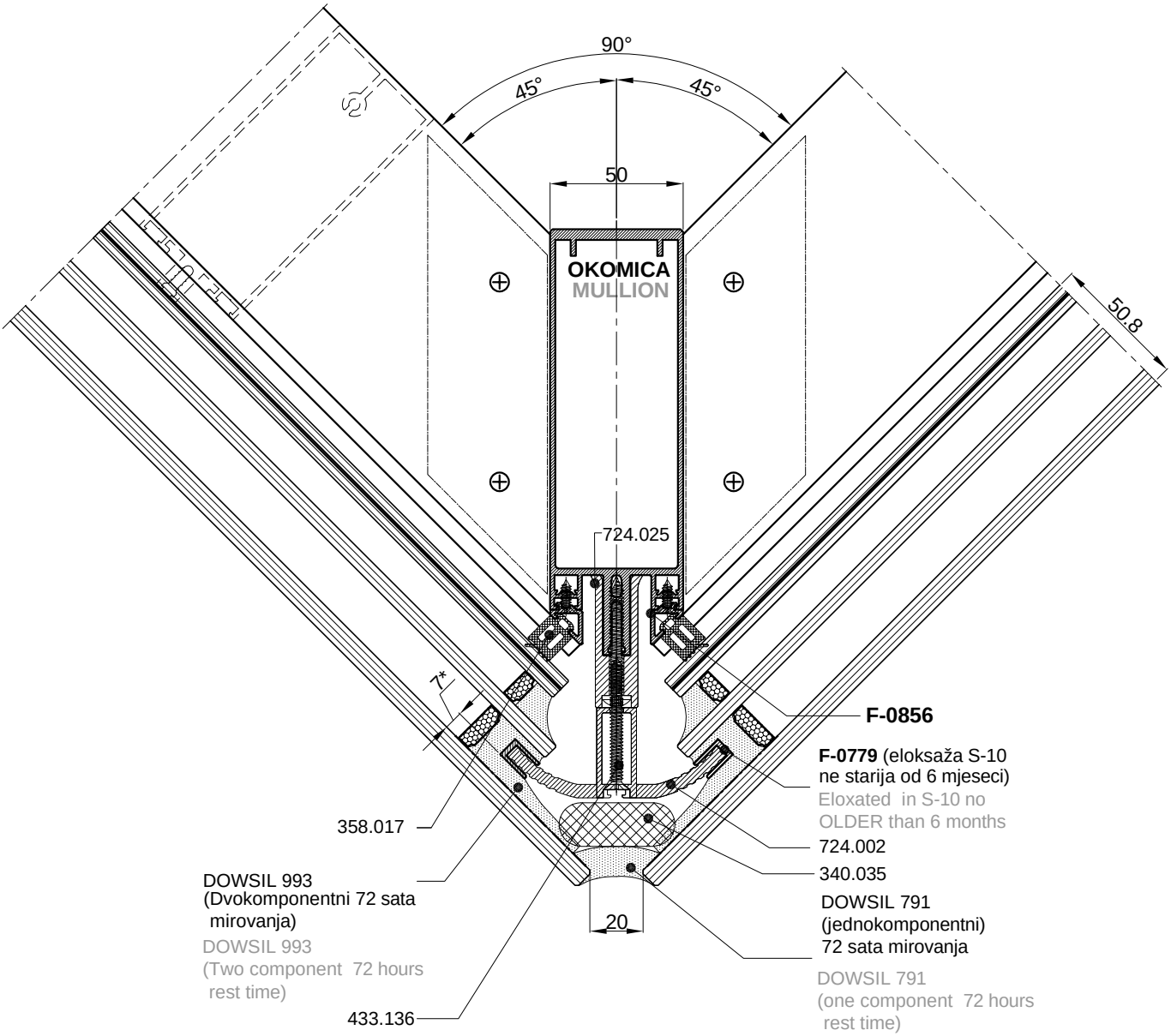




Napomena Notice:
Izrada klizača pod kutom za kuteve fasada je odgovornost proizvođača.
Making of angled sliders for facade corners is manufacturer's responsibility

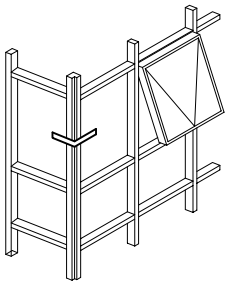
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

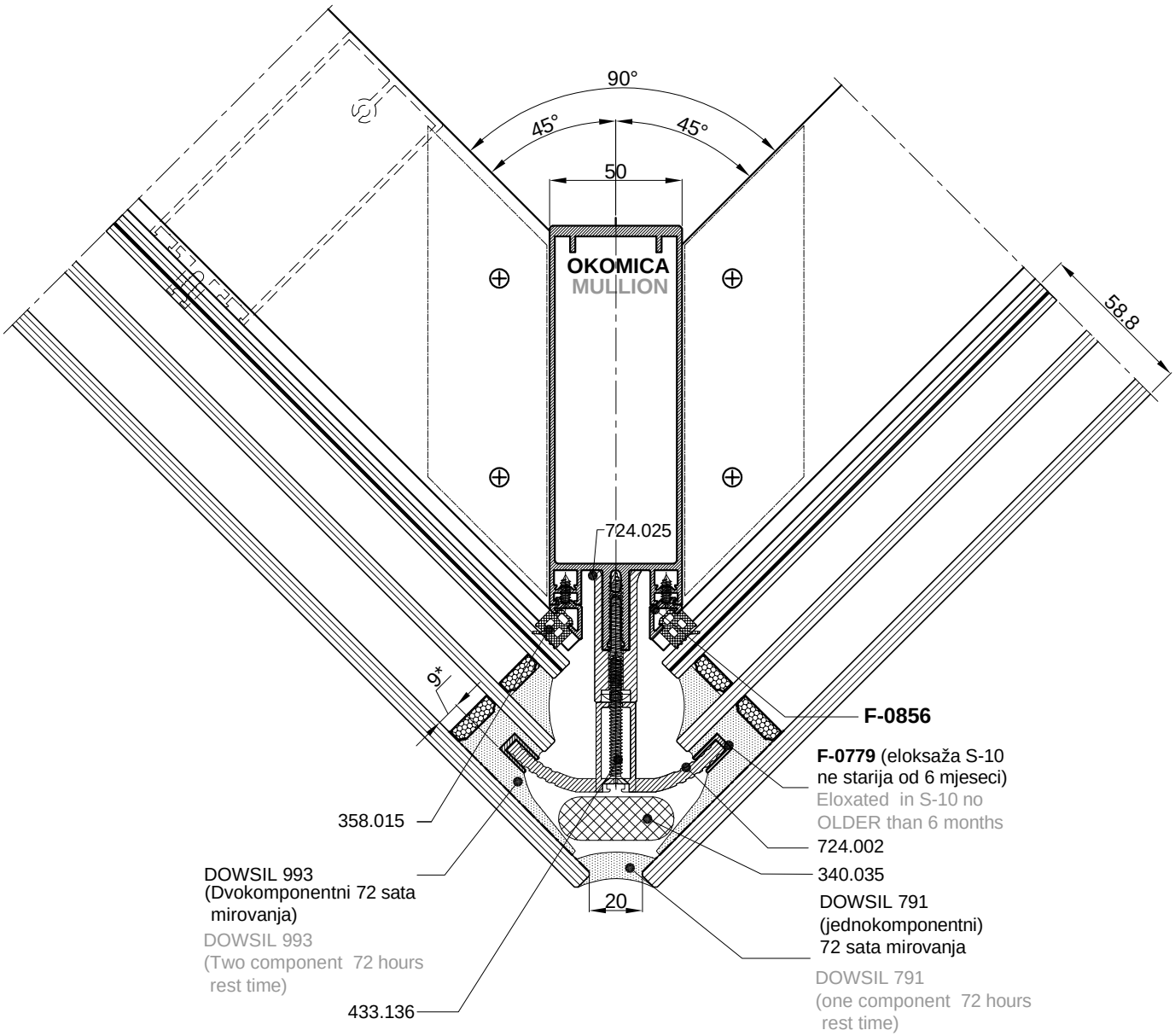




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DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

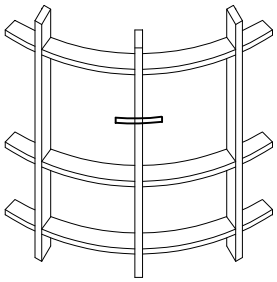


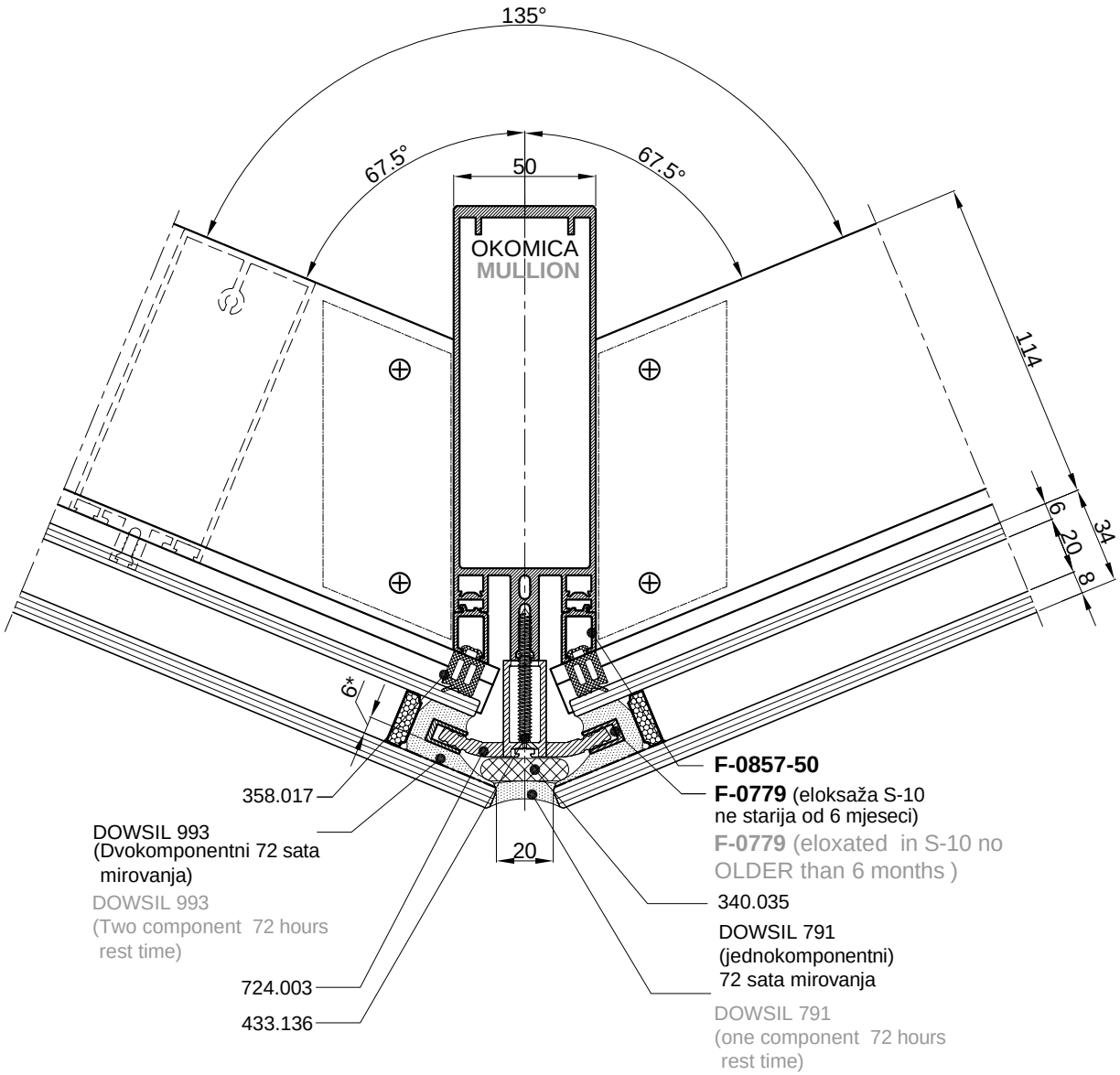


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DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

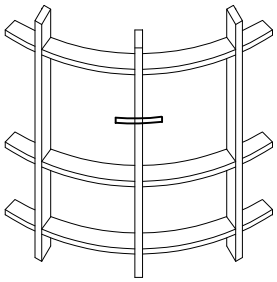


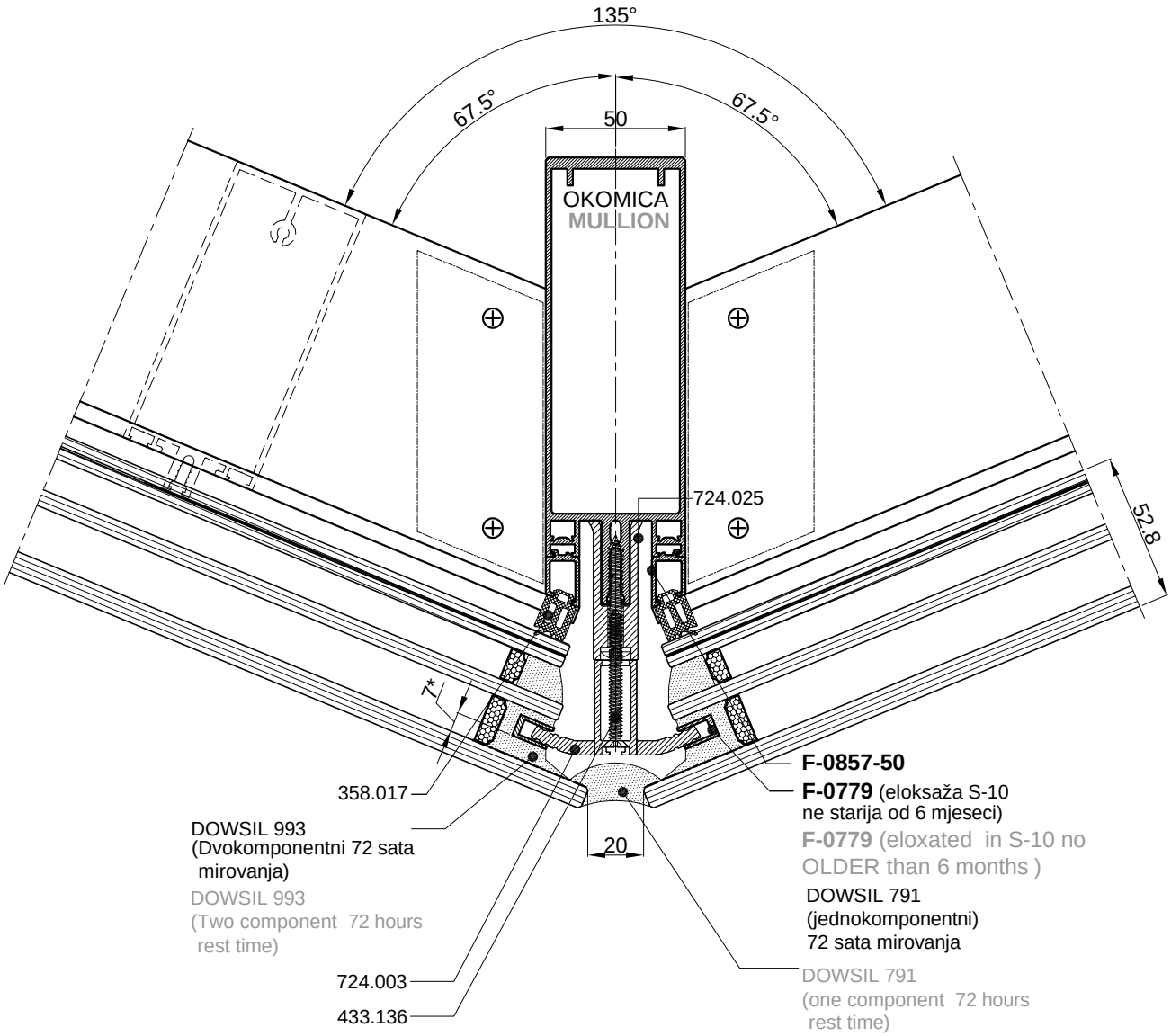


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DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

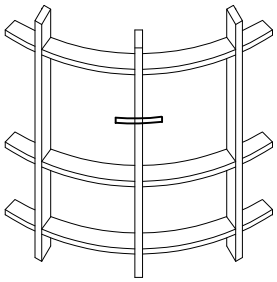


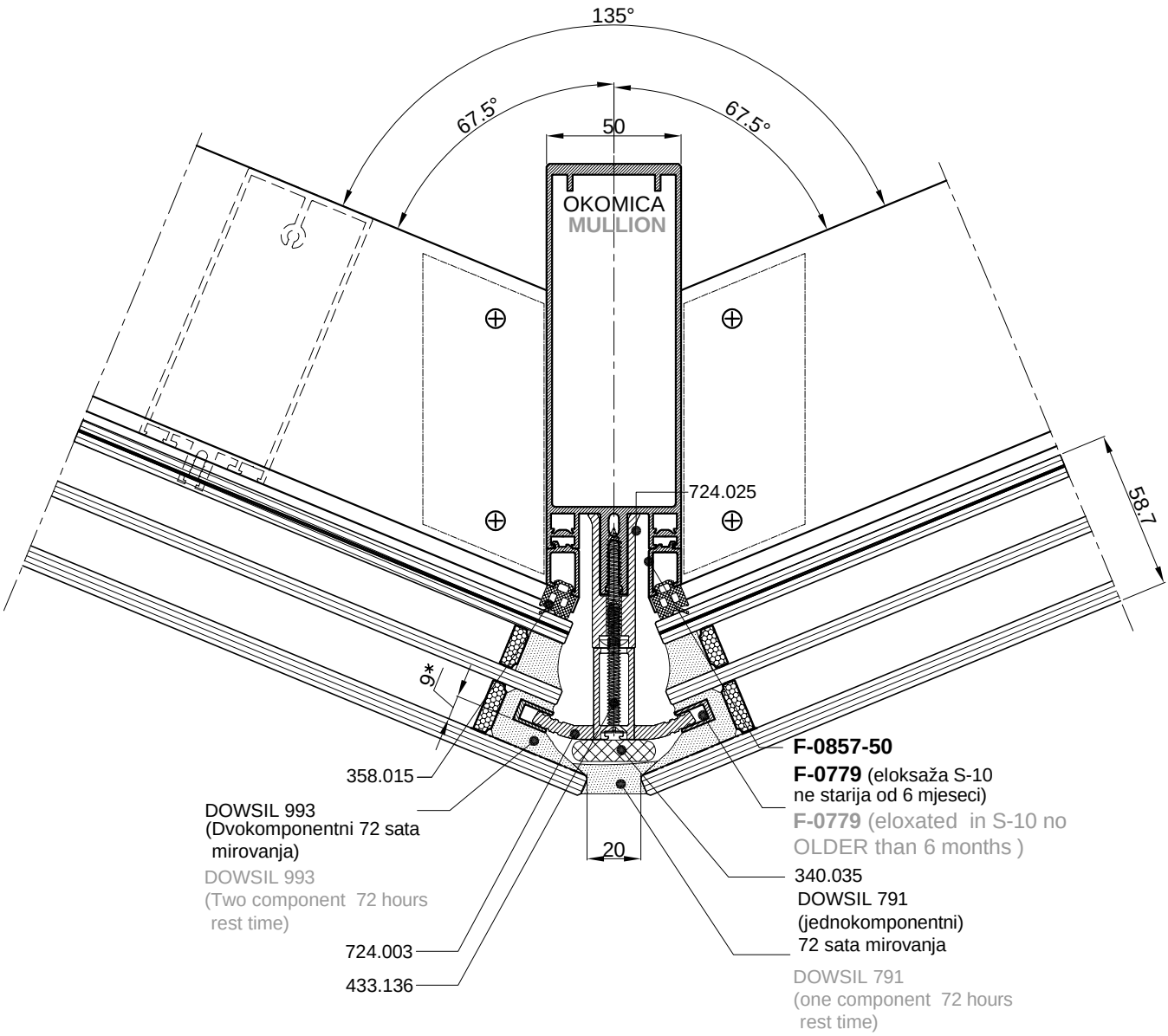


Napomena Notice:

Izrada klizača pod kutom za kuteve fasada je odgovornost proizvođača.
Making of angled sliders for facade corners is manufacturer's responsibility

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





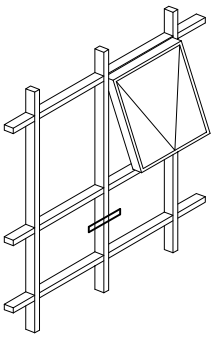
Napomena Notice:

Izrada klizača pod kutom za kuteve fasada je odgovornost proizvođača.

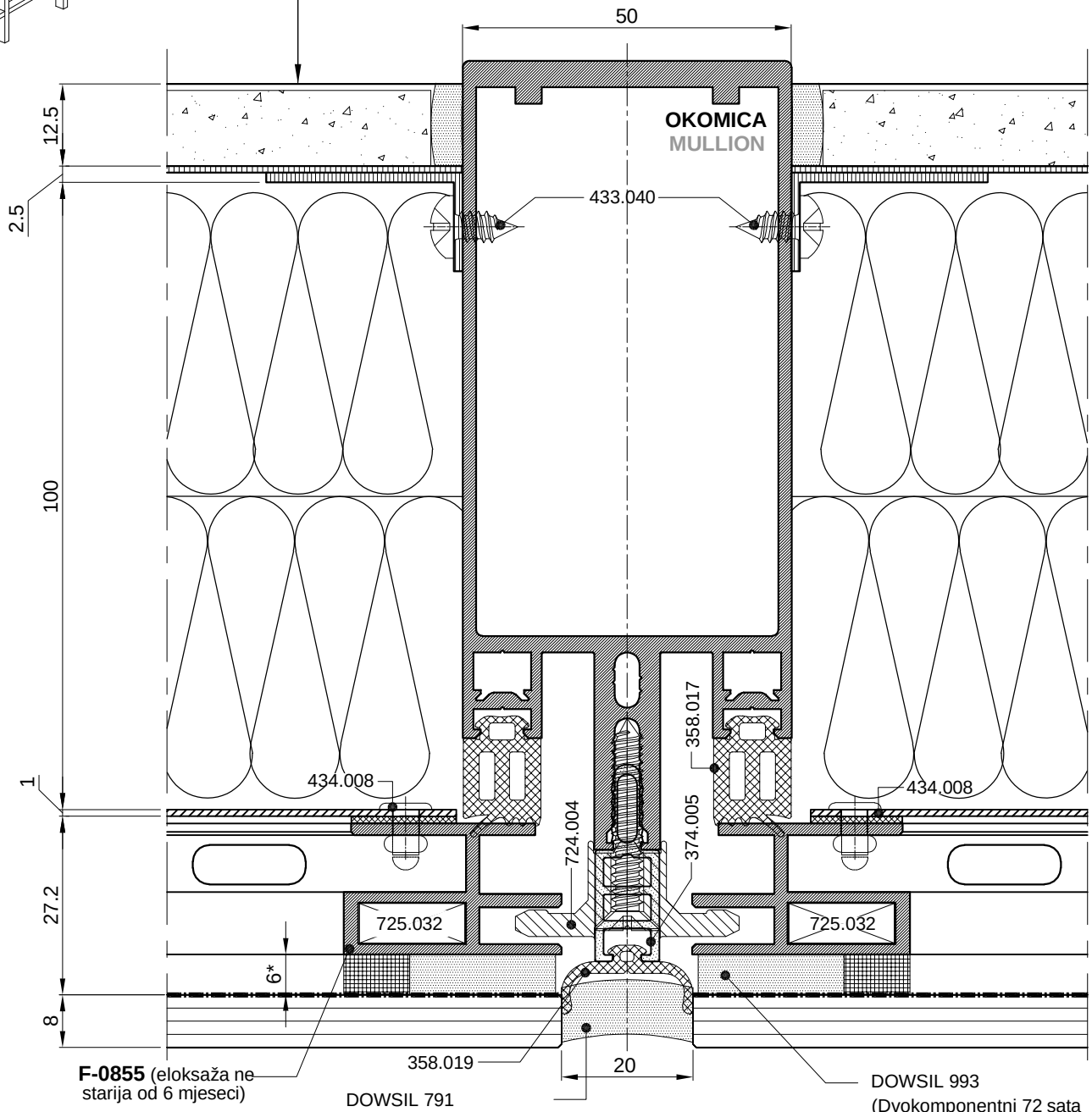
Making of angled sliders for facade corners is manufacturer's responsibility

DEBLJINA STRUKTURALNOG KITA min 6mm

STRUCTURAL SEALANT THICKNESS min 6mm



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



F-0855 (eloksaža ne starija od 6 mjeseci)

F-0855 (eloxated in S-10 no OLDER than 6 months)

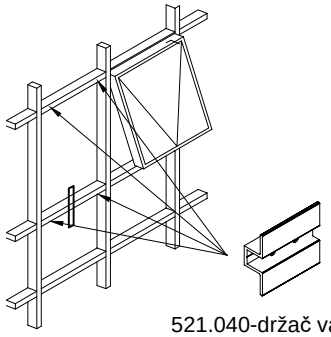
DOWSIL 791
(jednokomponenti)
72 sata mirovanja

DOWSIL 791
(one component 72 hours rest time)

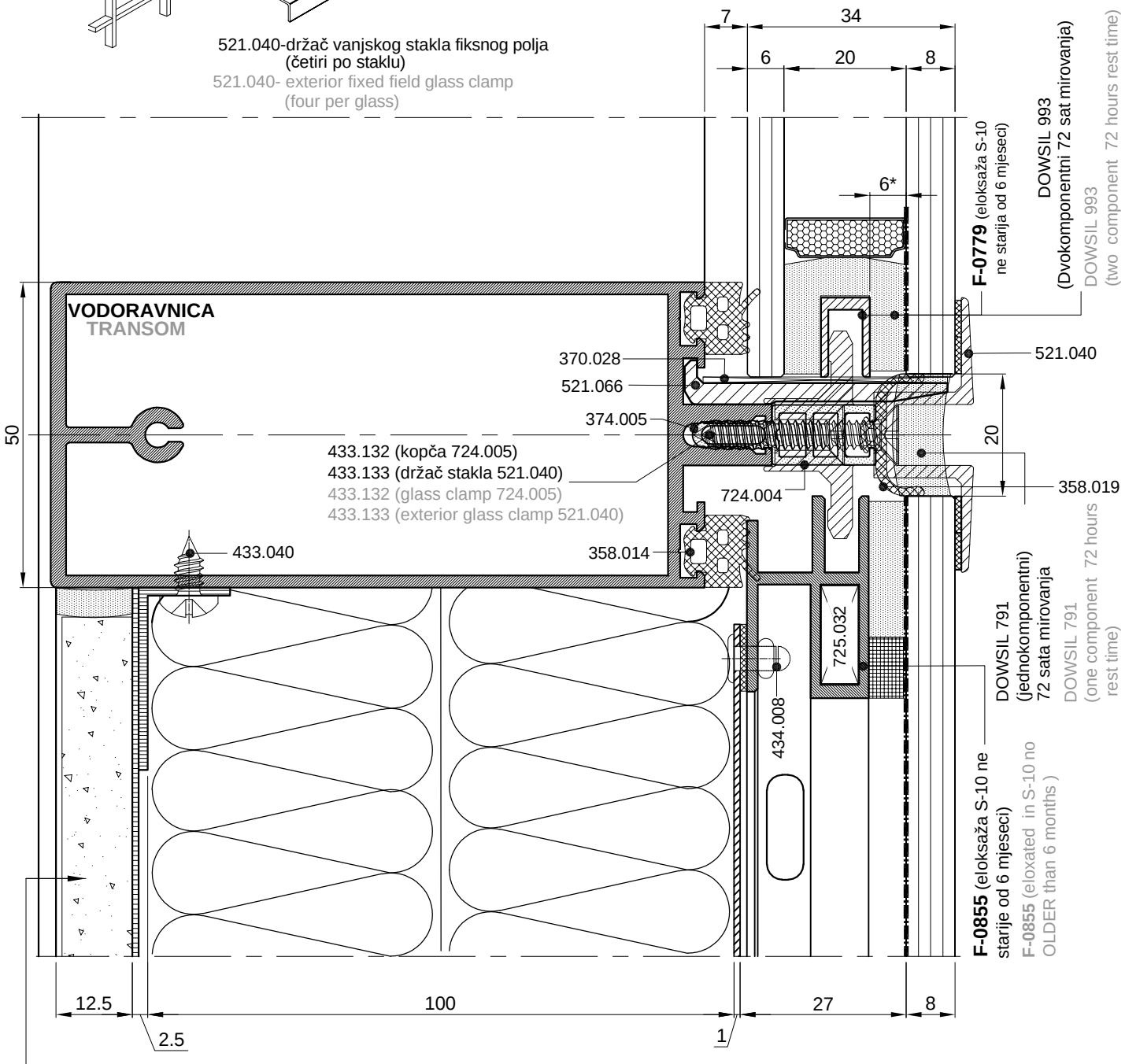
DOWSIL 993
(Dvokomponentni 72 sata mirovanja)

DOWSIL 993
(two component 72 hours rest time)

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

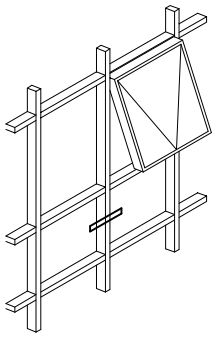


521.040-držač vanjskog stakla fiksnog polja
(četiri po staklu)
521.040- exterior fixed field glass clamp
(four per glass)

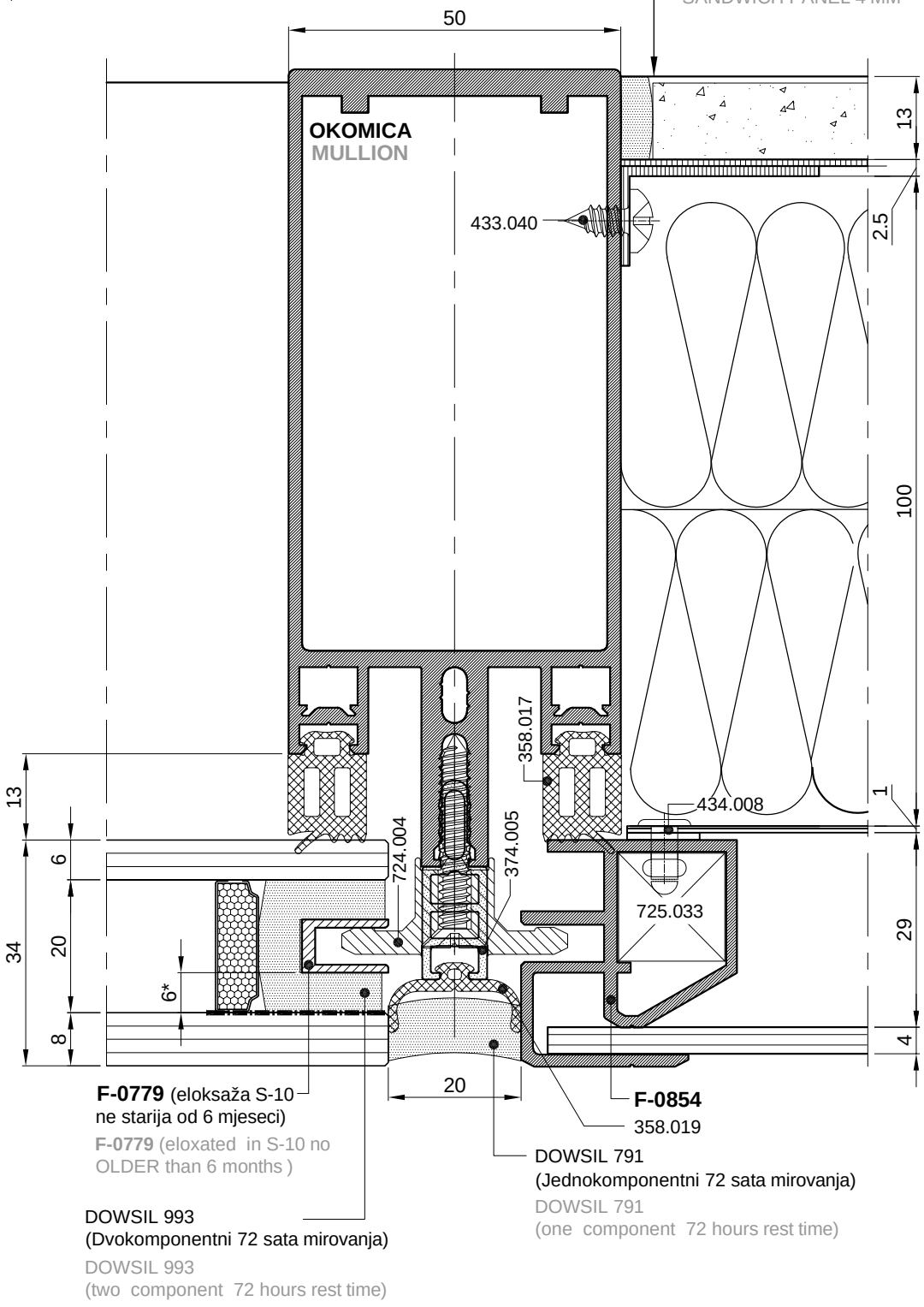


DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
AL. SHELL
KAMENA VUNA 2x50mm (90kg/m3)
STONE WOOL 2x50mm (90kg/m3)
POCINČANI ČELIČNI LIM 1,0mm
GALVANIZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 27mm
VENTILATED AIR SPACE 27mm
KALJENO STAKLO 8mm-emajlirano
TOUGHENED GLASS 8mm-enamelled

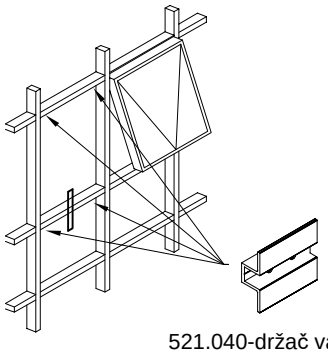
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



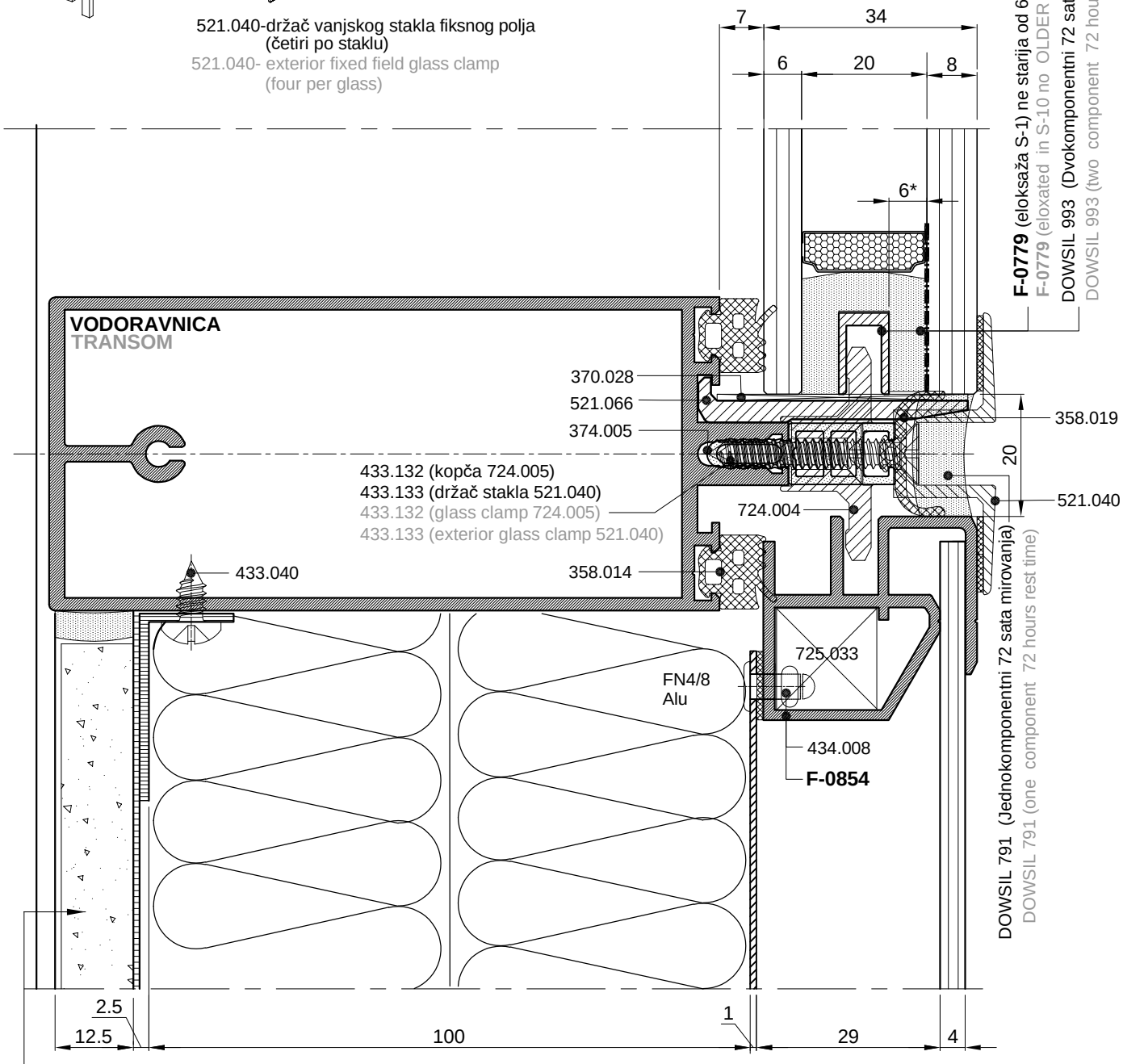
DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
AL. SHELL
KAMENA VUNA 2x50mm (90kg/m3)
STONE WOOL 2x50mm (90kg/m3)
POCINČANI ČELIČNI LIM 1,0mm
GALVANIZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 29mm
VENTILATED AIR SPACE 29mm
KOMPOZITNI PANEL 4 MM
SANDWICH PANEL 4 MM



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

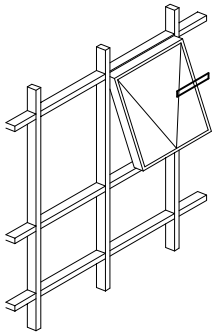


521.040-držač vanjskog stakla fiksnog polja
(četiri po staklu)
521.040- exterior fixed field glass clamp
(four per glass)

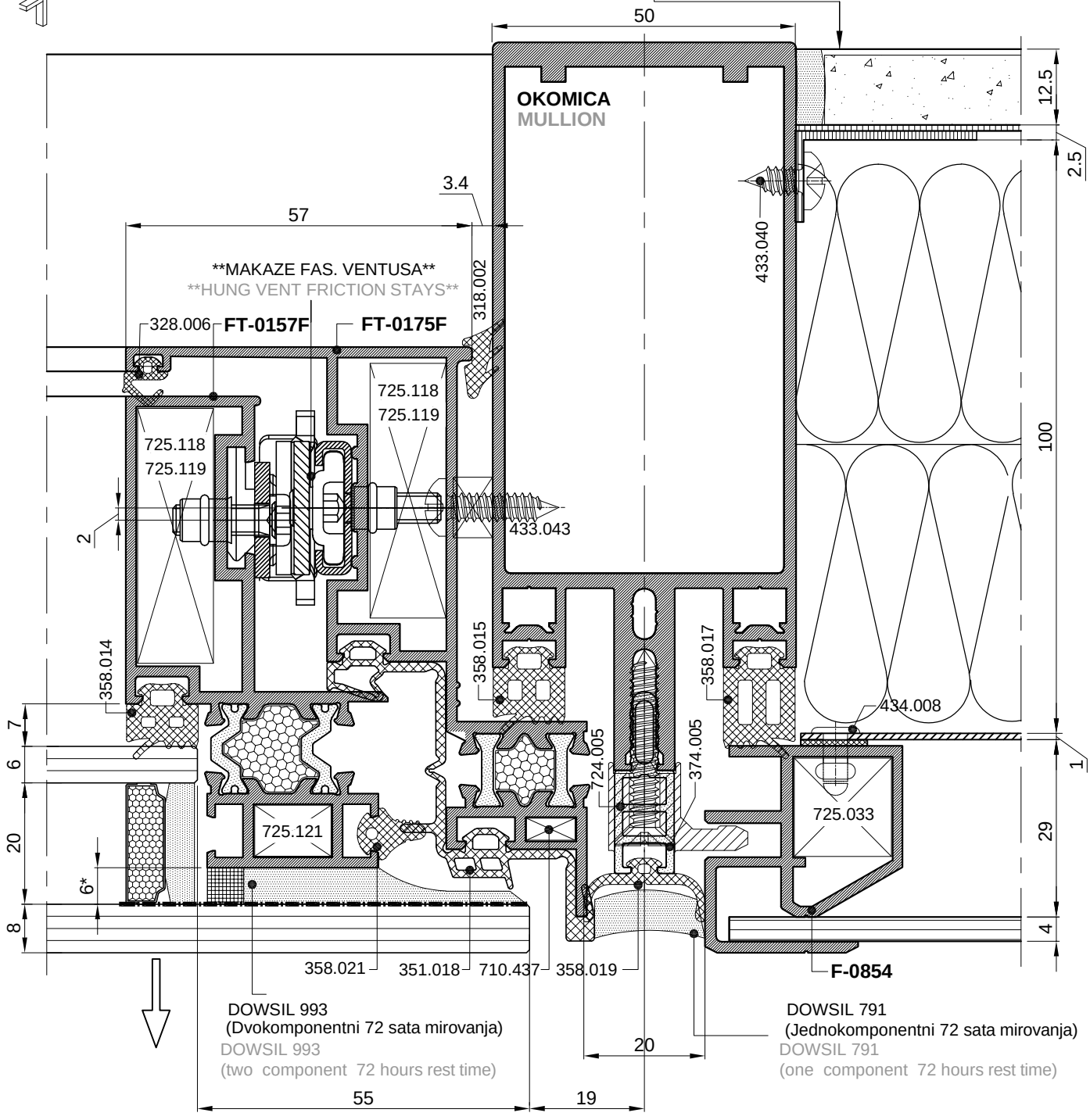


DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
AL. SHELL
KAMENA VUNA 2x50mm (90kg/m3)
STONE WOOL 2x50mm (90kg/m3)
POCINČANI ČELIČNI LIM 1,0mm
GALVANIOZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 29mm
VENTILATED AIR SPACE 29mm
kOMPOZITNI PANEL 4 MM
SANDWICH PANEL 4 MM

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



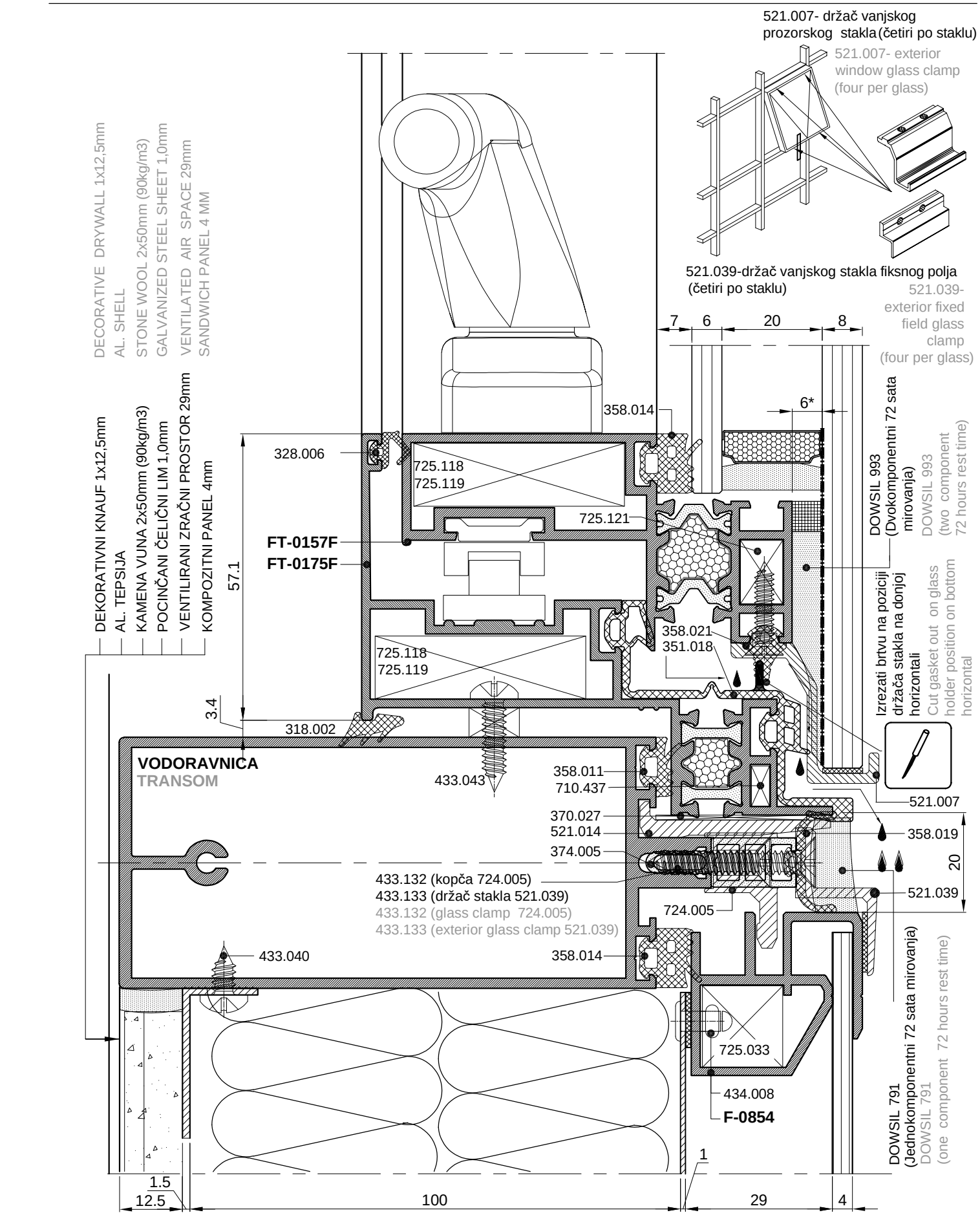
DEKORATIVNI KNAUF 1x12,5mm
DECORATIVE DRYWALL 1x12,5mm
AL. TEPSIJA
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KAMENA VUNA 2x50mm (90kg/m3)
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POCINČANI ČELIČNI LIM 1,0mm
GALVANIOZED STEEL SHEET 1,0mm
VENTILIRANI ZRAČNI PROSTOR 29mm
VENTILATED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



***VANJSKA STRANA PROFILA FT-0157F 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 OLDER THAN 6 MONTHS

MAKAZE FASADNOG VENTUSA SA ZAKOVANIM KLIZAČEM NC-1459
HUNG VENT FRICTION STAYS WITH BOLTED SLIDING BAR NC-1459

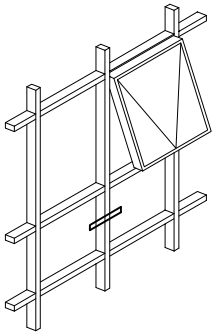
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

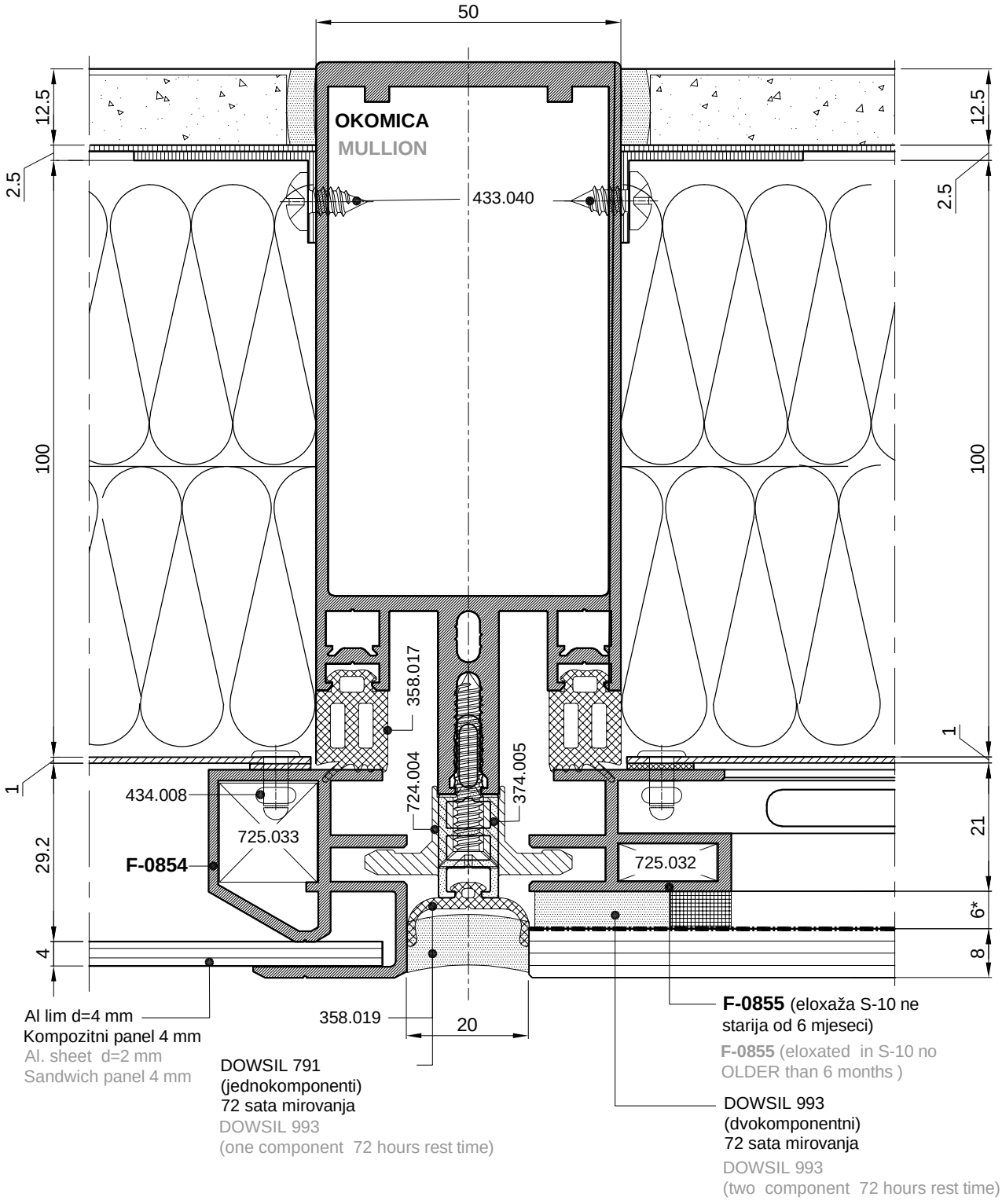


***VANJSKA STRANA PROFILA FT-0157F NA KOJU SE LIJEPI STAKLO MORA BITI ELOXIRANA U S-10 NE STARIJA OD 6 MJESECI

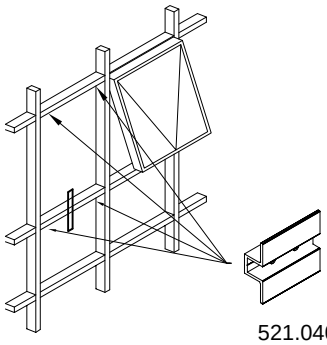
***EXTERIOR SIDE OF PROFILE FT-0157 ON WHICH THE GLASS IS GLUED MUST BE ELOXATED IN S-10 NO OLDER THAN 6 MONTHS

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

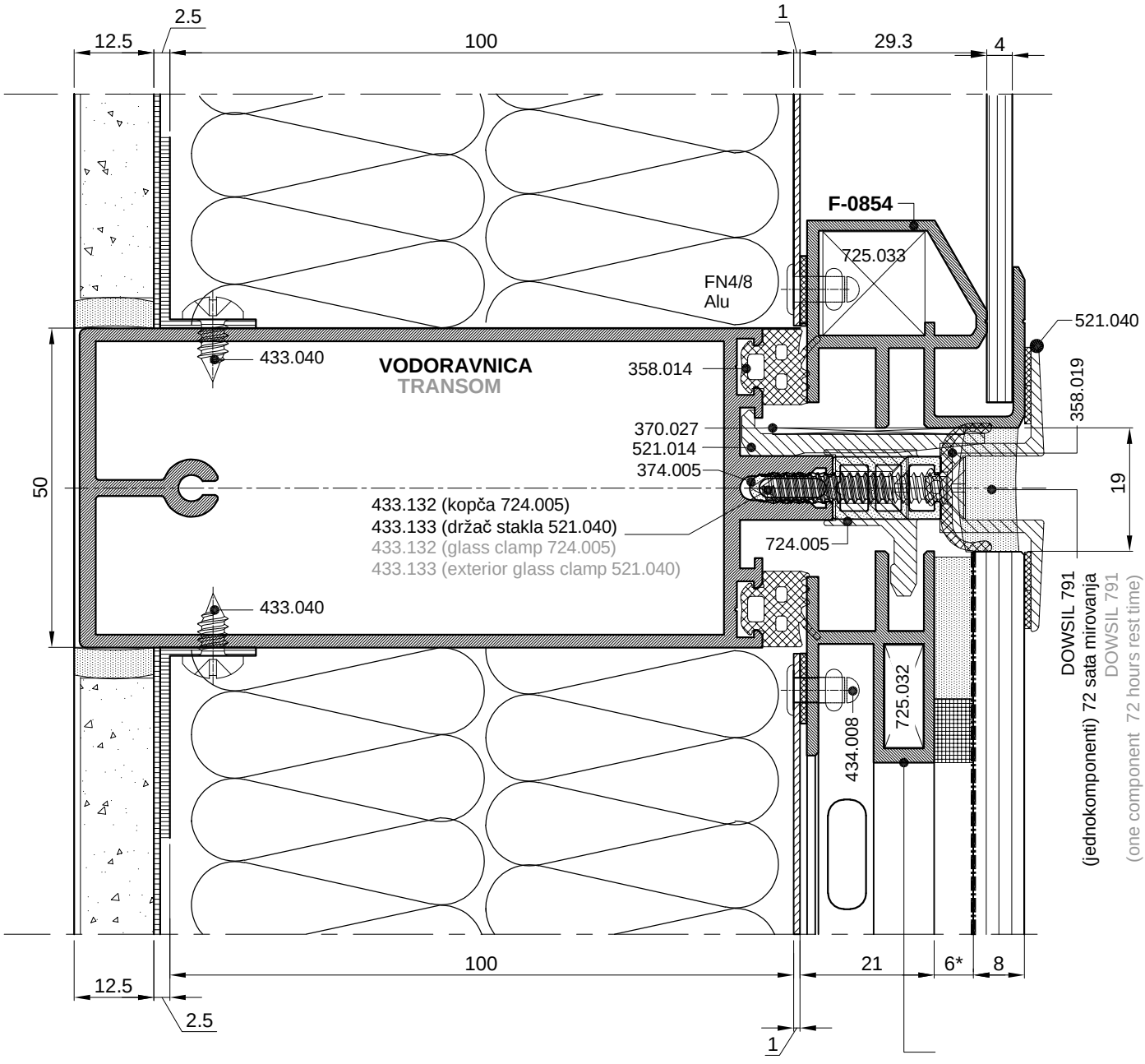




DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*

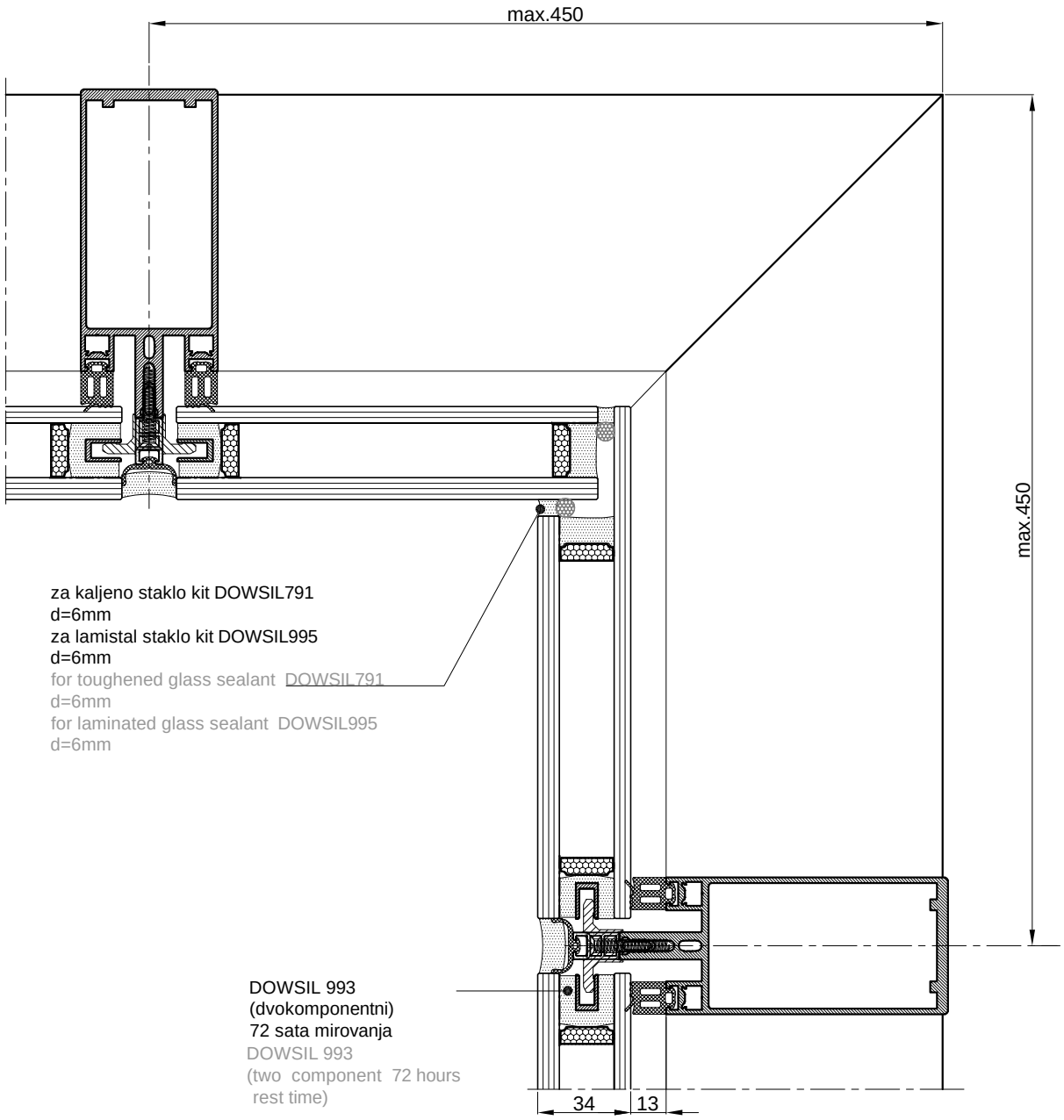


521.040-držač vanjskog stakla fiksnog polja (četiri po staklu)
521.040- exterior fixed field glass clamp (four per glass)

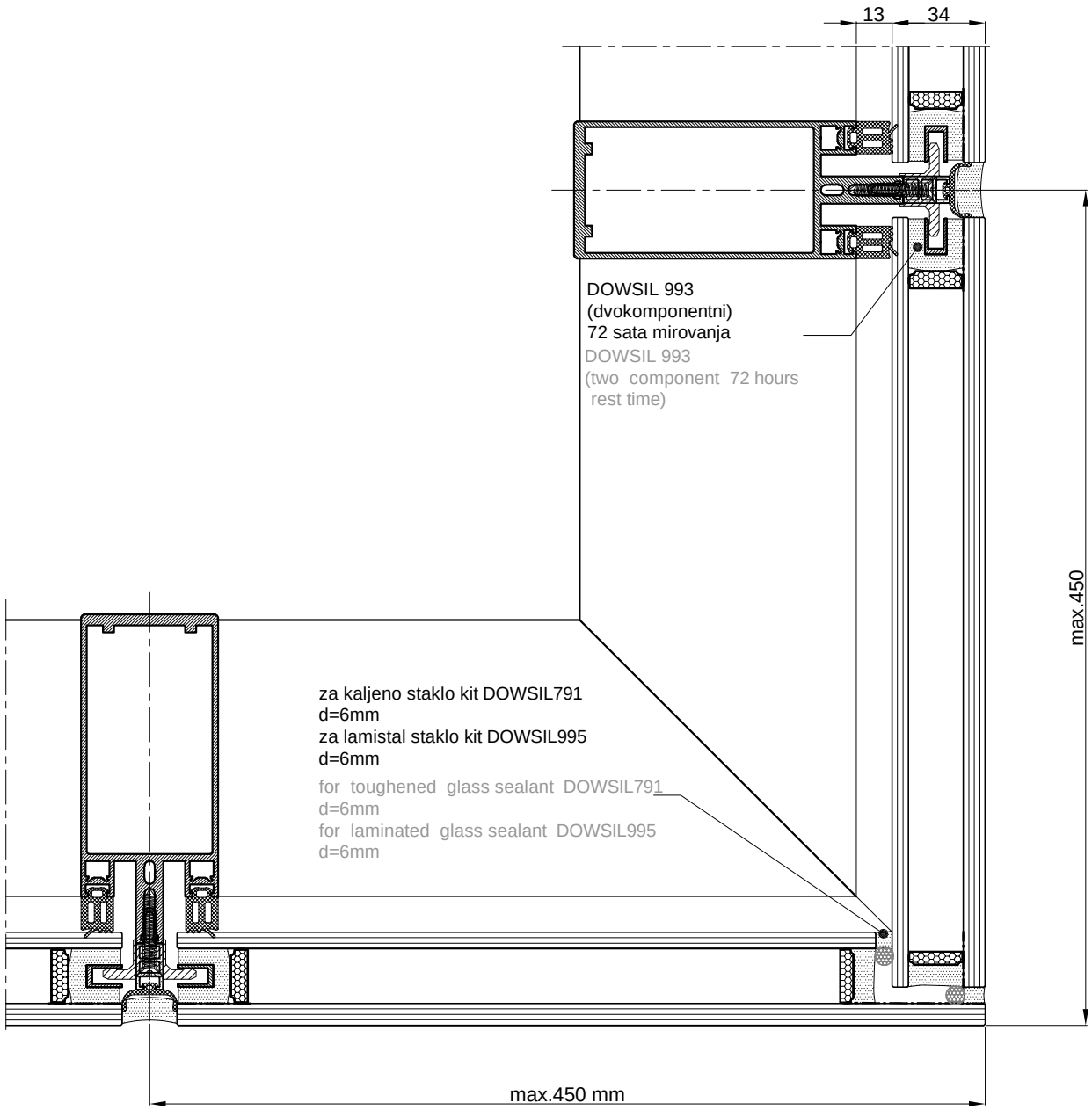


F-0855 (eloksaža S-10 ne starija od 6 mjeseci)
F-0855 (eloxated in S-10 no OLDER than 6 months)

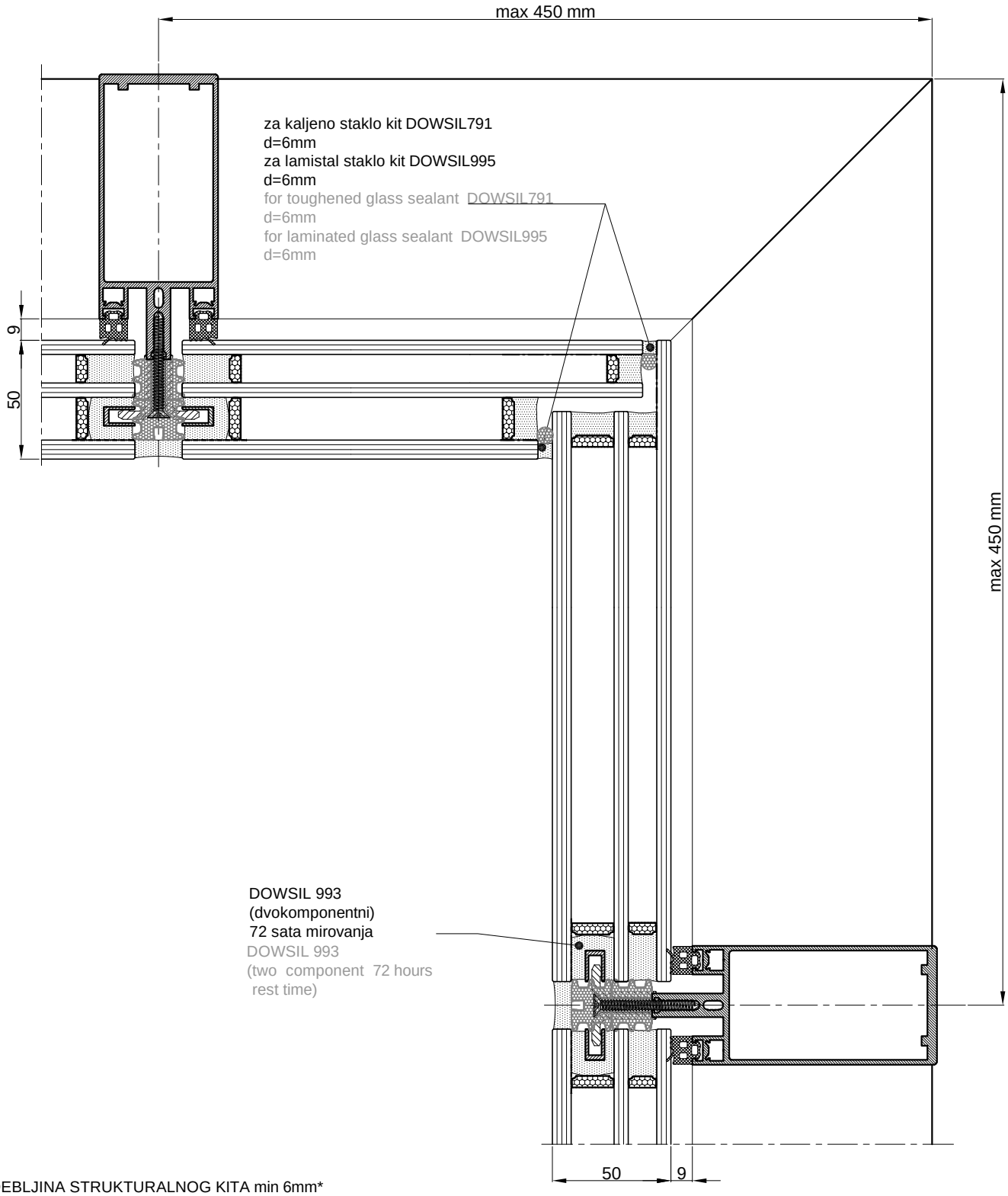
DEBLJINA STRUKTURALNOG KITA min 6mm *STRUCTURAL SEALANT THICKNESS min 6mm*



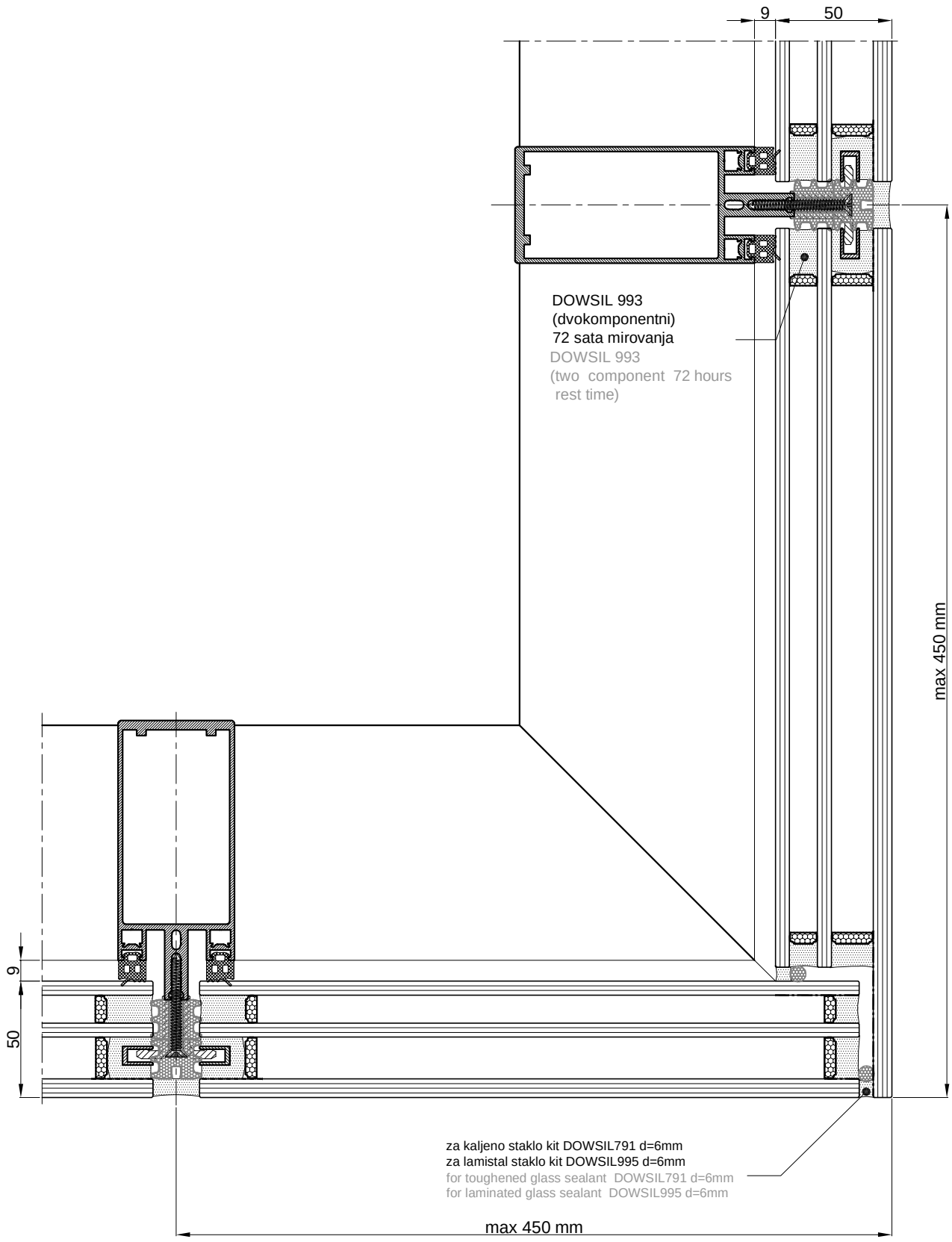
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm



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



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



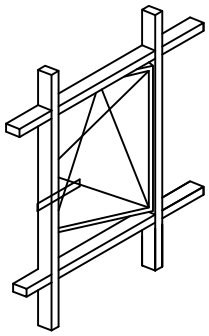
DEBLJINA STRUKTURALNOG KITA min 6mm
STRUCTURAL SEALANT THICKNESS min 6mm

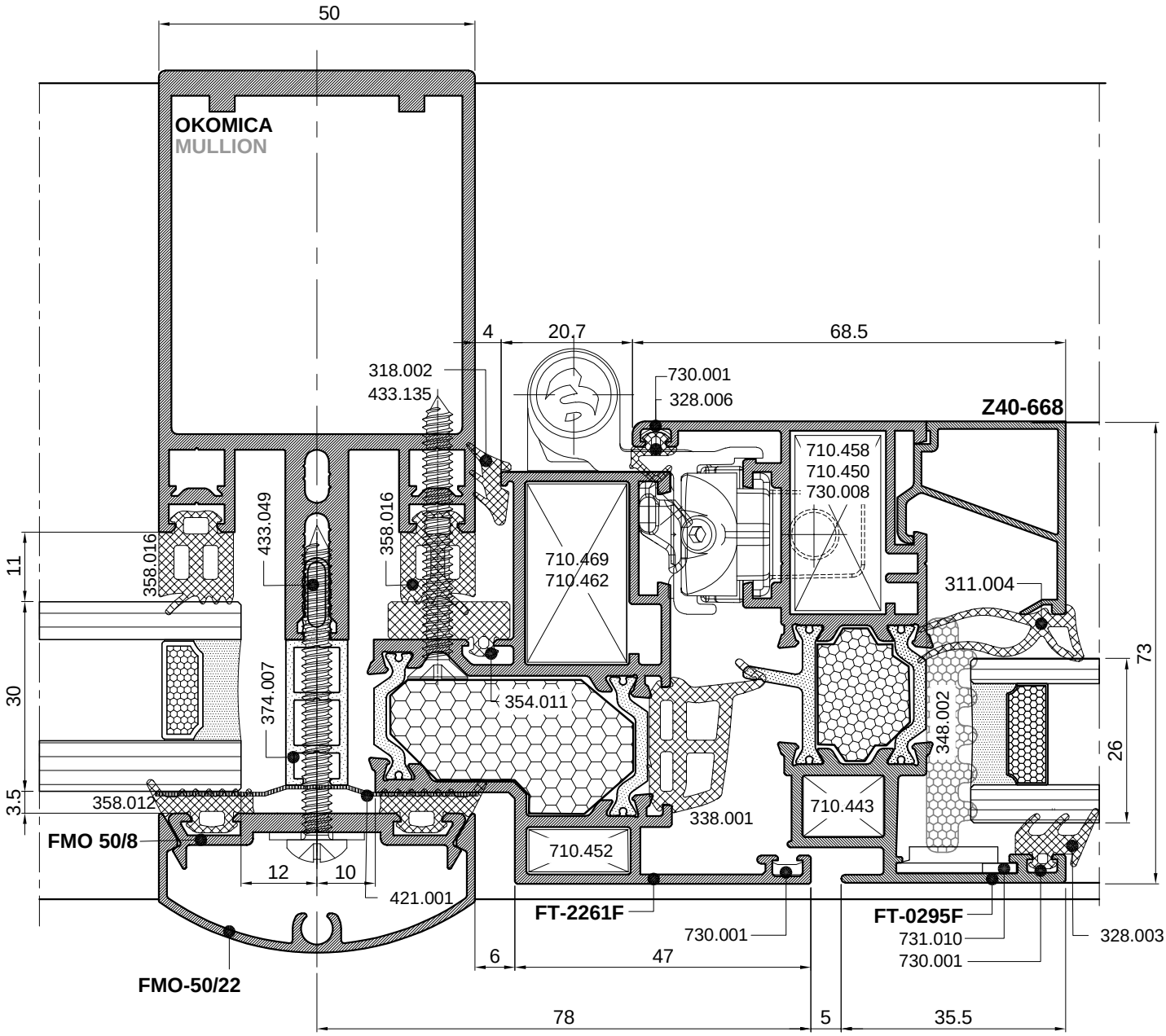
Spojevi fasade **50 FK** sa serijama:

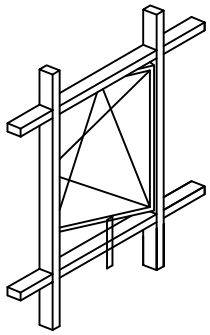
- Termo 65
- Termo 65 plus
- Termo 85
- Termo 85 SK
- Termo 85 PA
- Termo 65 VS
- Termo 85 VS
- Termo 120
- Termo 150
- Termo 150+
- Inowa
- Francuski balkon (sa Termo 85)
- Fiksni brisoleji

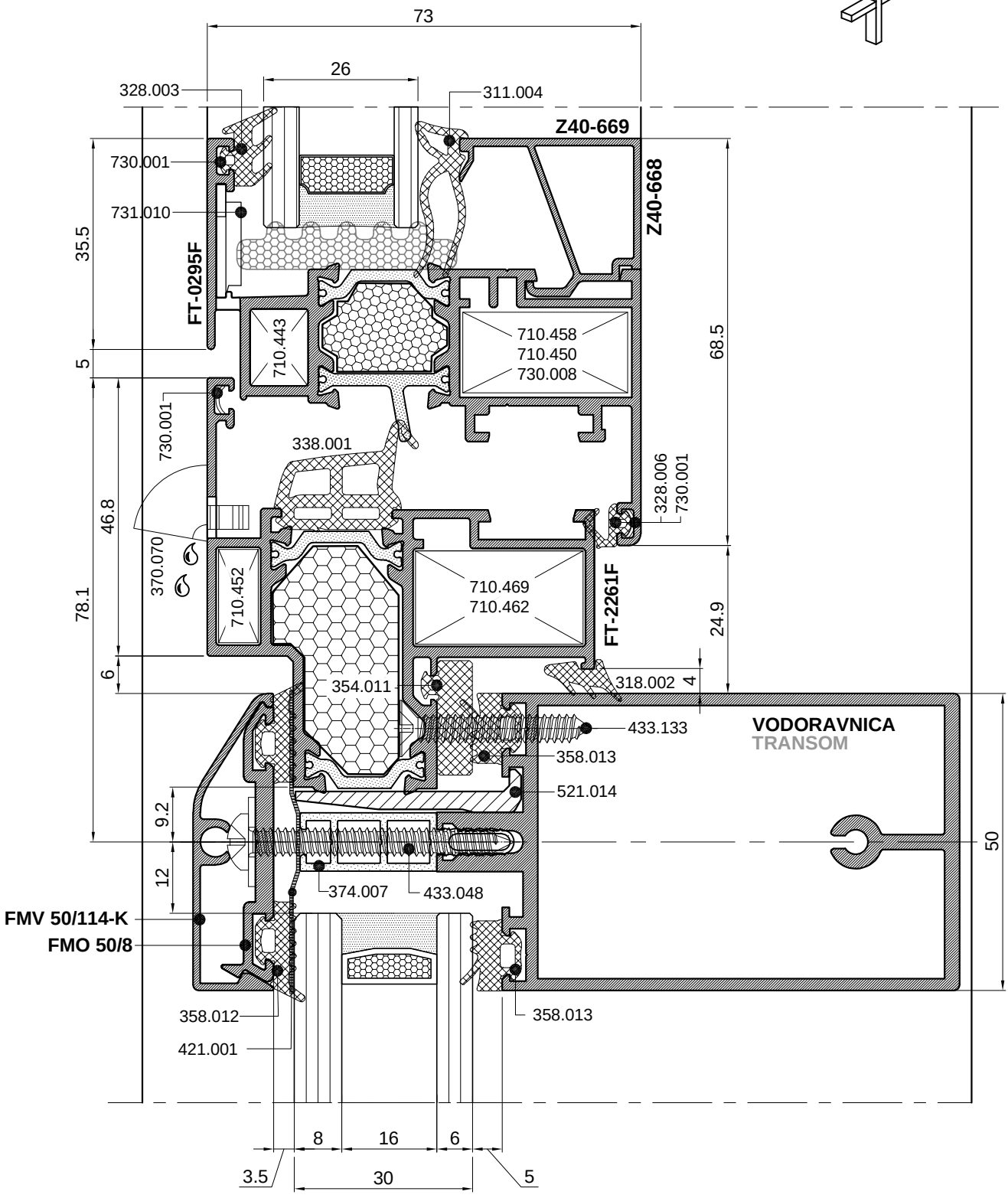
Connections of facade **50 FK** with systems:

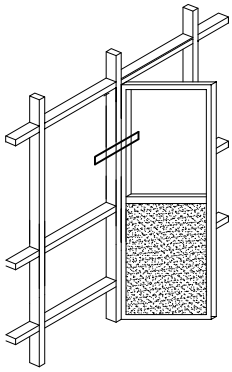
- Termo 65
- Termo 65 plus
- Termo 85
- Termo 85 SK
- Termo 85 PA
- Termo 65 VS
- Termo 85 VS
- Termo 120
- Termo 150
- Termo 150+
- Inowa
- French balcony (with Termo 85)
- Fixed sun breakers



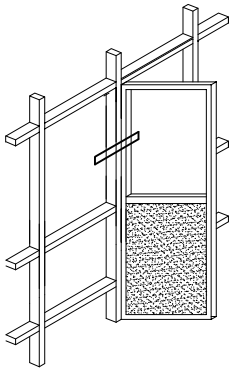

50
OKOMICA
MULLION
4
20.7
68.5
318.002
433.135
730.001
328.006
Z40-668
710.458
710.450
730.008
358.016
433.049
358.016
710.469
710.462
311.004
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3.5
73
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374.007
354.011
348.002
358.012
338.001
710.443
FMO 50/8
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421.001
710.452
FT-2261F
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FT-0295F
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730.001
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FMO-50/22
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35.5



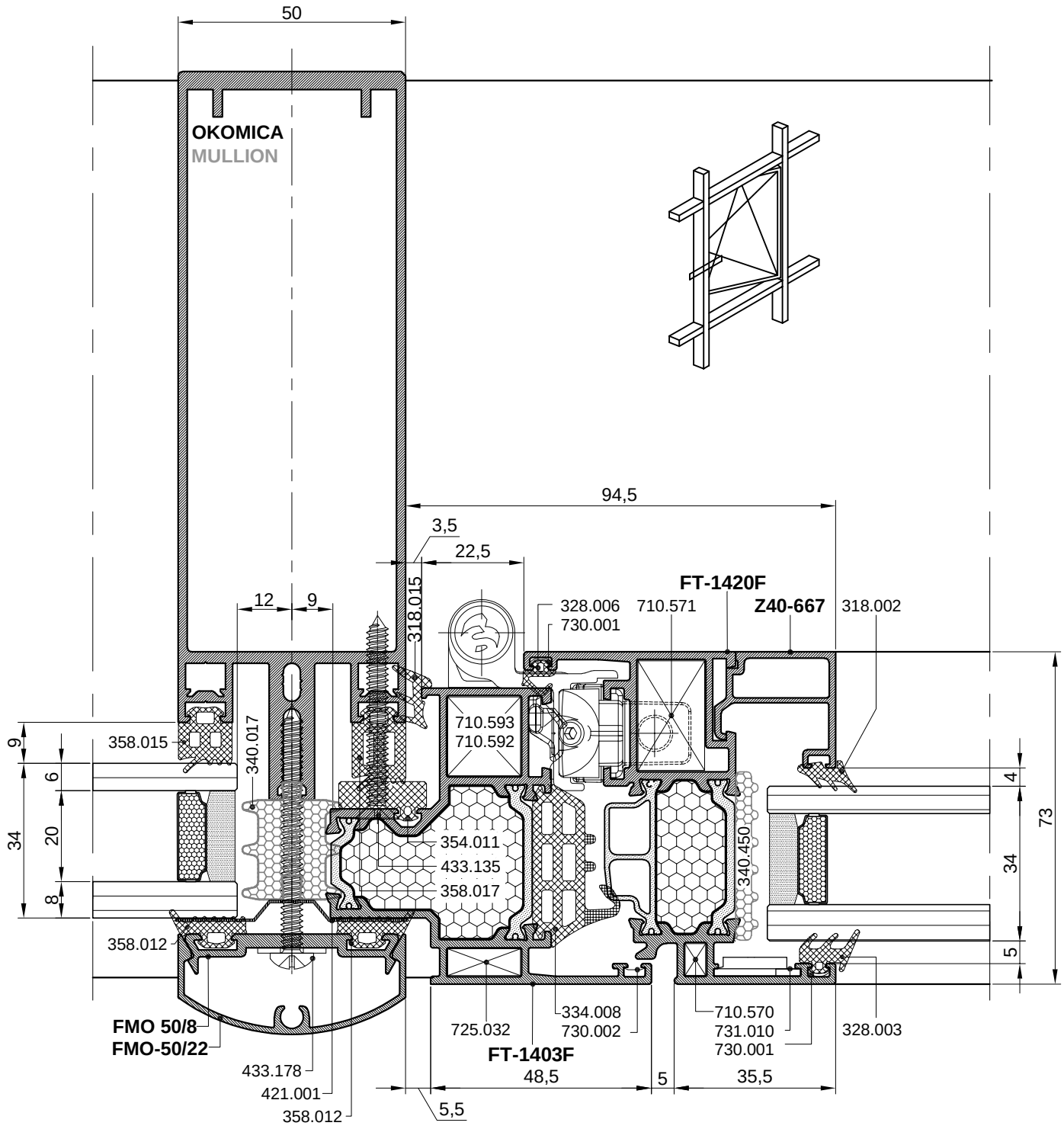

73
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710.462
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TRANSOM
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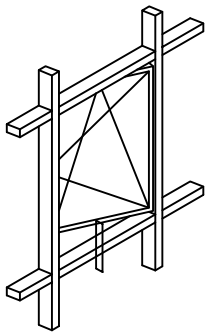


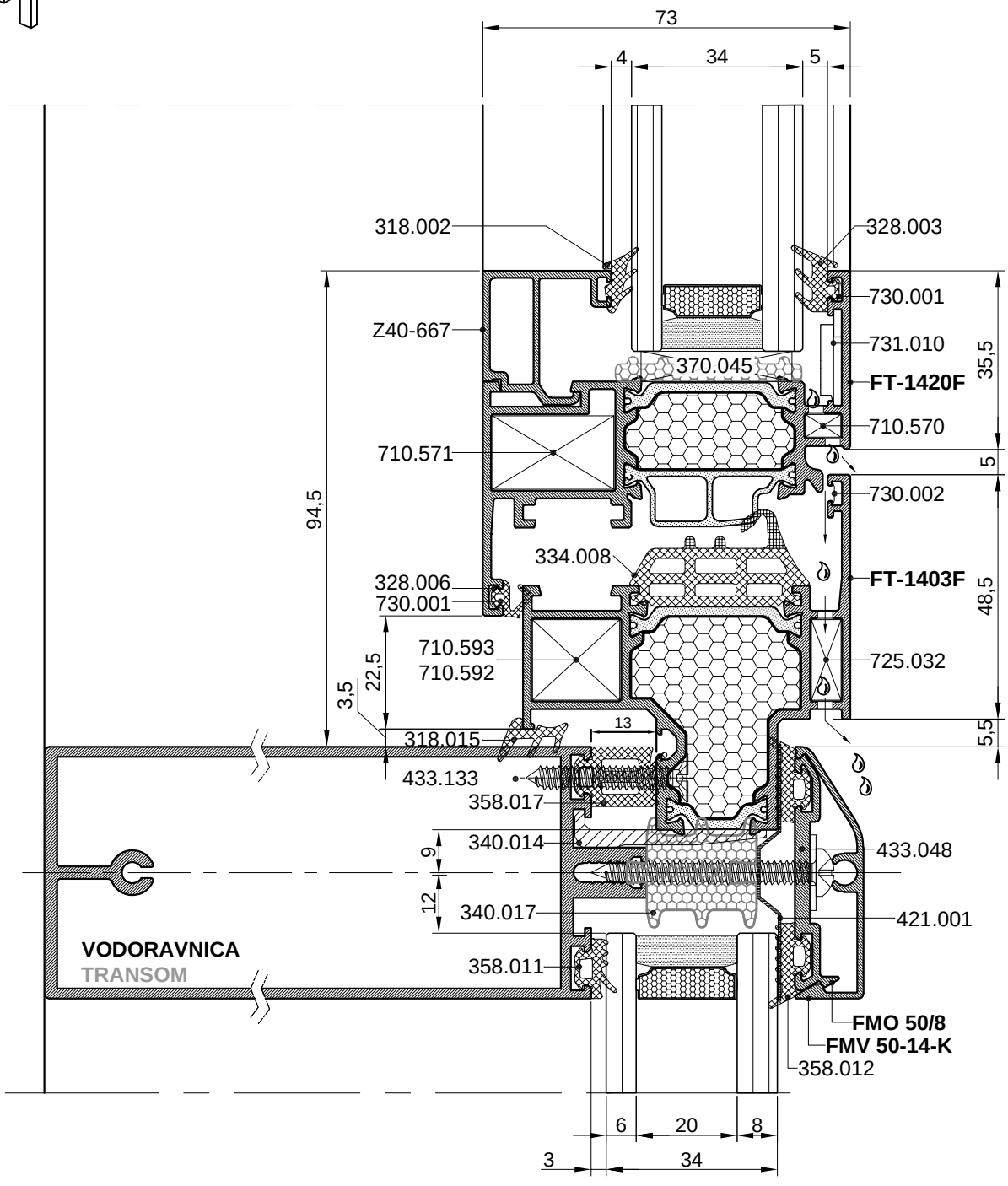
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710.133
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731.010
328.006
730.001
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33.4
725.705
FT-0290F
725.711
725.712
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421.001
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FM0 50/8
FMV 50/14
FM 6/12
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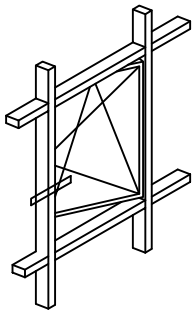


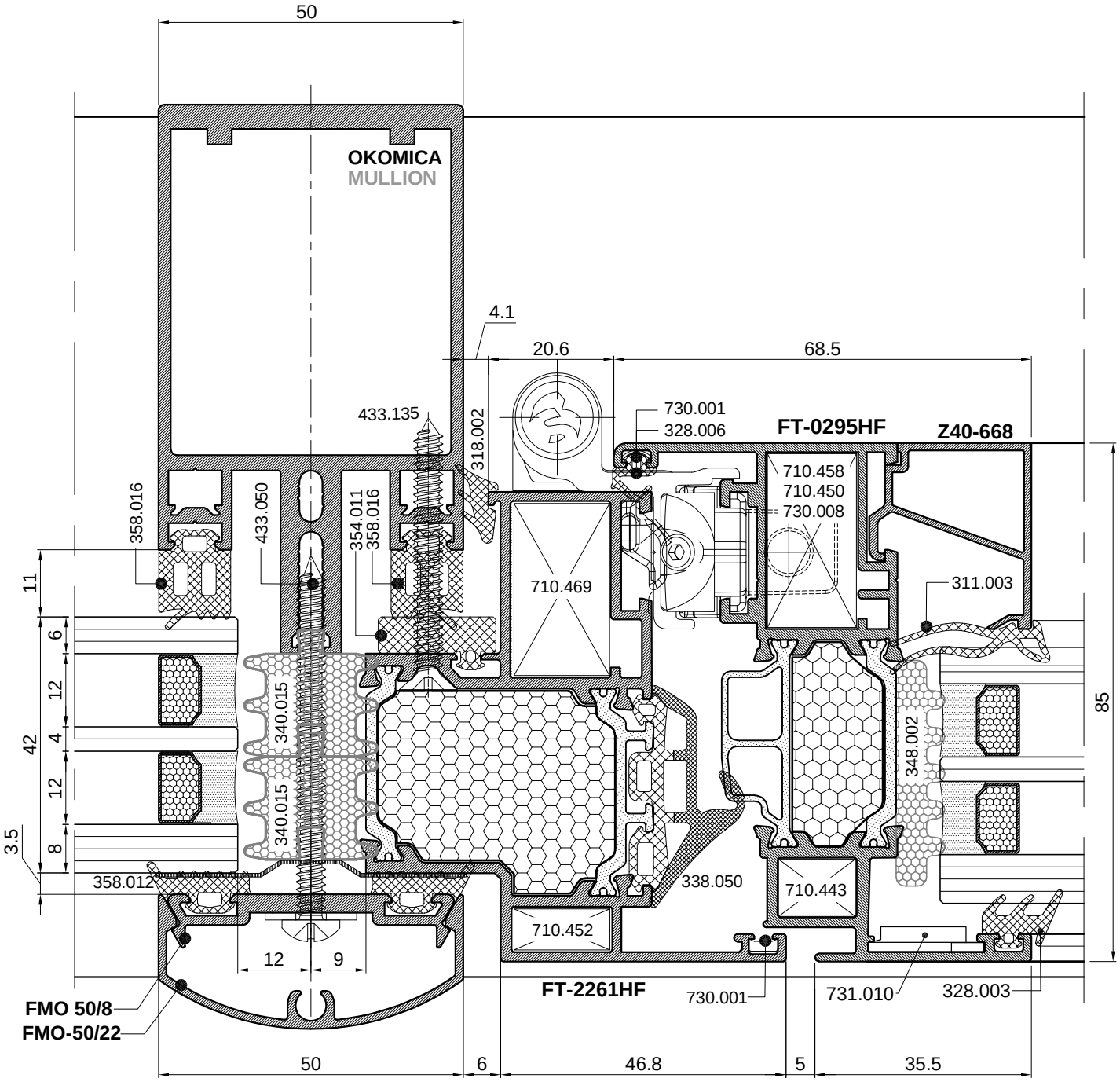
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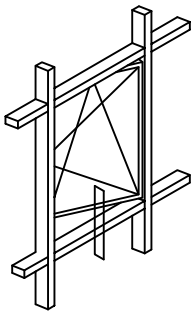

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OKOMICA
MULLION
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FT-1420F
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FMO-50/22
433.178
421.001
358.012
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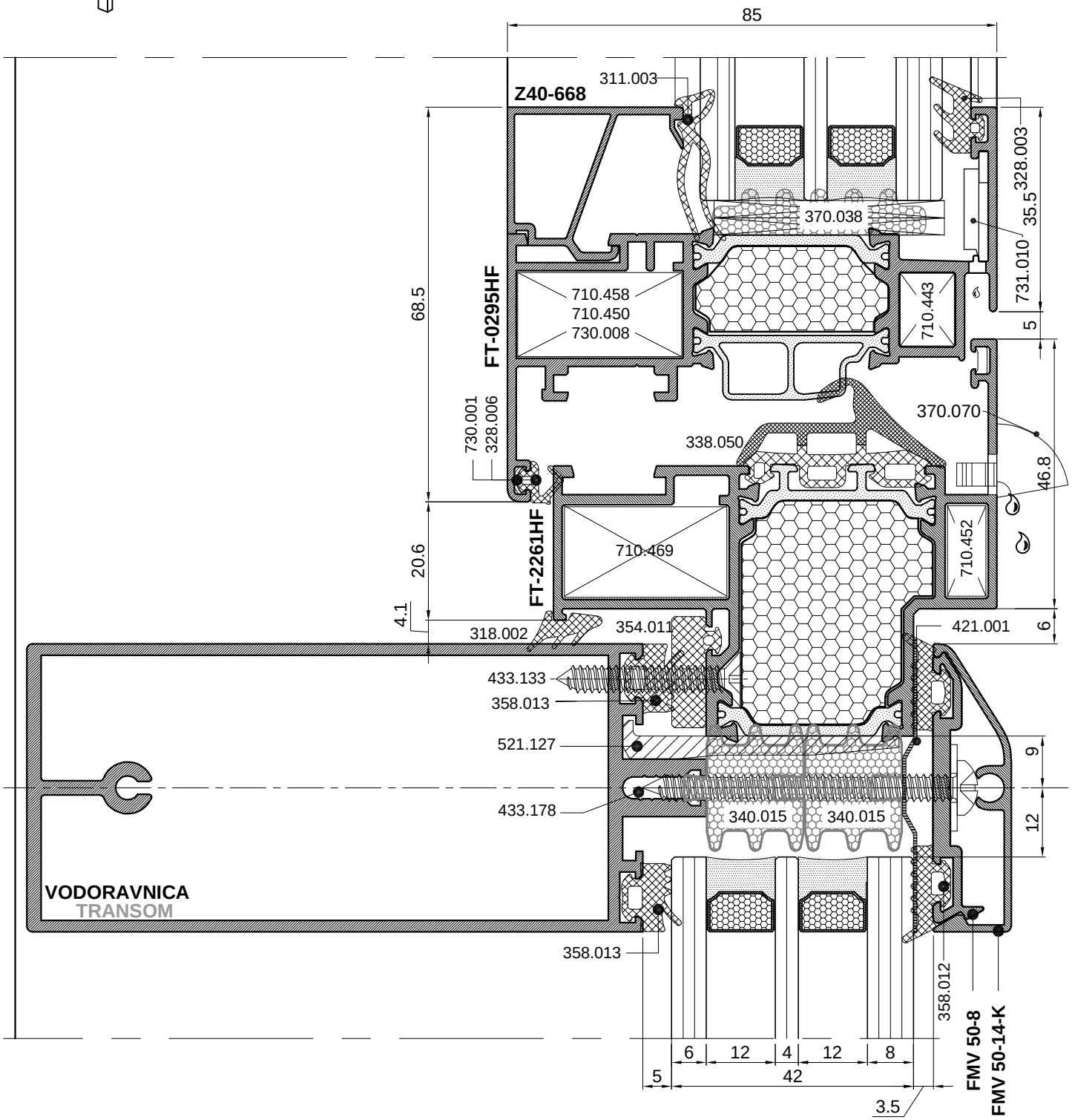


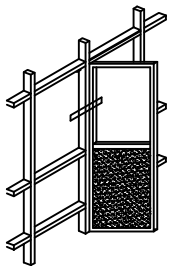

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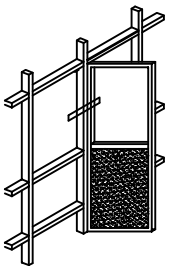

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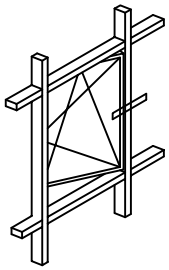

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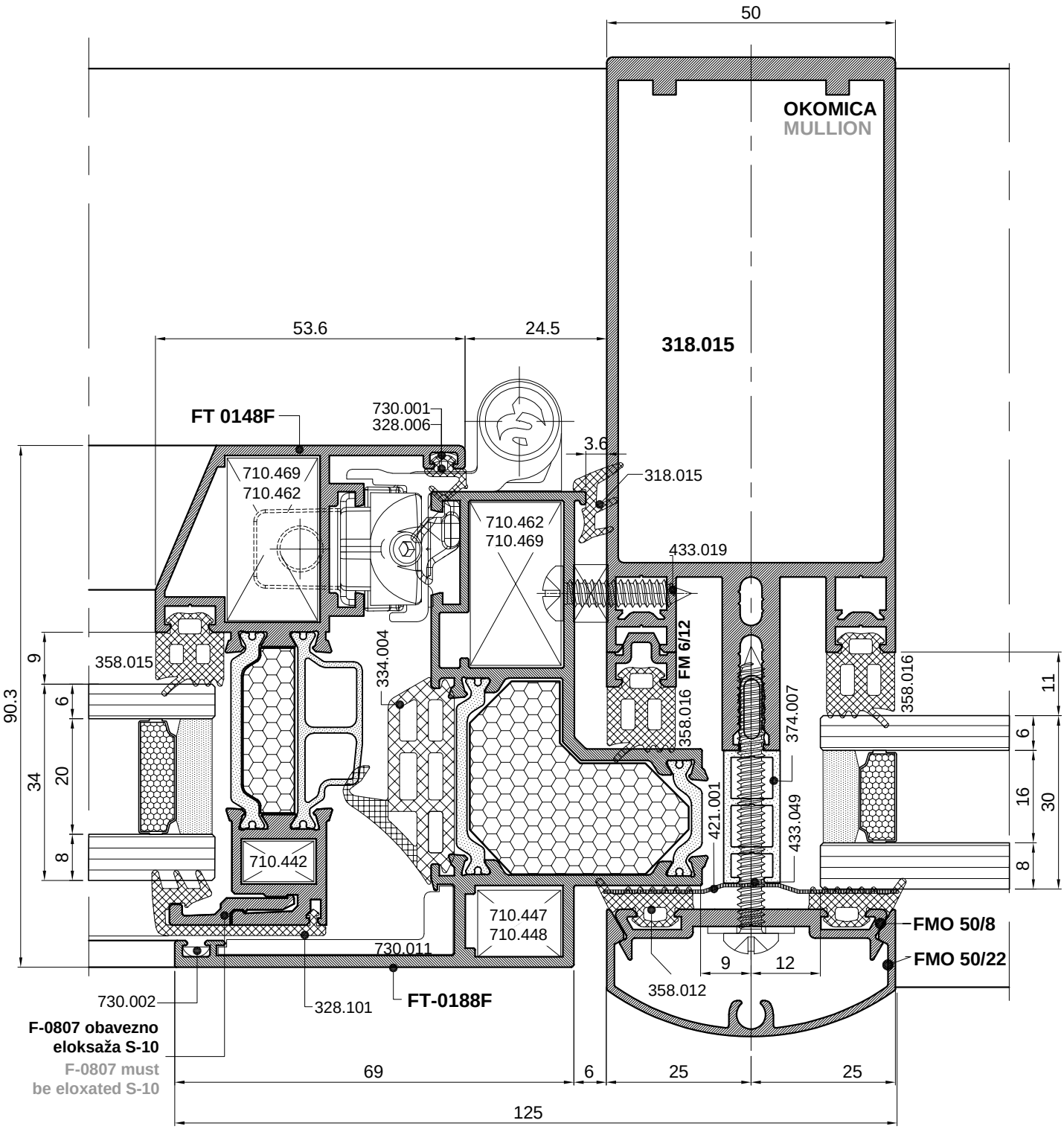


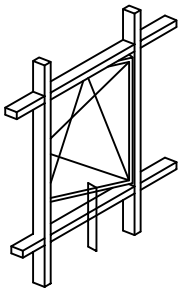
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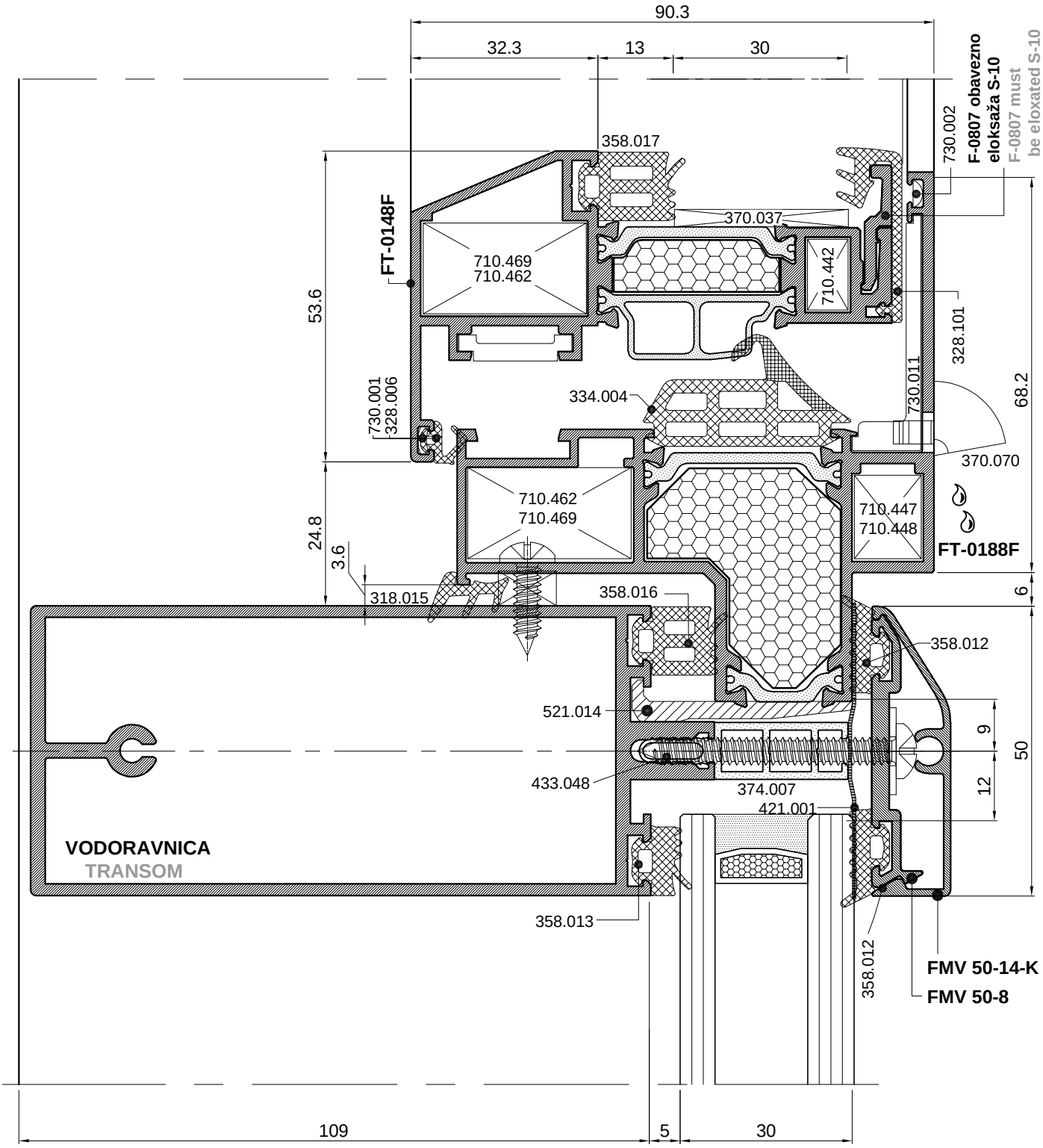


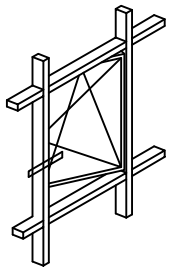
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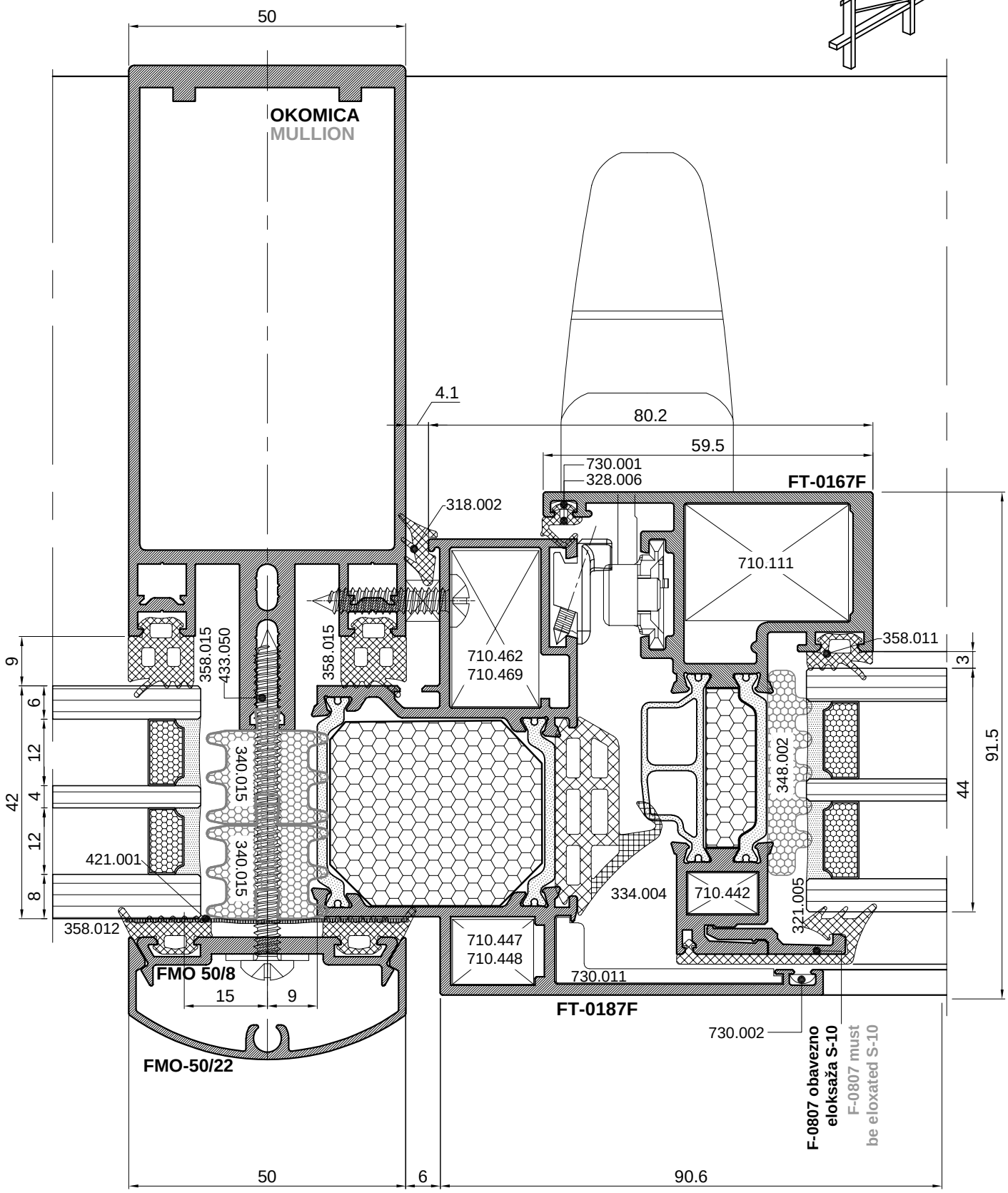


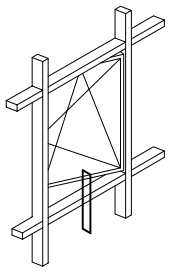

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FMO 50/22
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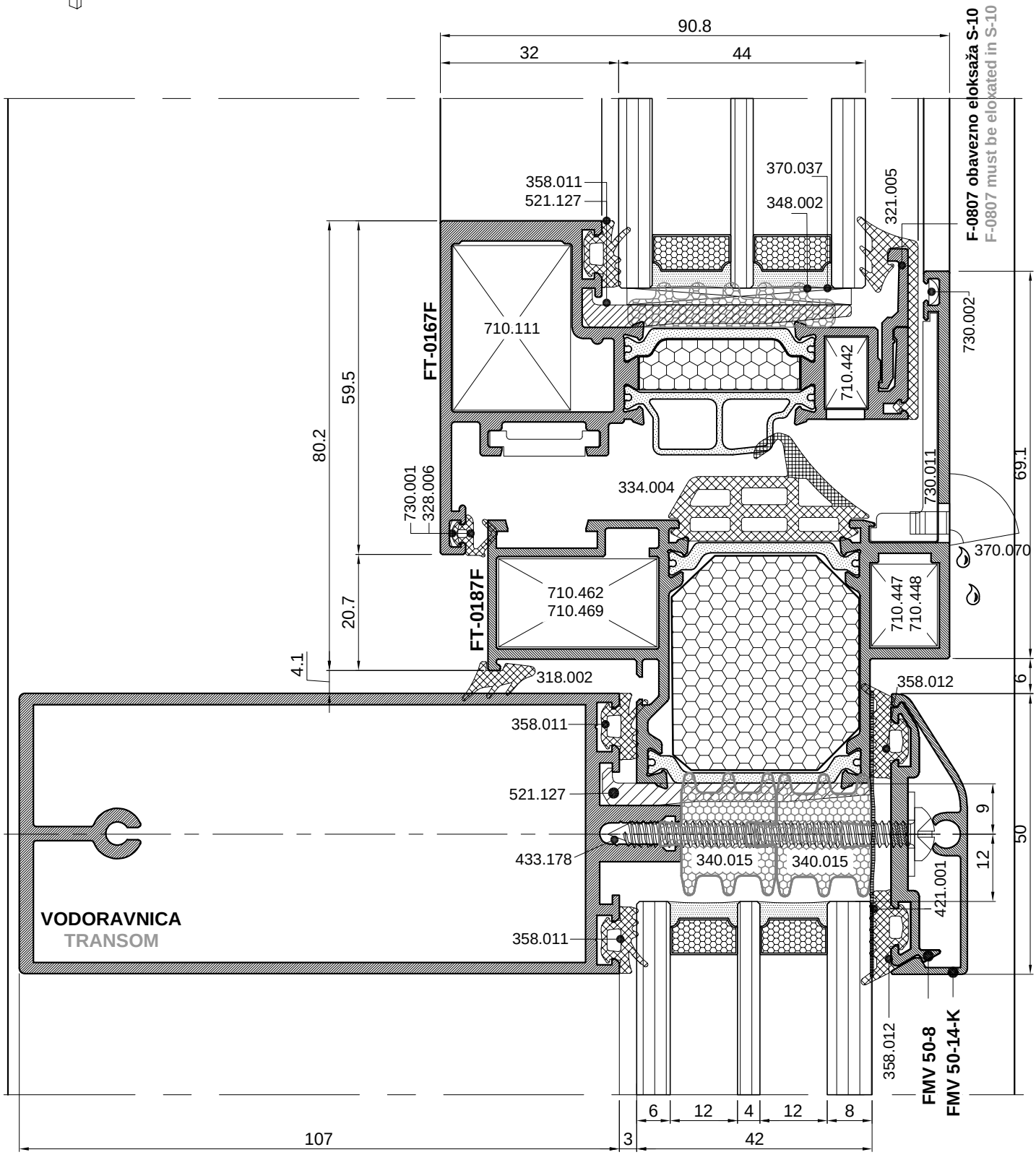


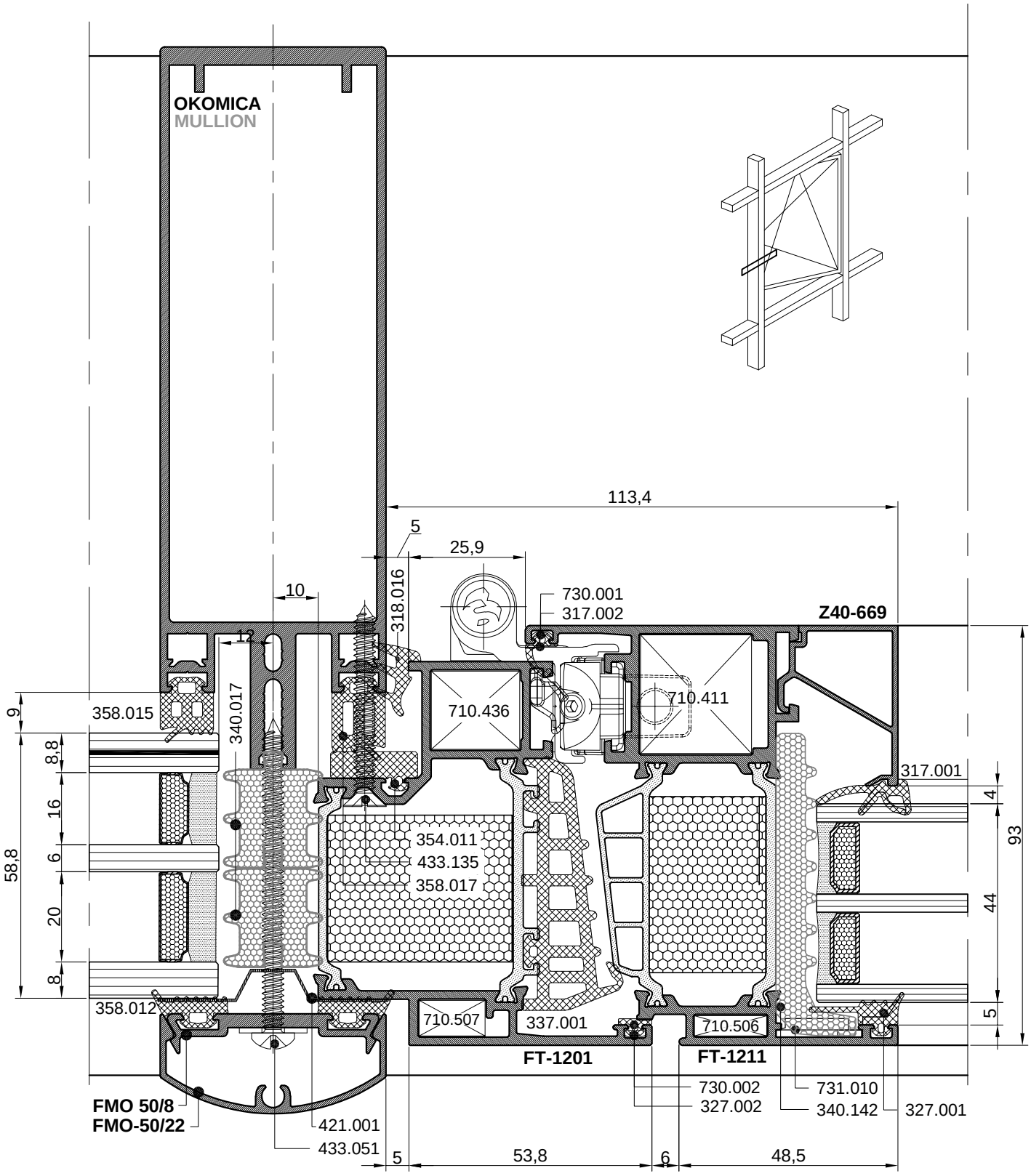

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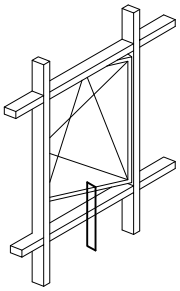



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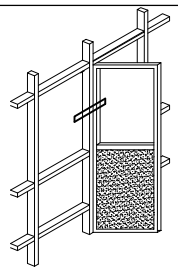


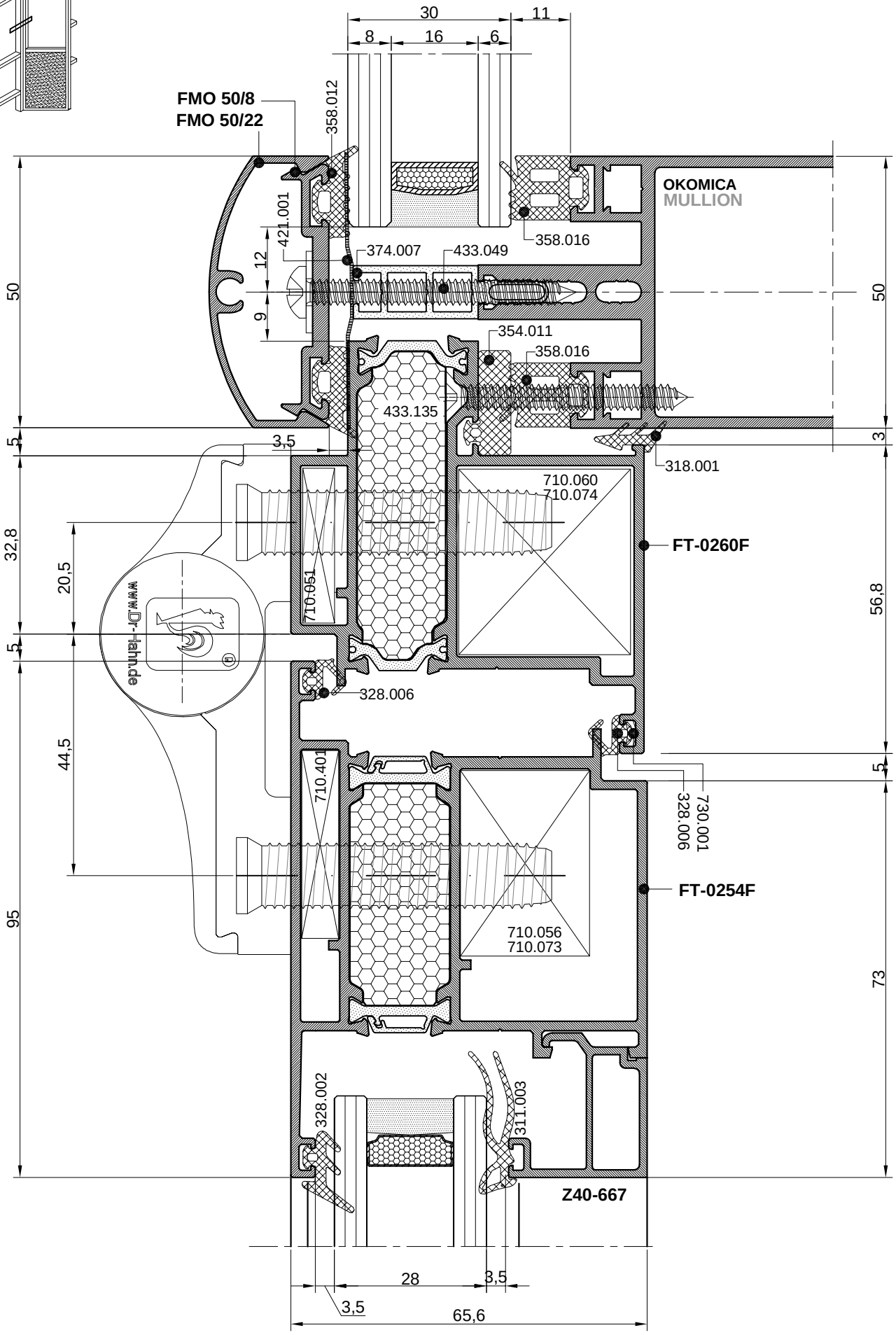

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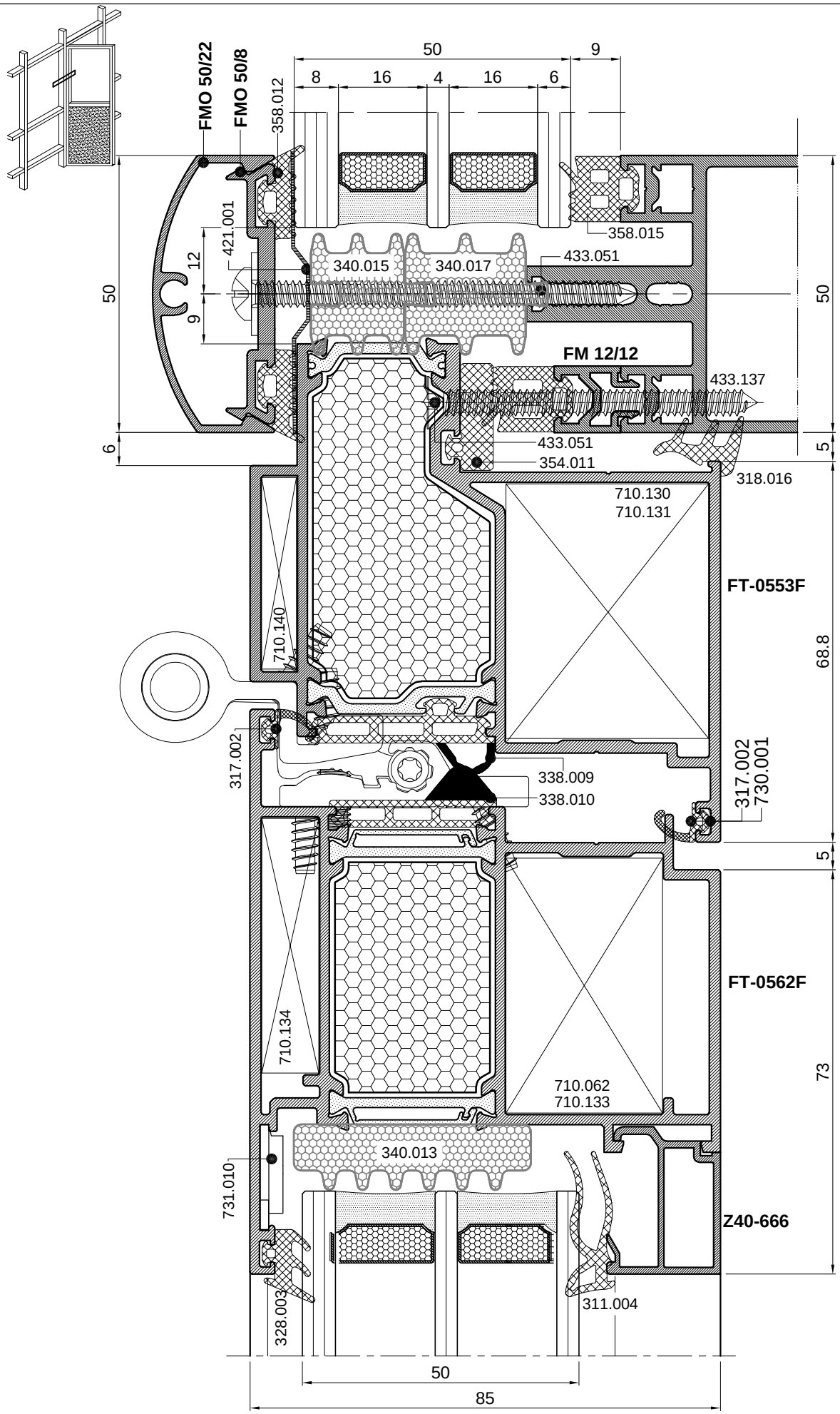

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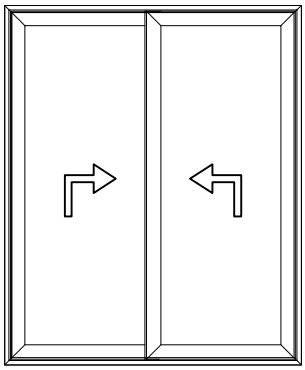


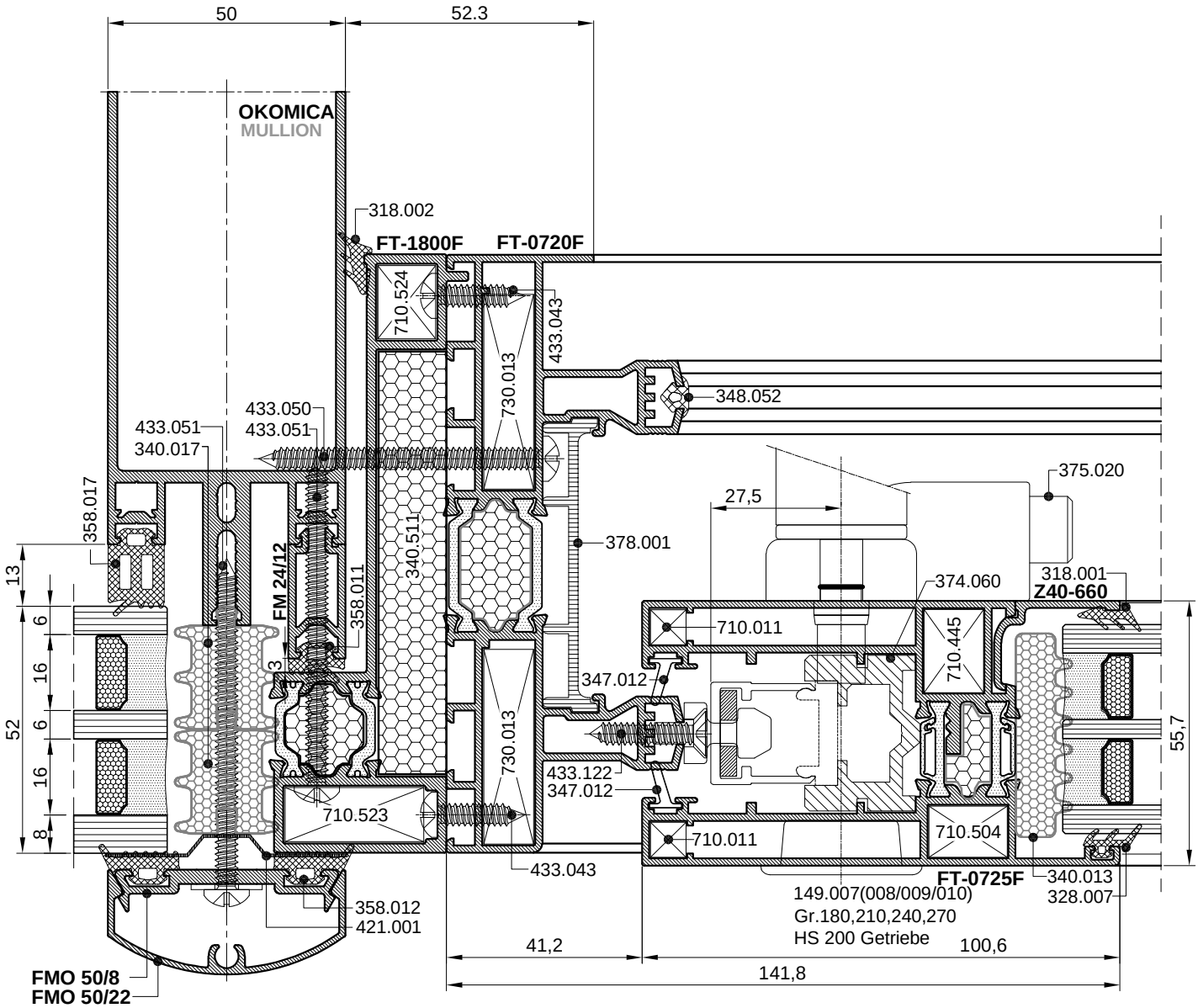
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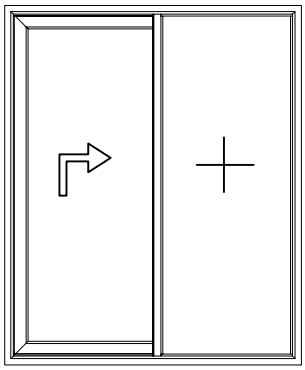


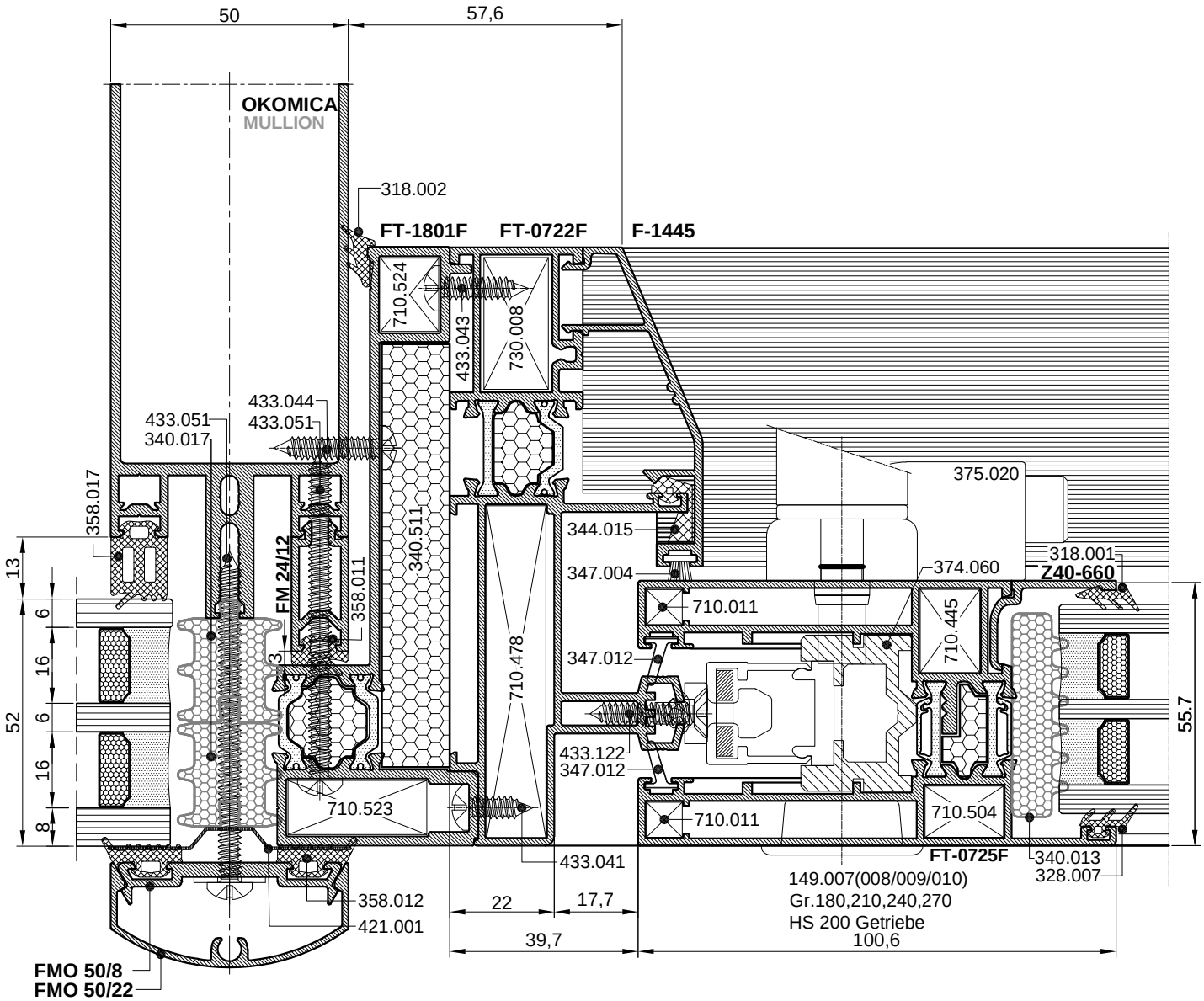

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www.Dr-Hahn.de

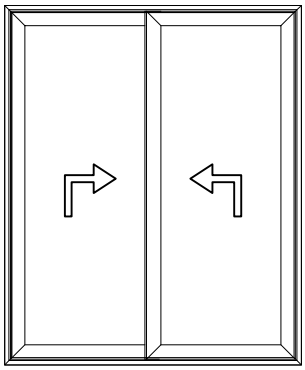

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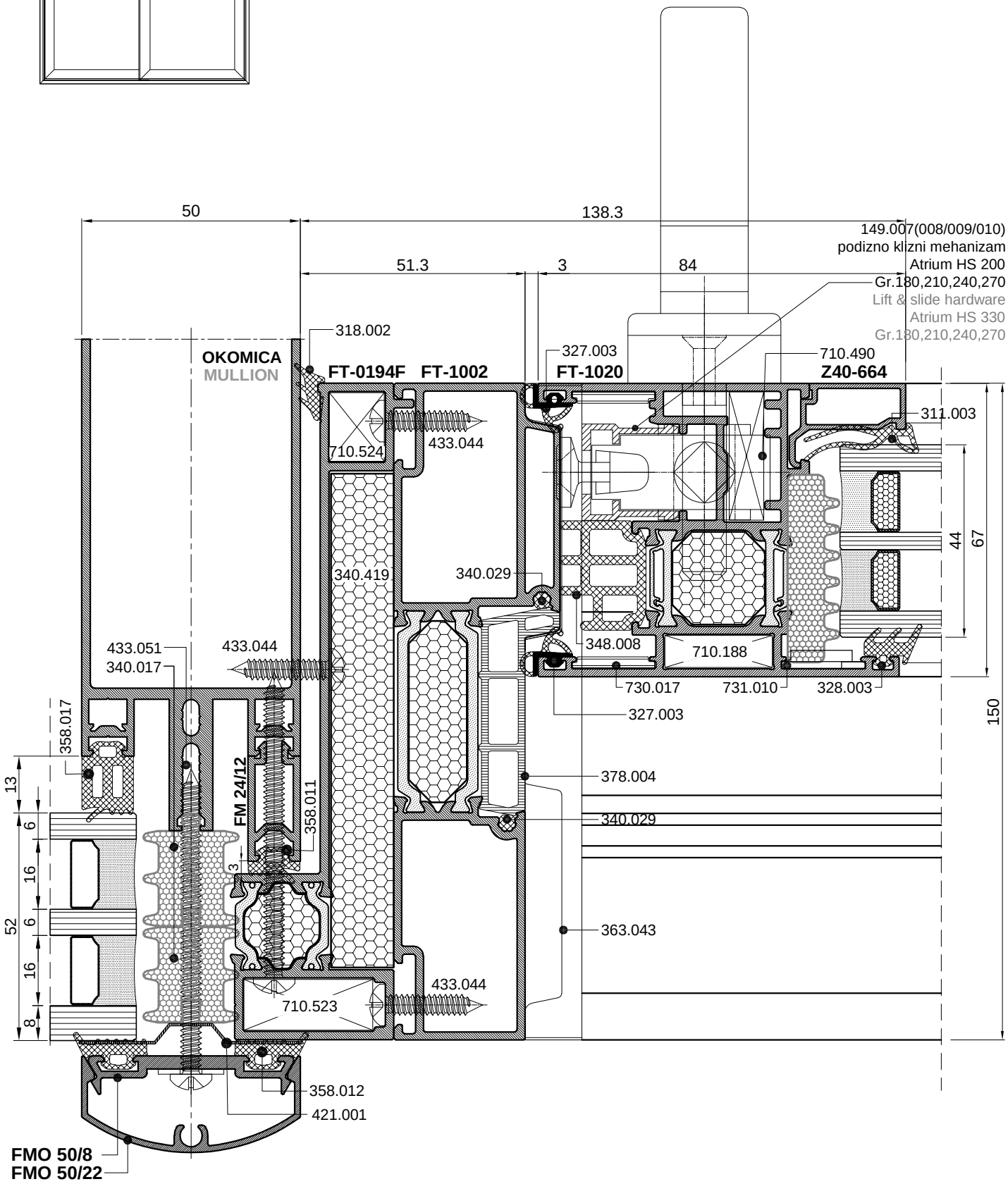


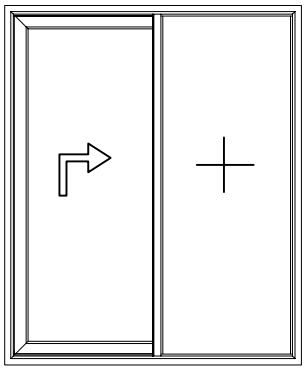

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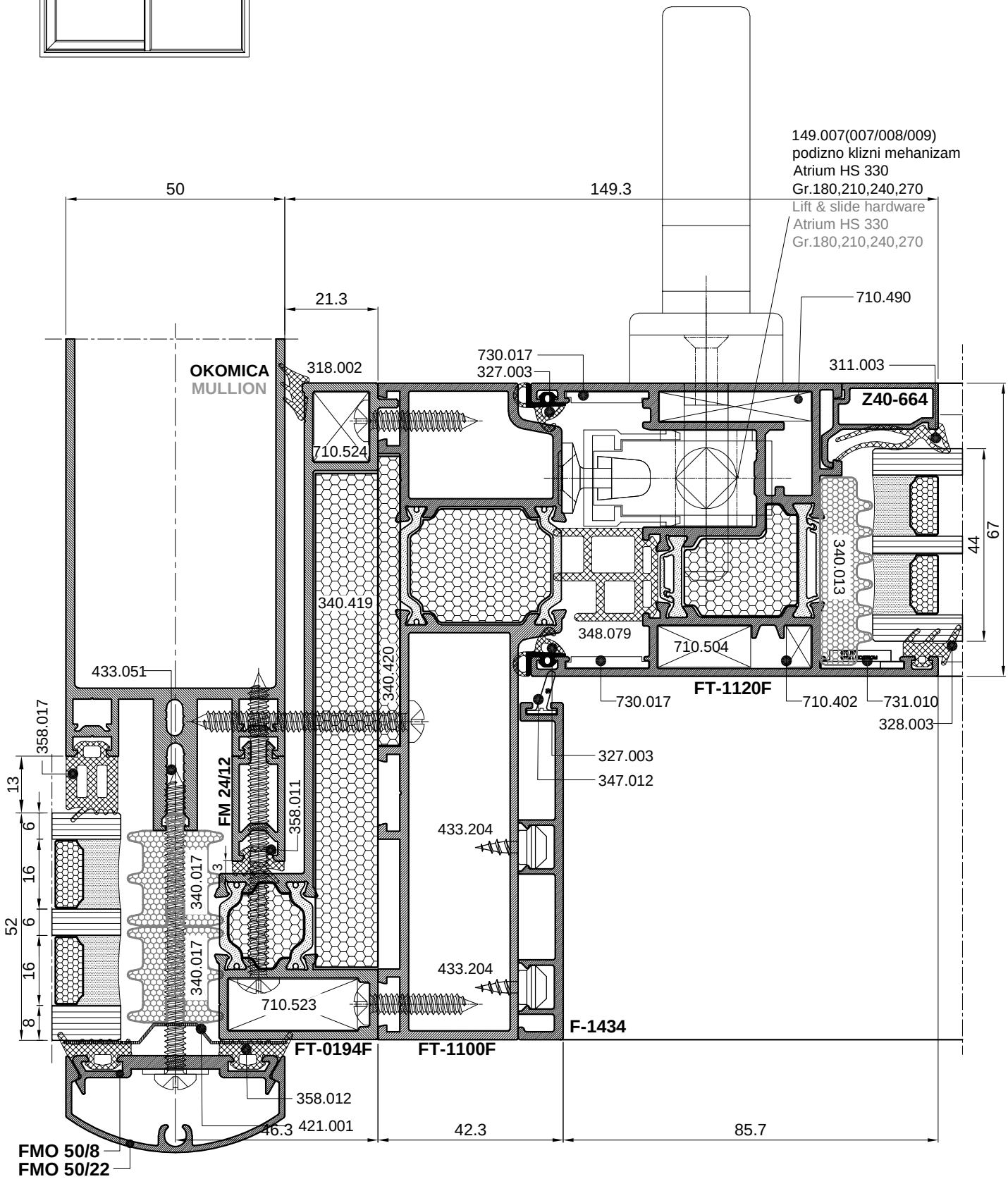


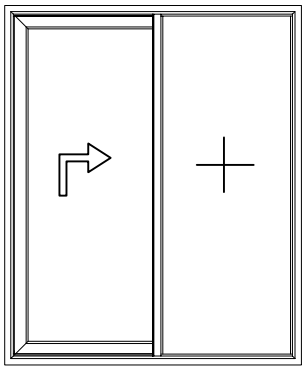

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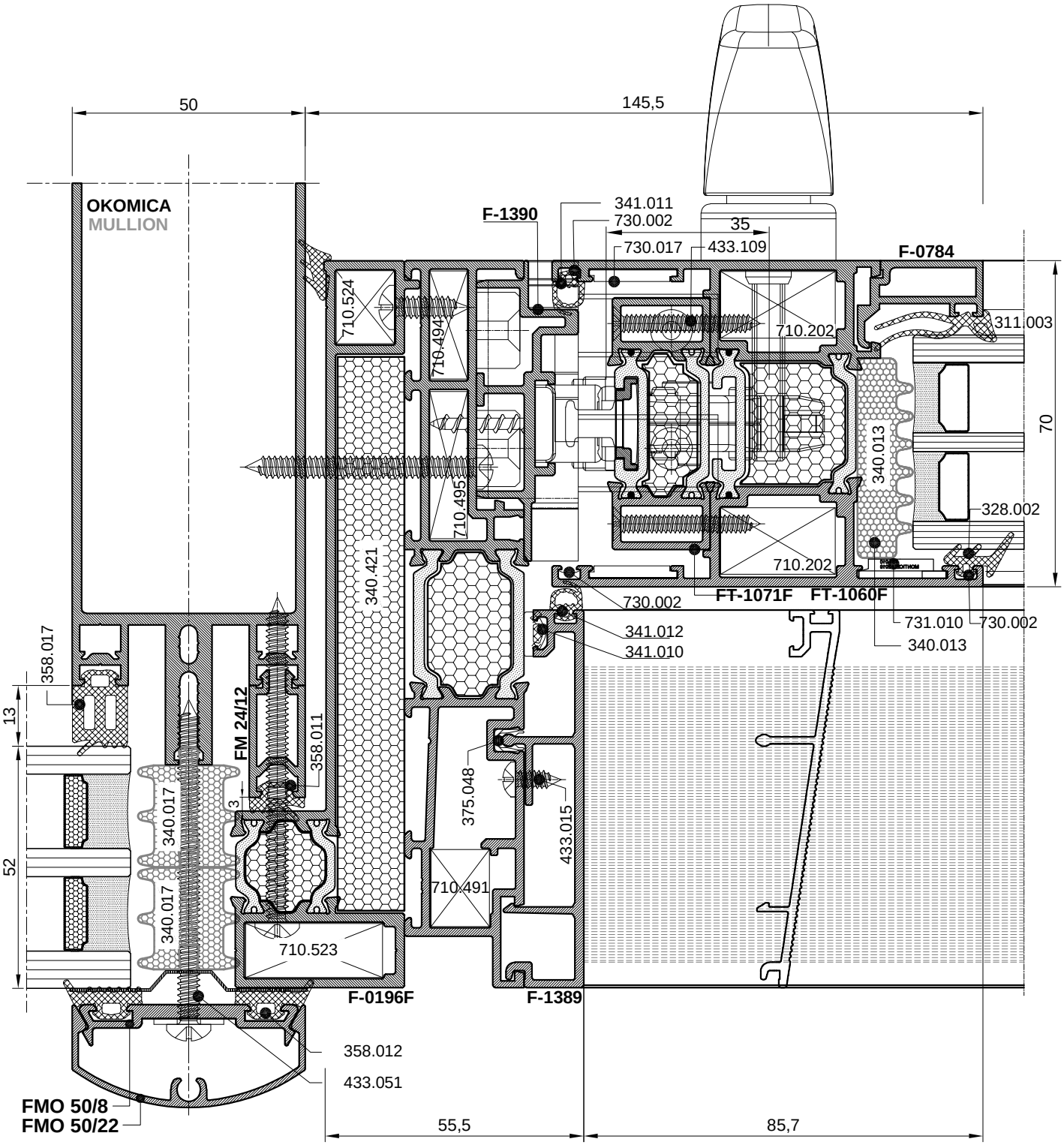


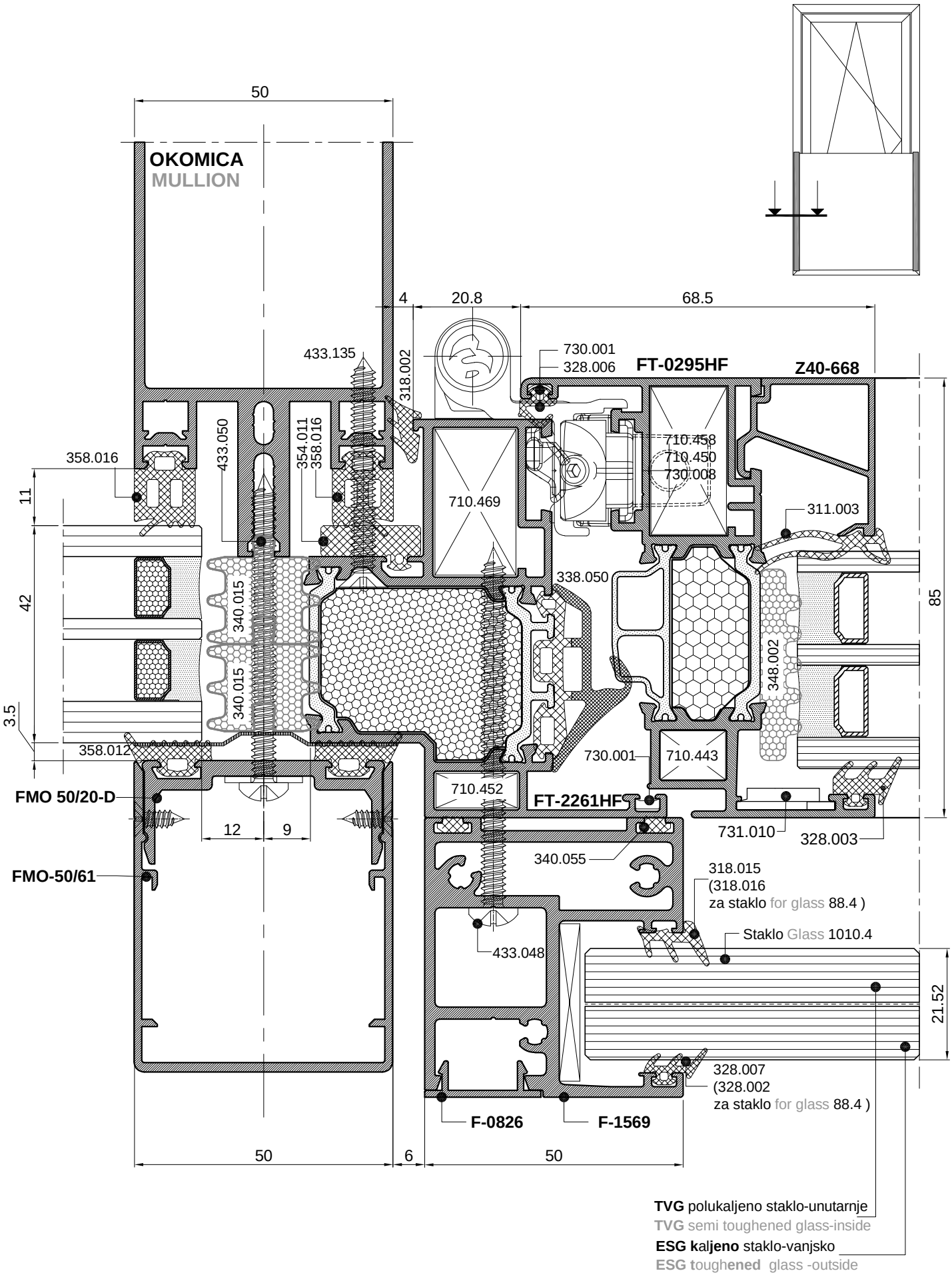

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podizno klizni mehanizam
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Gr.180,210,240,270
Lift & slide hardware
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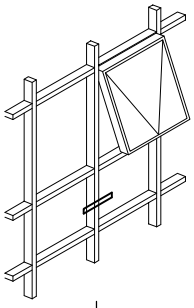



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FMO 50/8
FMO 50/22

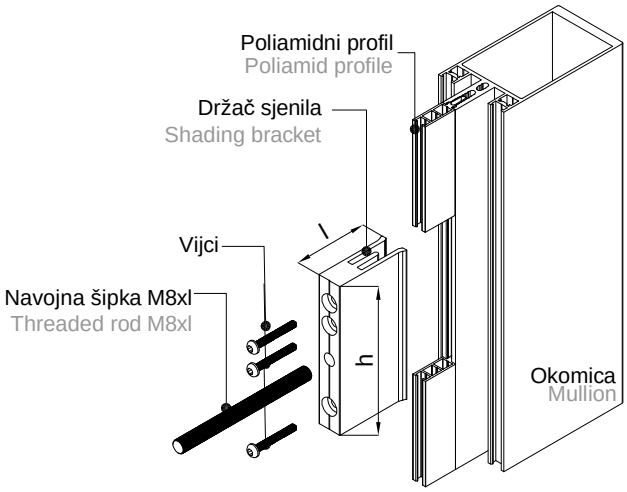


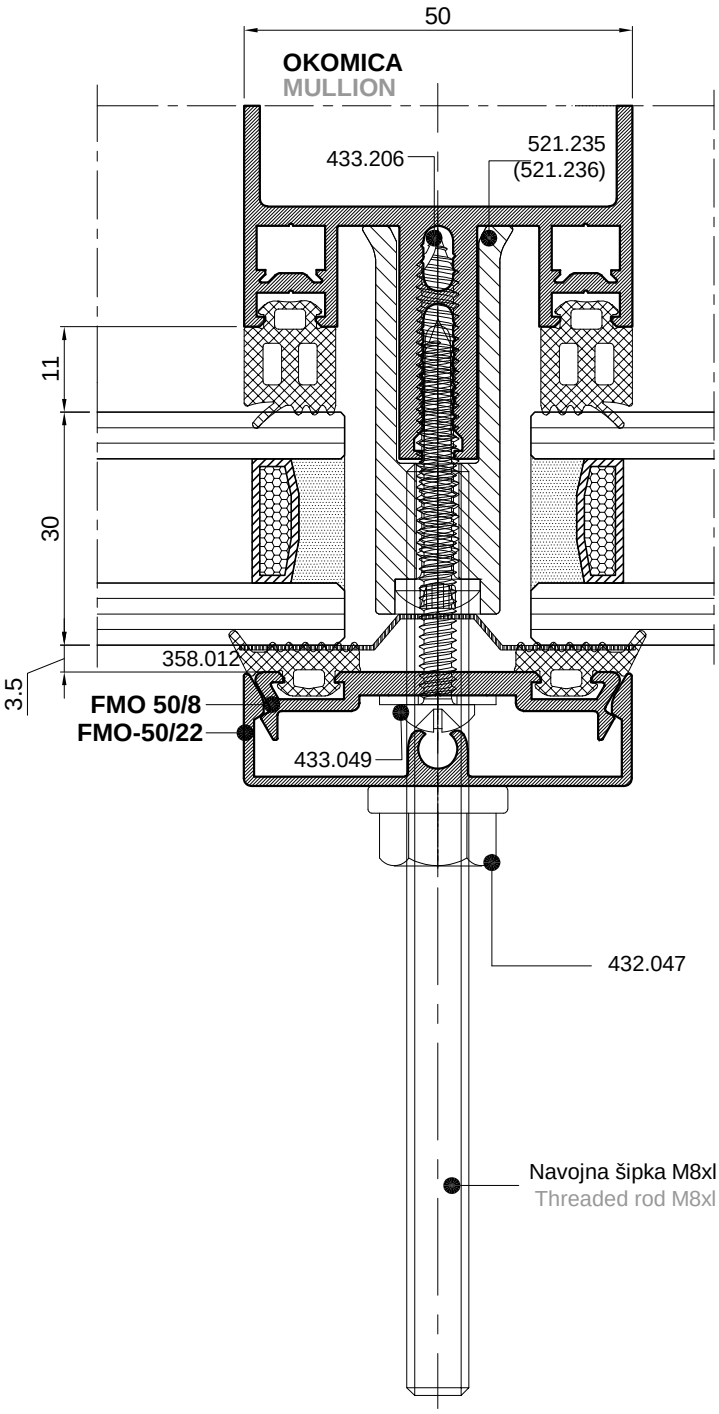

50
145,5
OKOMICA
MULLION
F-1390
341.011
730.002
35
730.017
433.109
F-0784
710.524
719.494
710.202
311.003
70
340.013
710.495
328.002
340.421
710.202
730.002
FT-1071F
FT-1060F
731.010
730.002
340.013
341.012
341.010
358.017
13
FM 24/12
358.011
340.017
3
375.048
433.015
52
340.017
710.491
710.523
F-0196F
F-1389
358.012
433.051
FMO 50/8
FMO 50/22
55,5
85,7

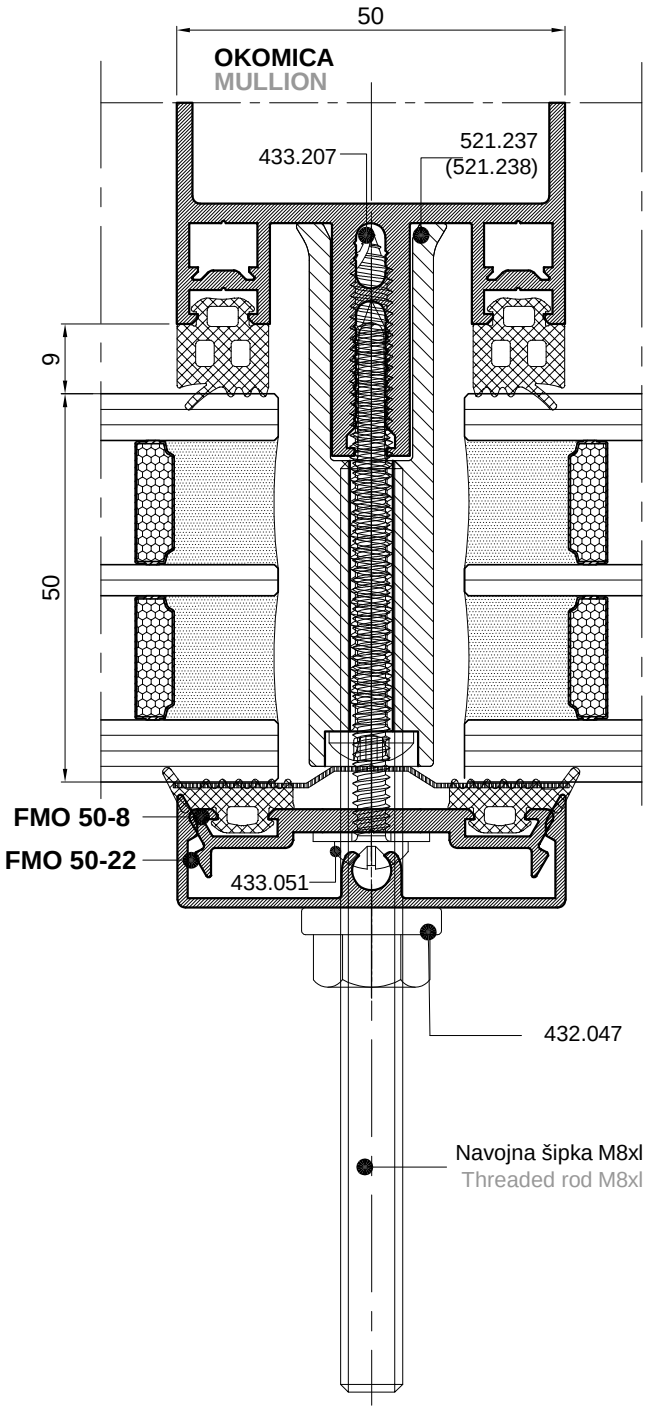

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OKOMICA
MULLION
4
20.8
68.5
433.135
318.002
730.001
328.006
FT-0295HF
Z40-668
358.016
433.050
354.011
358.016
710.458
710.450
730.008
710.469
311.003
11
42
3.5
338.050
340.015
340.015
348.002
85
358.012
730.001
710.443
FMO 50/20-D
710.452
FT-2261HF
731.010
328.003
12
9
340.055
FMO-50/61
318.015
(318.016
za staklo for glass 88.4)
Staklo Glass 1010.4
433.048
21.52
328.007
(328.002
za staklo for glass 88.4)
F-0826
F-1569
50
6
50
TVG polukaljeno staklo-unutarnje
TVG semi toughened glass-inside
ESG kaljeno staklo-vanjsko
ESG toughened glass -outside

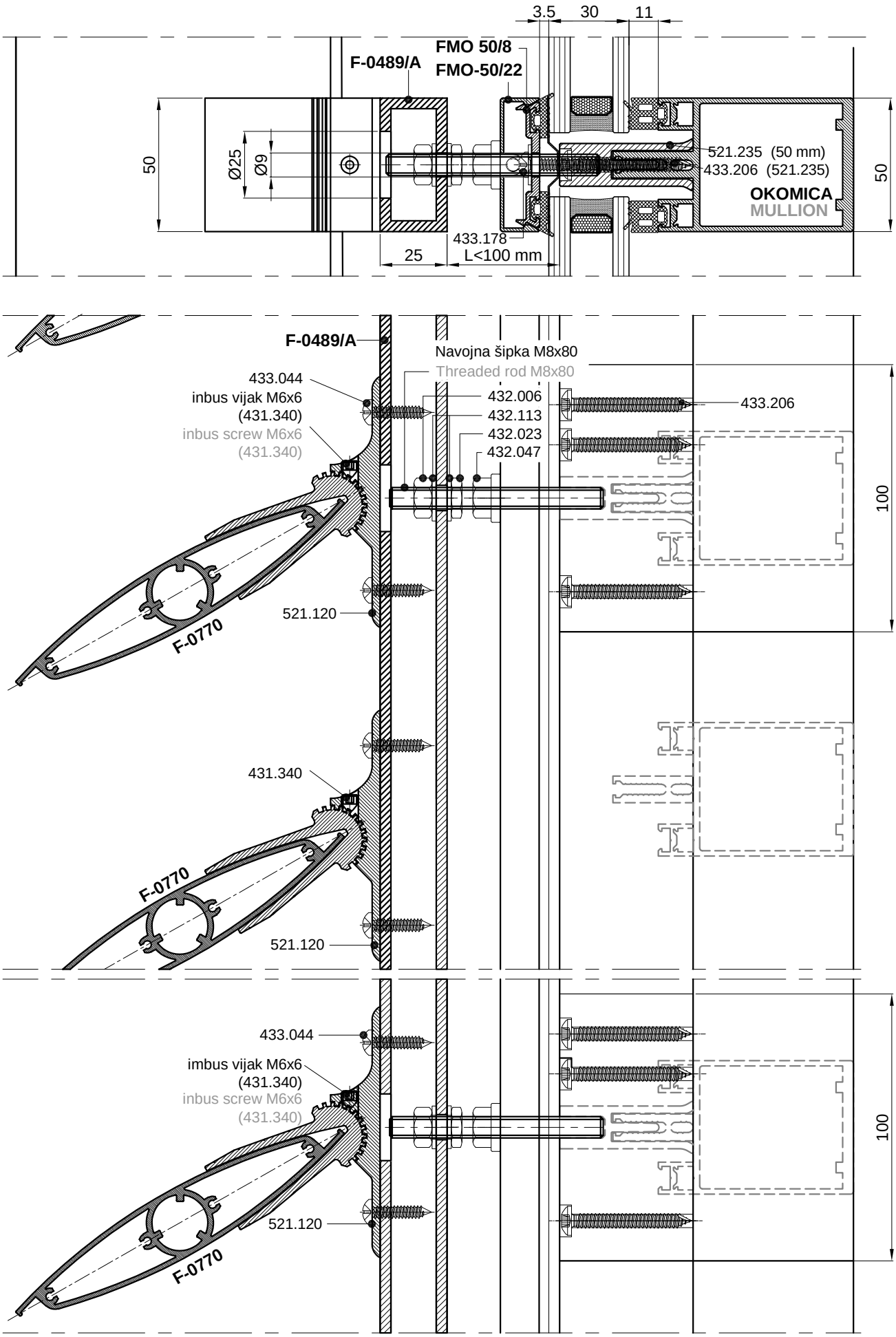


Držač sjenila Shading bracket	Vijci Screw	Dimenzije l x h Dimenzions l x h
521.235	433.206	50x100 mm
521.236	433.206	50x160 mm
521.237	433.207	70x100 mm
521.238	433.207	70x160 mm







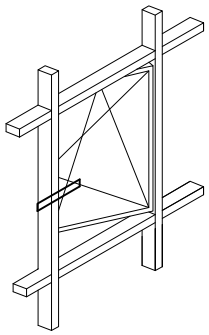

3.5
30
11
F-0489/A
FMO 50/8
FMO-50/22
50
Ø25
Ø9
521.235 (50 mm)
433.206 (521.235)
OKOMICA
MULLION
433.178
25
L<100 mm
F-0489/A
Navojna šipka M8x80
Threaded rod M8x80
433.044
inbus vijak M6x6
(431.340)
inbus screw M6x6
(431.340)
432.006
432.113
432.023
432.047
433.206
100
521.120
F-0770
431.340
imbus vijak M6x6
(431.340)

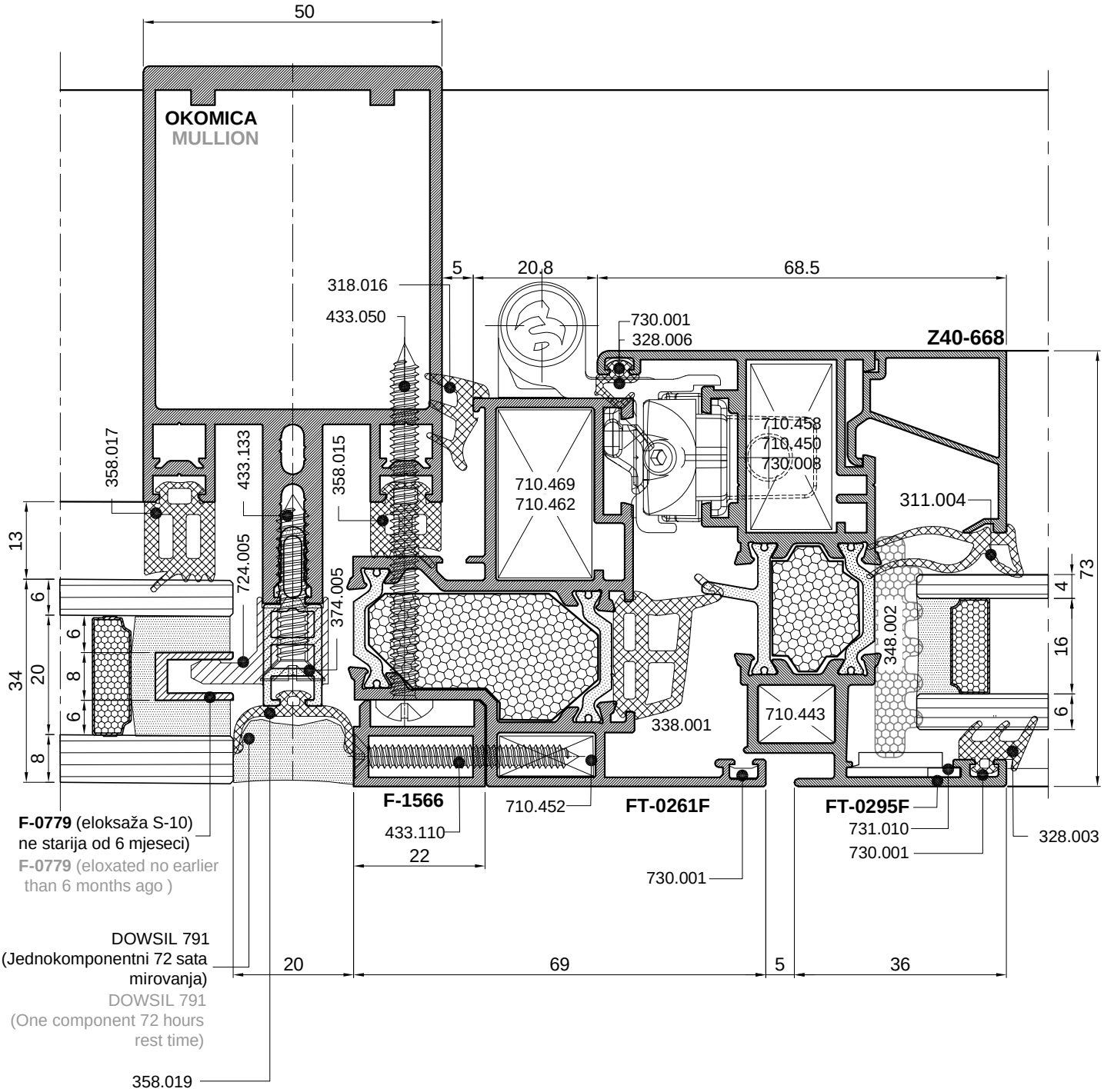
Spojevi fasade **50 FS** sa serijama:

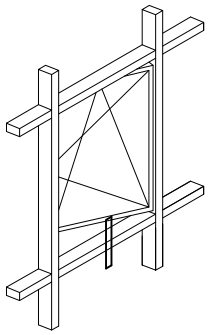
- Termo 65
- Termo 65 plus
- Termo 85
- Termo 85 SK
- Termo 85 PA
- Termo 65 VS
- Termo 85 VS
- Termo 120
- Termo 150
- Termo 150+
- Inowa
- Francuski balkon (sa Termo 85)

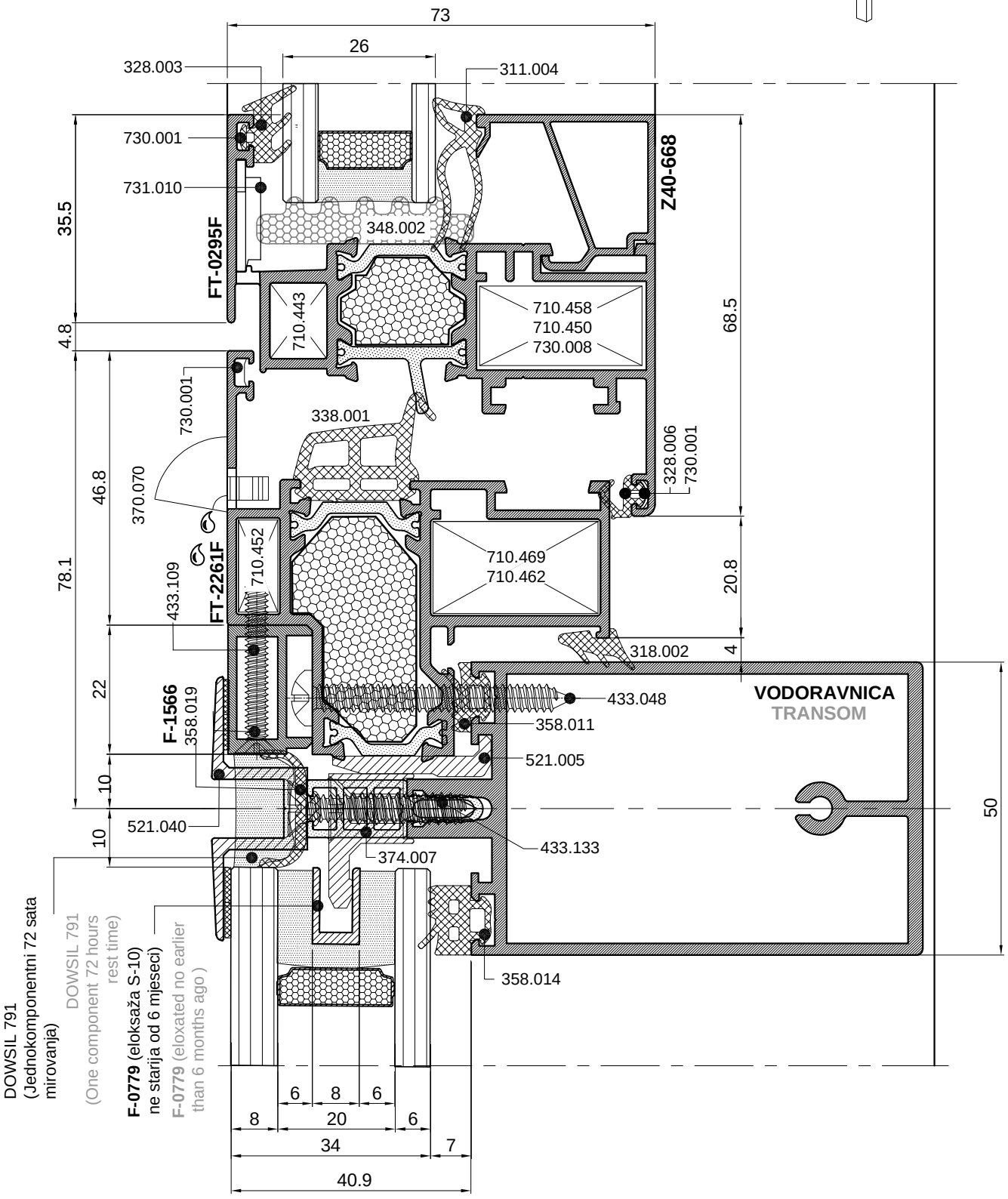
Connections of facade **50 FS** with systems:

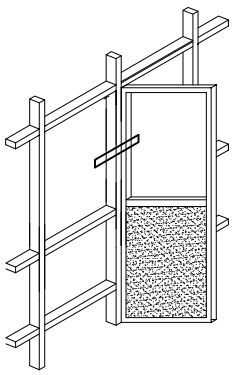
- Termo 65
- Termo 65 plus
- Termo 85
- Termo 85 SK
- Termo 85 PA
- Termo 65 VS
- Termo 85 VS
- Termo 120
- Termo 150
- Termo 150+
- Inowa
- French balcony (with Termo 85)



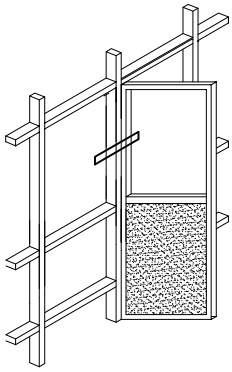

50
OKOMICA
MULLION
318.016
433.050
5
20.8
68.5
730.001
328.006
Z40-668
358.017
433.133
358.015
710.469
710.462
710.458
710.450
730.008
311.004
13
724.005
374.005
348.002
73
4
16
6
34
20
8
6
338.001
710.443
F-1566
710.452
FT-0261F
FT-0295F
731.010
730.001
328.003
433.110
22
730.001
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hours
rest time)
358.019
20
69
5
36



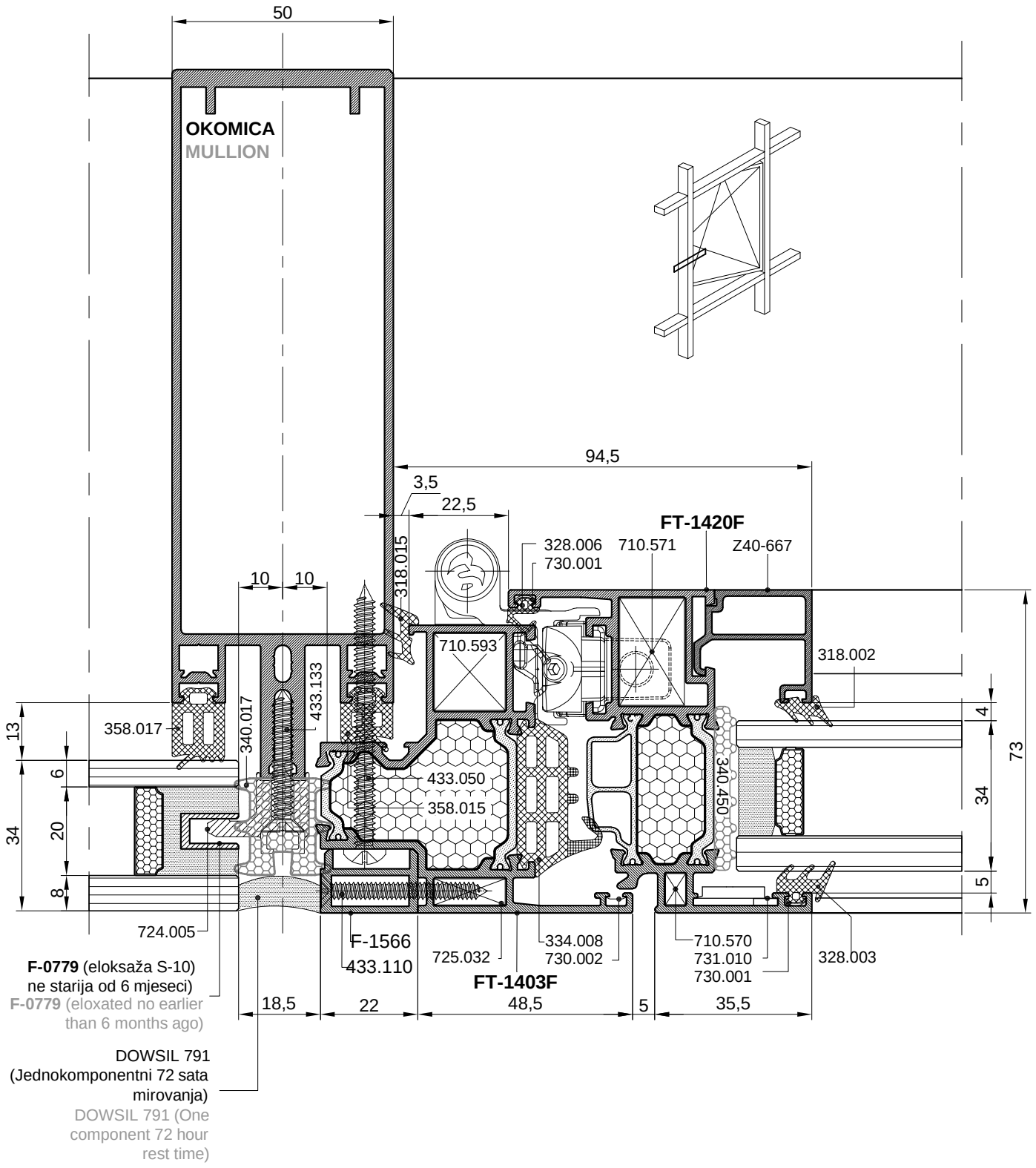

73
26
328.003
311.004
730.001
731.010
35.5
FT-0295F
348.002
Z40-668
710.443
710.458
710.450
730.008
68.5
4.8
730.001
338.001
328.006
730.001
46.8
370.070
78.1
710.452
710.469
710.462
20.8
FT-2261F
433.109
318.002
4
22
F-1566
358.019
433.048
VODORAVNICA
TRANSOM
358.011
521.005
10
50
521.040
10
433.133
374.007
358.014
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hours
rest time)
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
6
8
6
8
20
6
34
7
40.9

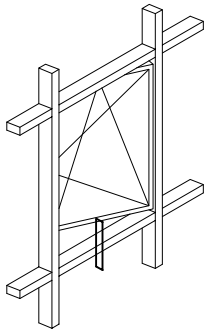


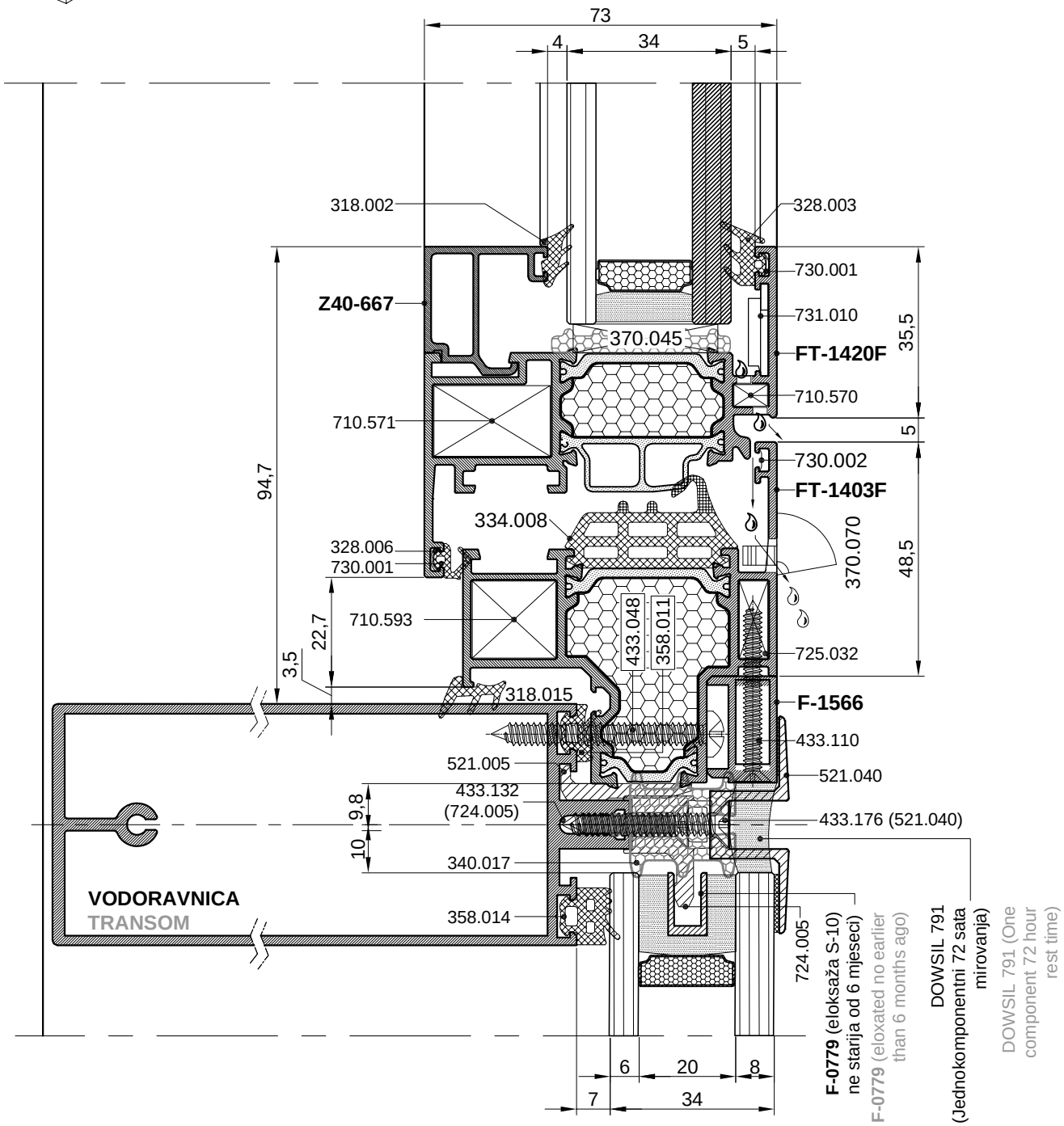
73
6
15
6
Z40-669
318.015
328.007
731.010
348.002
72.9
710.172
710.062
710.133
FT-0279F
106
5
730.001
328.006
338.001
731.010
328.006
730.001
67.7
6
725.705
FT-2290F
725.711
725.712
53.5
5
318.016
433.135
433.109
20
F-1566
358.016
50
358.019
20
374.005
433.133
724.005
OKOMICA
MULLION
358.017
6
8
6
6
20
8
13
34
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)

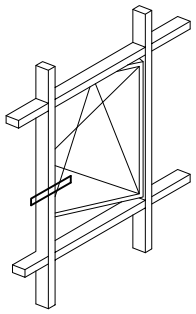


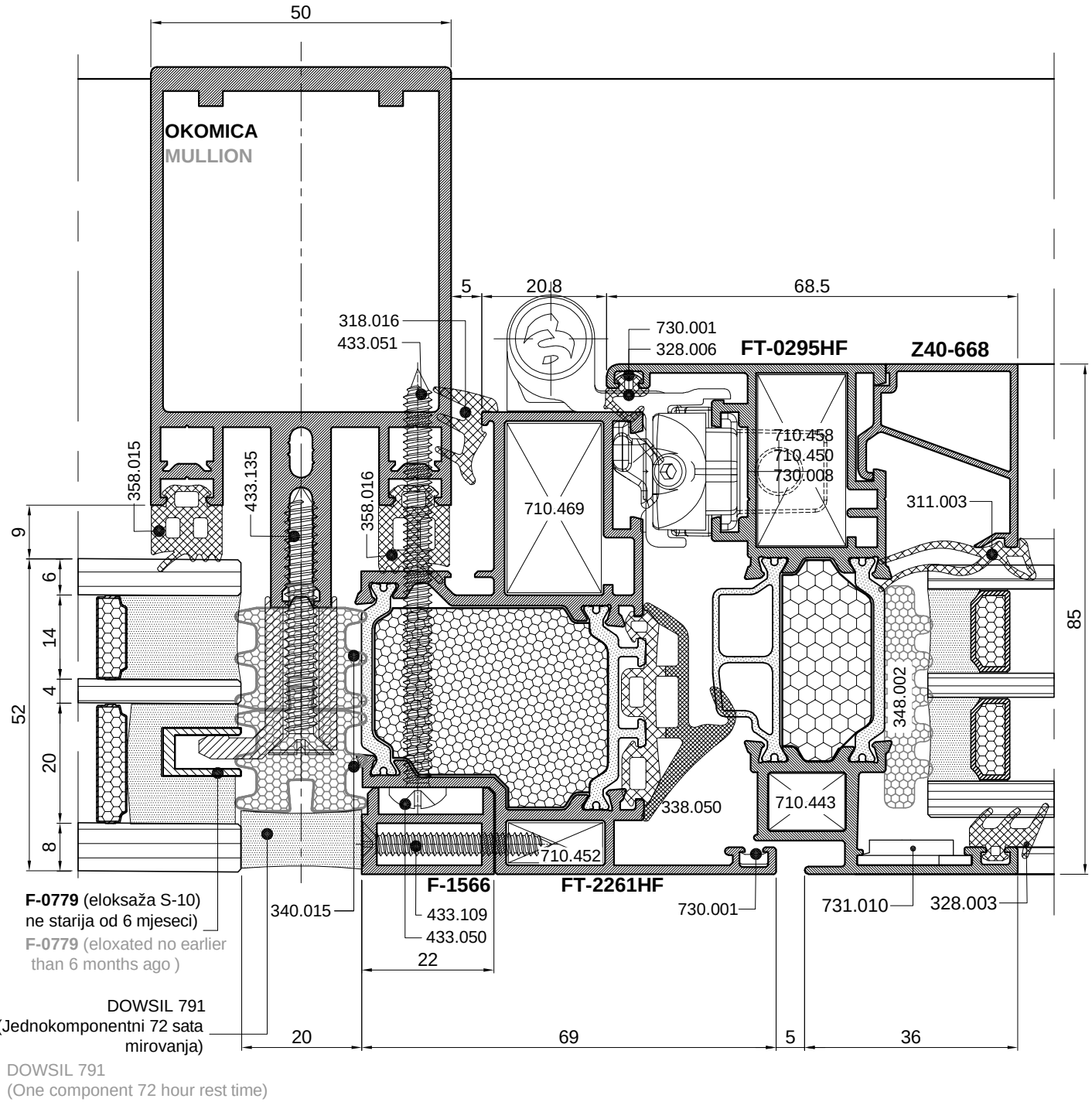
73
6
15
6
Z40-669
318.015
328.007
731.010
340.013
70.5
103.5
710.062
710.133
710.172
FT-0275F
5
328.006
730.001
338.001
730.001
328.006
FT-2261F
710.469
710.452
69
20.8
318.016
5
F-1566
433.109
22
433.050
358.015
50
20
374.005
433.133
724.005
OKOMICA
MULLION
358.017
358.019
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour rest time)
6
8
6
6
20
8
13
34

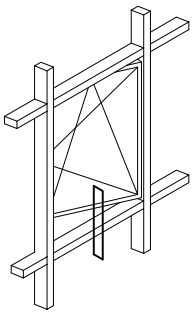

50
OKOMICA
MULLION
94,5
3,5
22,5
FT-1420F
328.006
730.001
710.571
Z40-667
318.015
10
10
710.593
318.002
433.133
340.017
358.017
13
6
34
20
8
433.050
358.015
340.450
4
34
5
73
724.005
F-1566
433.110
725.032
334.008
730.002
710.570
731.010
730.001
328.003
FT-1403F
18,5
22
48,5
5
35,5
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791 (One
component 72 hour
rest time)

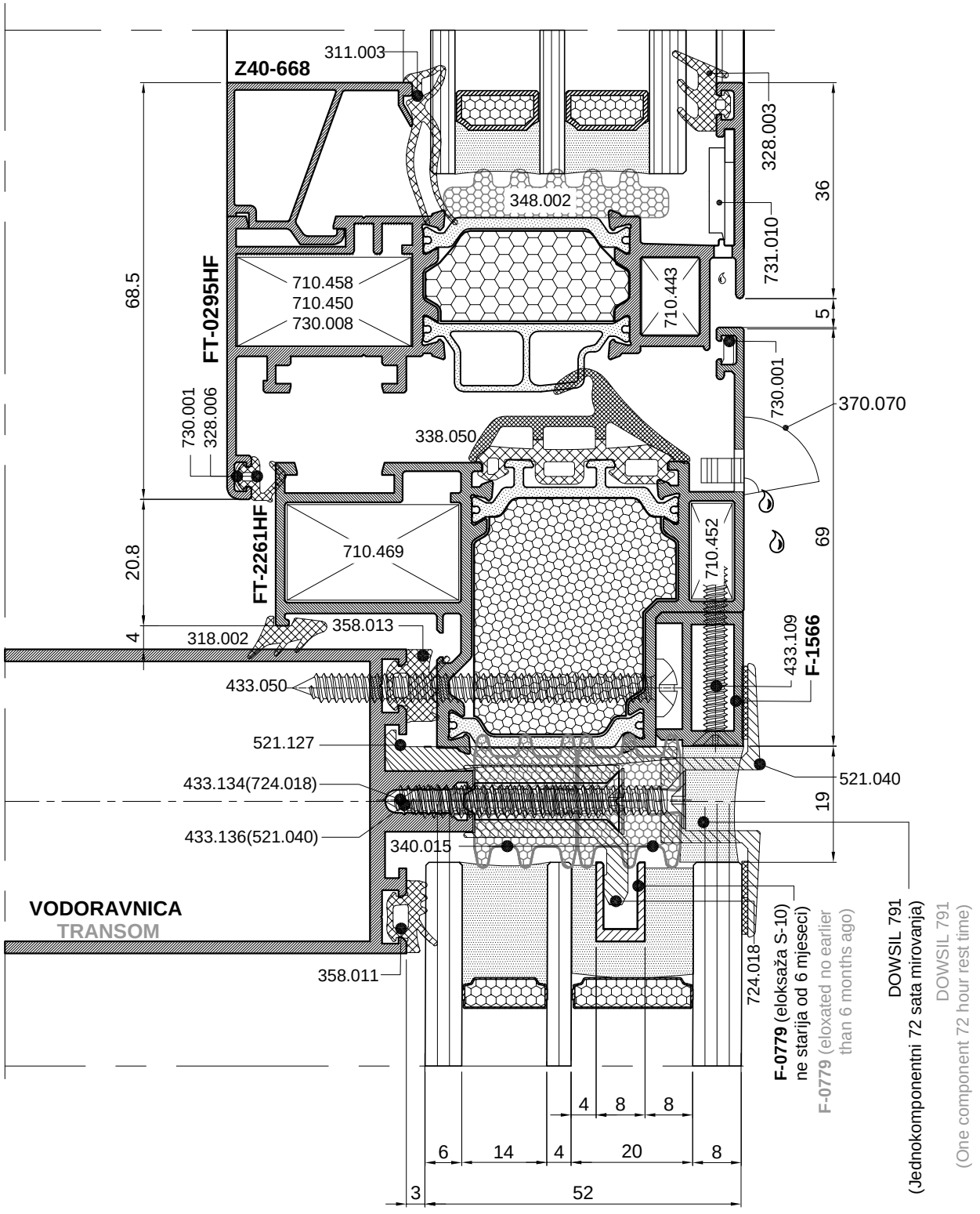


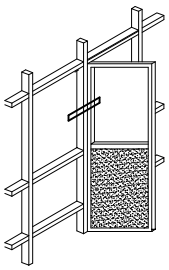

73
4
34
5
318.002
328.003
730.001
Z40-667
731.010
370.045
FT-1420F
35,5
710.570
710.571
5
730.002
FT-1403F
94,7
334.008
370.070
48,5
328.006
730.001
710.593
433.048
358.011
22,7
3,5
725.032
318.015
F-1566
433.110
521.005
521.040
433.132
(724.005)
9,8
10
433.176 (521.040)
340.017
VODORAVNICA
TRANSOM
358.014
724.005
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791 (One component 72 hour rest time)
6
20
8
7
34



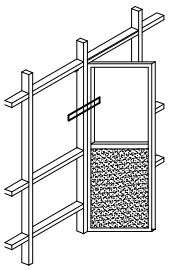

50
OKOMICA
MULLION
5
20.8
68.5
318.016
433.051
730.001
328.006
FT-0295HF
Z40-668
710.458
710.450
730.008
710.469
311.003
358.015
433.135
358.016
9
6
14
4
20
8
52
85
348.002
338.050
710.443
710.452
F-1566
FT-2261HF
730.001
731.010
328.003
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
340.015
433.109
433.050
22
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour rest time)
20
69
5
36



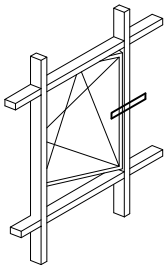

Z40-668
311.003
328.003
36
348.002
731.010
68.5
FT-0295HF
710.458
710.450
730.008
710.443
5
730.001
328.006
730.001
370.070
338.050
20.8
FT-2261HF
710.469
710.452
69
4
318.002
358.013
433.109
F-1566
433.050
521.127
433.134(724.018)
521.040
19
433.136(521.040)
340.015
VODORAVNICA
TRANSOM
358.011
724.018
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)
4
8
8
6
14
4
20
8
3
52

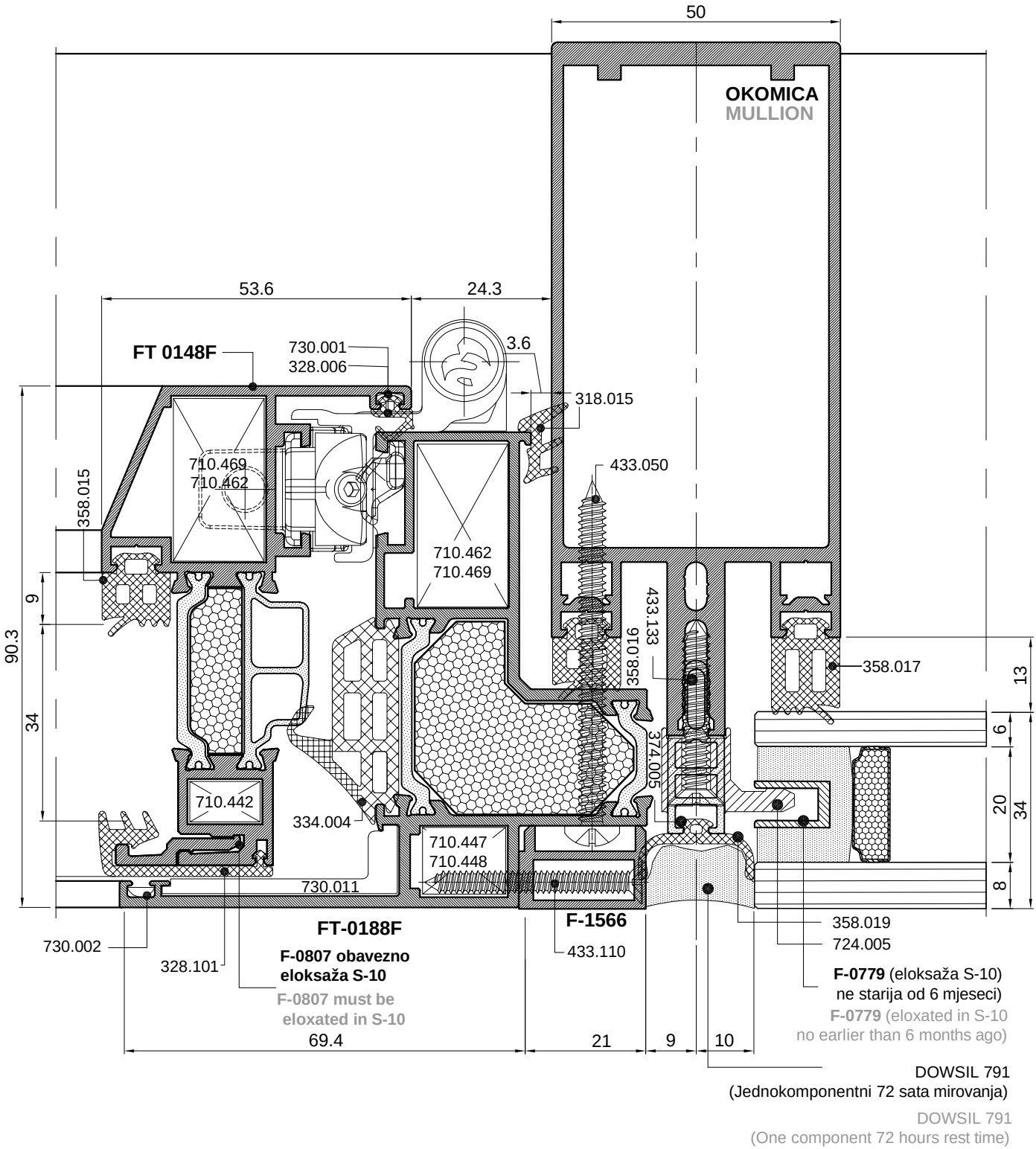


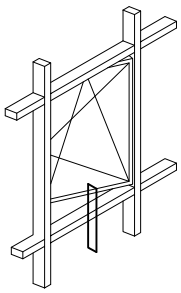
85
44
Z40-668
311.003
328.007
731.010
348.002
FT-0279HF
710.172
710.062
710.133
730.001
328.006
338.050
731.010
730.001
328.006
106
6
725.705
FT-2290HF
725.711
725.712
318.016
5
53.5
F-1564
433.134
433.109
358.016
50
20
433.135
340.015
OKOMICA
MULLION
724.018
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791 (Jednokomponentni 72 sata mirovanja)
DOWSIL 791 (One component 72 hour rest time)
358.015
4
8
6
6
14
4
18
8
9
50

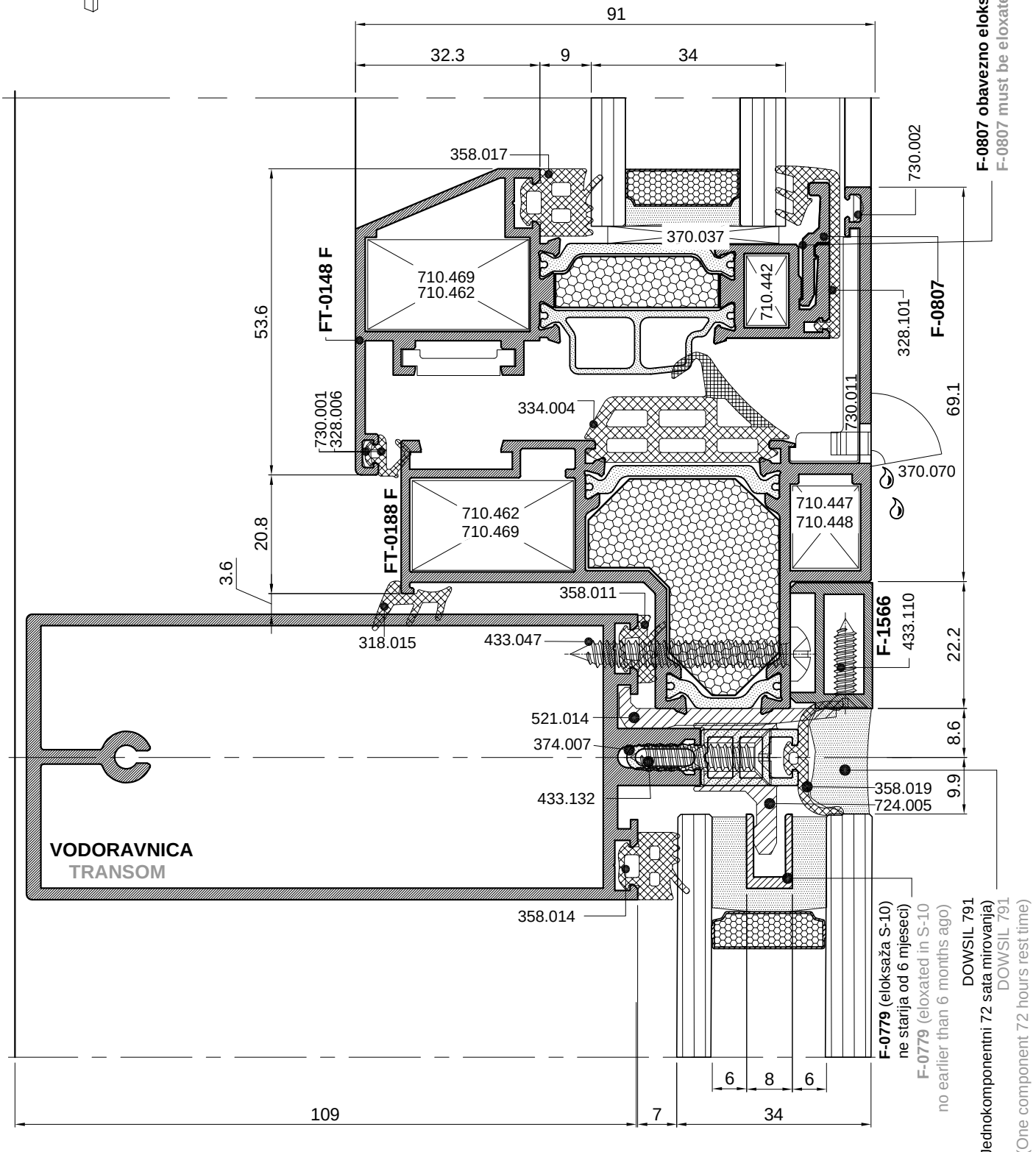


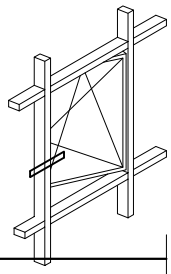
85
44
311.003
328.007
Z40-668
731.010
340.013
FT-0275HF
70.5
103.5
710.062
710.133
710.172
5
328.006
730.001
338.050
730.001
328.006
46.8
FT-2261HF
20.8
710.469
710.452
5
318.016
F-1566
433.109
22
433.051
358.015
50
20
433.135
340.015
OKOMICA
MULLION
724.018
358.015
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)
4
8
6
6
14
4
18
8
9
50

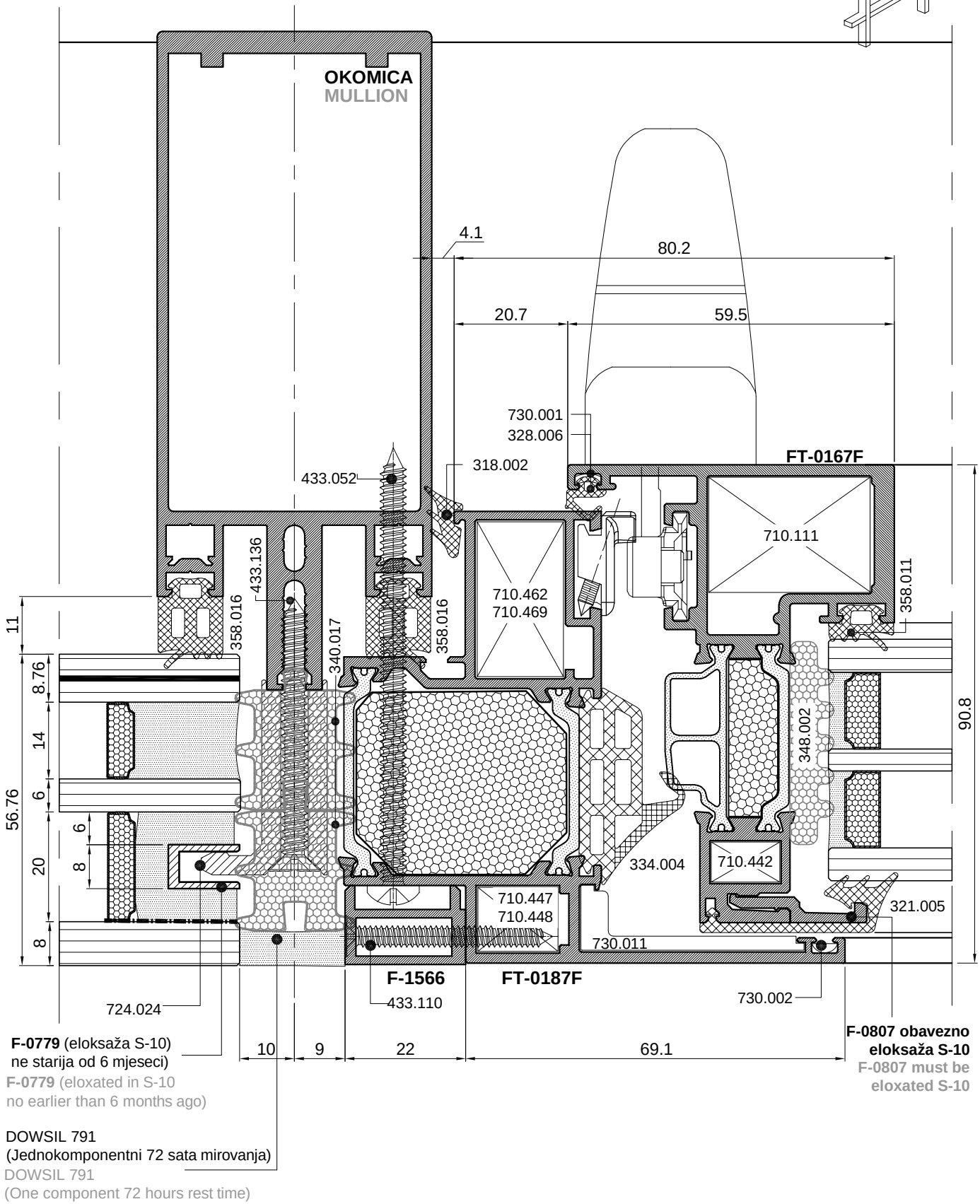


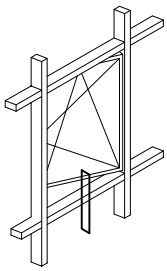

50
OKOMICA
MULLION
53.6
24.3
FT 0148F
730.001
328.006
3.6
318.015
433.050
710.469
710.462
358.015
710.462
710.469
433.133
910.385
358.017
90.3
9
34
13
6
20
34
8
374.005
710.442
334.004
710.447
710.448
730.011
730.002
328.101
FT-0188F
F-0807 obavezno eloksaža S-10
F-0807 must be eloxated in S-10
F-1566
433.110
358.019
724.005
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (eloxated in S-10 no earlier than 6 months ago)
69.4
21
9
10
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hours rest time)

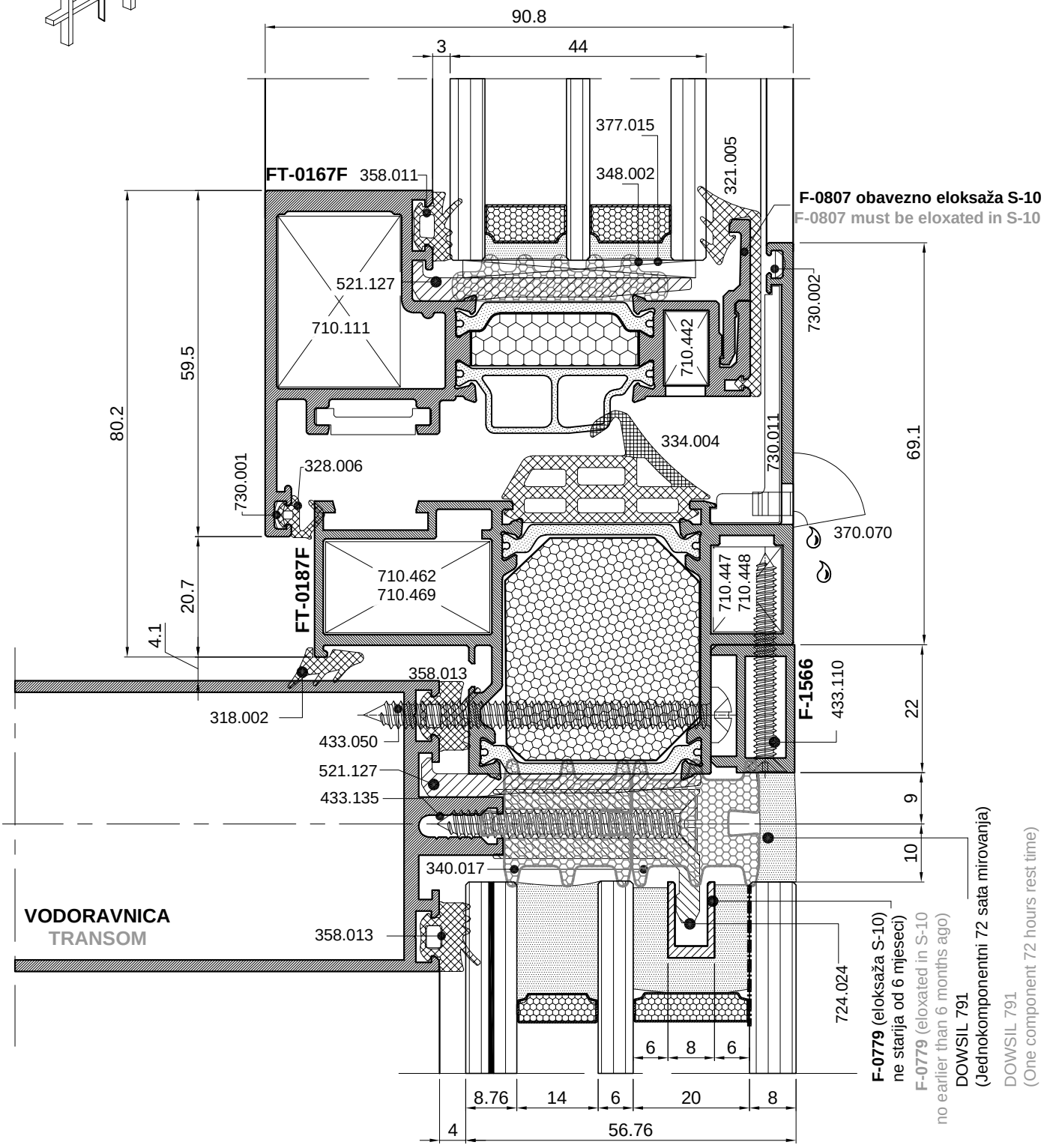


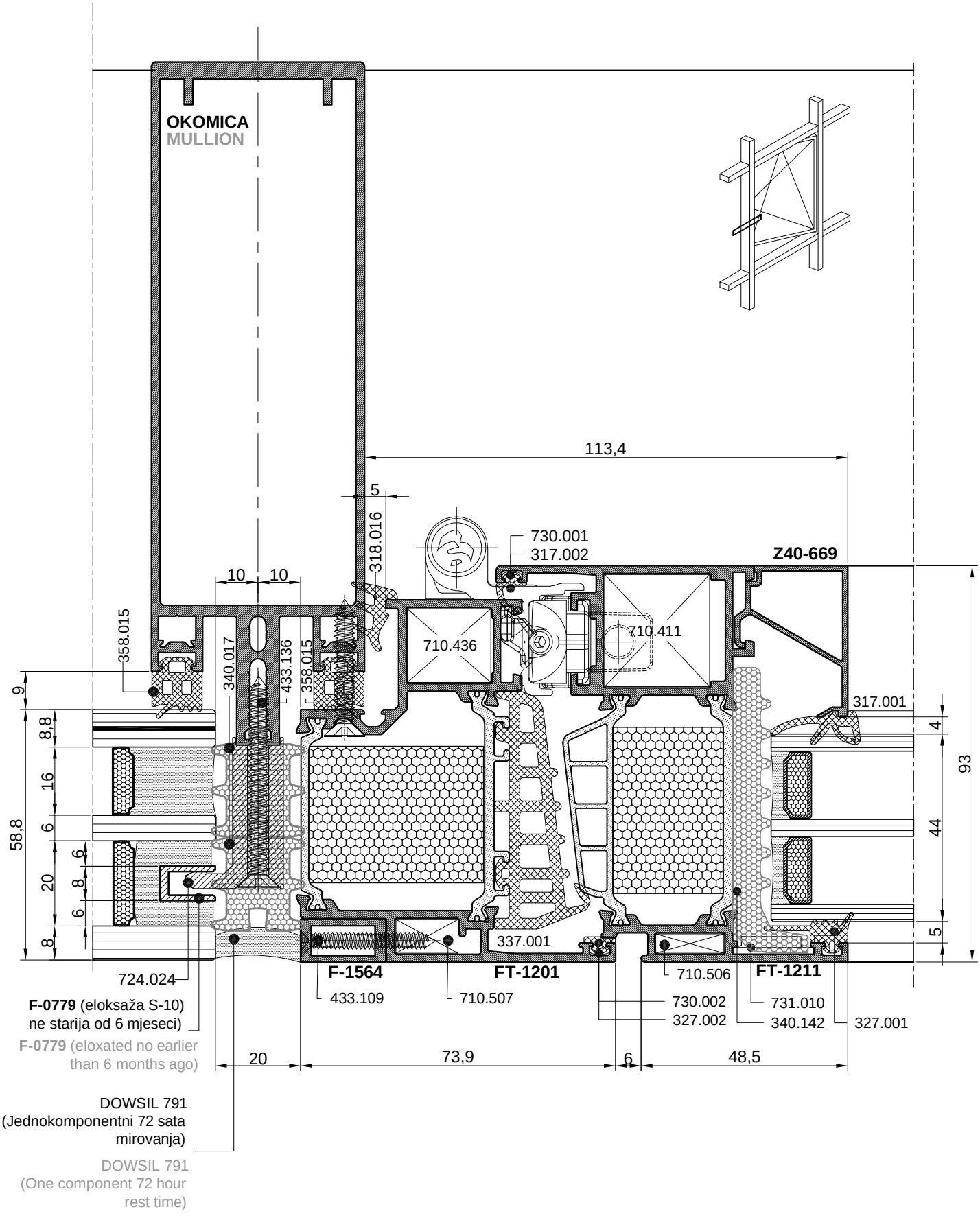

91
32.3
9
34
358.017
730.002
370.037
710.469
710.462
710.442
328.101
F-0807
F-0807 obavezno eloksaža S-10
F-0807 must be eloxated in S-10
FT-0148 F
53.6
730.001
328.006
334.004
730.011
69.1
370.070
710.462
710.469
710.447
710.448
FT-0188 F
20.8
3.6
358.011
318.015
433.047
F-1566
433.110
22.2
521.014
374.007
8.6
433.132
358.019
724.005
9.9
VODORAVNICA
TRANSOM
358.014
F-0779 (eloksaža S-10) ne starija od 6 mjeseci
F-0779 (eloxated in S-10 no earlier than 6 months ago)
DOWSIL 791 (Jednokomponentni 72 sata mirovanja)
DOWSIL 791 (One component 72 hours rest time)
6
8
6
109
7
34

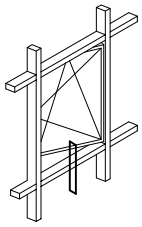


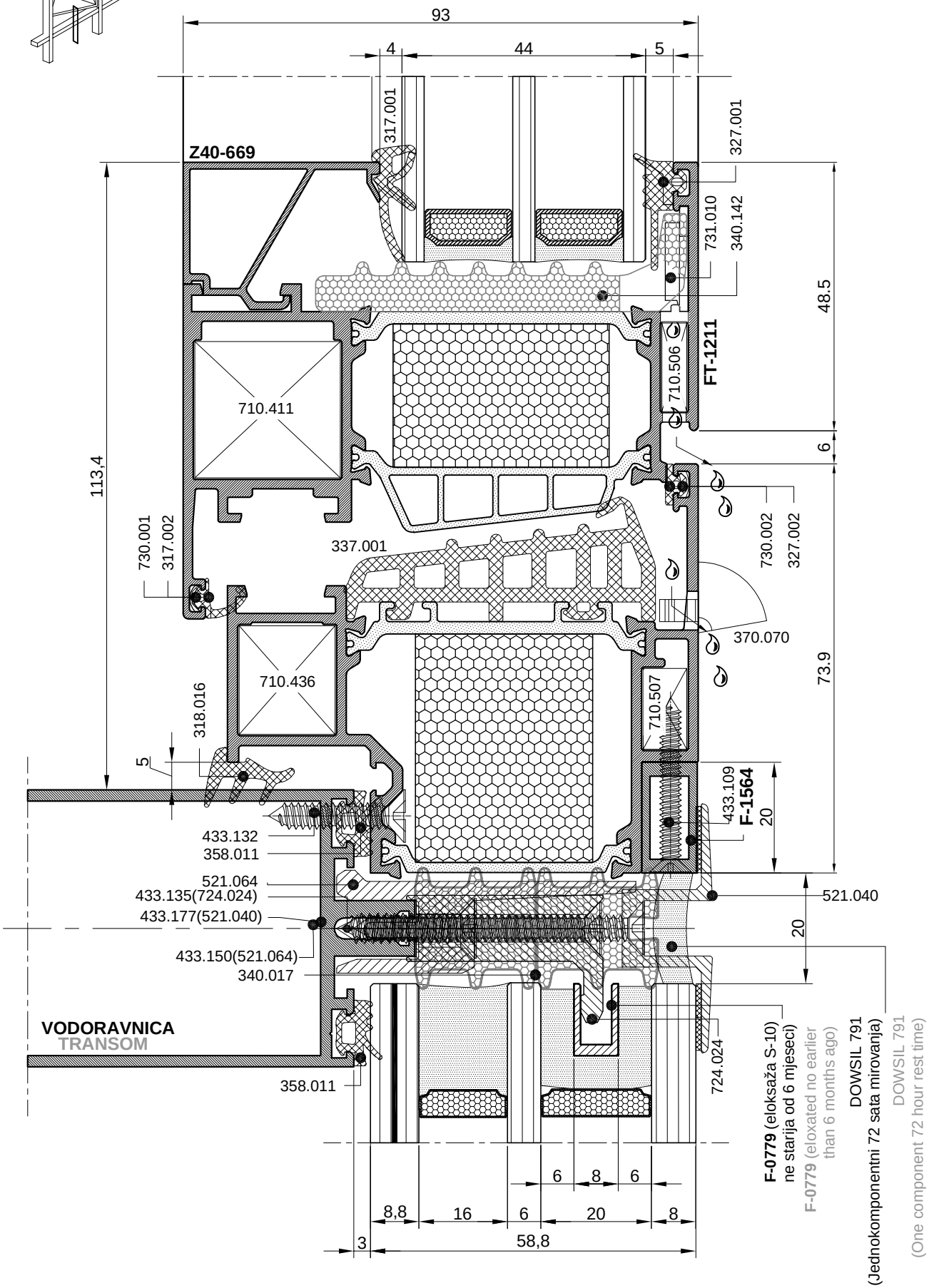

OKOMICA
MULLION
4.1
80.2
20.7
59.5
730.001
328.006
318.002
433.052
FT-0167F
710.111
710.462
710.469
358.011
433.136
358.016
340.017
358.016
348.002
90.8
56.76
11
8.76
14
6
6
8
20
8
334.004
710.442
710.447
710.448
321.005
730.011
F-1566
FT-0187F
433.110
730.002
724.024
10
9
22
69.1
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated in S-10
no earlier than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hours rest time)
F-0807 obavezno
eloksaža S-10
F-0807 must be
eloxated S-10

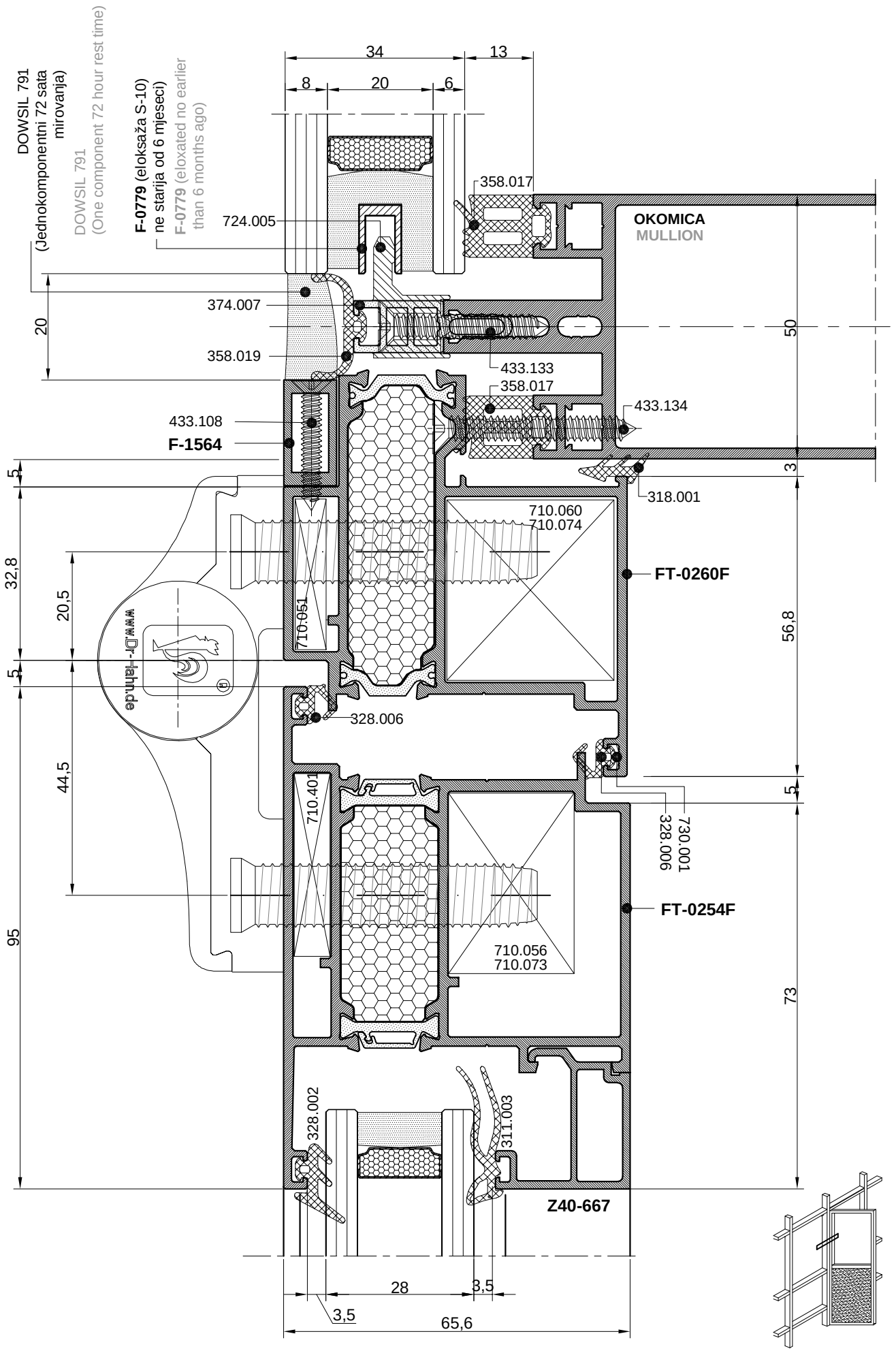


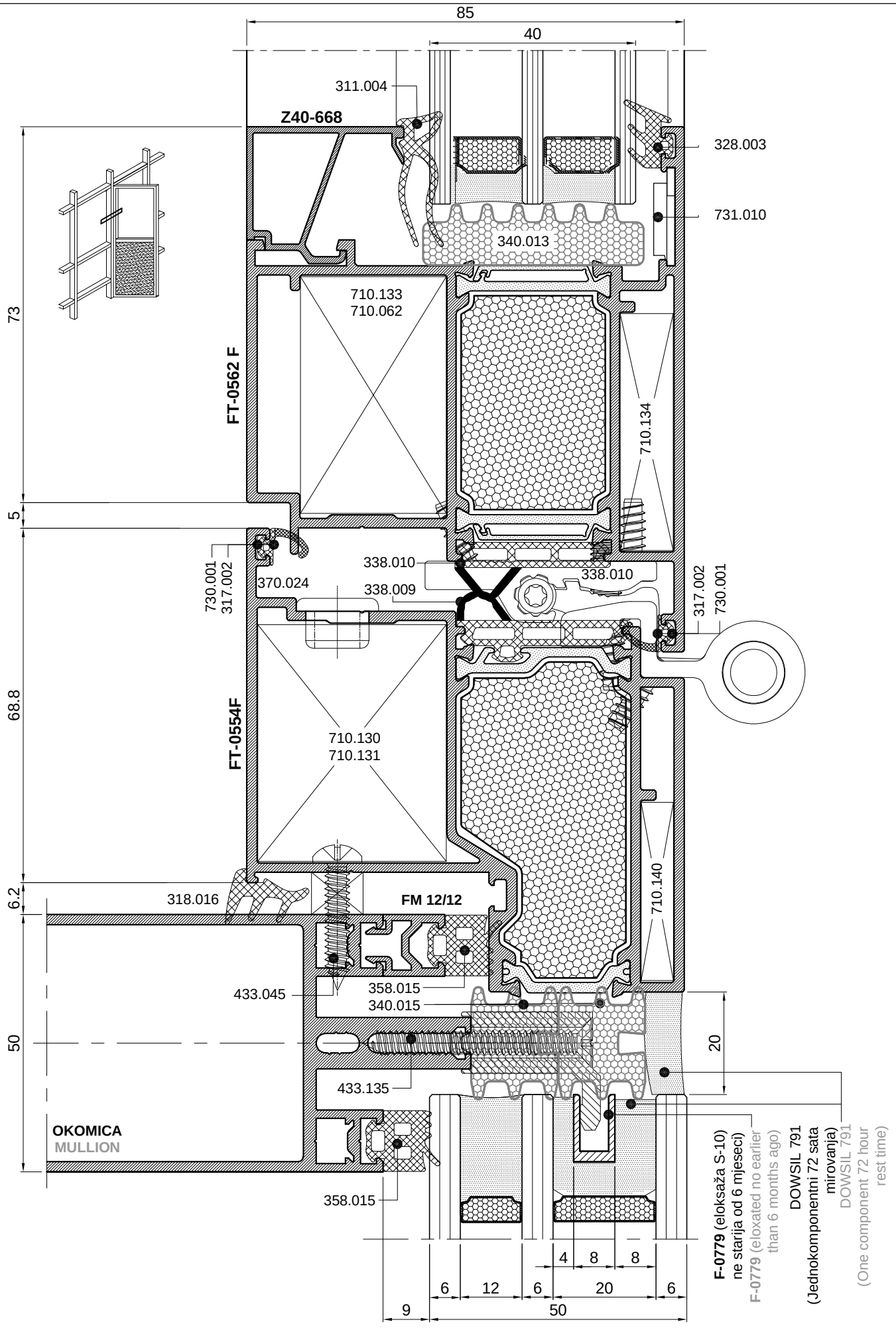

90.8
3
44
377.015
348.002
321.005
FT-0167F
358.011
F-0807 obavezno eloksaža S-10
F-0807 must be eloxated in S-10
521.127
710.111
710.442
730.002
59.5
80.2
334.004
730.011
69.1
730.001
328.006
370.070
FT-0187F
710.462
710.469
710.447
710.448
20.7
4.1
358.013
318.002
F-1566
433.110
22
433.050
521.127
433.135
9
10
340.017
VODORAVNICA
TRANSOM
358.013
724.024
F-0779 (eloksaža S-10) ne starija od 6 mjeseci
F-0779 (eloxated in S-10 no earlier than 6 months ago)
DOWSIL 791 (Jednokomponentni 72 sata mirovanja)
DOWSIL 791 (One component 72 hours rest time)
6
8
6
8.76
14
6
20
8
4
56.76

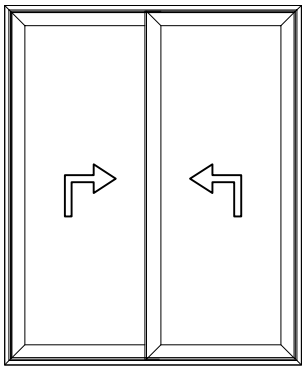

OKOMICA
MULLION
113,4
5
318.016
730.001
317.002
Z40-669
10
10
358.015
340.017
433.136
358.015
710.436
710.411
317.001
9
8,8
16
6
6
20
8
6
8
58,8
4
44
5
93
337.001
724.024
F-1564
FT-1201
710.506
FT-1211
433.109
710.507
730.002
327.002
731.010
340.142
327.001
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
20
73,9
6
48,5
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour
rest time)

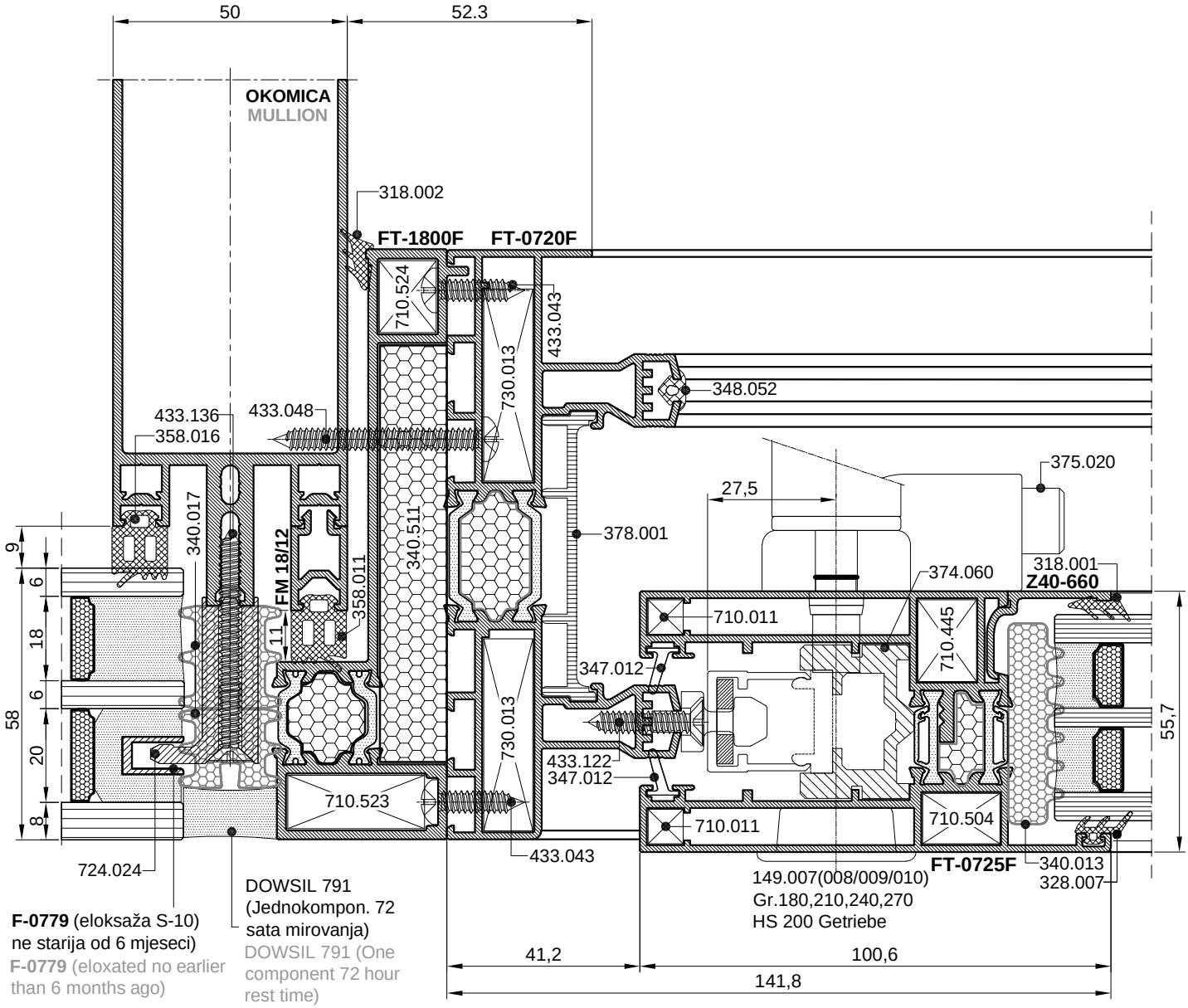


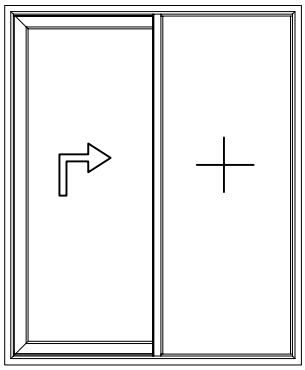

93
4
44
5
317.001
327.001
Z40-669
731.010
340.142
48.5
FT-1211
710.506
710.411
6
113,4
730.001
317.002
337.001
730.002
327.002
370.070
710.436
318.016
710.507
73.9
5
433.109
F-1564
20
433.132
358.011
521.064
433.135(724.024)
433.177(521.040)
521.040
20
433.150(521.064)
340.017
VODORAVNICA
TRANSOM
724.024
358.011
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)
6
8
6
8,8
16
6
20
8
3
58,8

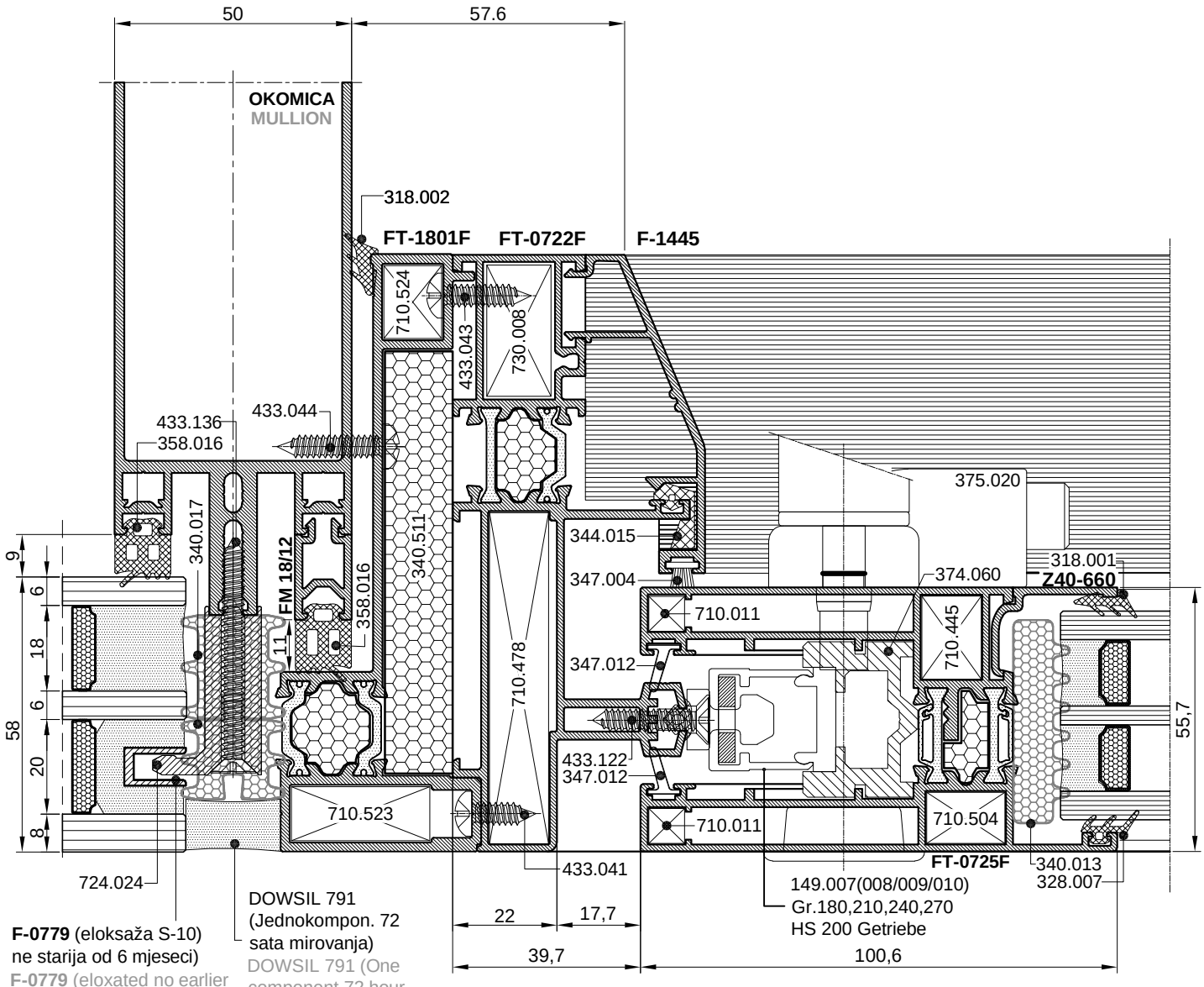

DOWSIL 791
(Jednokomponentni 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
34
13
8
20
6
358.017
724.005
OKOMICA
MULLION
374.007
358.019
433.133
358.017
433.134
433.108
F-1564
318.001
710.060
710.074
FT-0260F
710.051
328.006
710.401
730.001
328.006
FT-0254F
710.056
710.073
328.002
311.003
Z40-667
28
3,5
3,5
65,6
5
32,8
20,5
5
44,5
95
20
50
3
56,8
5
73
www.DI-Hahn.de

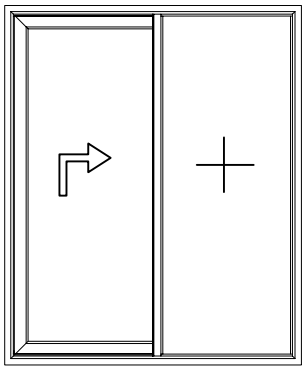

85
40
311.004
Z40-668
328.003
731.010
340.013
710.133
710.062
FT-0562 F
710.134
73
5
730.001
317.002
370.024
338.010
338.009
338.010
317.002
730.001
68.8
FT-0554F
710.130
710.131
710.140
6.2
318.016
FM 12/12
433.045
358.015
340.015
50
20
433.135
OKOMICA
MULLION
358.015
4
8
8
6
12
6
20
6
9
50
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour
rest time)



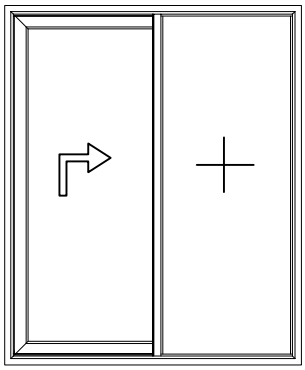

50
52.3
OKOMICA
MULLION
318.002
FT-1800F
FT-0720F
710.524
433.043
730.013
348.052
433.136
358.016
433.048
375.020
27,5
340.017
FM 18/12
340.511
358.011
378.001
374.060
318.001
Z40-660
710.011
710.445
347.012
730.013
433.122
347.012
710.523
710.011
710.504
433.043
724.024
FT-0725F
340.013
328.007
149.007(008/009/010)
Gr.180,210,240,270
HS 200 Getriebe
9
6
18
6
20
8
58
55,7
41,2
100,6
141,8
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokompon. 72
sata mirovanja)
DOWSIL 791 (One
component 72 hour
rest time)



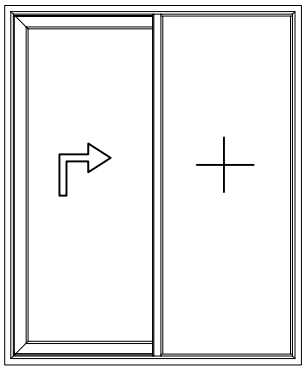

50
57.6
OKOMICA
MULLION
318.002
FT-1801F
FT-0722F
F-1445
710.524
730.008
433.043
433.136
358.016
433.044
340.017
FM 18/12
340.511
358.016
710.478
344.015
347.004
710.011
347.012
433.122
347.012
710.523
433.041
724.024
375.020
374.060
318.001
Z40-660
710.445
710.504
710.011
FT-0725F
340.013
328.007
149.007(008/009/010)
Gr.180,210,240,270
HS 200 Getriebe
9
6
18
6
20
8
58
55,7
22
17,7
39,7
100,6
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791
(Jednokompon. 72
sata mirovanja)
DOWSIL 791 (One component 72 hour rest time)

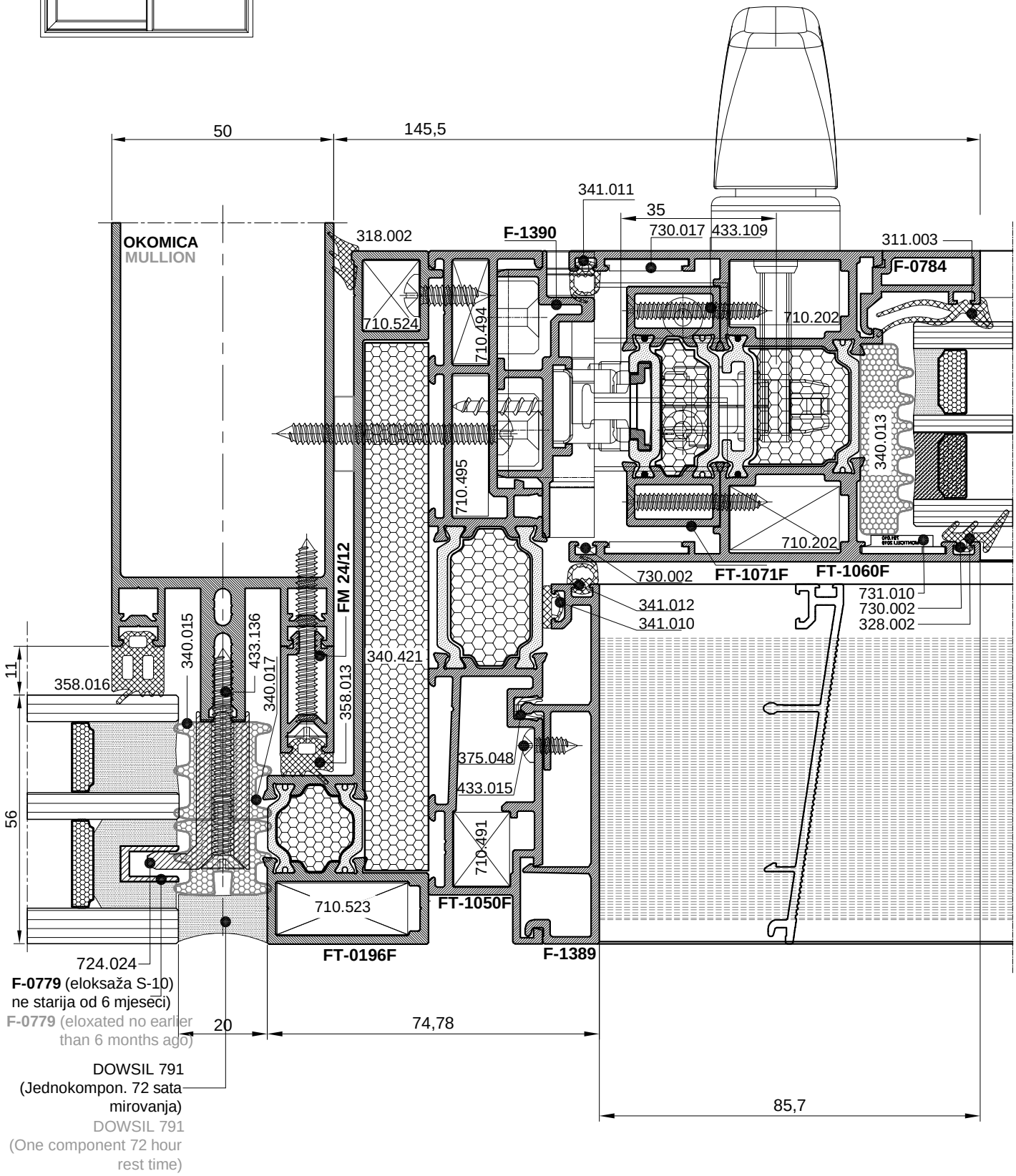


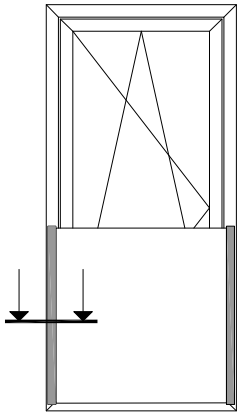
50
138.3
3
38
27.5
84
149.007(008/009/010)
podizno klizni mehanizam
Atrium HS 200
Gr.180,210,240,270
Lift & slide hardware
Atrium HS 330
Gr.180,210,240,270
OKOMICA
MULLION
FT-0194F
FT-1002
FT-1020
Z40-664
318.002
327.003
710.490
710.524
433.044
311.003
44
67
340.419
340.029
433.044
433.136
358.016
348.008
710.188
327.003
730.017
731.010
328.003
150
FM 12/12
340.017
358.016
372.003
340.029
363.043
433.044
710.523
9
6
18
6
20
8
58
724.024
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokompon. 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour
rest time)



F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
DOWSIL 791
(jednokompon. 72 sata mirovanja)
DOWSIL 791
(One component 72 hour rest time)




50
145,5
341.011
35
730.017
433.109
311.003
OKOMICA
MULLION
318.002
F-1390
F-0784
710.524
710.494
710.202
340.013
710.495
710.202
730.002
FT-1071F
FT-1060F
731.010
730.002
328.002
341.012
341.010
FM 24/12
340.015
433.136
340.017
358.013
340.421
11
358.016
56
375.048
433.015
710.491
710.523
FT-1050F
FT-0196F
F-1389
724.024
F-0779 (eloksaža S-10) ne starija od 6 mjeseci)
F-0779 (eloxated no earlier than 6 months ago)
20
74,78
DOWSIL 791 (Jednokompon. 72 sata mirovanja)
DOWSIL 791 (One component 72 hour rest time)
85,7



50
OKOMICA
MULLION
5
20.8
68.5
318.016
433.051
730.001
328.006
FT-0295HF
Z40-668
358.015
433.135
358.016
710.469
710.458
710.450
730.008
311.003
338.050
348.002
710.443
730.001
710.452
FT-2261HF
731.010
328.003
85
9
6
14
4
20
8
52
340.015
433.050
433.109
F-1566
340.055
F-0779 (eloksaža S-10)
ne starija od 6 mjeseci)
F-0779 (eloxated no earlier
than 6 months ago)
DOWSIL 791
(Jednokomponentni 72 sata
mirovanja)
DOWSIL 791
(One component 72 hour rest time)
20
318.015
(318.016 za staklo for glass 88.4)
433.052
PVC 20x4 mm
21.52
Staklo Glass 1010.4
F-0826
F-1569
328.007
(328.002 za staklo for glass 88.4)
50
TVG polukaljeno staklo-unutarnje
TVG semi toughened glass-inside
ESG kaljeno staklo-vanjsko
ESG toughened glass -outside

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Knjiga A / *Book A*

Travanj 2026 / April 2026

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