TEHNOMARKET TMF 55

TEHNOMARKET

Sistem aluminijumskih profila
za proizvodnju kontinualnih,polustrukturalnih
i strukturalnih fasada sa prekidom termičkog mosta

Aluminium profiles system
for continual, semi structural and structural
facades with thermal break

Sadržaj / Index

Sistem profila ALUMINIK TMH 45 čini grupa aluminijumskih profila projektovanih za izradu aluminijumskih ostakljenih fasada. Osnovni sistem sačinjen je od tri podsistema:

- ALUMINIK TMF C55. projektovan za izradu kontinualnih fasada
- ALUMINIK TMF S55. namenjen izradi polustrukturalnih fasada i
- ALUMINIK TMF ST55. namenjen izradi strukturalnih fasada

Primenjeni koncept omogućava dalji razvoj novih podsistema zasnovanih na istoj osnovi.

Profili ovog sistema ALUMINIK TMF 55 se dobijaju postupkom EKSTRUZIJE u pogonima "TEHNOMARKET"-a. Kao sirovina za izradu koriste se legure po AA standardu 6063 i 6060 (DIN standard AlMgSiO.5).

Sva tri podsistema imaju integrisan termički prekid. ALUMINIK TMF S55 ostvaruje termički prekid trakama od poliamida Pa 6.6 sa 25% staklenih vlakana.

Sastav i mehanička svojstva poliamidnih traka su atestirana. Sila smicanja spoljnog i unutrašnjeg aluminijumskog profila koje povezuje poliamidna traka kontroliše se na digitalnom uređaju za ispitivanje. Ovakvom konstrukcijom obezbeđena su odlična TERMOizolaciona svojstva.

Fasade ALUMINIK TMF 55 imaju integrisane sisteme za ventiliranje i drenažu tako da je potpuno isključena mogiućnost pregrevanja fasade u letnjim mesecima ili prodor atmosferske vode.

Zaptivanje između rama i krila obezbeđuju E.P.D.M. zaptivke otporne na starenje i uticaj ultraljubičastih zraka.

Površinska obrada profila može biti anodna oksidacija (eloksaža), debljine oksidnog sloja minimalno 15μm. Drugi postupak površinske obrade profila je elektrostatska pulverizacija (plastifikacija) debljine sloja do 70μm. Površinska obrada spoljnog i unutrašnjeg dela profila može biti u različitoj boji.

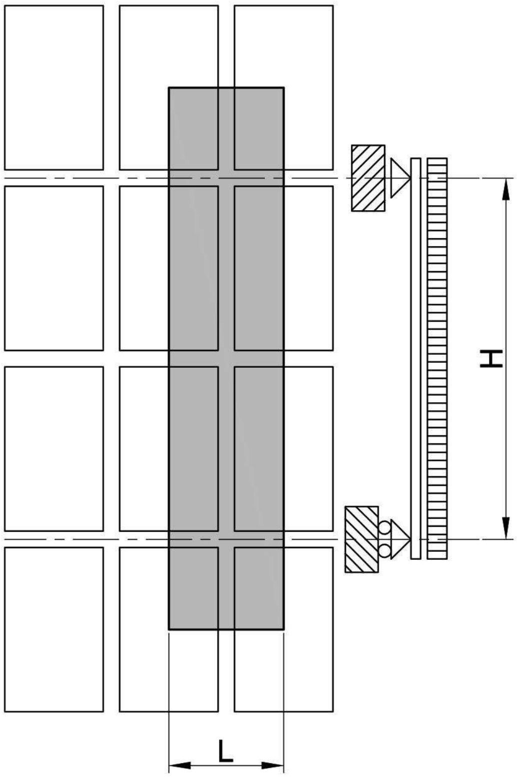
TEHNICAL DESCRIPTION

ALUMINIK TMF 55 is full set of thermally insulated aluminium profiles and accessories for structural, semystructural and continual hanged facades manufacturing.

Polyamide strips Pa 6.6 with minimum 25% of glass fibers perform thermal break. Extruded profiles are of AA6060 or AA6063 Primary Aluminium alloy with Tensile strenght s=220 N/m^2. Gaskets and sealant are UV resistant E.P.D.M.

If applied with Low Emissivity Glassing with Ug=1.4 W/m^2K.

This system is featured for manufacturing in small and medium workshops.We can deliver the profiles cut-to lenght wich enables better optimization and cost effectiveproduction of the facades.



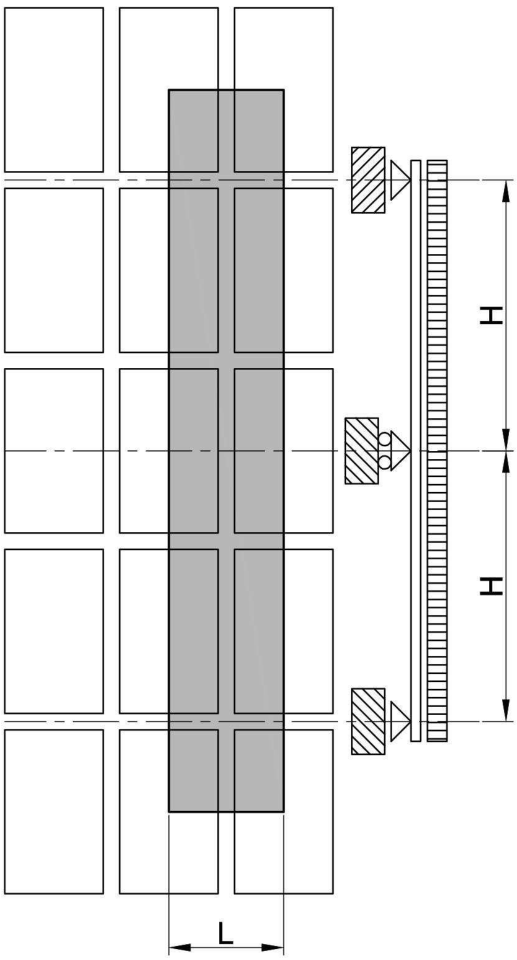
MONTAŽA SA OSLONCEM U DVE TAČKE
Two point support

$$f\ max = \frac{5}{384} \times \frac{qLH^4}{EI} \leq f\ doz.$$

$$\sigma\ max = \frac{1}{8} \times \frac{qLH^2}{W} \leq \sigma\ doz.$$

H	VERTIKALNI MEĐUOSOVINSKI RASPON *Axial spacing - vertical*	cm
L	HORIZONTALNI MEĐUOSOVINSKI RASPON *Axial spacing - horizontal*	cm
q	OPTEREĆENJE *loading*	N/cm^2
E	MODUL ELASTIČNOSTI ALUMINIJUMA, *Aluminium modulus of elasticity*	7000000 N/cm^2
I	MOMENT INERCIJE *Moment of inertia*	cm^4
W	OTPORNI MOMENT *Modulus of section*	cm^3

f max	MAKSIMALNI UGIB *Max. deflection*	cm
σ max	MAKSIMALAN NAPON *Max. pressure*	N/cm^2
f doz.	MAKSIMALNI DOZVOLJENI UGIB *Max. alowed deflection*	cm
σ doz.	MAKSIMALAN DOZVOLJENI NAPON *Max. alowed pressure*	N/cm^2

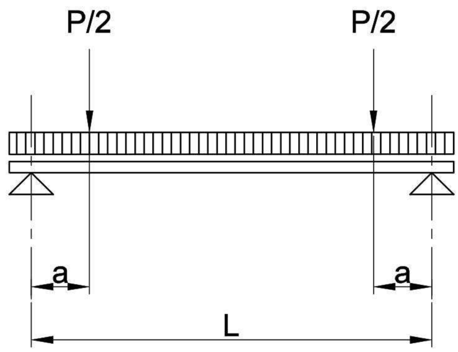


MONTAŽA SA OSLONCEM U TRI TAČKE
Three point support

$$f\ max = \frac{2}{369} \times \frac{qLH^4}{EJ} \leq f\ doz.$$

$$s\ max = \frac{1}{8} \times \frac{qLH^2}{W} \leq \sigma\ doz.$$

MONTAŽA SA OSLONCEM U DVE TAČKE
Two point support



$$f\ max = \frac{Pa}{24EI} \times (3L^2 - 4a^2) \leq f\ doz.$$

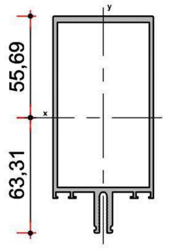
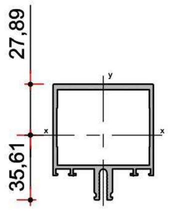
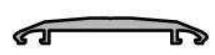
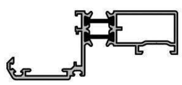
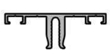
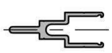
$$\sigma\ max = \frac{Pa}{W} \leq \sigma\ doz.$$

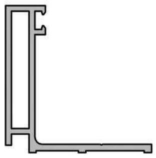
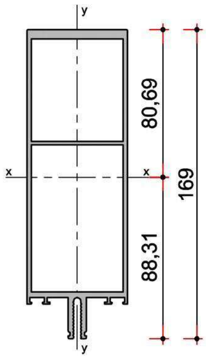
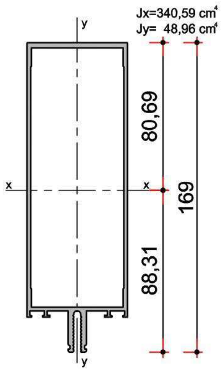
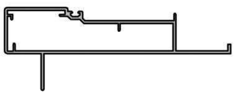
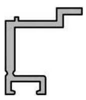
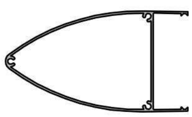
a -usvojeno 150mm (pozicija PA pakne za oslonac stakla)

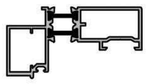
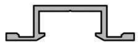
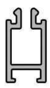
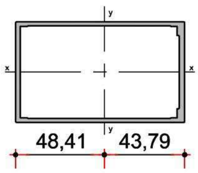
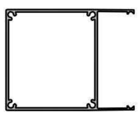
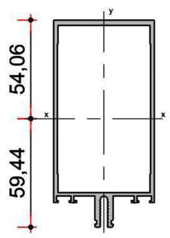
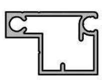
a- adopted 150mm (position of PA strip for panel)

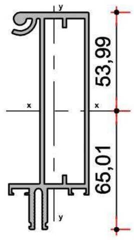
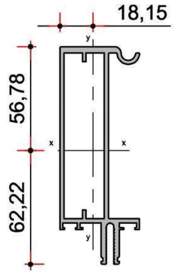
a	DISTANCA POZICIJE PA PAKNE *Posicion of PA strip*	cm
L	RAZMAK OSLONACA *Support distance*	cm
P	MASA ISPUNE *Panel mass*	N
E	MODUL ELASTIČNOSTI ALUMINIJUMA *Aluminium modulus of elasticity*	7000000 N/cm^2
I	MOMENT INERCIJE *Moment of inertia*	cm^4
W	OTPORNI MOMENT *Modulus of section*	cm^3

f max	MAKSIMALNI UGIB *Max. deflection*	cm
σ max	MAKSIMALAN NAPON *Max. pressure*	N/cm^2
f doz.	MAKSIMALNI DOZVOLJENI UGIB *Max. alowed deflection*	cm
σ doz.	MAKSIMALAN DOZVOLJENI NAPON *Max. alowed pressure*	N/cm^2

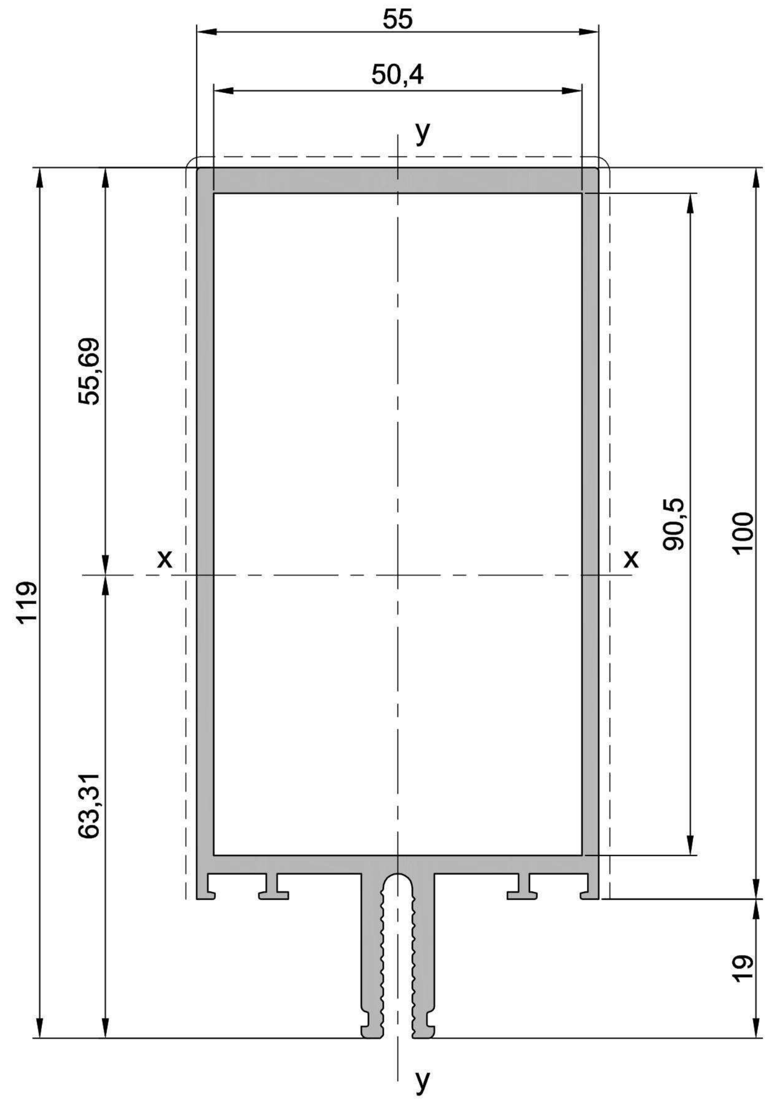
OZNAKA *Code*	PROFIL *Section*		MASA *Weight* (Kg/m')	OPIS *Description*
TMF1		$S=9{,}03\ cm^2$ $J_x=147{,}83\ cm^4$ $J_y=38{,}72\ cm^4$	2,482	Stub *Column*
TMF2		$S=5{,}77\ cm^2$ $J_x=26{,}2\ cm^4$ $J_y=20{,}8\ cm^4$	1,588	Prečka *Rail*
TMF3			0,430	Podkapa *Undercap*
TMF4			0,264	Kapa *Cap*
TMF5			0,238	Kapa *Cap*
TMF6			1,298	Krilo *Sash*
TMF7			0,553	Prečka *Rail*
TMF8			0,651	Dodatni profil *Additional profile*

OZNAKA *Code*	PROFIL *Section*	MASA *Weight* (Kg/m')	OPIS *Description*
TMF9		0,580	Profil rama *Frame profil*
TMF10	 $S=13,24\ cm^2$ $Jx=430,97\ cm^4$ $Jy=58,75\ cm^4$	3,641	Stub *Column*
TMF11	 $S=10,10\ cm^2$ $Jx=340,59\ cm^4$ $Jy=48,96\ cm^4$	2,776	Stub *Column*
TMF12		1,239	Završni profil *Ending profile*
TMF13		0,291	Dodatni profil *Additional profile*
TMF15		0,931	Kapa *Cap*

OZNAKA *Code*	PROFIL *Section*		MASA *Weight* (Kg/m')	OPIS *Description*
TMF16			1,233	Krilo *Sash*
TMF17			0,216	Kapa *Cap*
TMF18			0,215	Dodatni profil *Additional profile*
TMF19		$S=7{,}01\ cm^2$ $J_x=35{,}15\ cm^4$ $J_y=87{,}04\ cm^4$	1,928	Dodatna prečka *Additional rail*
TMF20			0,848	Kapa *Cap*
TMF21		$S=7{,}77\ cm^2$ $J_x=123{,}5\ cm^4$ $J_y=34{,}9\ cm^4$	2,138	Prečka *Rail*
TMF22			0,170	Dodatni profil *Additional profile*
TM44			0,278	Distancer *Distance profile*

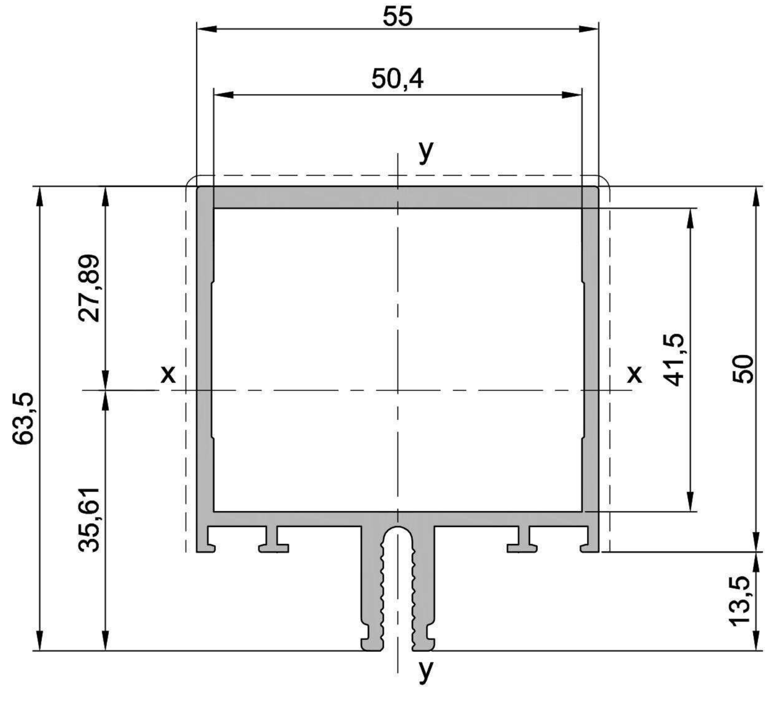
OZNAKA *Code*	PROFIL *Section*		MASA *Weight* (Kg/m')	OPIS *Description*
TMF23		S=8,92 cm^2 Jx=143,58 cm^4 Jy=14,63 cm^4	2,452	Stub *Column*
TMF24		S=8,44 cm^2 Jx=131,34 cm^4 Jy=13,41 cm^4	2,32	Stub *Column*
TMF27			0,209	Kapa *Cap*

R 1:1



TMF1
2,482 kg/m'

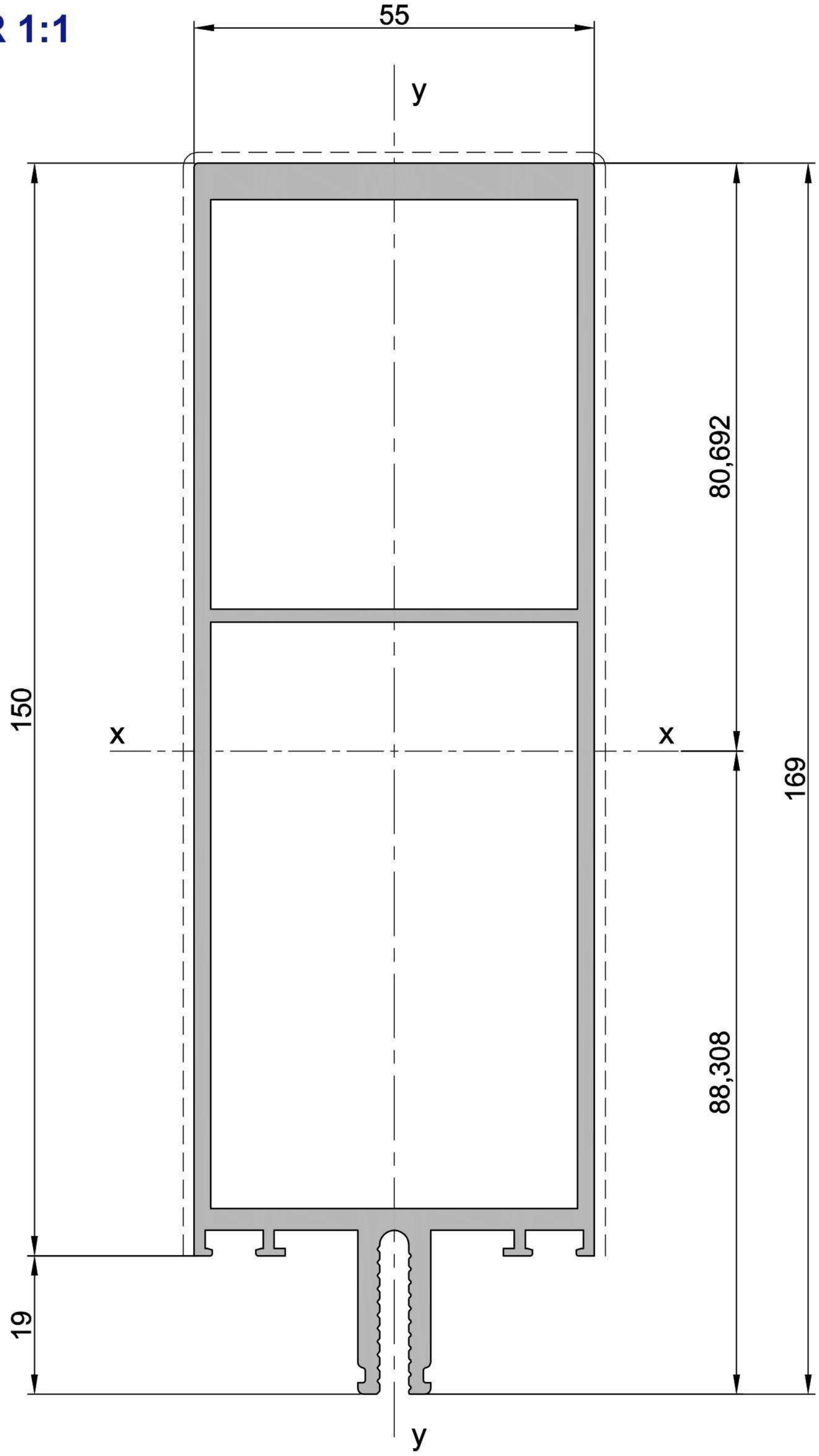
S =9,03 cm^2
Jx =147,83 cm^4
Jy = 38,72 cm^4



TMF2
1,588 kg/m'

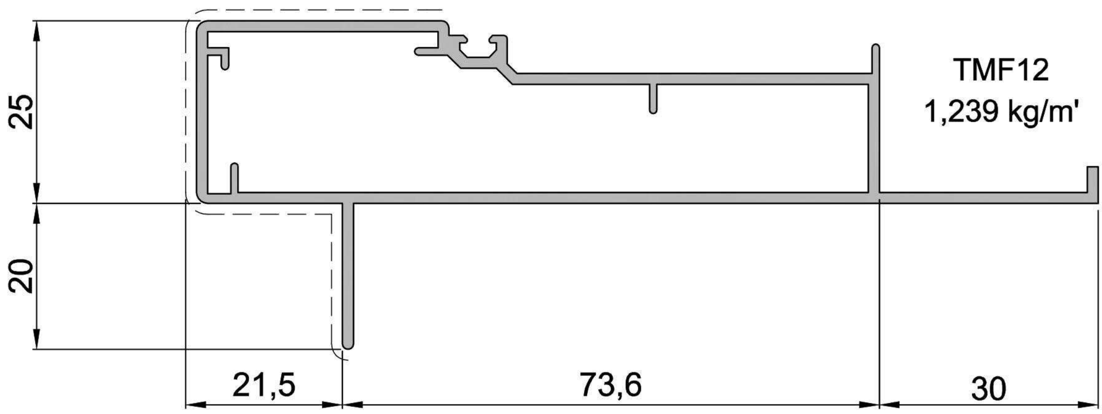
S =5,77 cm^2
Jx = 26,2 cm^4
Jy = 20,8 cm^4

R 1:1



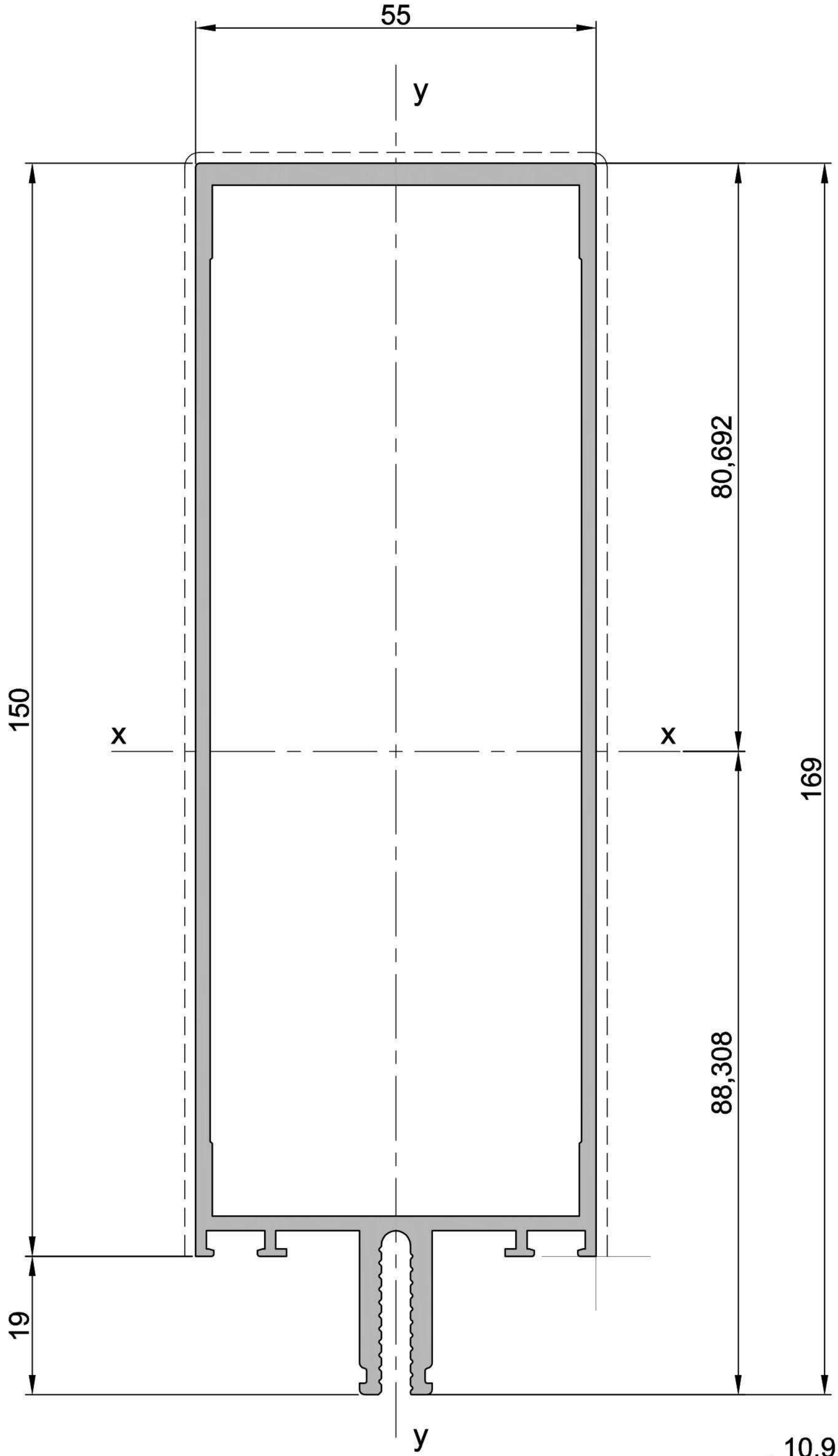
TMF10
3,641 kg/m'

S=13,24 cm^2
Jx=430,97 cm^4
Jy=58,75 cm^4



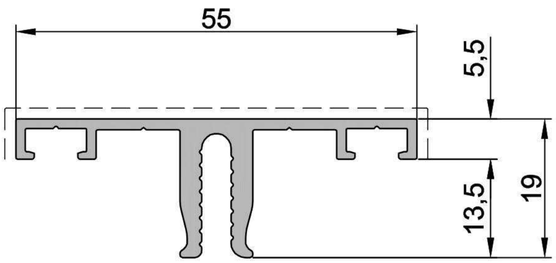
TMF12
1,239 kg/m'

R 1:1

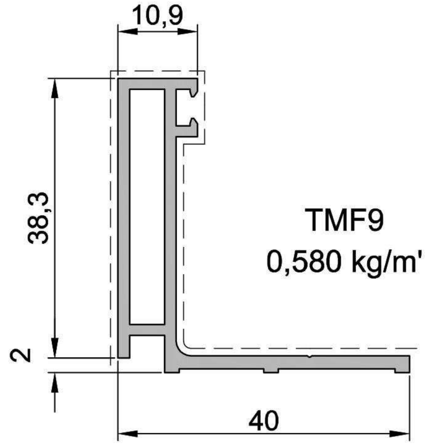


TMF11
2,776 kg/m'

S=10,10 cm^2
Jx=340,59 cm^4
Jy=48,96 cm^4

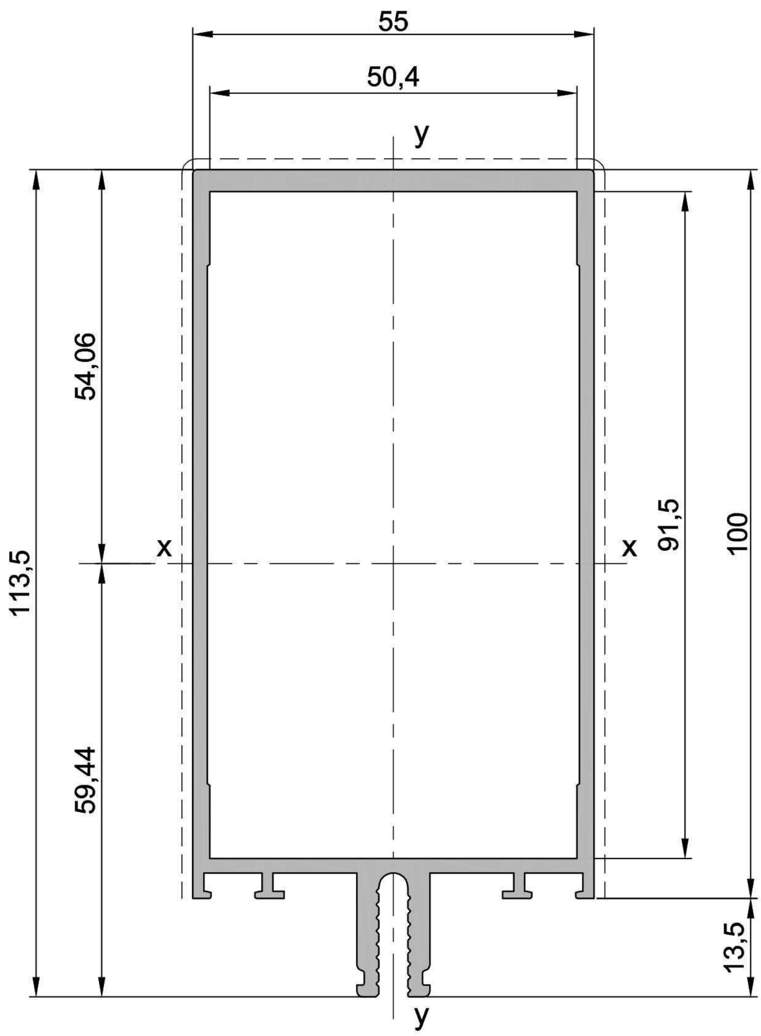


TMF7
0,553 kg/m'



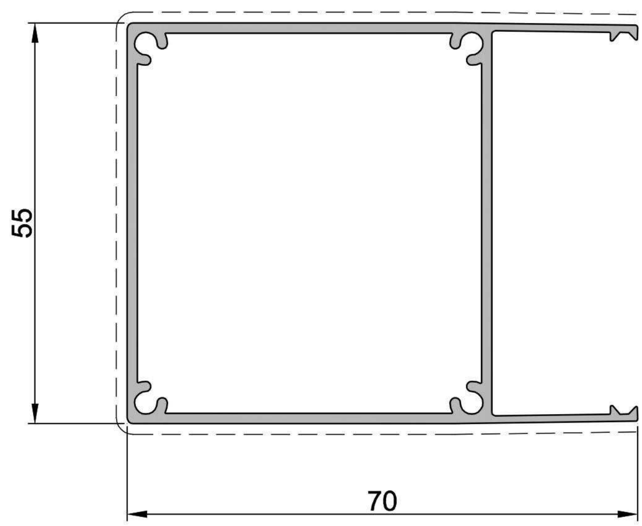
TMF9
0,580 kg/m'

R 1:1



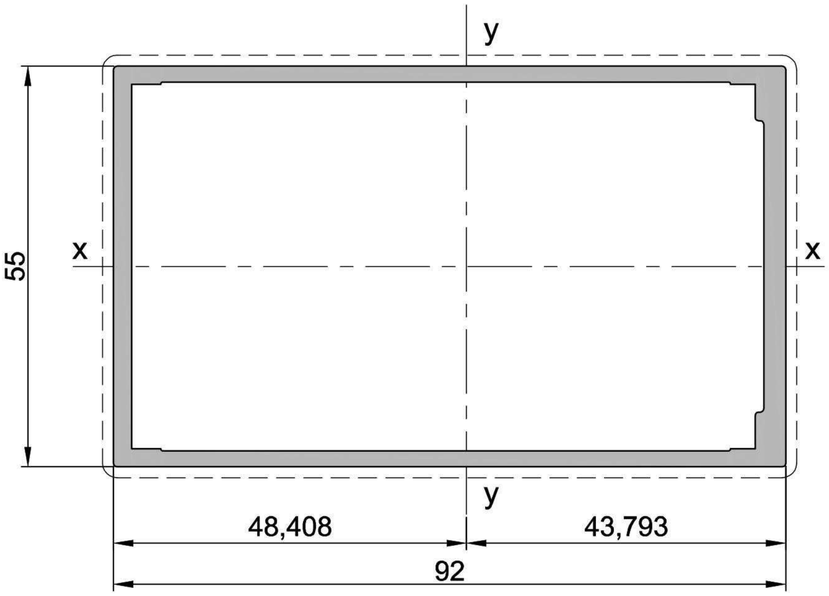
TMF21
2,138 kg/m'

S =7,77 cm^2
Jx = 123,5 cm^4
Jy = 34,9 cm^4



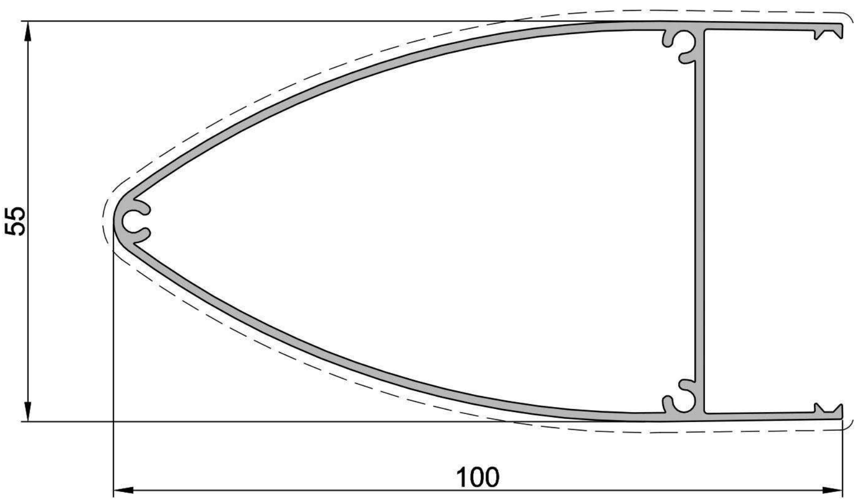
TMF20
0,848 kg/m'

R 1:1

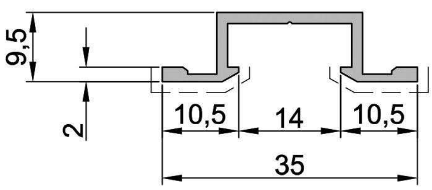


TMF19
1,928 kg/m'

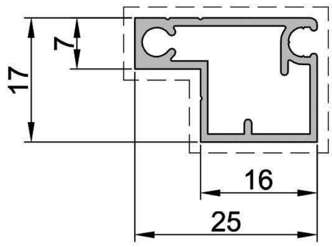
$S=7{,}01\ cm^2$
$Jx=35{,}15\ cm^4$
$Jy=87{,}04\ cm^4$



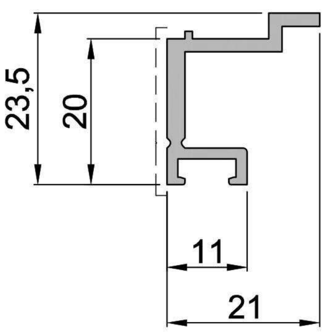
TMF15
0,931 kg/m'



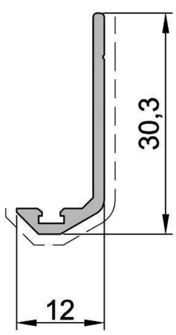
TMF17
0,216 kg/m'



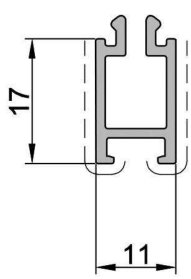
TM44
0,278 kg/m'



TMF13
0,291 kg/m'

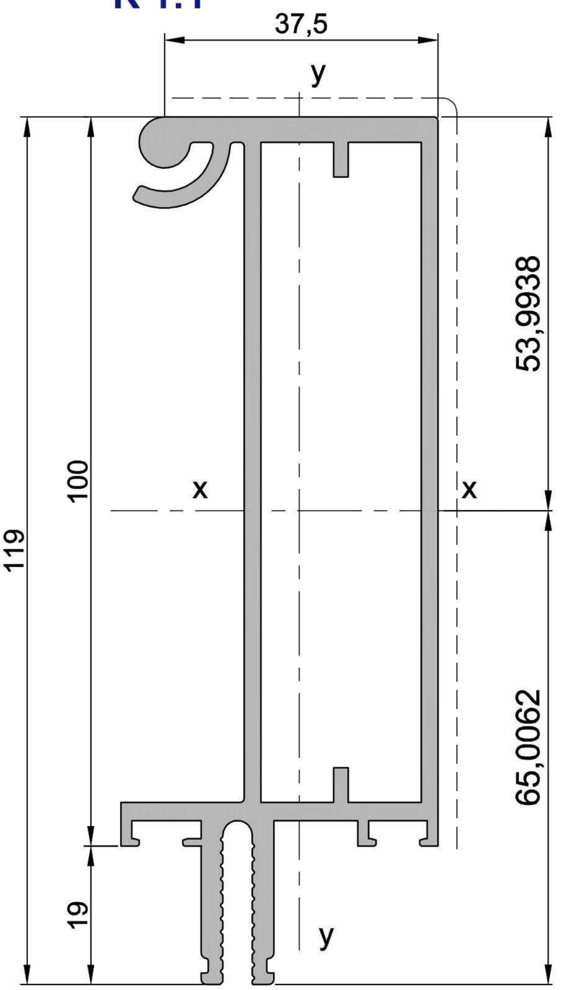


TMF22
0,170 kg/m'



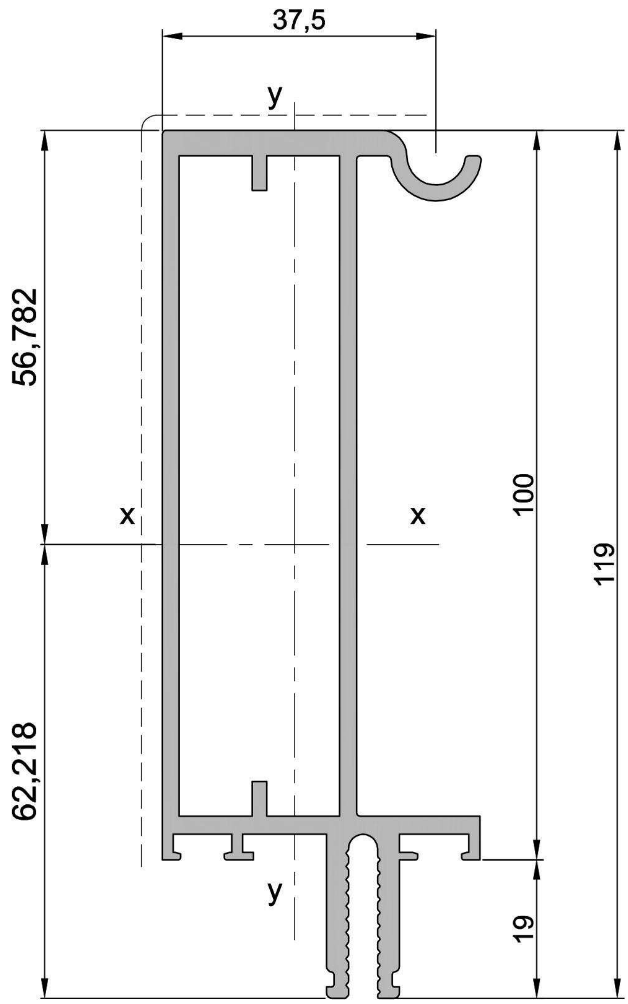
TMF18
0,215 kg/m'

R 1:1



TMF23
2,452 kg/m'

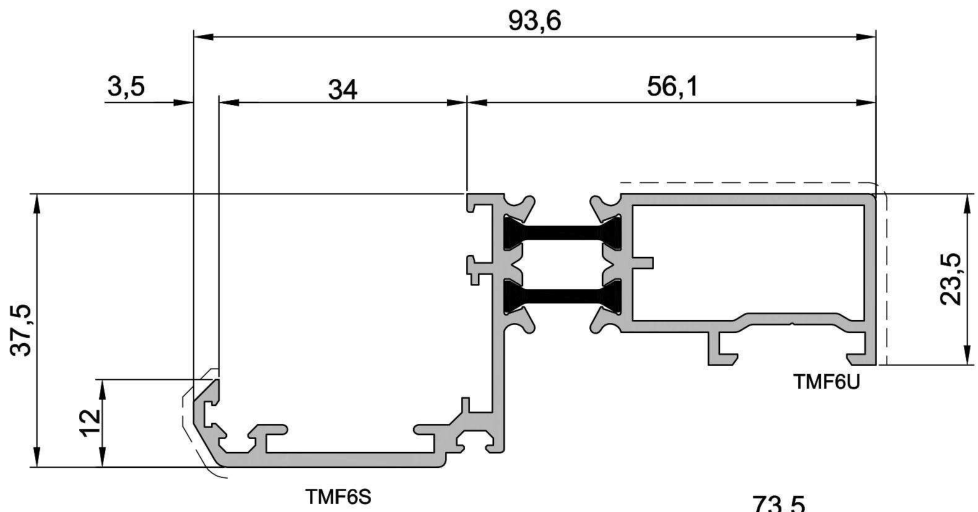
S=8,92 cm^2
Jx=143,58 cm^4
Jy=14,63 cm^4



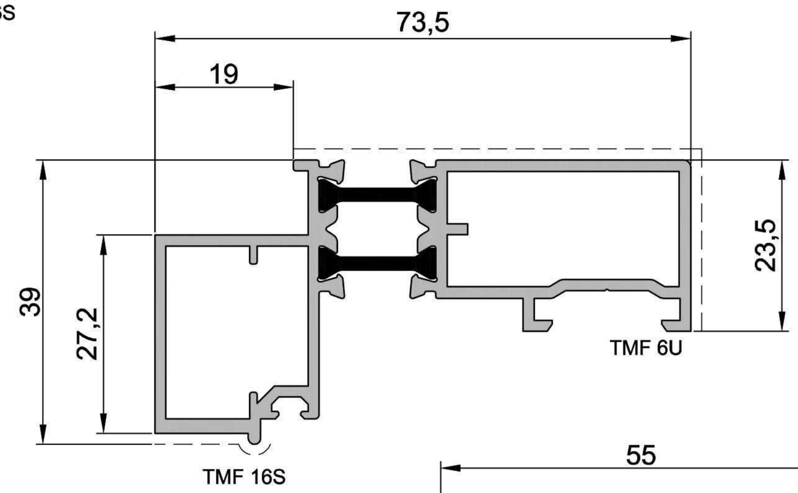
TMF24
2,32 kg/m'

S=8,44 cm^2
Jx=131,34 cm^4
Jy=13,41 cm^4

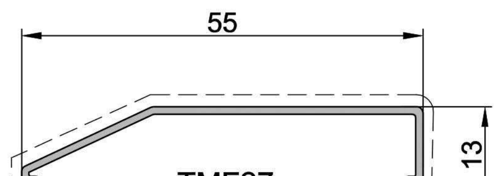
R 1:1



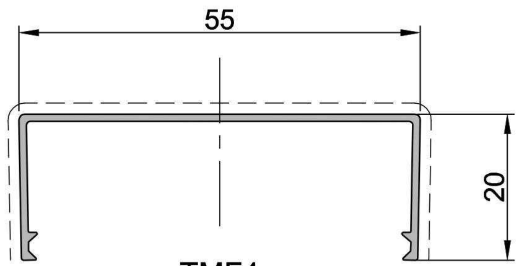
TMF6
1,298 kg/m'



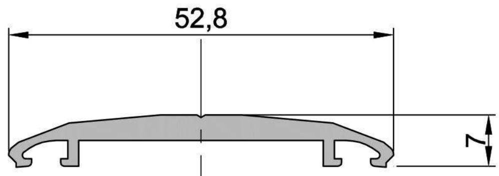
TMF16
1,233 kg/m'



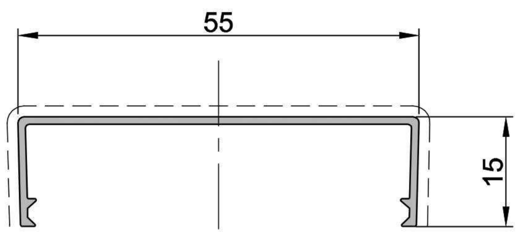
TMF27
0,209 kg/m'



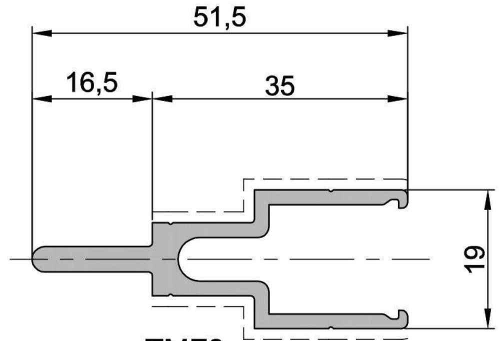
TMF4
0,264 kg/m'



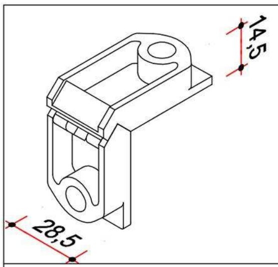
TMF3
0,430 kg/m'



TMF5
0,238 kg/m'



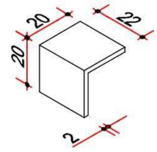
TMF8
0,651kg/m'



Al. ugaona patent spojnica
Corner cleat

Artikal : TMA2

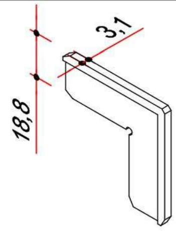
Za : krilo TMF6; krilo TMF16;TMF12



Al. ugaona spojnica
Corner cleat

Artikal : TMFA1

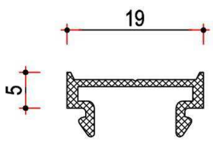
Za : krilo TMF6



PA ugaona spojnica
PA corner cleat

Artikal : TMP1

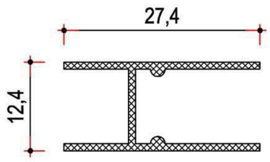
Za : krilo TMF6;TMF12



Poliamidni profil L=3,0 m
Polyamide profile

Artikal : TMFP2

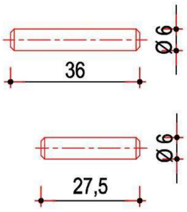
Za : produžetak TMF8



PA profil L=3,0m
PA profile

Artikal : TMFP4

Za profil stuba i prečke u TMFC55



Čelična osovina
Steel rod

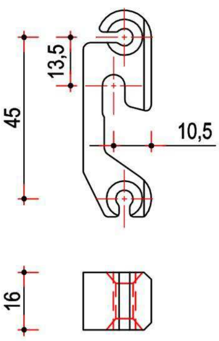
Artikal : TMFS1

Artikal : TMFS2

Za kačenje fiksnih krila u TMFS/SI/ST55

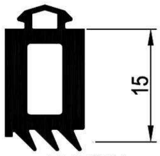
Aluminijumski nosač krila
Aluminium sash holder

Artikal : TMFA14

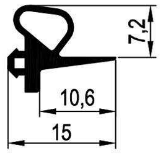


Za : fik. krilo TMF6; fik.krilo TMF16

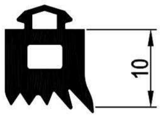
EPDM zaptivke
EPDM gaskets



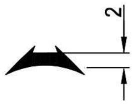
TMFG11



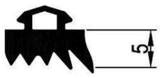
TMFG4



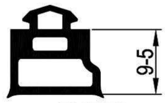
TMFG1



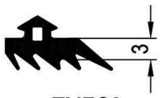
TMG4



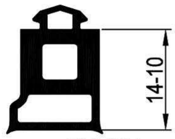
TMFG2



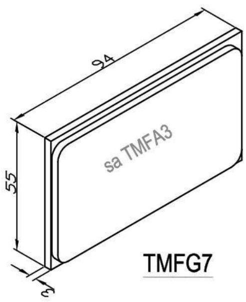
TMFG6



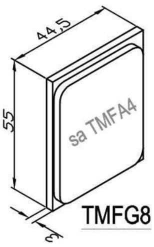
TMFG3



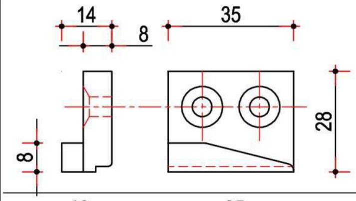
TMFG5



TMFG7



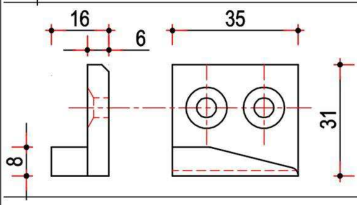
TMFG8



Al. prihvatnik
Al. block

Artikal : TMFA2

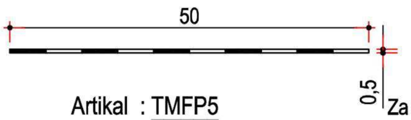
1+1
Na produžetak TMF8



Al. prihvatnik
Al. block

Artikal : TMFA5

1+1
Na ram TMF9



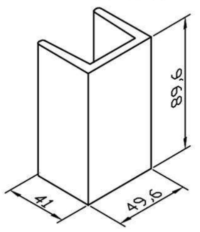
TESA traka
TESA tape

Artikal : TMFP5

Za : TMF3 u sistemu TMFC55

Al. spojnica
Al. joint

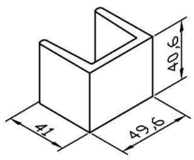
Artikal : TMFA3



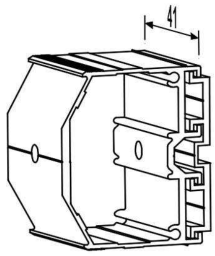
Za : prečku TMF1;TMF21

Al. spojnica
Al. joint

Artikal : TMFA4



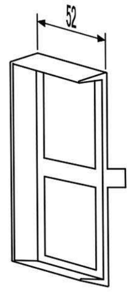
Za : prečku TMF2



Al. spojnica
Al. joint

Artikal : TMFA6

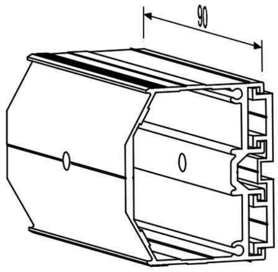
Za : prečku TMF2



PEVG dilatacioni umetak
PEVG dilatation plug

Artikal : TMFP9

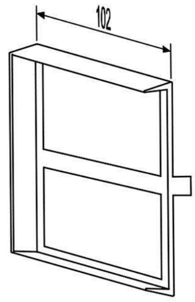
Sa : spojnicom TMFA6



Al. spojnica
Al. joint

Artikal : TMFA7

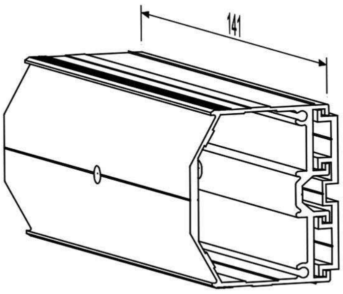
Za : prečku TMF21



PEVG dilatacioni umetak
PEVG dilatation plug

Artikal : TMFP10

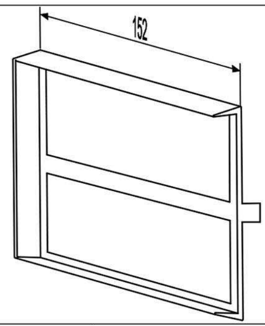
Sa : spojnicom TMFA7



Al. spojnica
Al. joint

Artikal : TMFA8

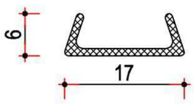
Za prečku : TMF11



PEVG dilatacioni umetak
PEVG dilatation plug

Artikal : TMFP11

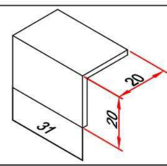
Sa : spojnicom TMFA8



PA profil L=3,0m
PA profile

Artikal : TMFP7

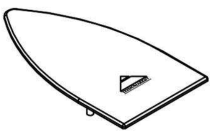
Za : pokrivni profil TMF17



Al. ugaona spojnica
Corner cleat

Artikal : TMFA16

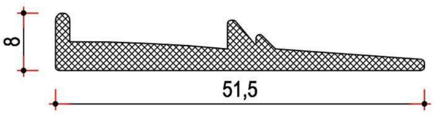
Za : TMF12



PA umetak za zatvaranje
PA ending plug

Artikal : TMFP8

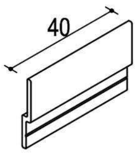
Za :pokrivni profil TMF15



PA profil L=3,0 m
PA profile

Artikal : TMFP6

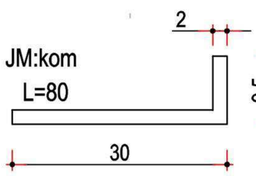
Za : ram TMF9



Al. prihvatnik stakla
Al. block

Artikal : TMFA13

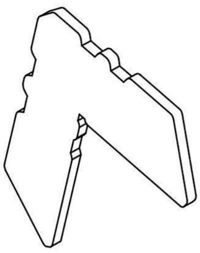
Za : staklo u TMF ST55



Al prihvatnik za staklo u TMFC55

Al. block

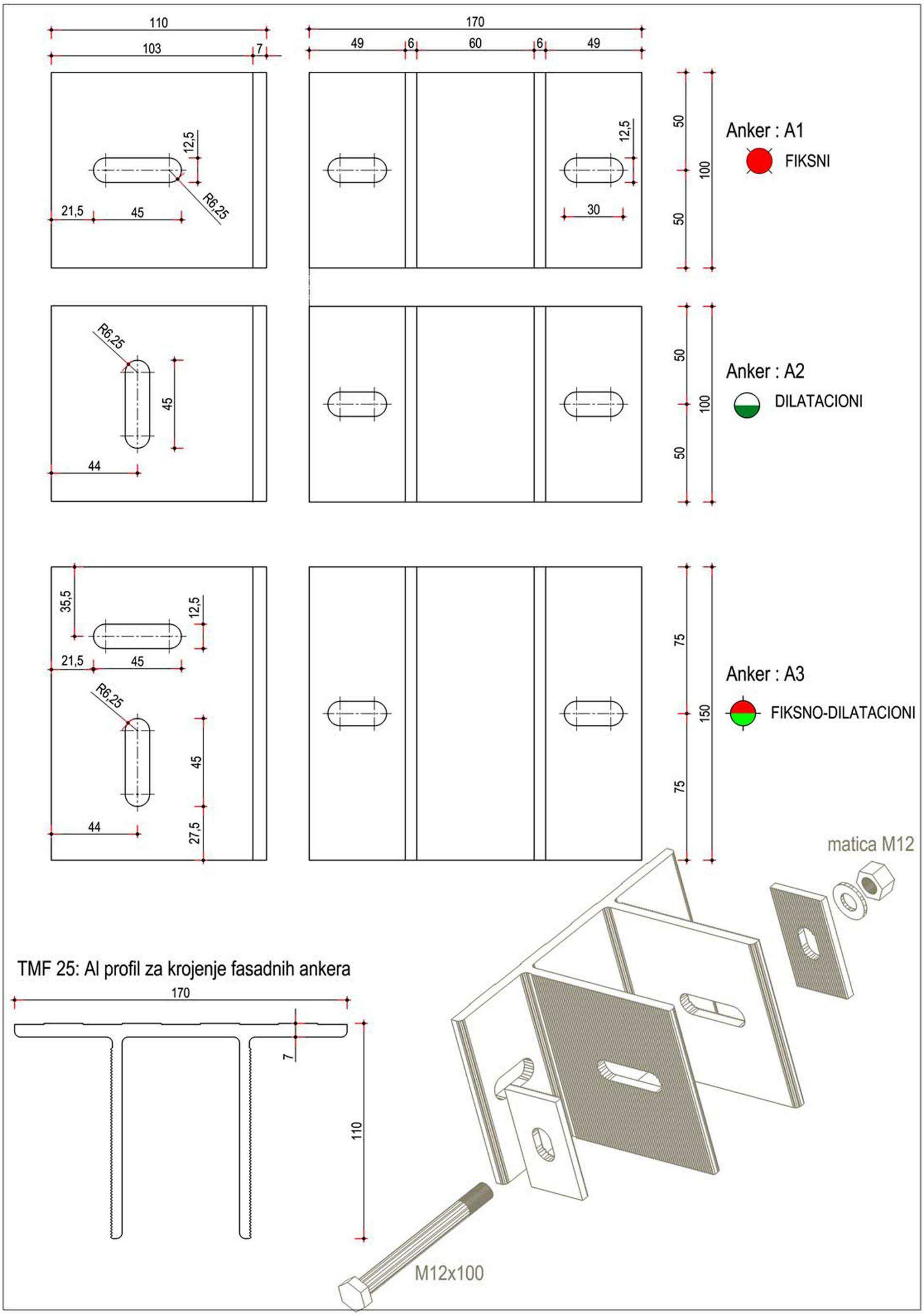
Artikal : TMFA15



PA ugaona spojnica
Corner cleat

Artikal : TMP6

Za : ram TMF9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R6,25
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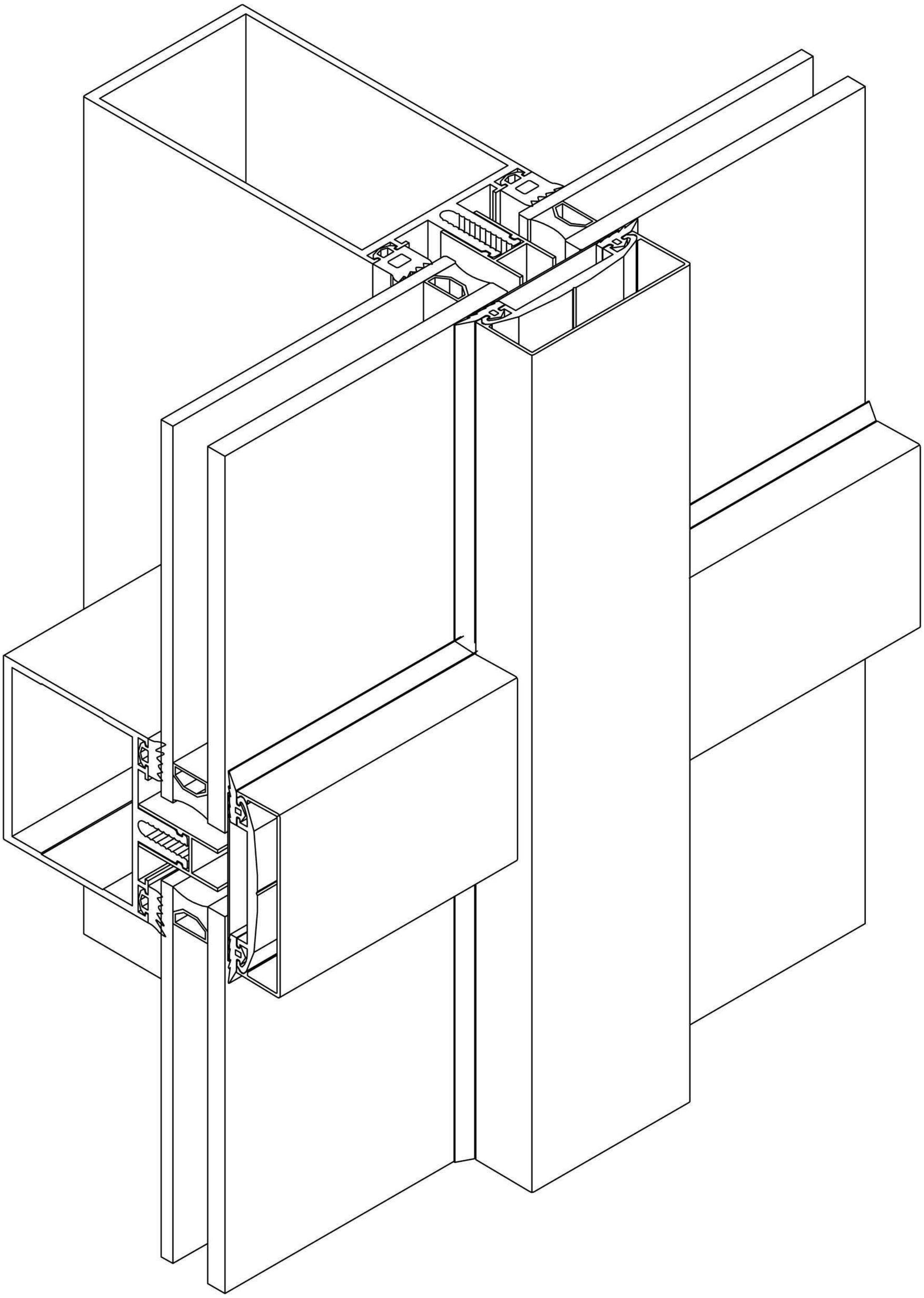
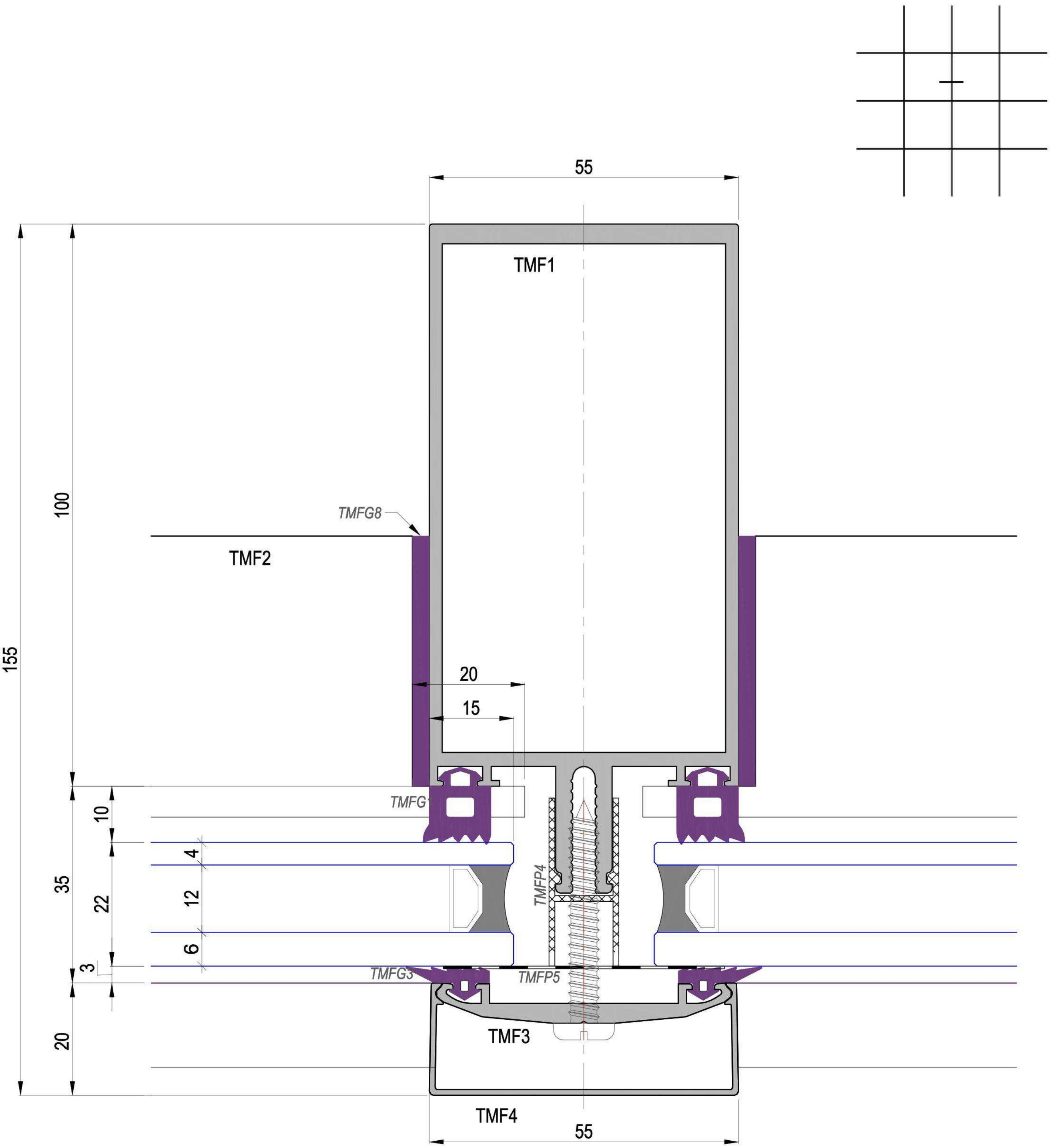
100
50
Anker : A1
FIKSNI
R6,25
45
44
Anker : A2
DILATACIONI
35,5
12,5
21,5
45
R6,25
45
44
27,5
75
150
75
Anker : A3
FIKSNO-DILATACIONI
matica M12
TMF 25: Al profil za krojenje fasadnih ankera
170
7
110
M12x100

R 1:1



R 1:1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TMF2
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20
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12
6
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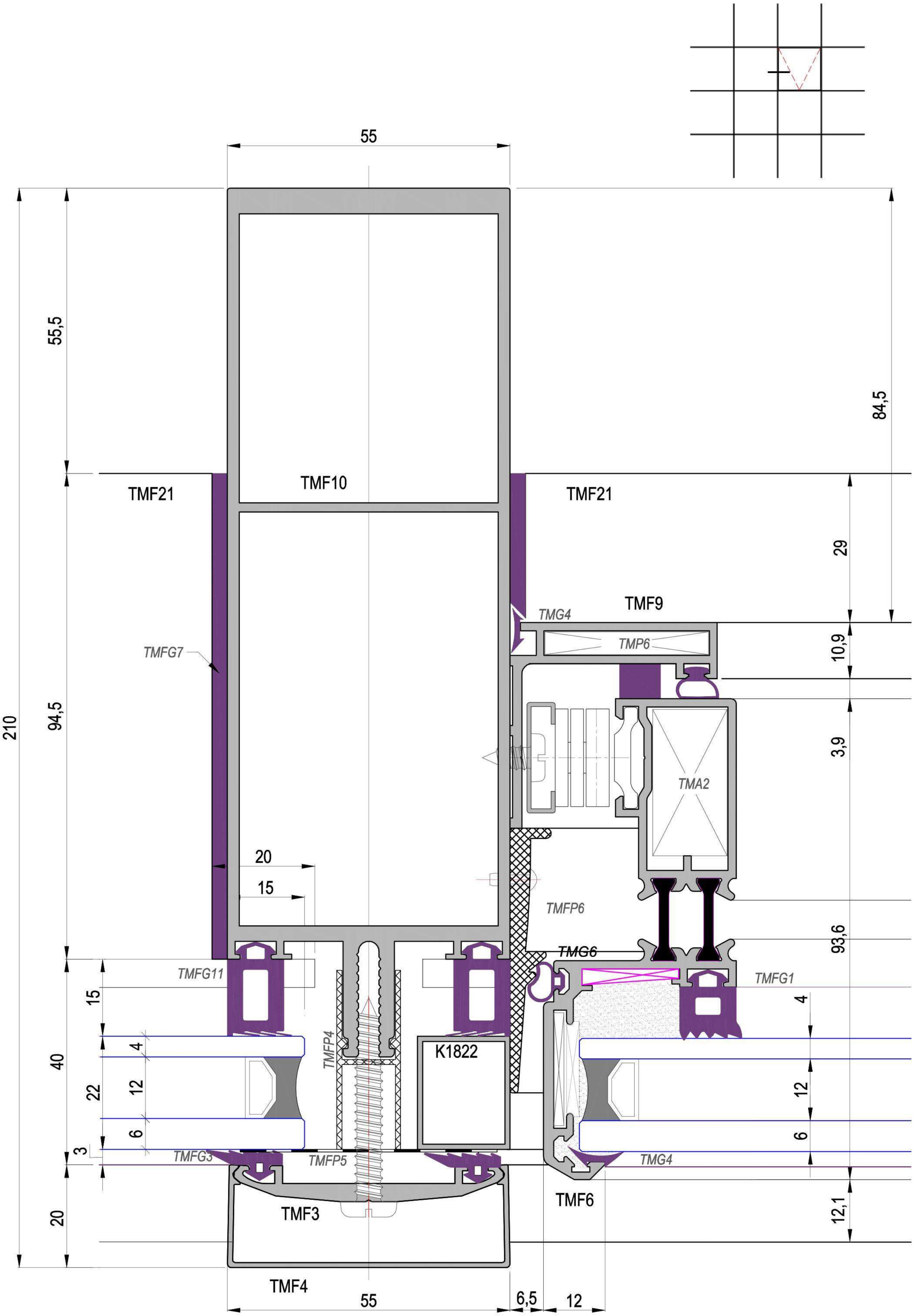
TMFP4
TMFG3
TMFP5
TMF3
20
TMF4
55

R 1:1



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TMA2
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93,6
TMG6
TMFG11
TMFG1
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TMFP4
K1822
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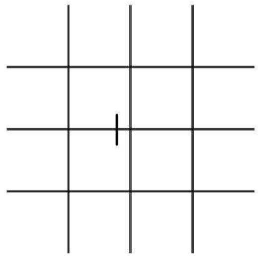
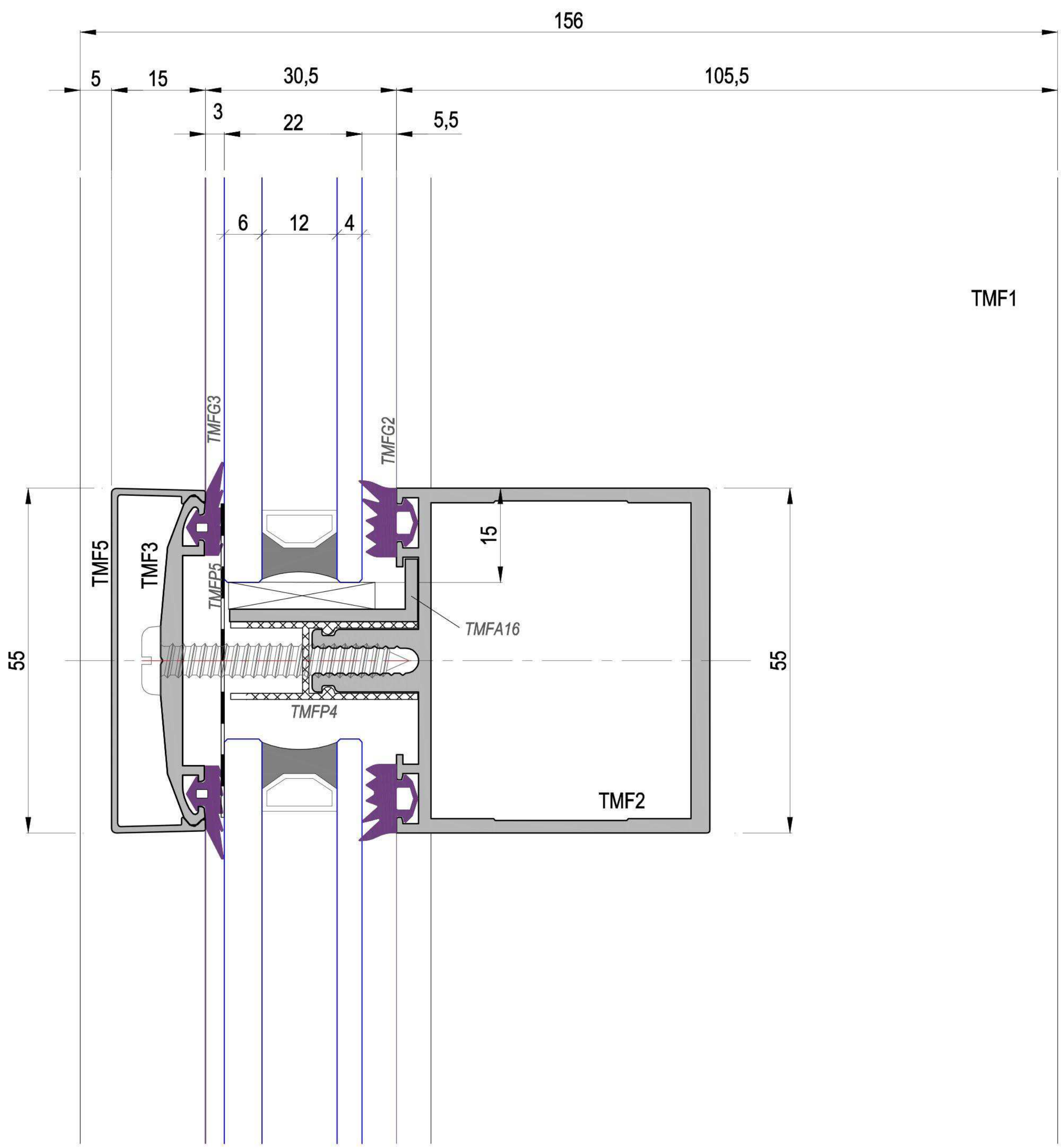
6,5
12

R 1:1

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TMFA16
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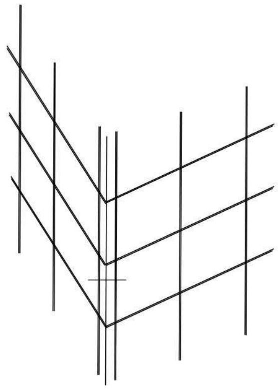
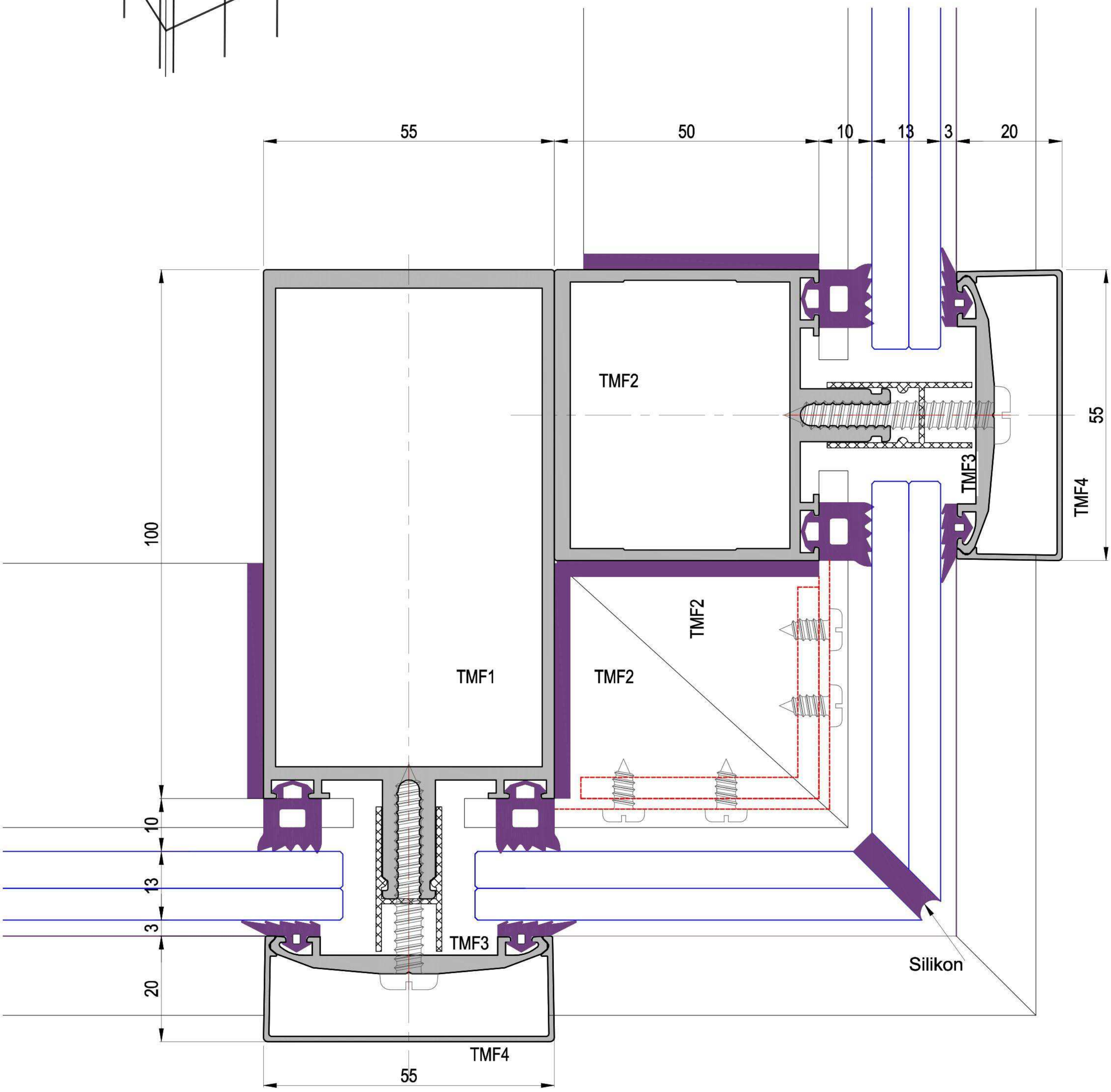
TMFP4
TMF2

R 1:1

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TMF1
TMF2
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TMF4
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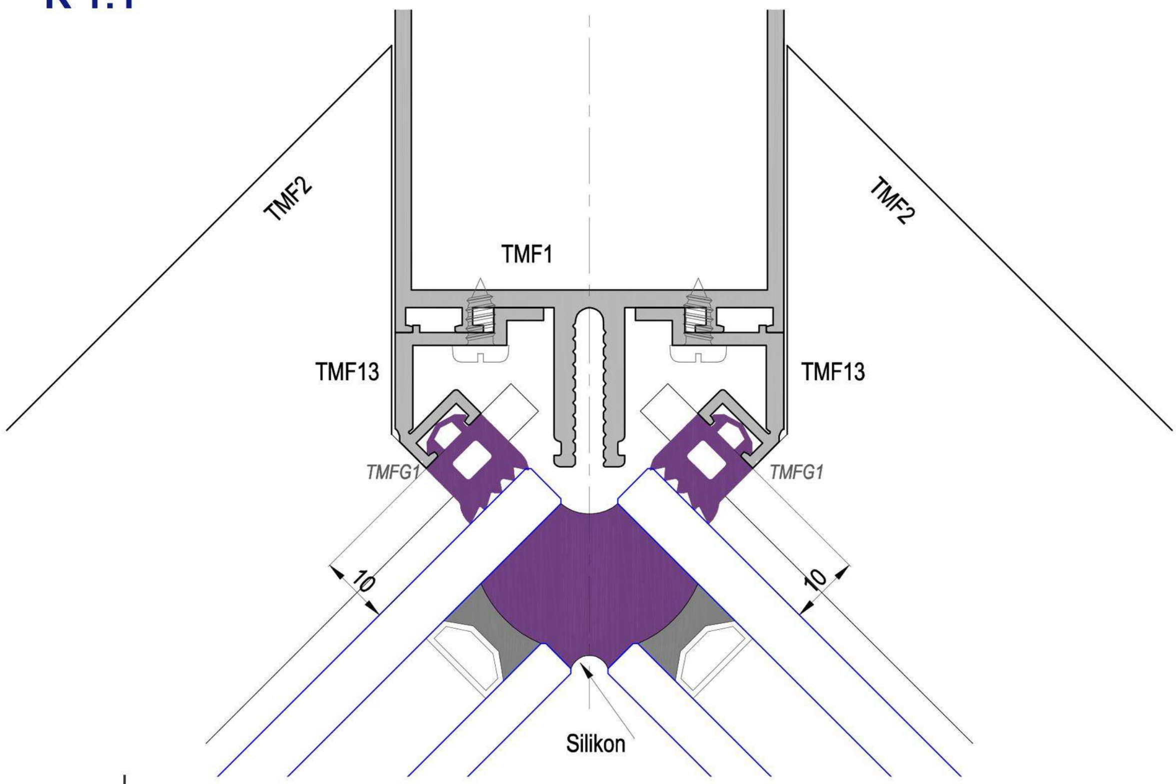
20
TMF3
Silikon
TMF4
55

R 1:1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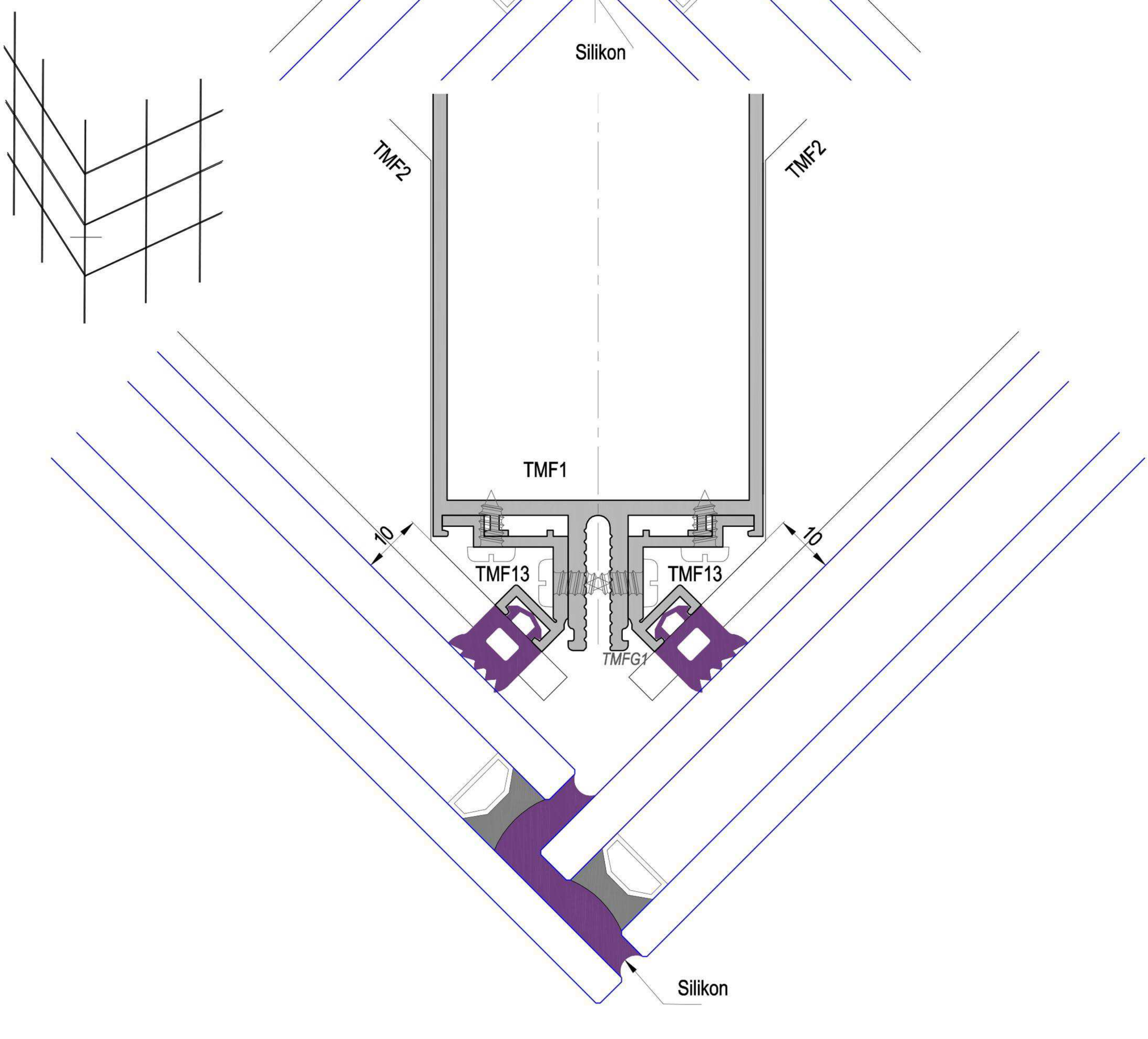
TMF2
TMF1
TMF13
TMF13
TMFG1
TMFG1
10
10
Silikon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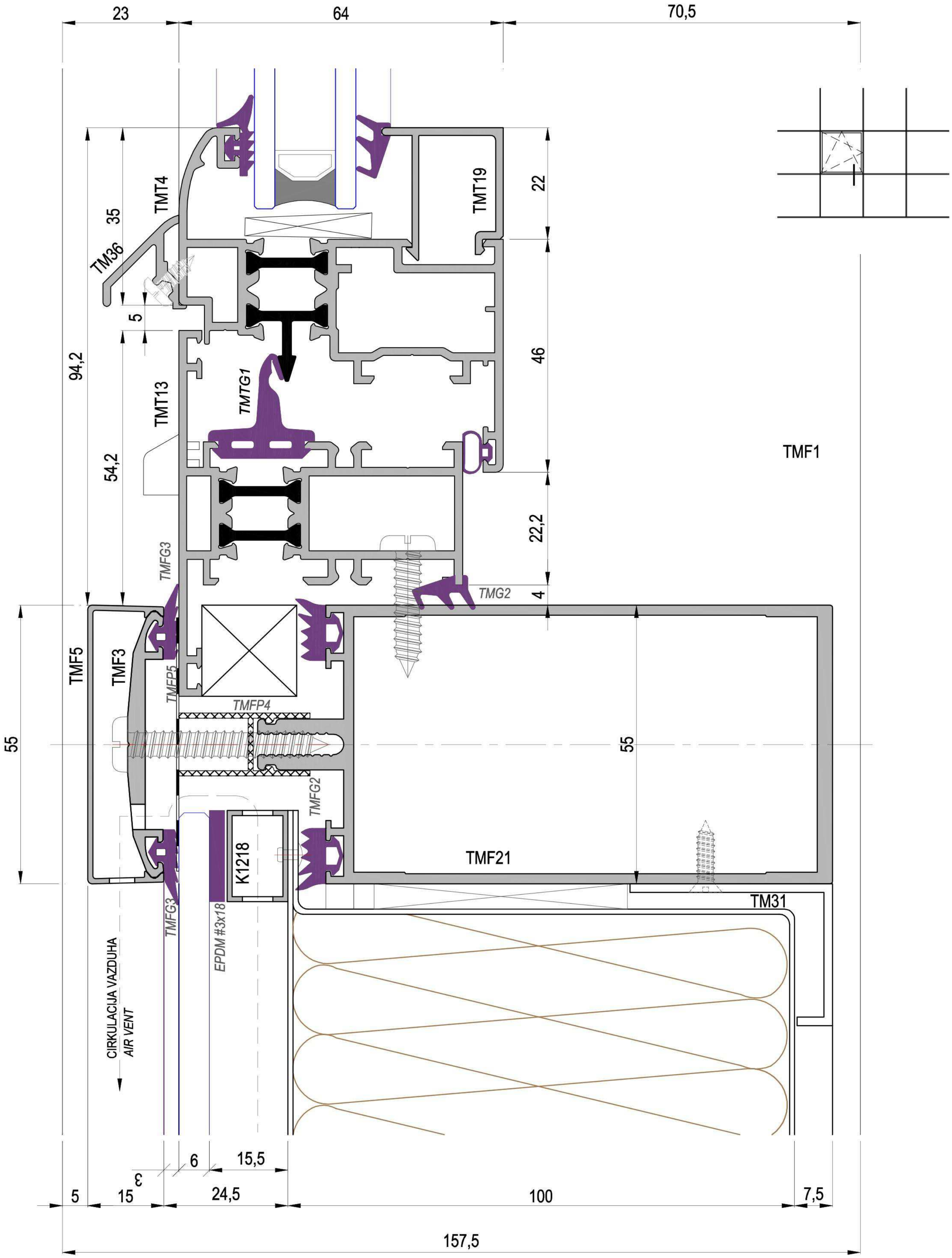
TMF2
TMF1
10
10
TMF13
TMF13
TMFG1
Silikon

R 1:1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TMTG1
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TMFG3
TMG2
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TMF5
TMF3
TMFP5
TMFP4
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TMFG2
K1218
TMF21
TM31
TMFG3
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R 1:1

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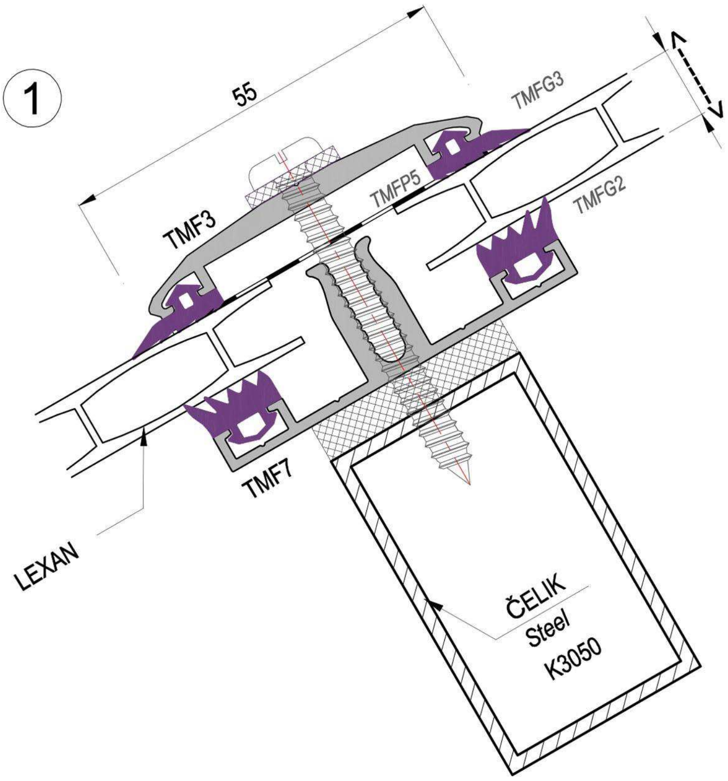
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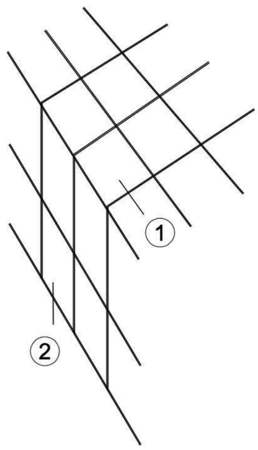
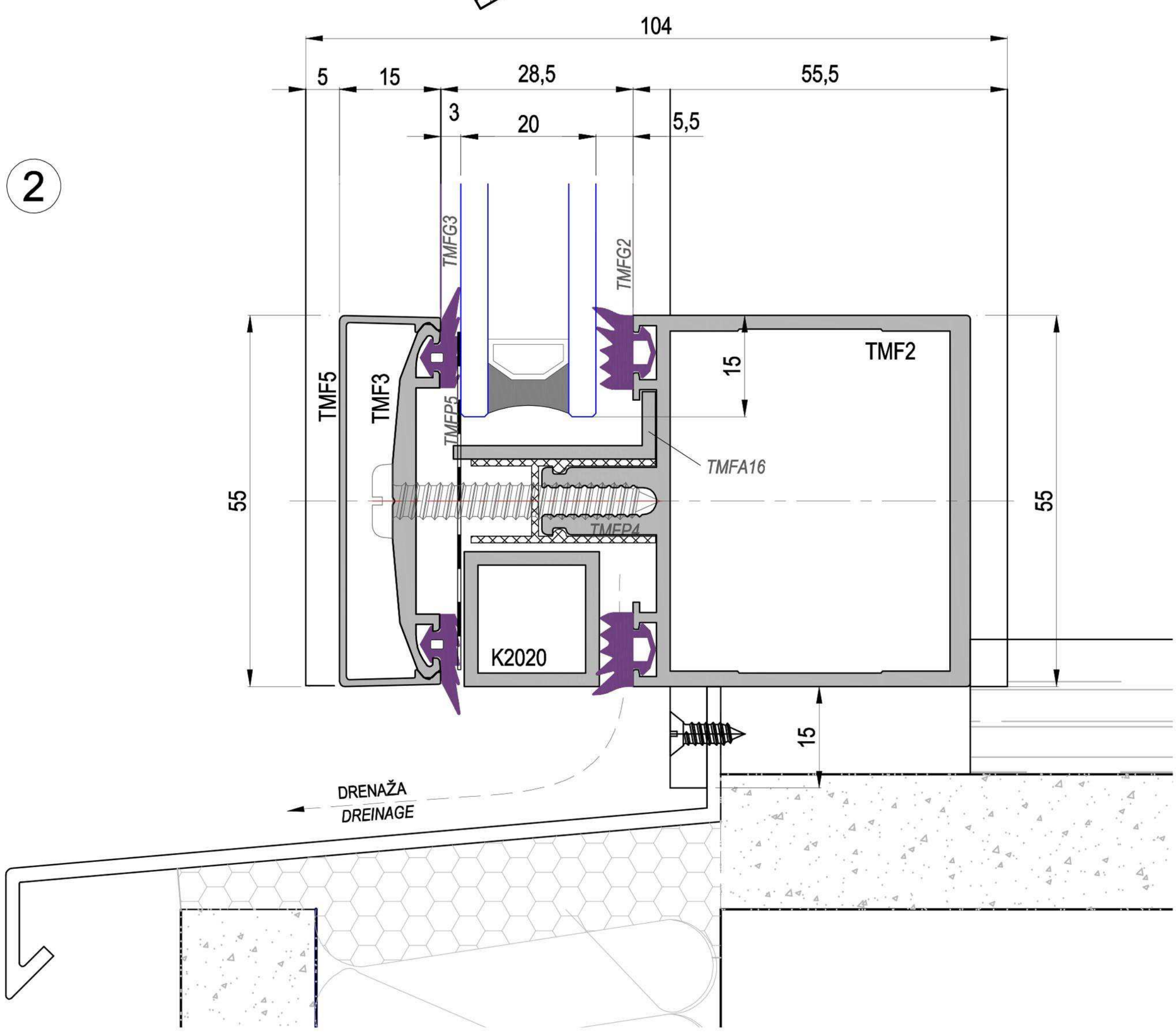
TMFP5
TMFG2
TMF3
TMF7
LEXAN
ČELIK
Steel
K3050


1
2

2


104
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TMFG2
TMF5
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TMFP5
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TMFA16
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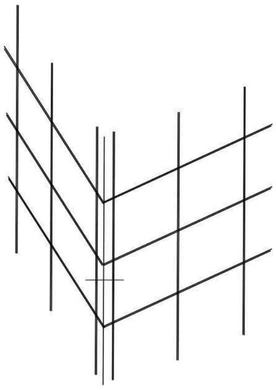
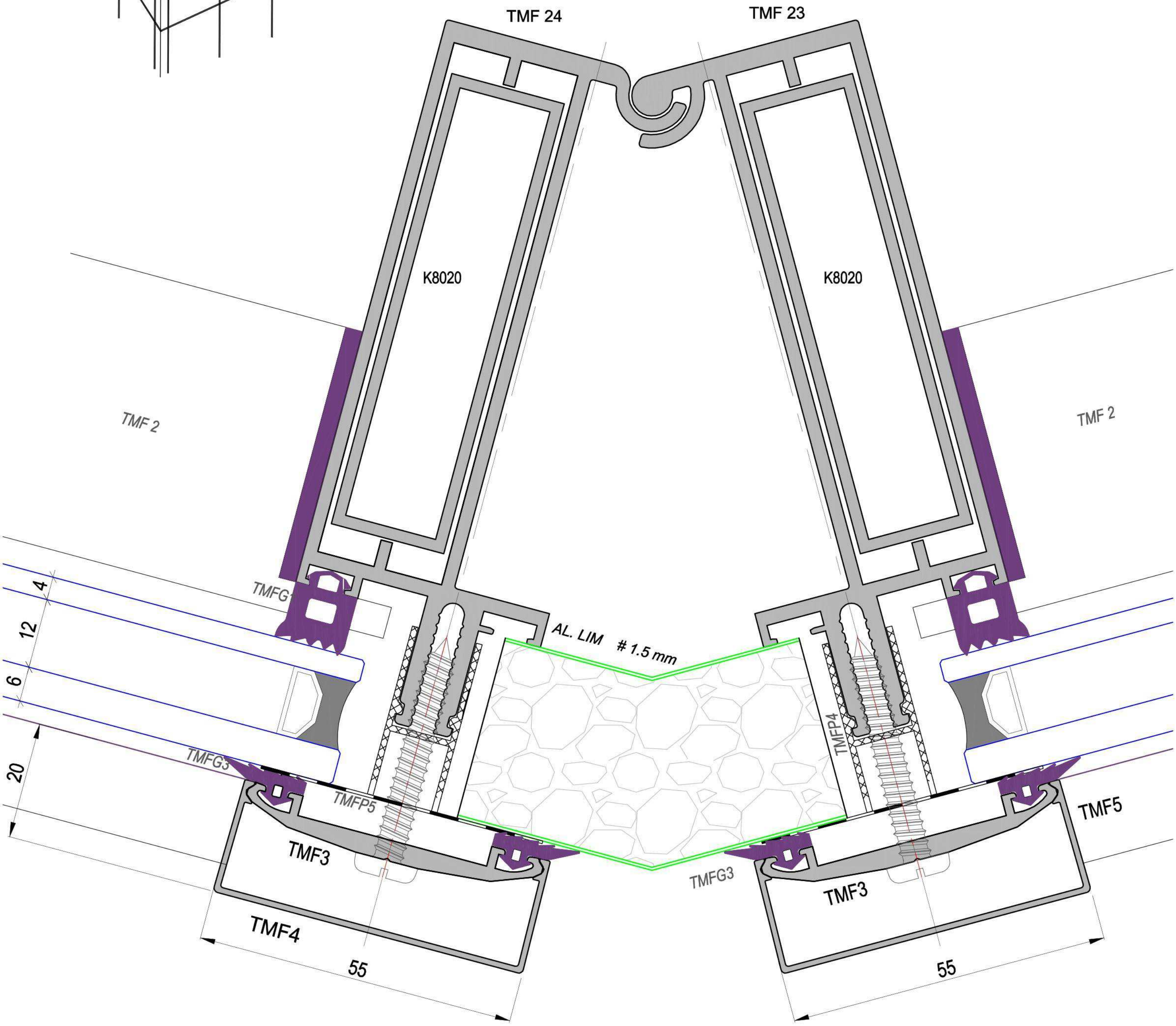
K2020
15
DRENAŽA
DREINAGE

R 1:1





TMF 24
TMF 23
K8020
K8020
TMF 2
TMF 2
TMFG1
AL. LIM # 1.5 mm
TMFP4
TMFG3
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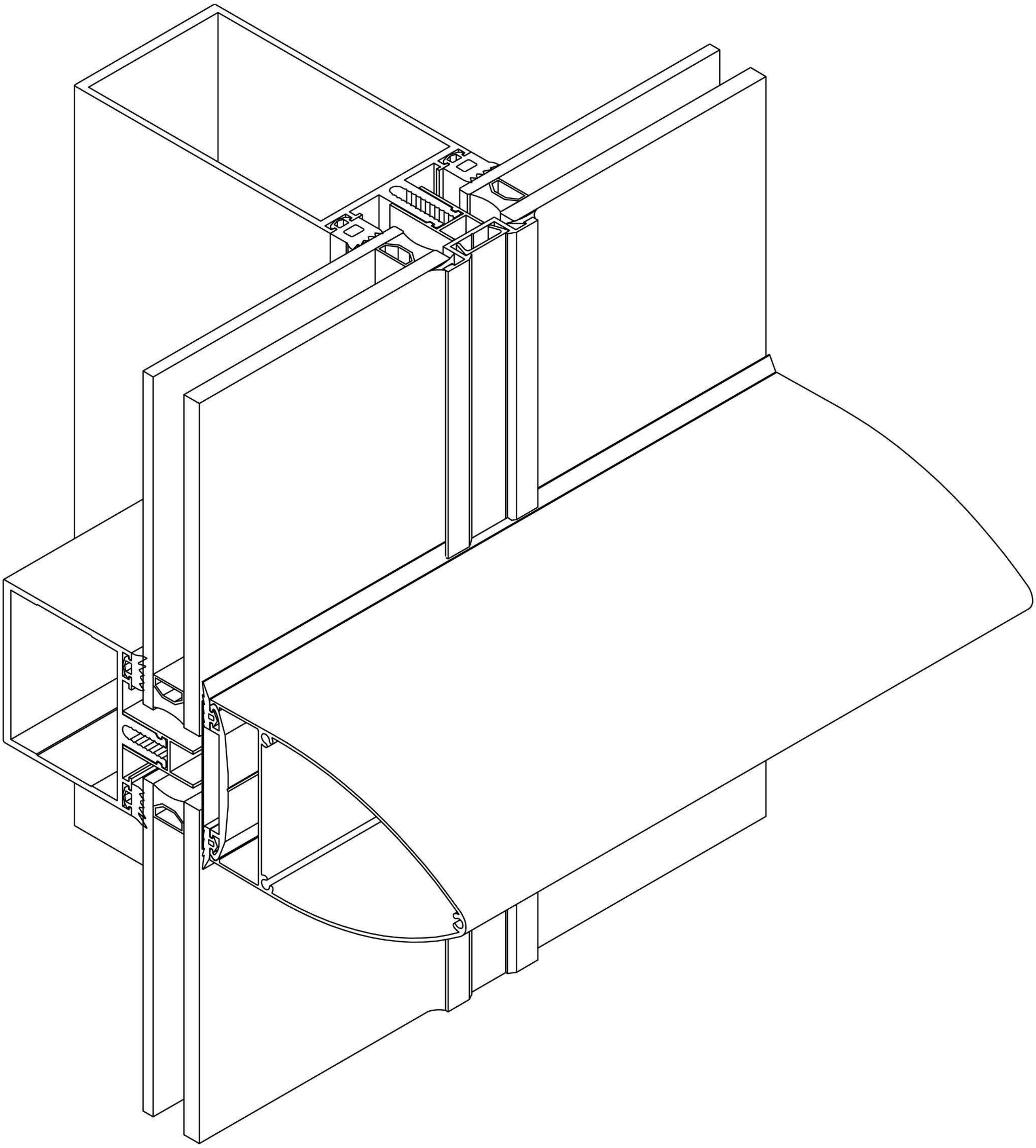
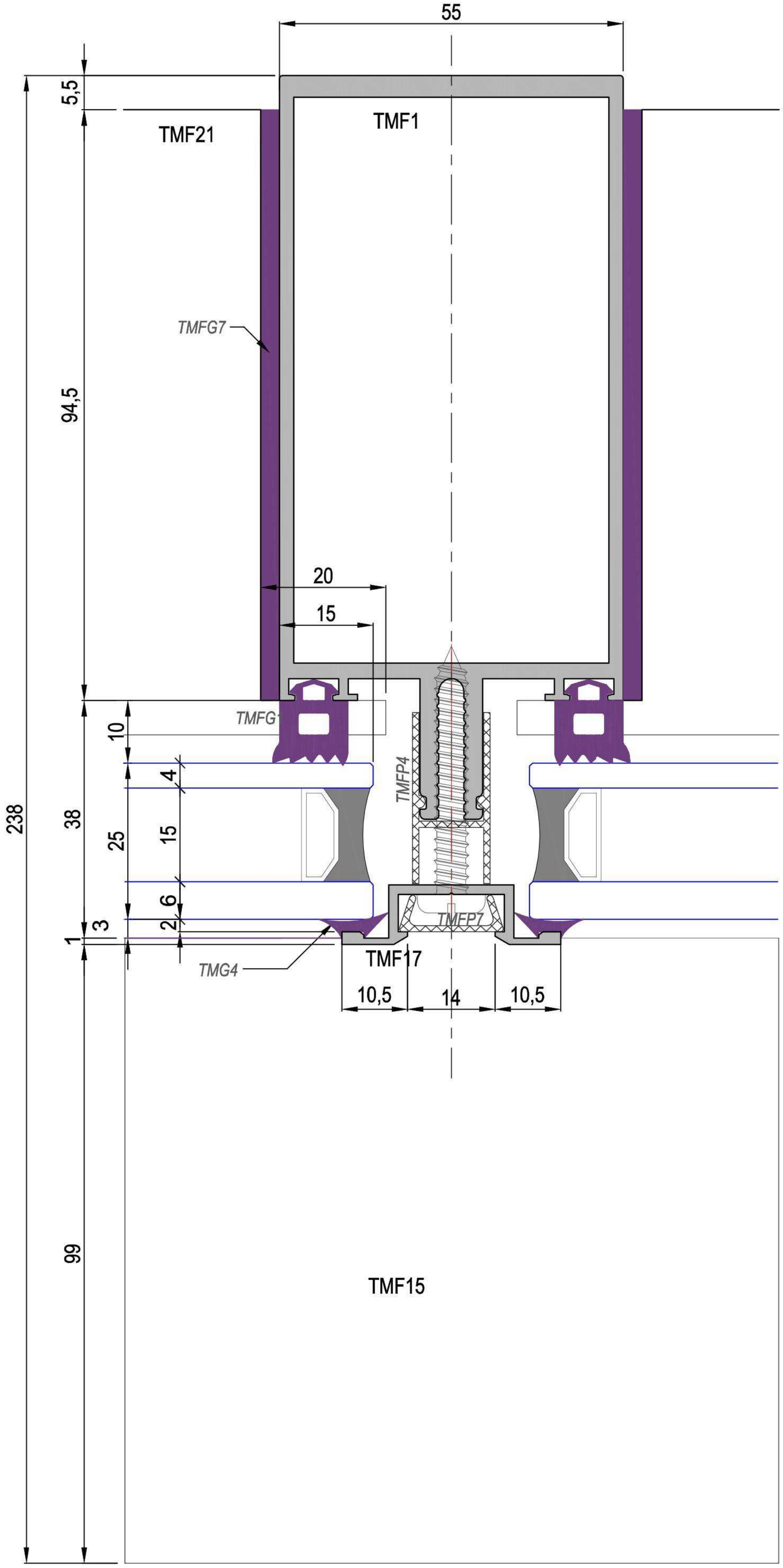
55

R 1:1



R 1:1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TMF17
TMG4
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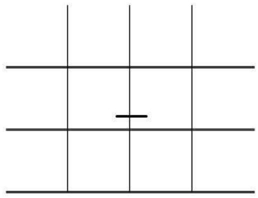
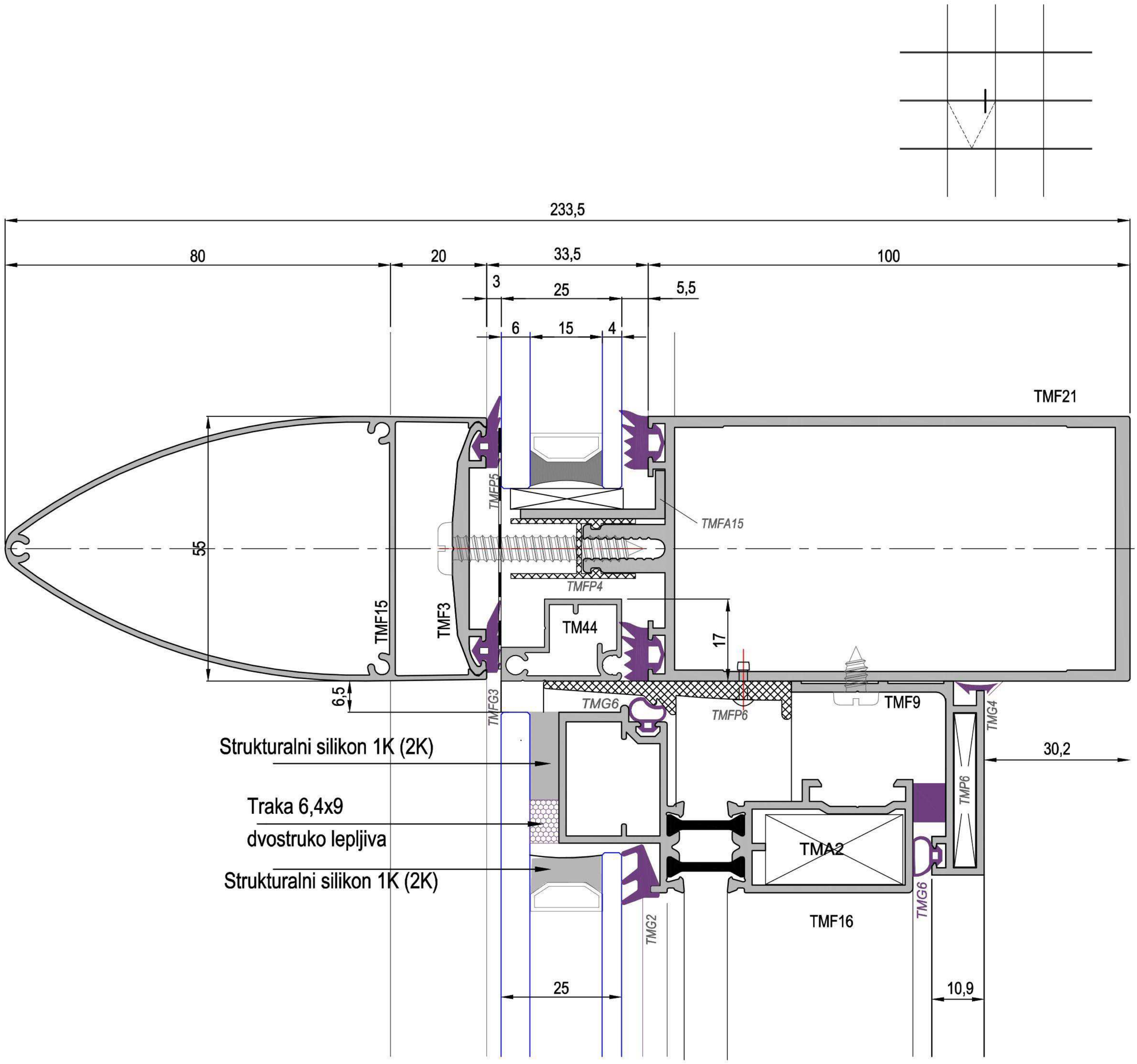
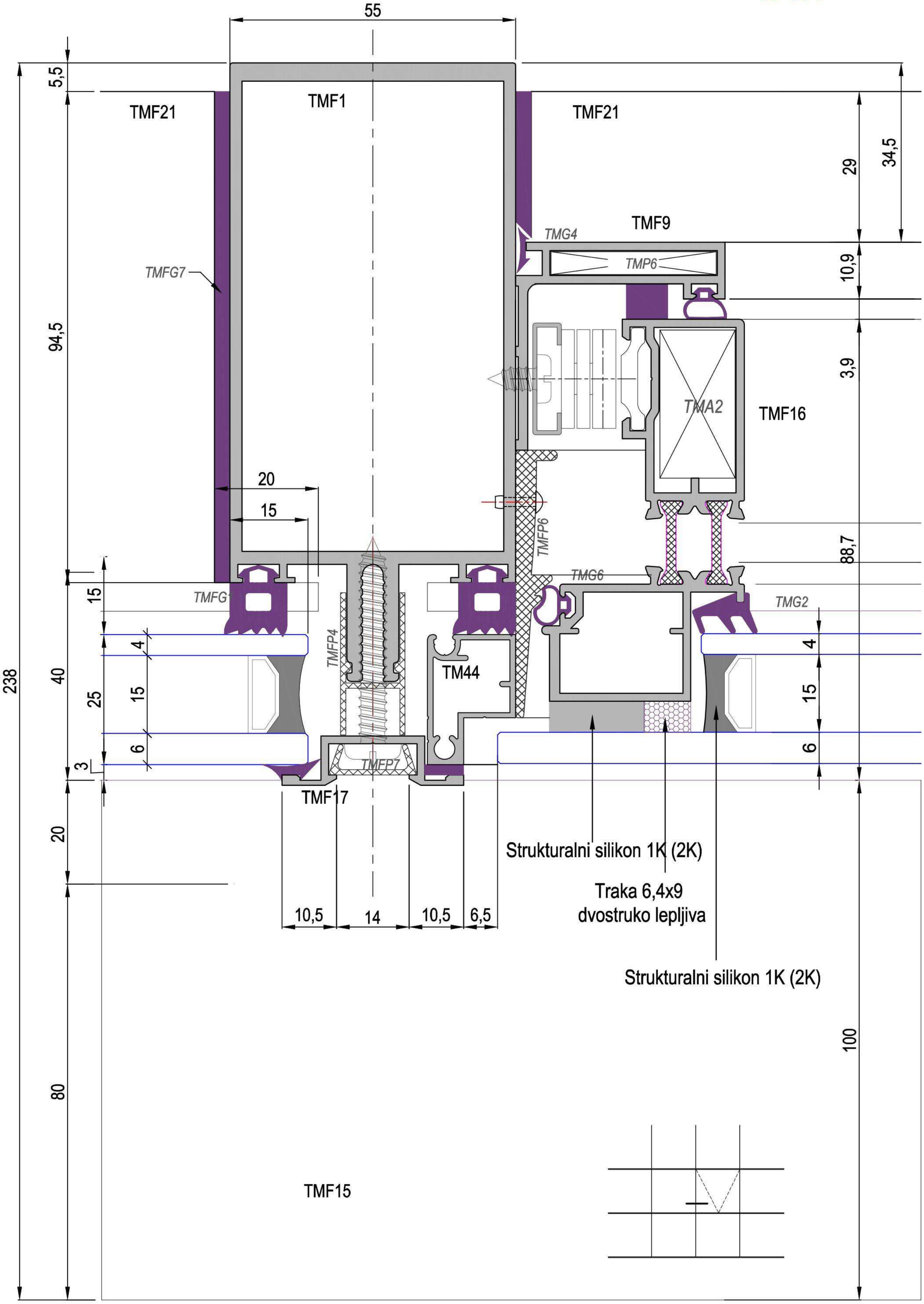
99
TMF15



R 1:1

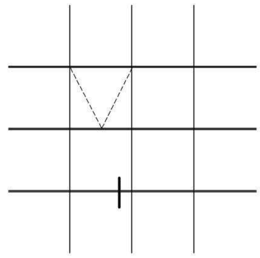

233,5
80
20
33,5
100
3
25
5,5
6
15
4
TMF21
TMFP5
TMFA15
55
TMFP4
TMF15
TMF3
TM44
17
6,5
TMFG3
TMG6
TMFP6
TMF9
TMG4
Strukturalni silikon 1K (2K)
30,2
TMP6
Traka 6,4x9
dvostruko lepljiva
TMA2
Strukturalni silikon 1K (2K)
TMG6
TMG2
TMF16
25
10,9

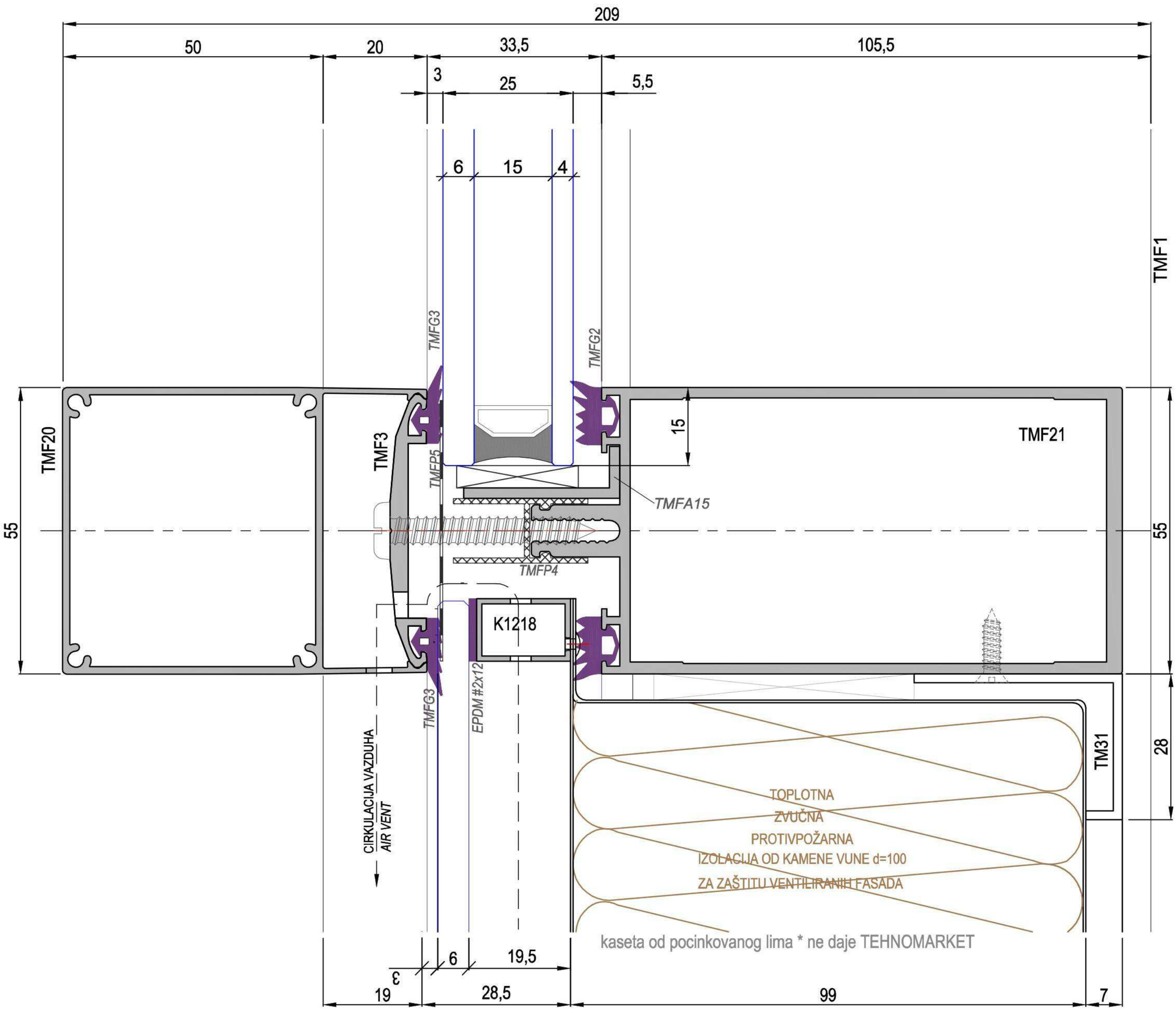
R 1:1



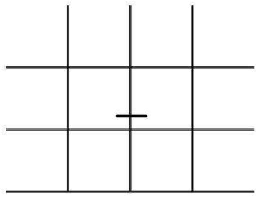
55
5,5
TMF21
TMF1
TMF21
29
34,5
TMG4
TMF9
TMP6
10,9
TMFG7
94,5
TMA2
TMF16
3,9
20
15
TMFP6
88,7
238
15
TMFG1
TMG6
TMG2
40
4
4
25
15
TMFP4
TM44
15
6
6
3
TMFP7
TMF17
20
Strukturalni silikon 1K (2K)
Traka 6,4x9
dvostruko lepljiva
10,5
14
10,5
6,5
Strukturalni silikon 1K (2K)
100
80
TMF15

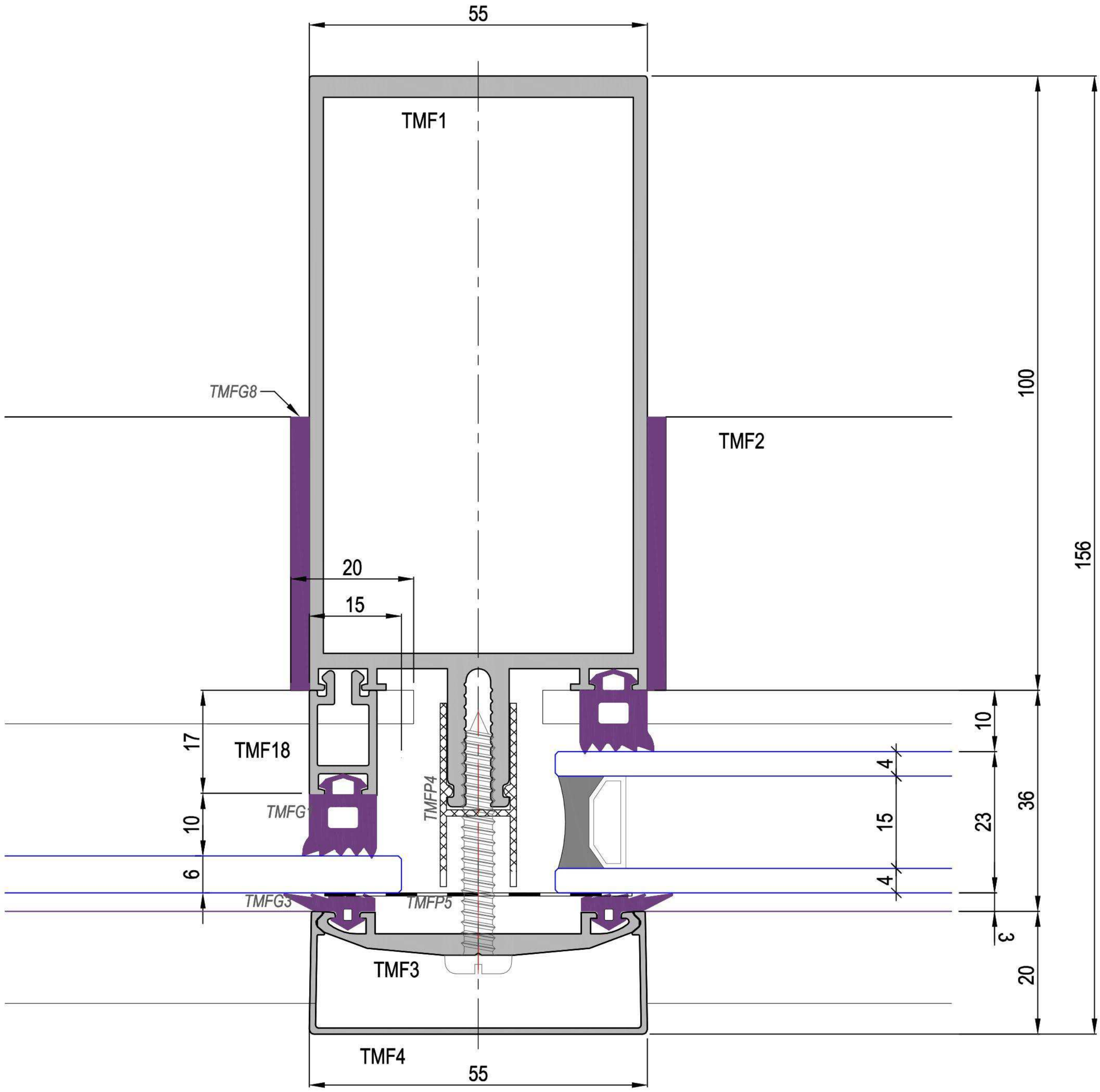
R 1:1




209
50
20
33,5
105,5
3
25
5,5
6
15
4
TMF1
TMFG3
TMFG2
TMF20
TMF3
TMFP5
TMF21
15
TMFA15
55
55
TMFP4
K1218
TMFG3
EPDM #2x12
CIRKULACIJA VAZDUHA
AIR VENT
TM31
28
TOPLOTNA
ZVUČNA
PROTIVPOŽARNA
IZOLACIJA OD KAMENE VUNE d=100
ZA ZAŠTITU VENTILIRANIH FASADA
kaseta od pocinkovanog lima * ne daje TEHNOMARKET
3
6
19,5
19
28,5
99
7

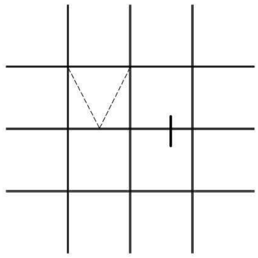
R 1:1

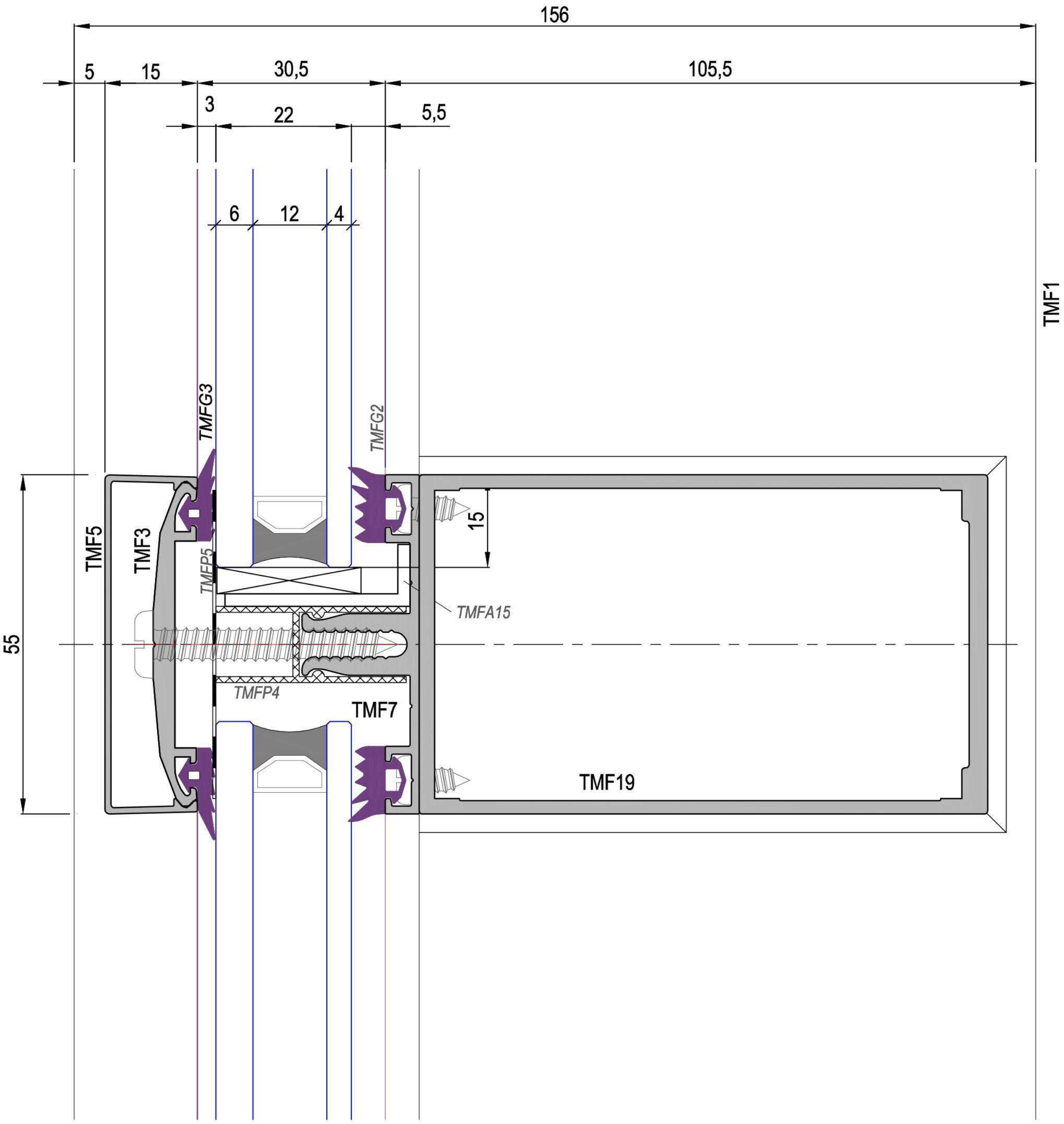




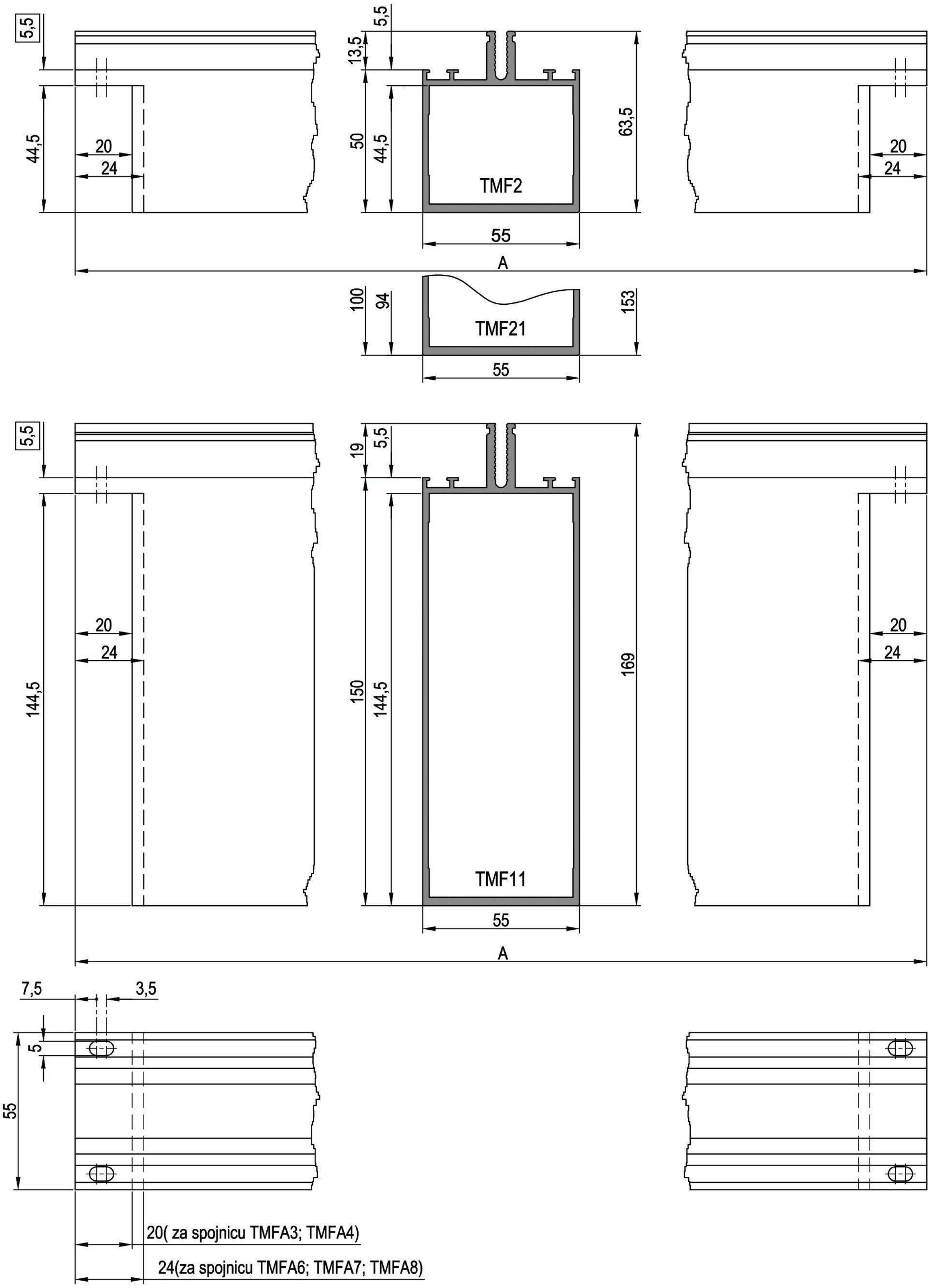
55
TMF1
TMFG8
TMF2
100
156
20
15
17
TMF18
10
TMFG1
TMFP4
4
15
4
23
36
6
TMFG3
TMFP5
3
TMF3
20
TMF4
55

R 1:1

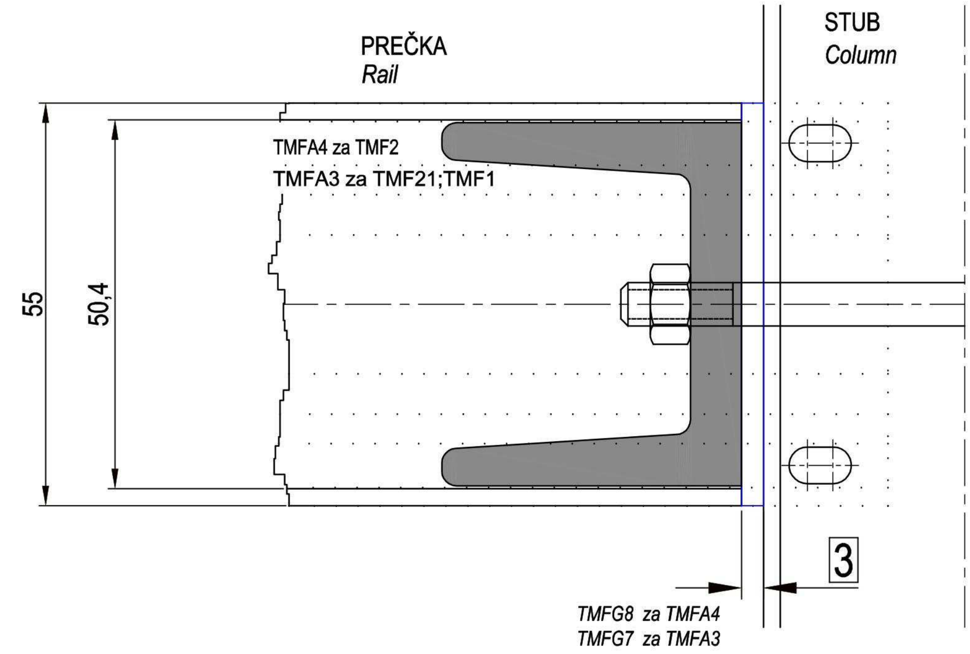


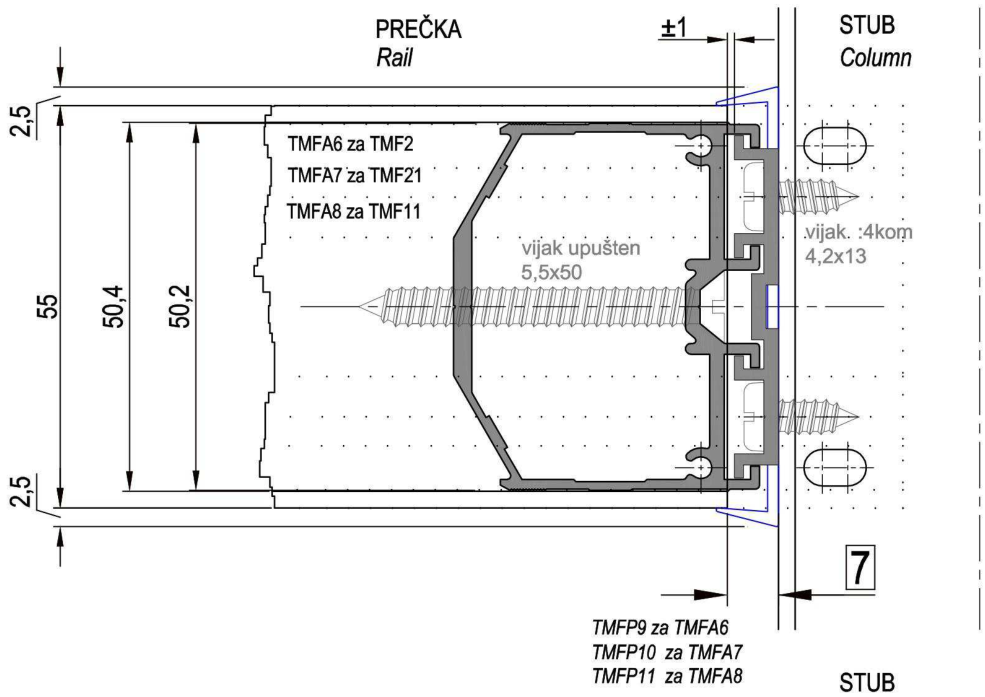

156
5
15
30,5
105,5
3
22
5,5
6
12
4
TMF1
TMFG3
TMFG2
TMF5
TMF3
TMFP5
55
15
TMFA15
TMFP4
TMF7
TMF19

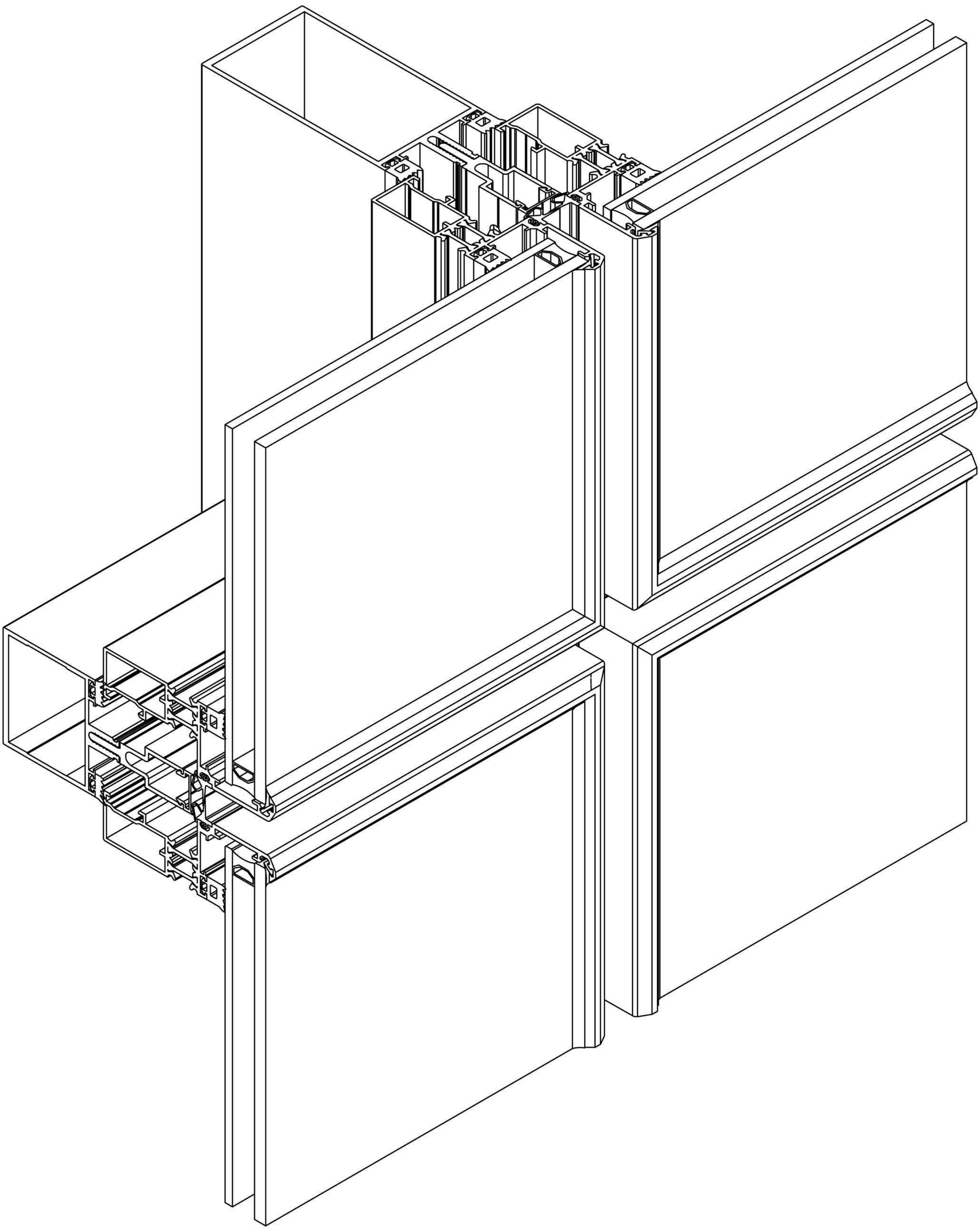
R 1:2


5,5
44,5
20
24
13,5
5,5
50
44,5
63,5
TMF2
55
A
100
94
TMF21
153
55
5,5
144,5
19
5,5
150
144,5
169
TMF11
55
A
7,5
3,5
5
55
20(za spojnicu TMFA3; TMFA4)
24(za spojnicu TMFA6; TMFA7; TMFA8)

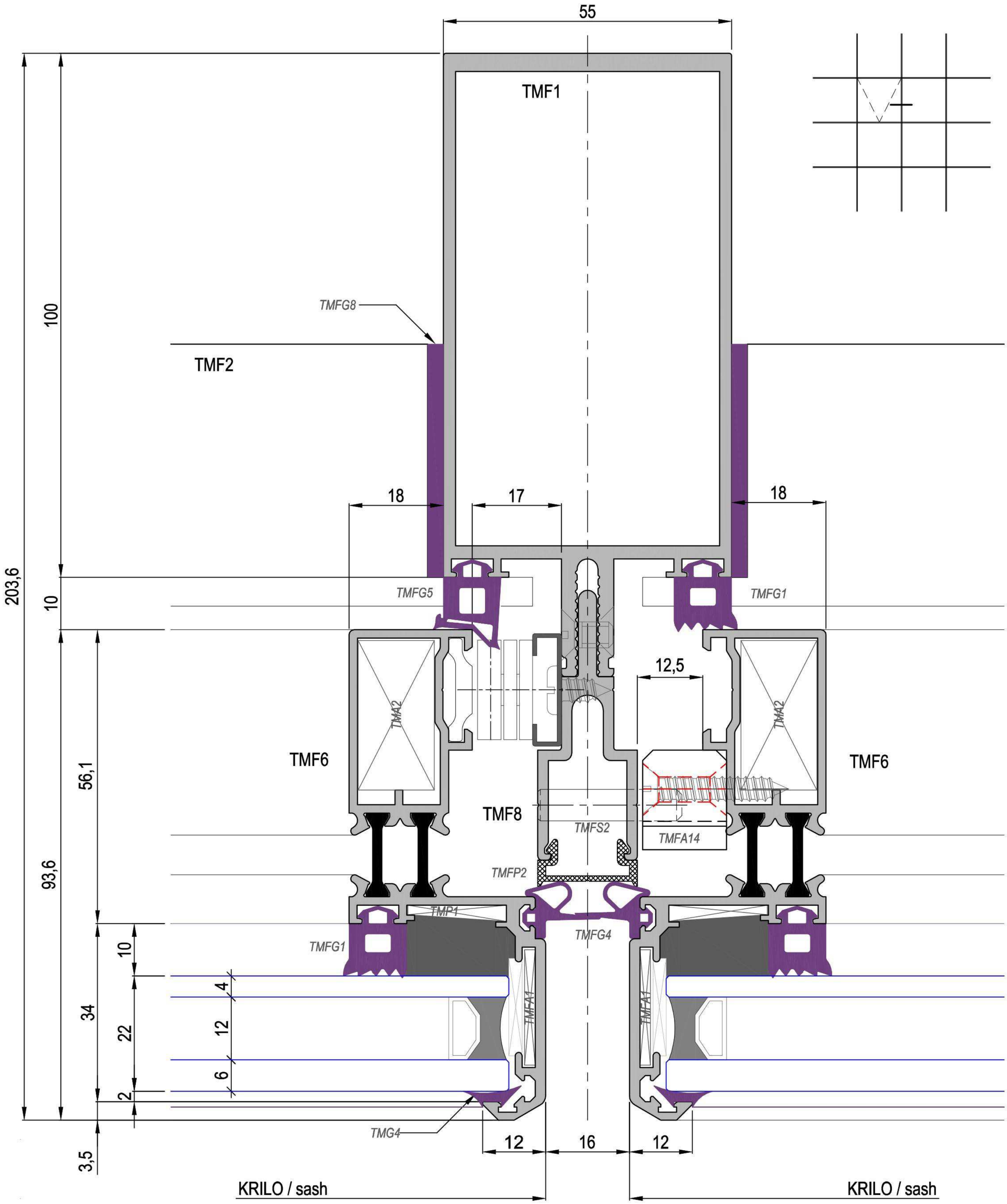
R 1:1

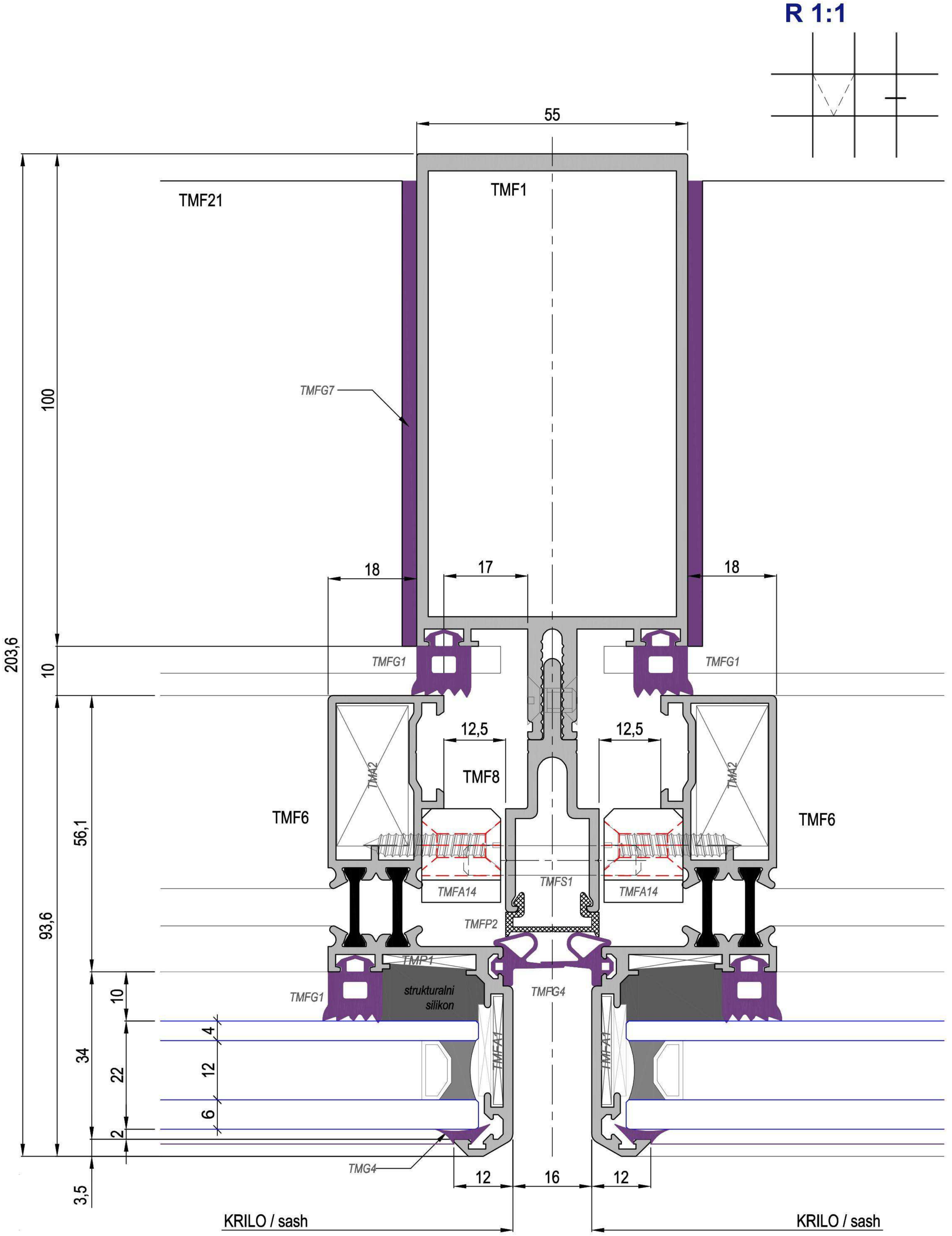

PREČKA
Rail
STUB
Column
TMFA4 za TMF2
TMFA3 za TMF21;TMF1
55
50,4
3
TMFG8 za TMFA4
TMFG7 za TMFA3


PREČKA
Rail
±1
STUB
Column
TMFA6 za TMF2
TMFA7 za TMF21
TMFA8 za TMF11
vijak upušten
5,5x50
vijak. :4kom
4,2x13
2,5
55
50,4
50,2
2,5
7
TMFP9 za TMFA6
TMFP10 za TMFA7
TMFP11 za TMFA8
STUB

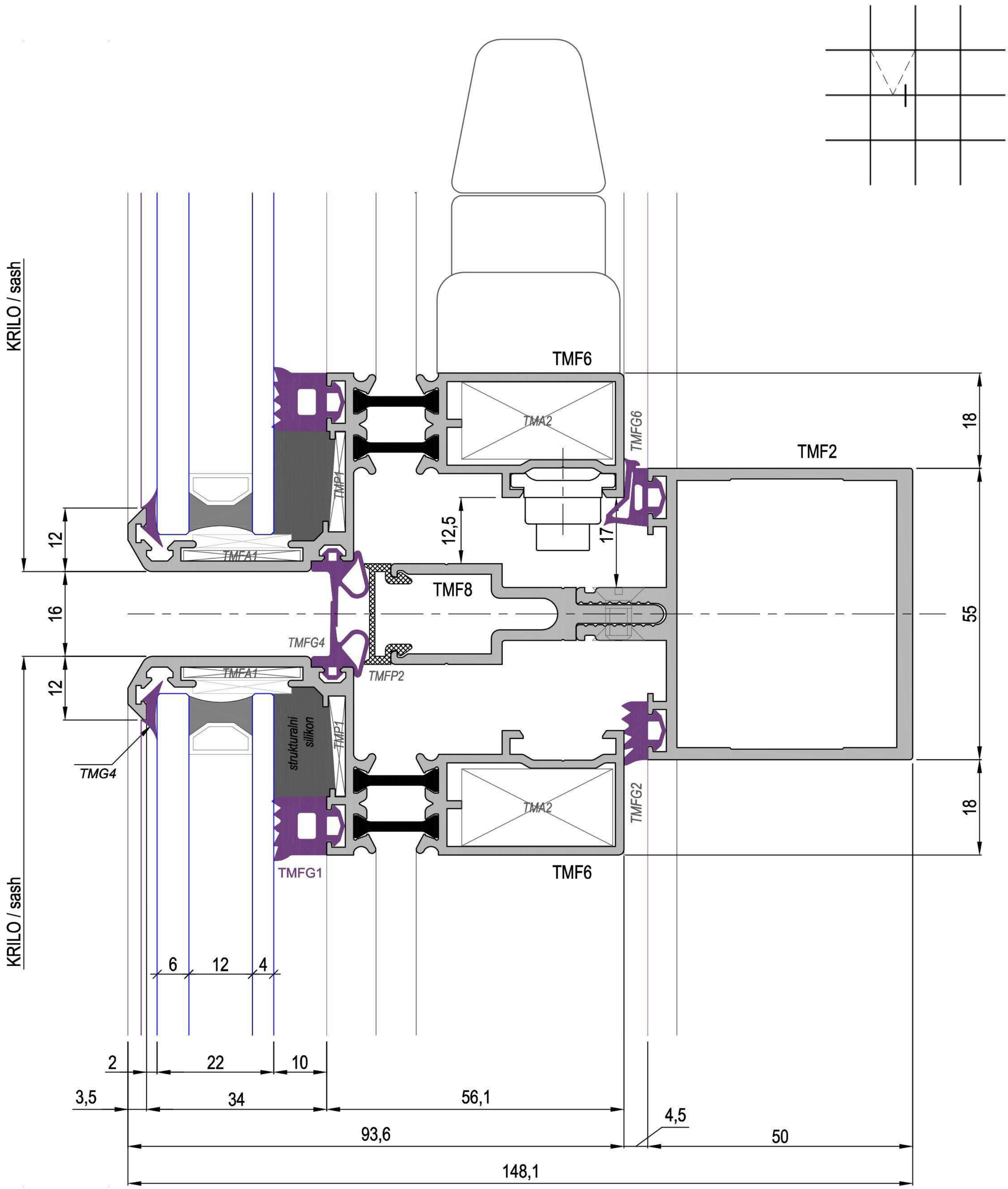


R 1:1


55
TMF1
TMFG8
TMF2
100
203,6
18
17
18
10
TMFG5
TMFG1
12,5
TMA2
TMA2
TMF6
TMF6
56,1
TMF8
TMFS2
TMFA14
93,6
TMFP2
TMP1
TMFG4
TMFG1
10
34
22
4
12
6
2
TMFA1
TMFA1
TMG4
3,5
12
16
12
KRILO / sash
KRILO / sash

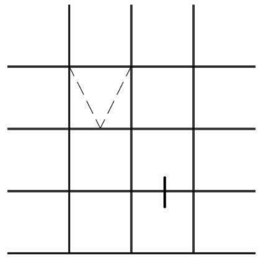

R 1:1
55
TMF21
TMF1
TMFG7
18
17
18
TMFG1
TMFG1
12,5
12,5
TMF8
TMA2
TMA2
TMF6
TMF6
TMFA14
TMFS1
TMFA14
TMFP2
TMP1
TMFG1
strukturalni silikon
TMFG4
TMFA1
TMFA1
TMG4
203,6
100
10
93,6
56,1
34
10
22
4
12
6
2
3,5
12
16
12
KRILO / sash
KRILO / sash

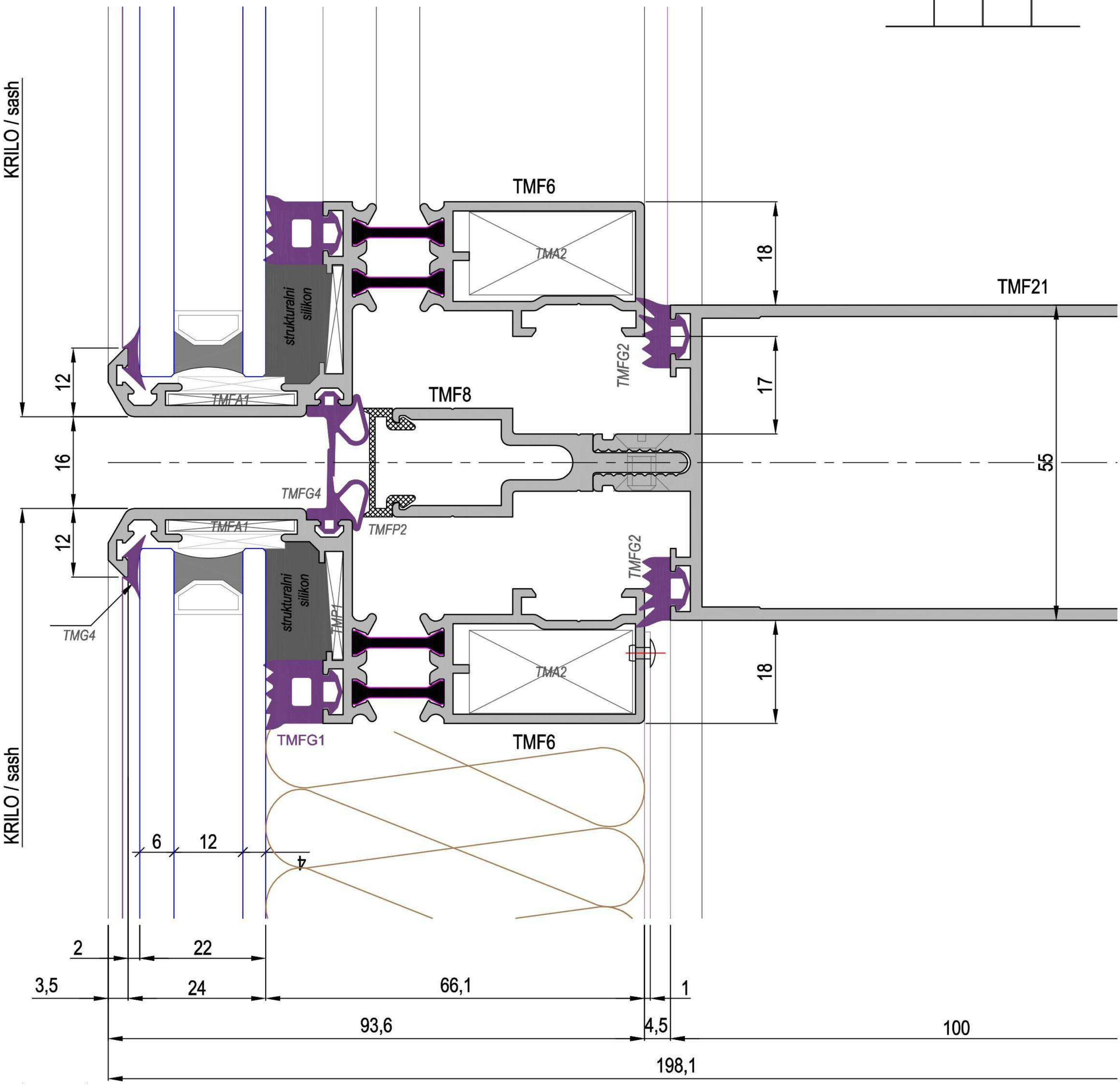
R 1:1



KRILO / sash
TMF6
TMA2
TMFG6
TMF2
18
12,5
17
12
16
TMFA1
TMF8
TMFG4
TMFP2
55
TMFA1
12
TMG4
strukturalni silikon
TMP1
TMA2
TMFG2
18
TMFG1
TMF6
KRILO / sash
6
12
4
2
22
10
3,5
34
56,1
4,5
93,6
50
148,1

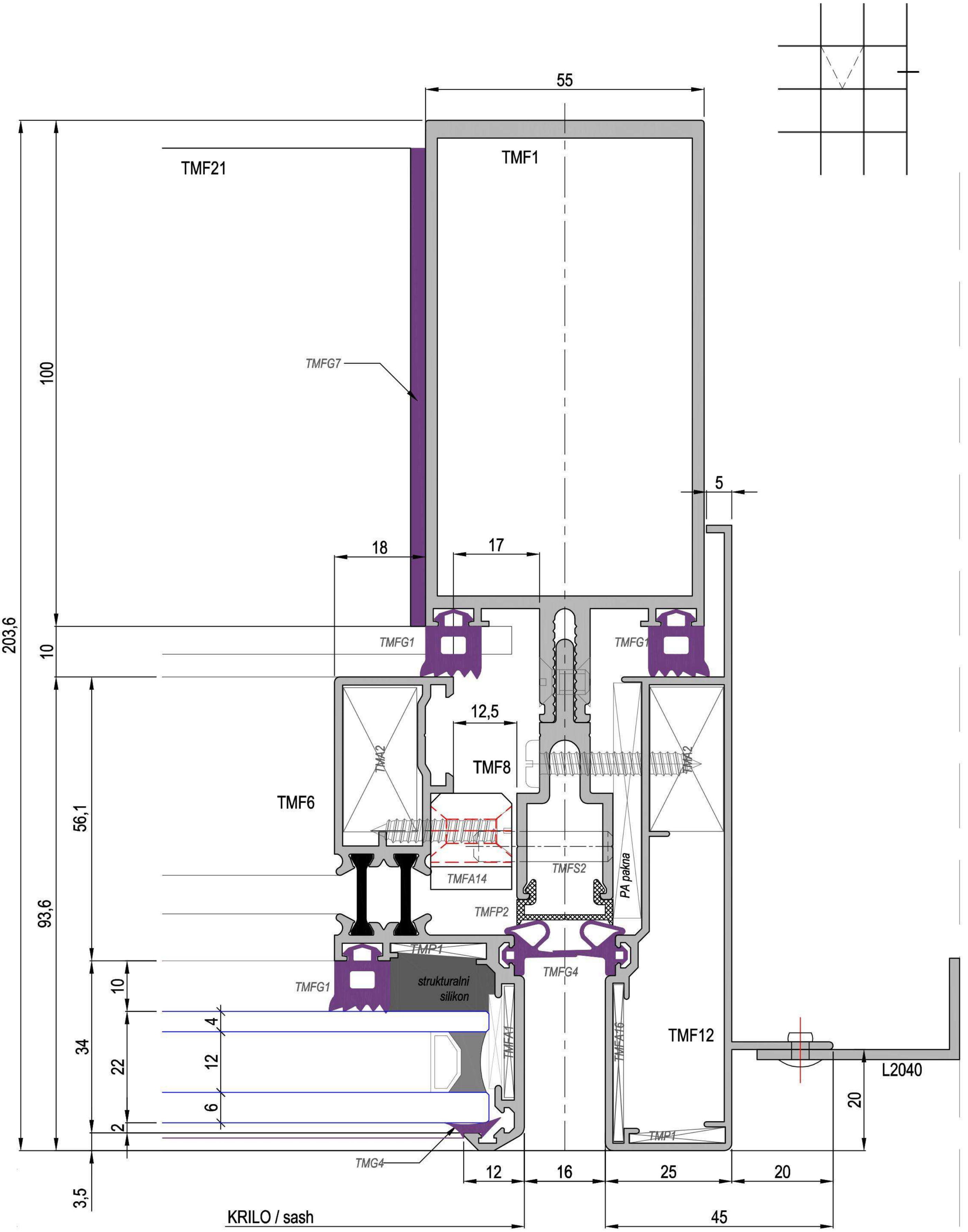
R 1:1





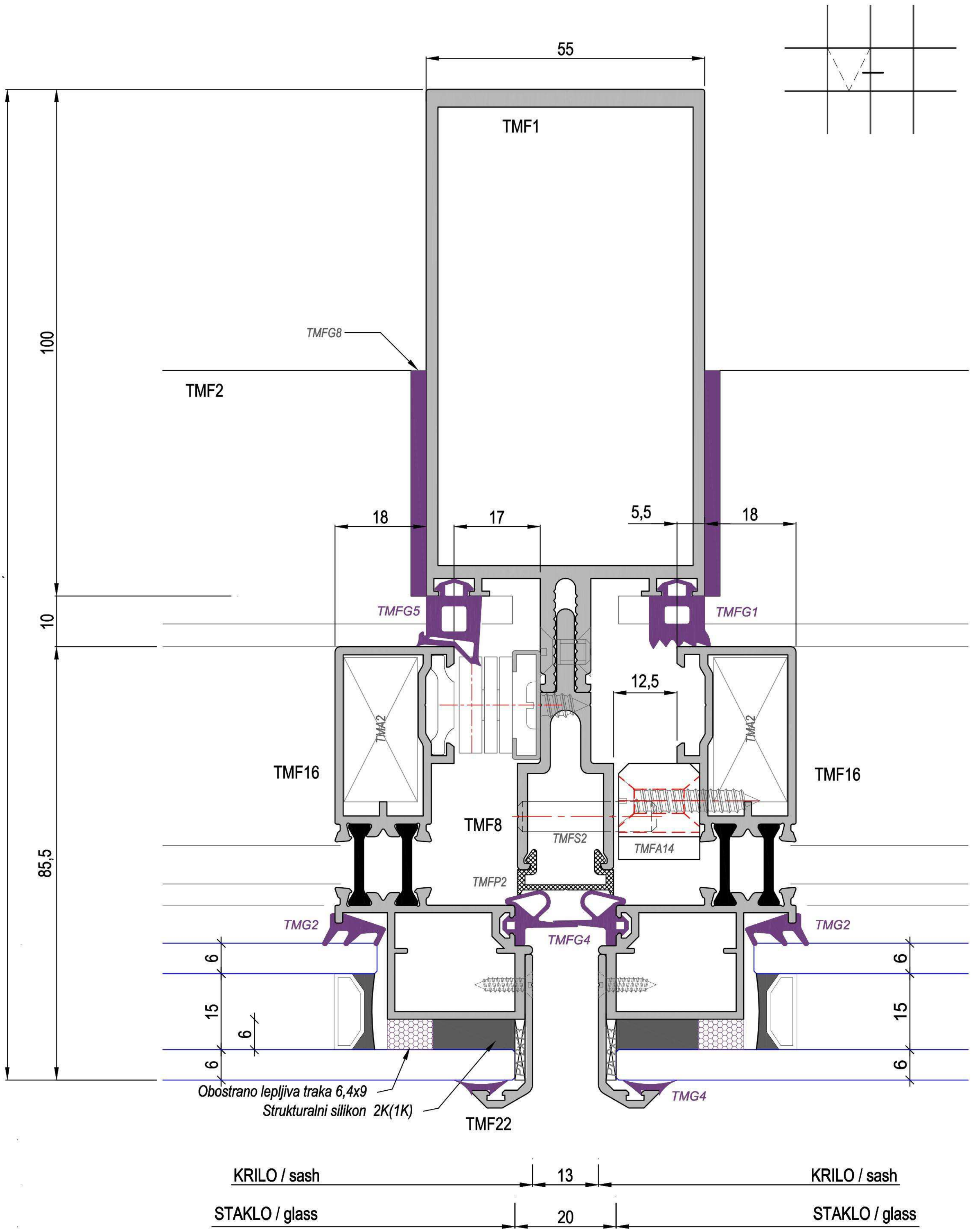
KRILO / sash
TMF6
TMA2
18
TMF21
strukturalni silikon
TMFG2
17
12
TMFA1
TMF8
16
55
TMFG4
TMFP2
12
TMFA1
TMFG2
TMG4
strukturalni silikon
TMP1
TMA2
18
TMFG1
TMF6
KRILO / sash
6
12
4
2
22
3,5
24
66,1
1
93,6
4,5
100
198,1

R 1:1


55
TMF21
TMF1
TMFG7
5
18
17
203,6
100
10
TMFG1
TMFG1
12,5
56,1
TMF6
TMA2
TMF8
TMA2
TMFA14
TMFS2
PA pakna
93,6
TMFP2
TMP1
TMFG4
10
TMFG1
strukturalni silikon
4
TMFA1
TMFA16
TMF12
34
22
12
L2040
6
20
2
TMP1
TMG4
12
16
25
20
3,5
KRILO / sash
45

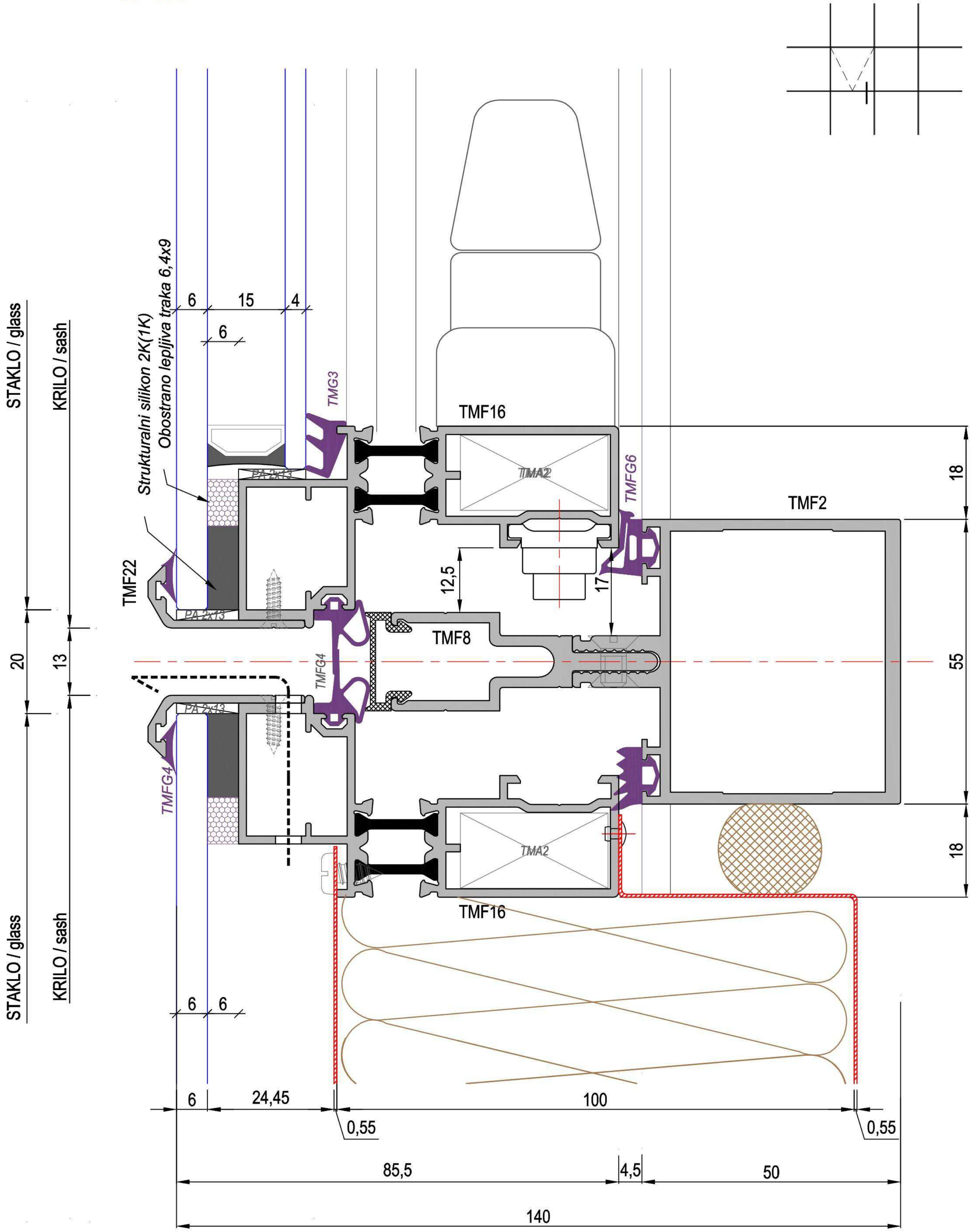
Semistructural facades (integrated)

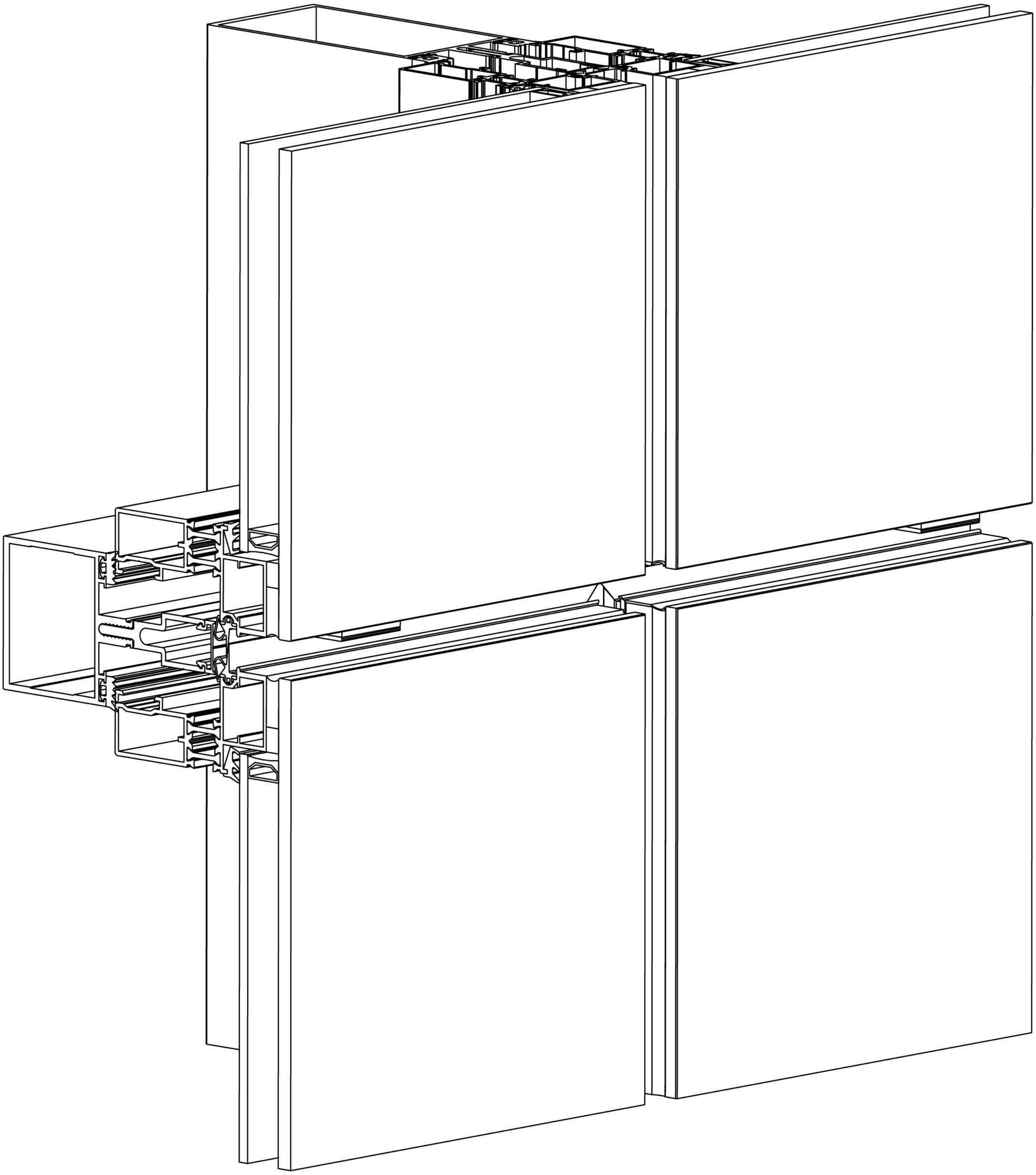
R 1:1



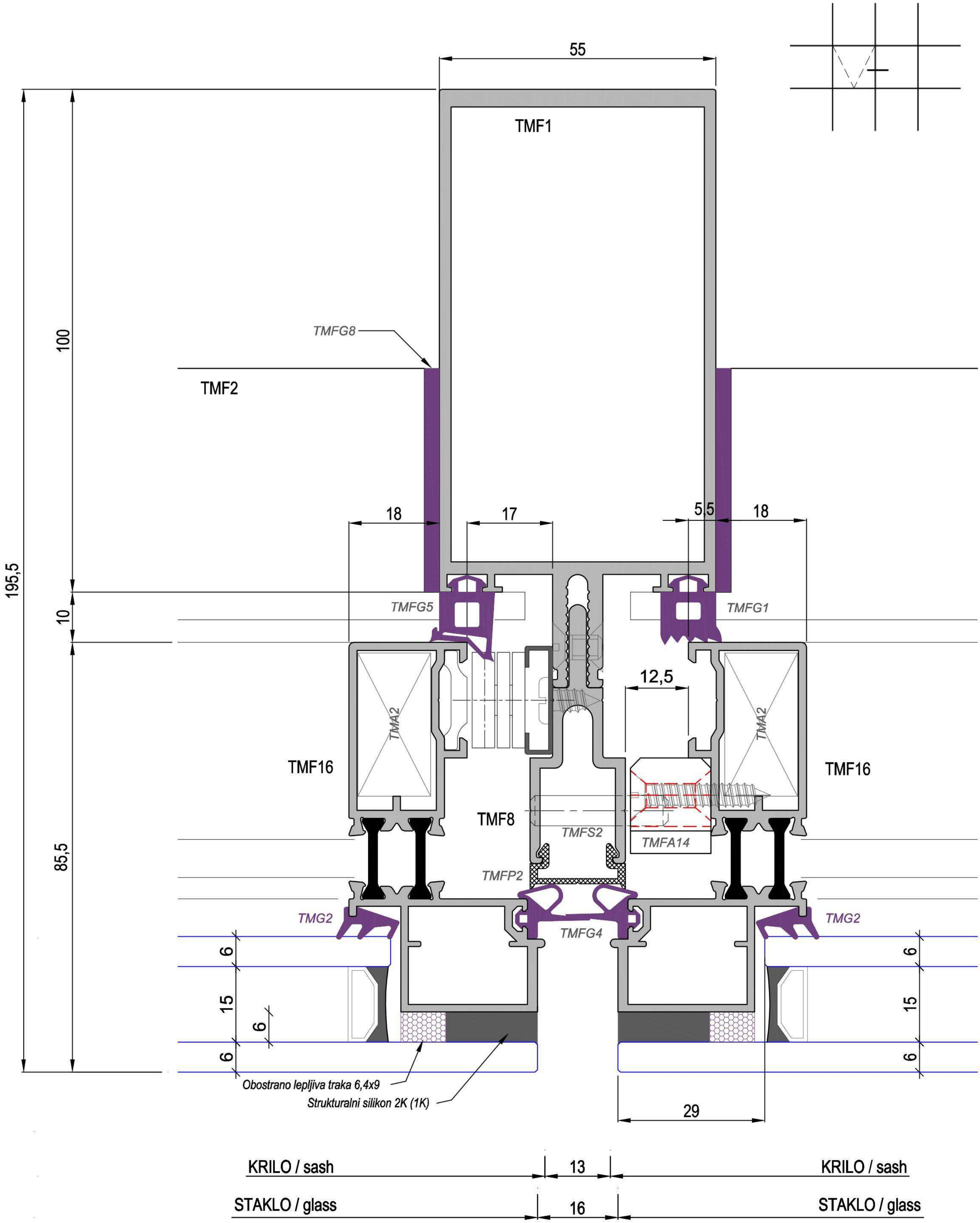
Semistructural facades (integrated)

R 1:1

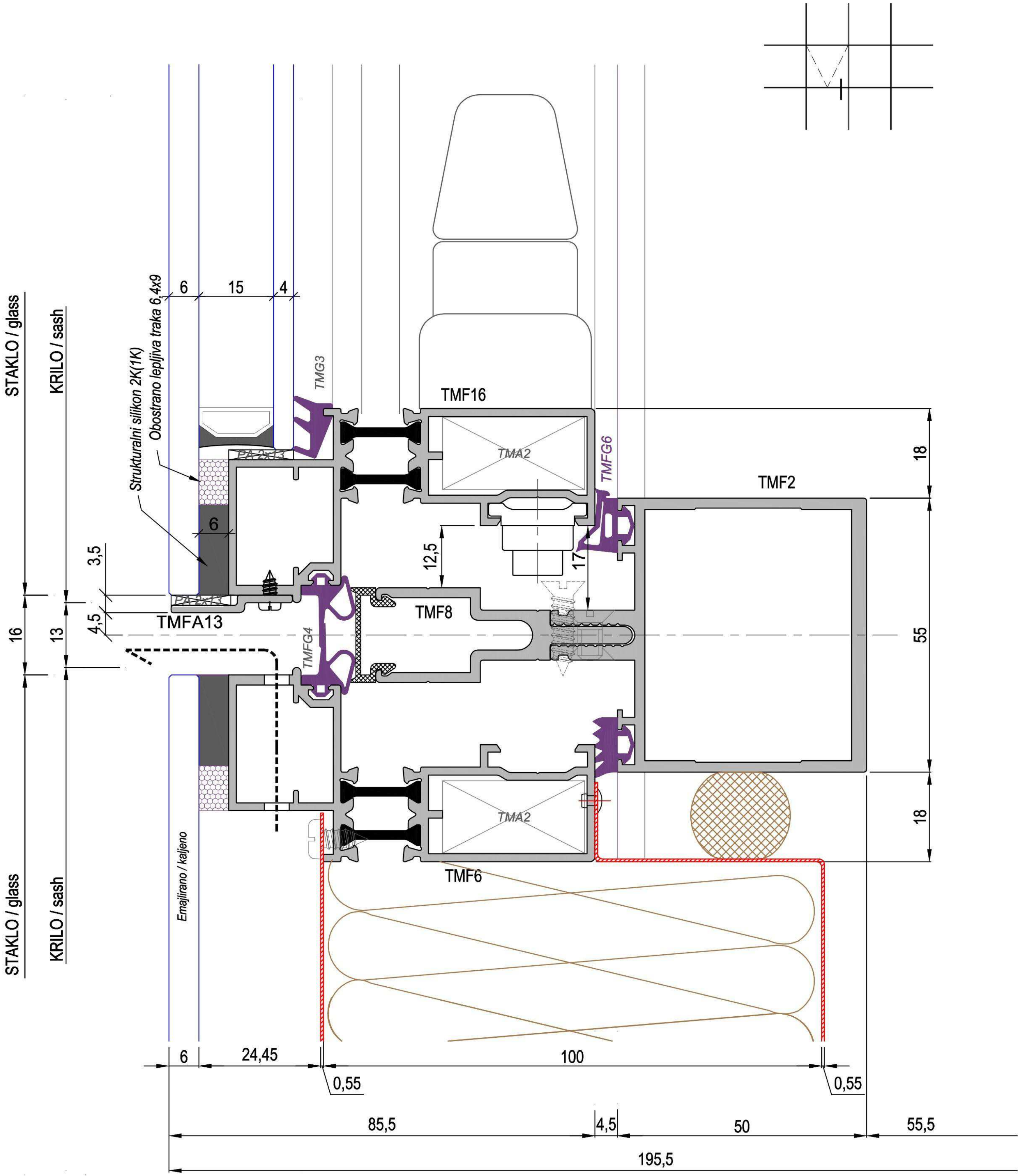




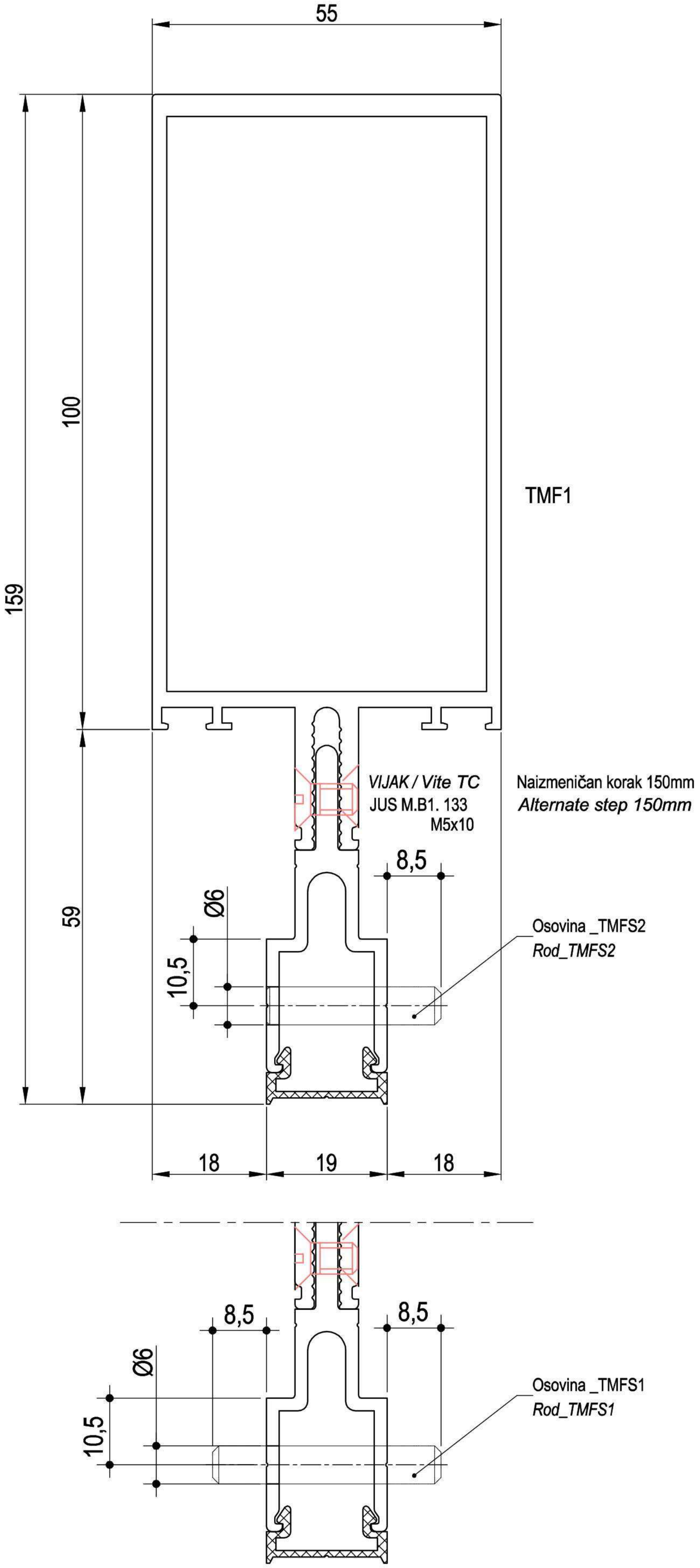
R 1:1


55
TMF1
TMFG8
TMF2
100
195,5
18
17
5,5
18
10
TMFG5
TMFG1
12,5
TMA2
TMA2
TMF16
TMF16
TMF8
TMFS2
TMFA14
85,5
TMFP2
TMG2
TMG2
TMFG4
6
15
6
6
6
15
6
Obostrano lepljiva traka 6,4x9
Strukturalni silikon 2K (1K)
29
KRILO / sash
13
KRILO / sash
STAKLO / glass
16
STAKLO / glass

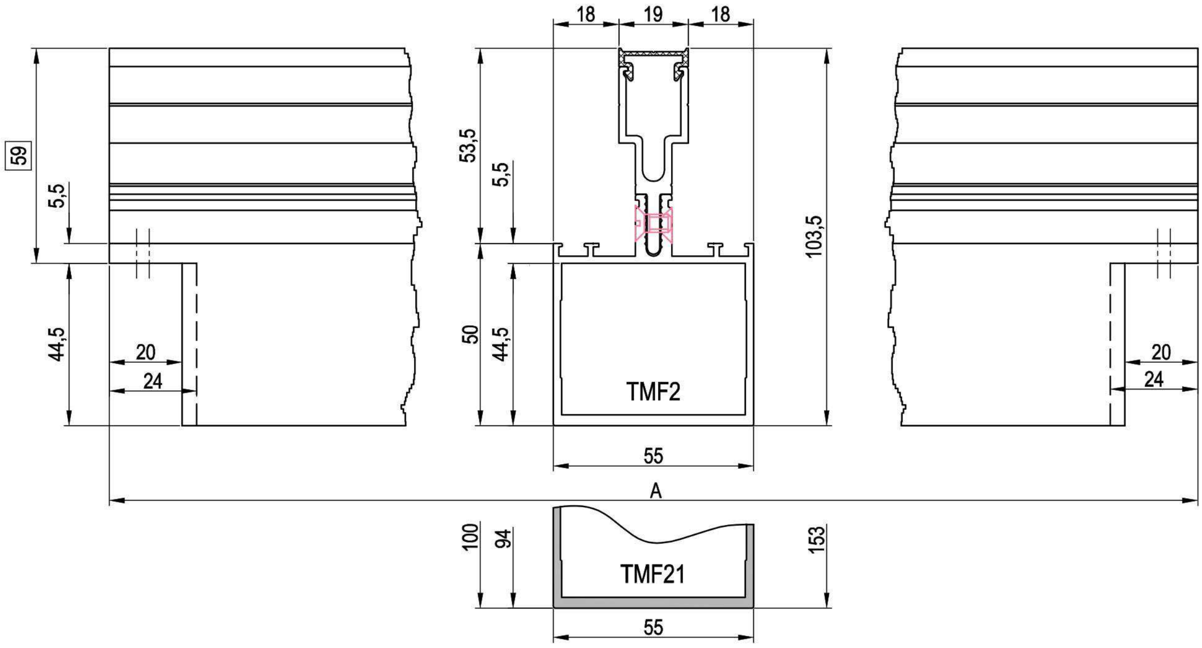
R 1:1


STAKLO / glass
KRILO / sash
Strukturalni silikon 2K(1K)
Obostrano lepljiva traka 6,4x9
6
15
4
TMG3
TMF16
TMA2
TMFG6
TMF2
18
55
18
PA 2x13
6
3,5
12,5
17
4,5
16
13
TMFA13
TMFG4
TMF8
TMF6
Emajlirano / kaljeno
STAKLO / glass
KRILO / sash
6
24,45
100
0,55
0,55
85,5
4,5
50
55,5
195,5

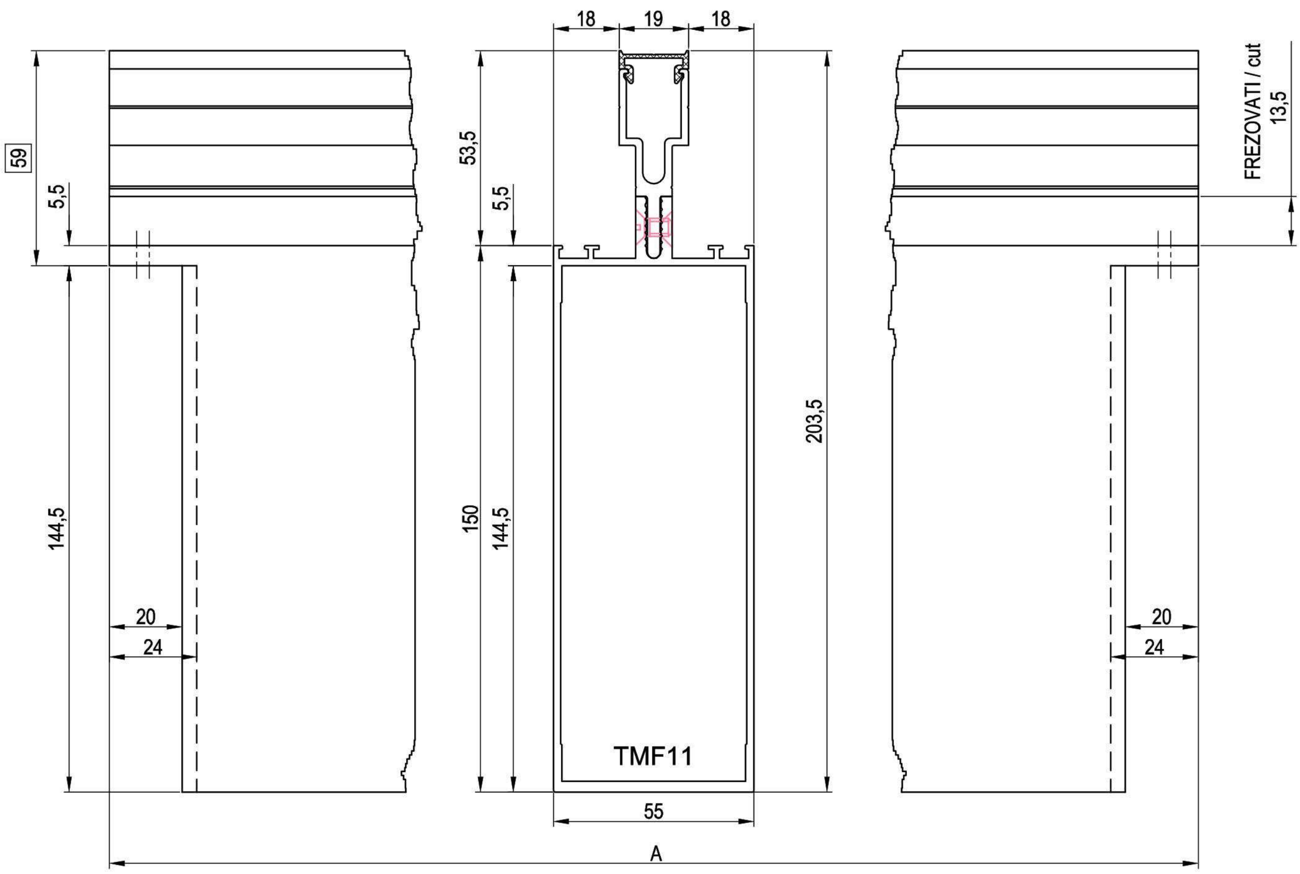
R 1:1


55
159
100
59
TMF1
VIJAK / Vite TC
JUS M.B1. 133
M5x10
Naizmeničan korak 150mm
Alternate step 150mm
8,5
Ø6
10,5
Osovina _TMFS2
Rod_TMFS2
18
19
18
8,5
8,5
Ø6
10,5
Osovina _TMFS1
Rod_TMFS1

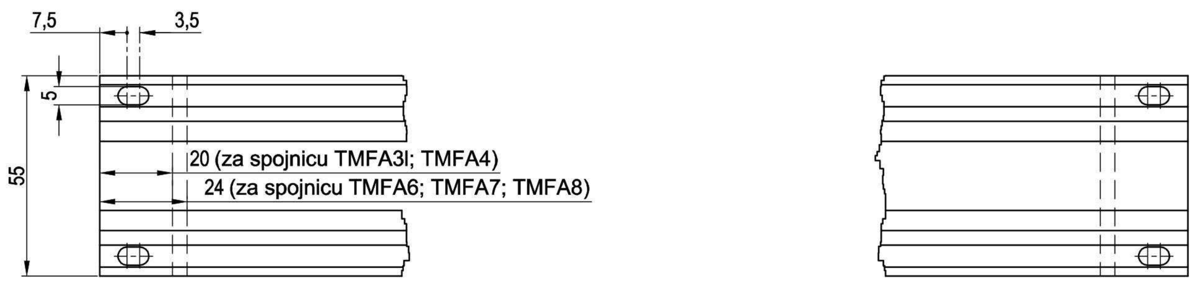
R 1:2



18
19
18
59
5,5
44,5
20
24
53,5
5,5
50
44,5
103,5
TMF2
55
A
100
94
TMF21
153
55

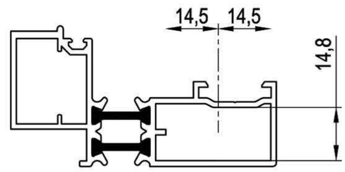


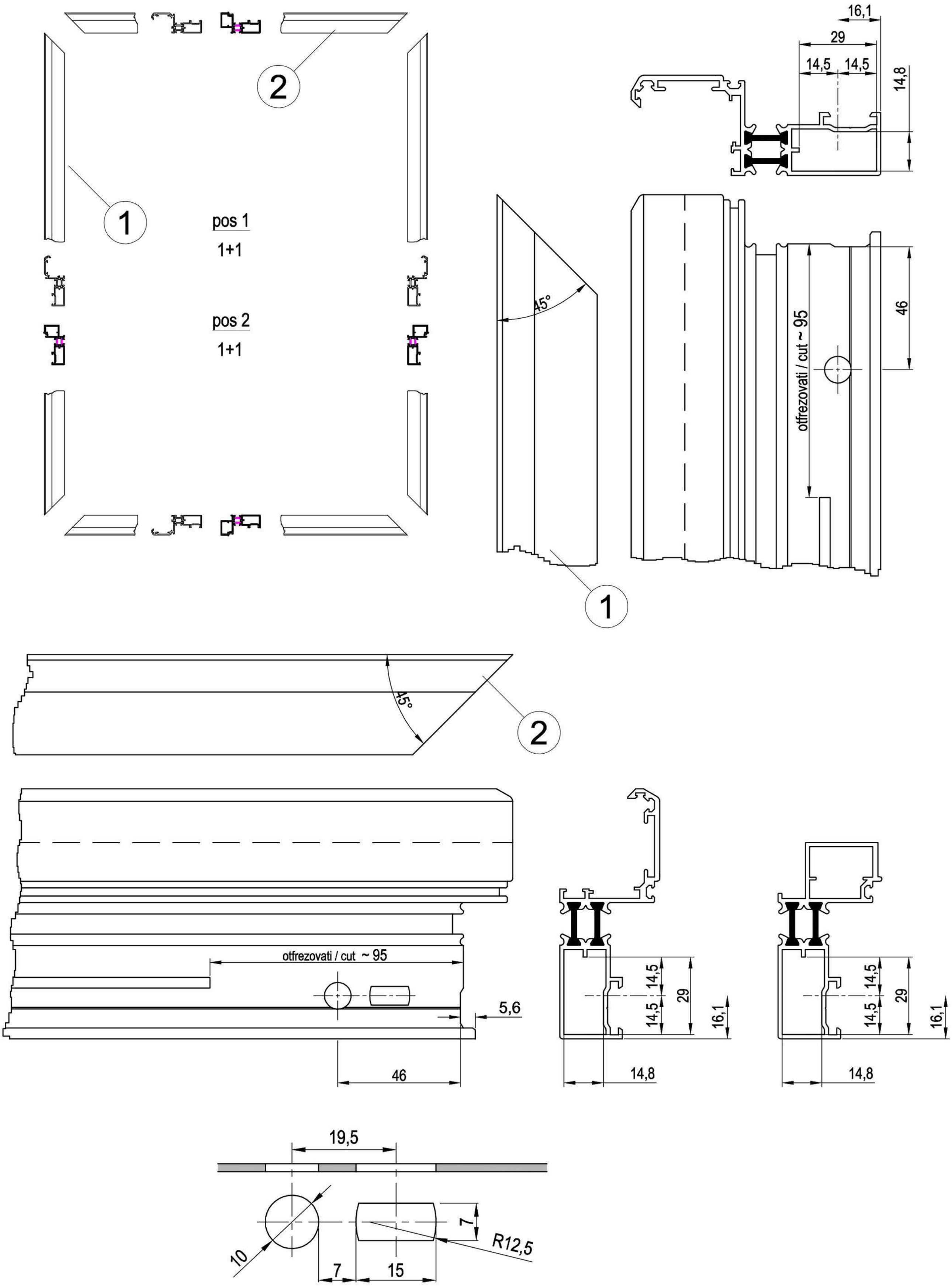
18
19
18
59
5,5
144,5
20
24
53,5
5,5
150
144,5
203,5
TMF11
55
A
FREZOVATI / cut
13,5



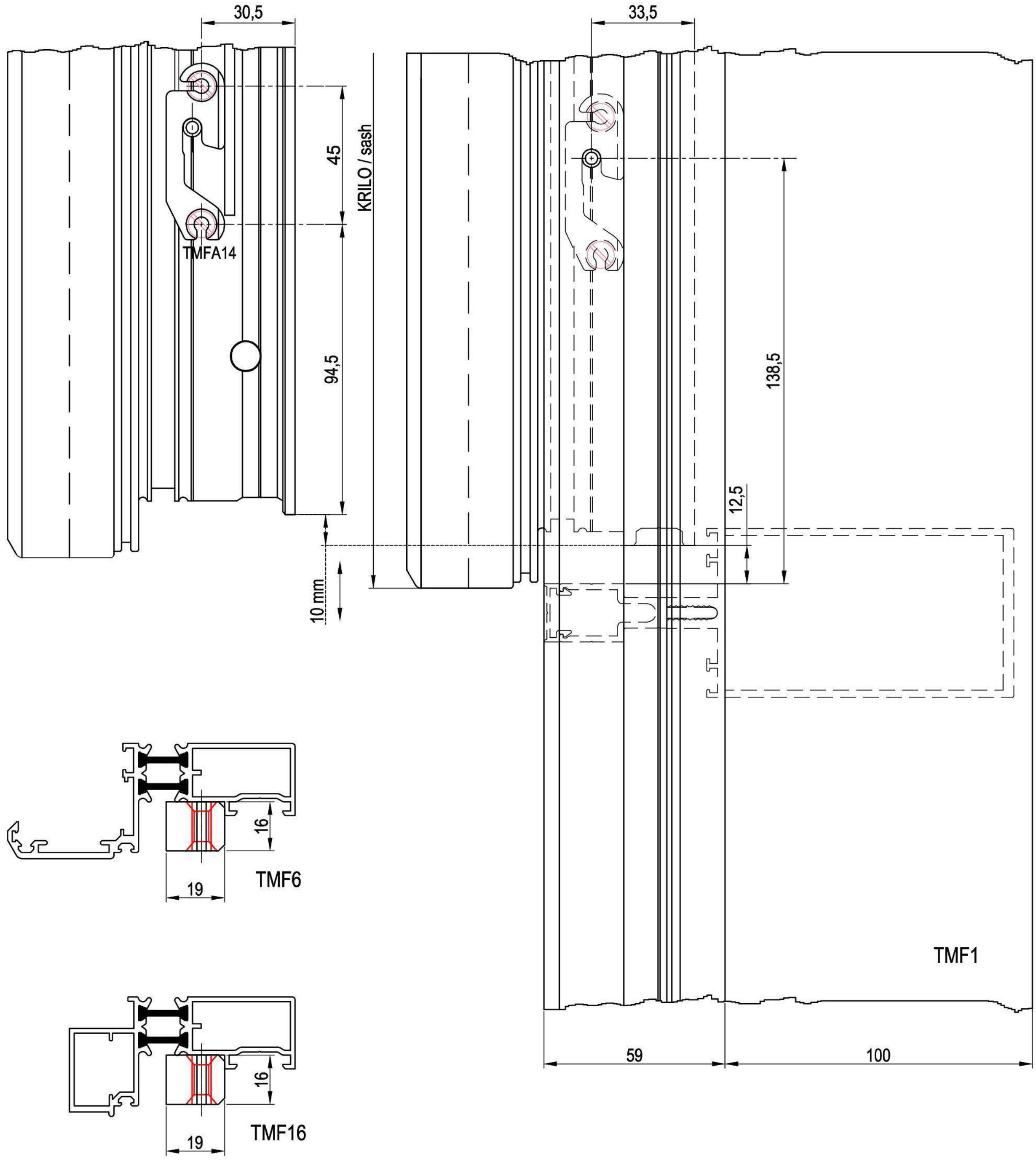
7,5
3,5
5
55
20 (za spojnicu TMFA3l; TMFA4)
24 (za spojnicu TMFA6; TMFA7; TMFA8)

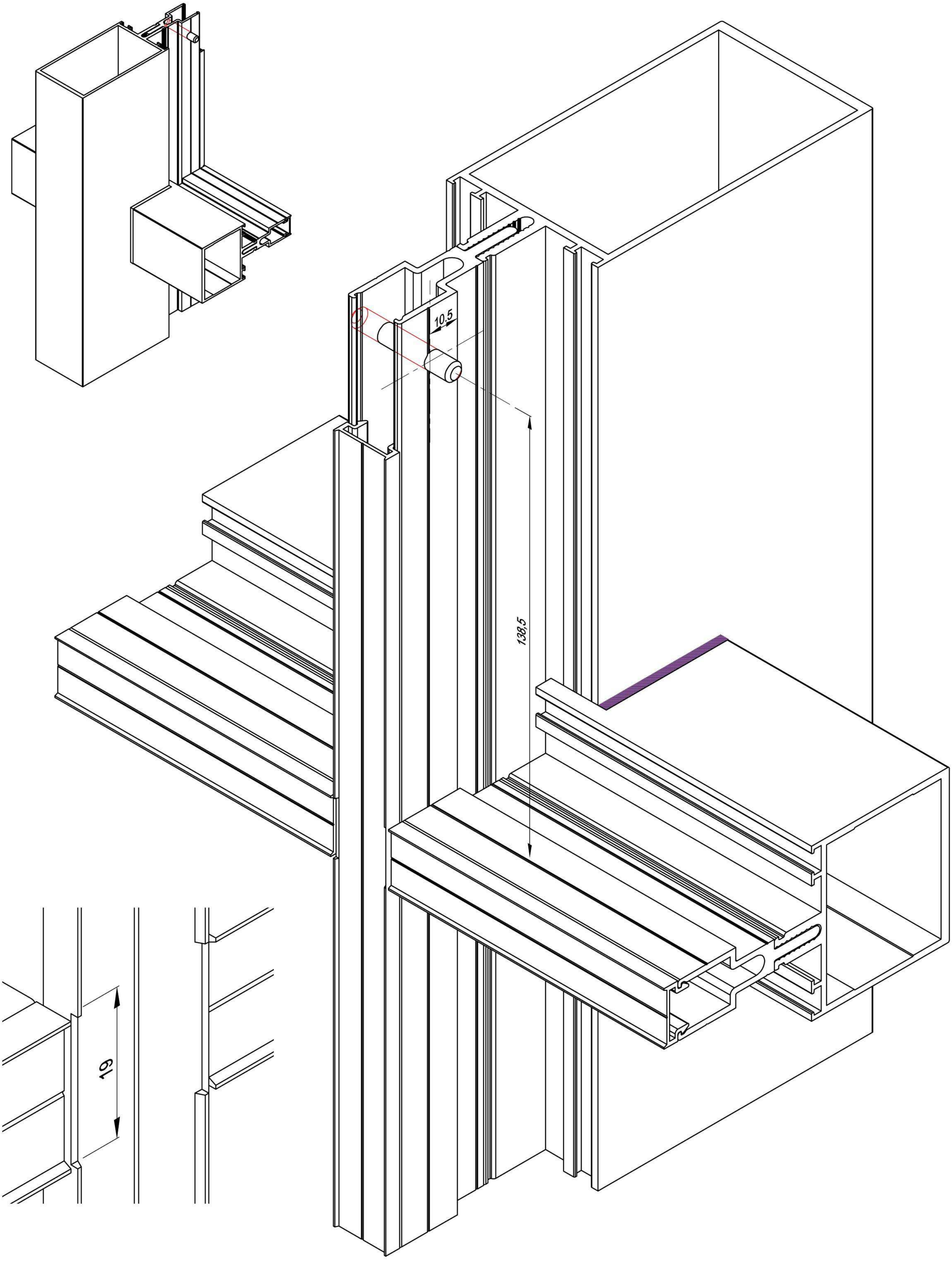
R 1:2


14,5
14,5
14,8


2
1
pos 1
1+1
pos 2
1+1
16,1
29
14,5
14,5
14,8
45°
otfrezovati / cut ~ 95
46
1
45°
2
otfrezovati / cut ~ 95
5,6
46
14,5
29
14,5
16,1
14,8
14,5
29
14,5
16,1
14,8
19,5
7
R12,5
10
7
15

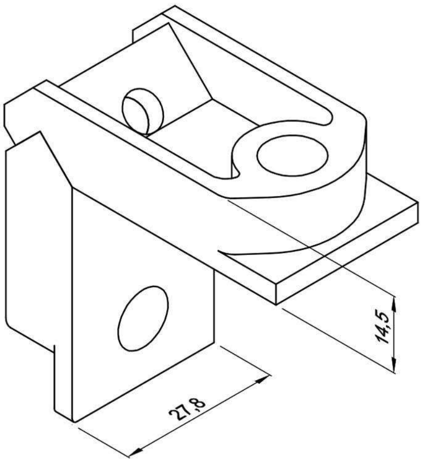
R 1:2

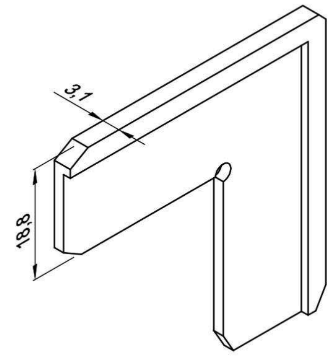

30,5
45
KRILO / sash
TMFA14
94,5
10 mm
33,5
138,5
12,5
59
100
TMF1
16
19
TMF6
16
19
TMF16


10,5
138,5
19

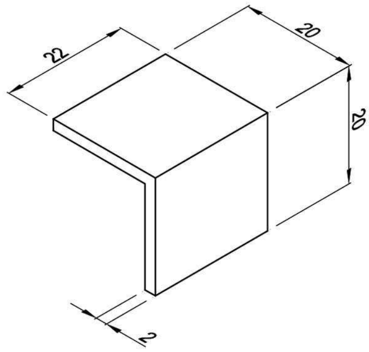
Al. ugaona patent spojnica
Corner cleat
Artikal : TMA2

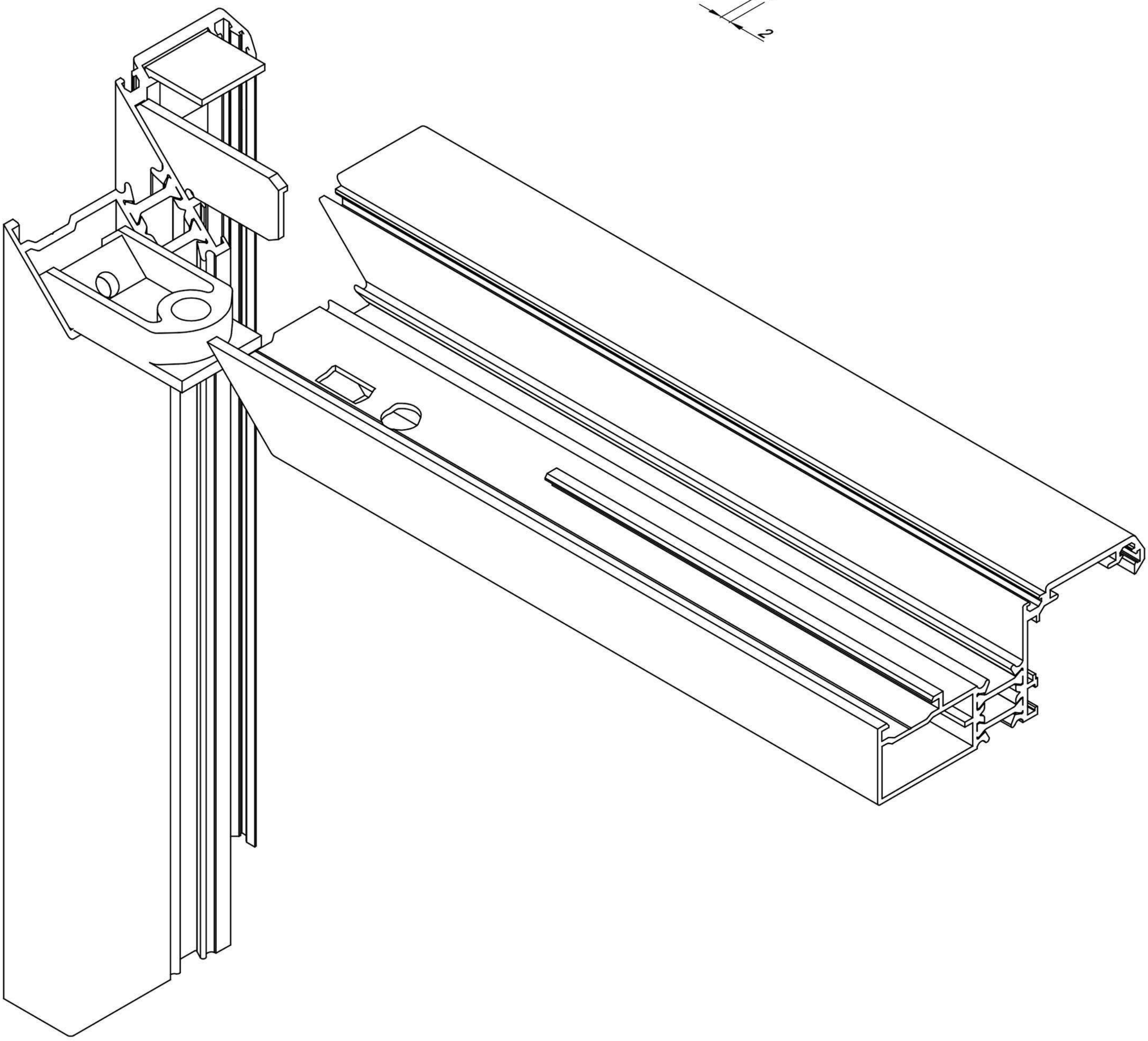
PVC ugaona spojnica
PVC corner cleat
Artikal : TMP1

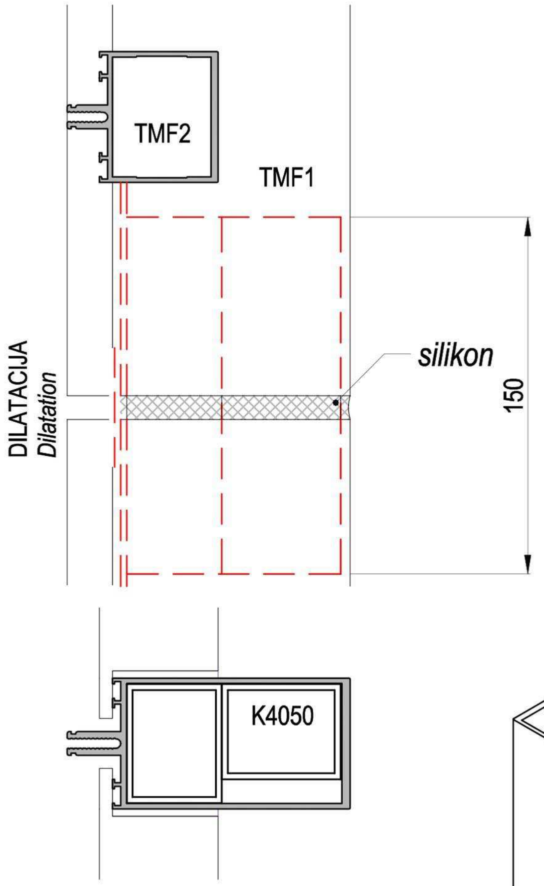




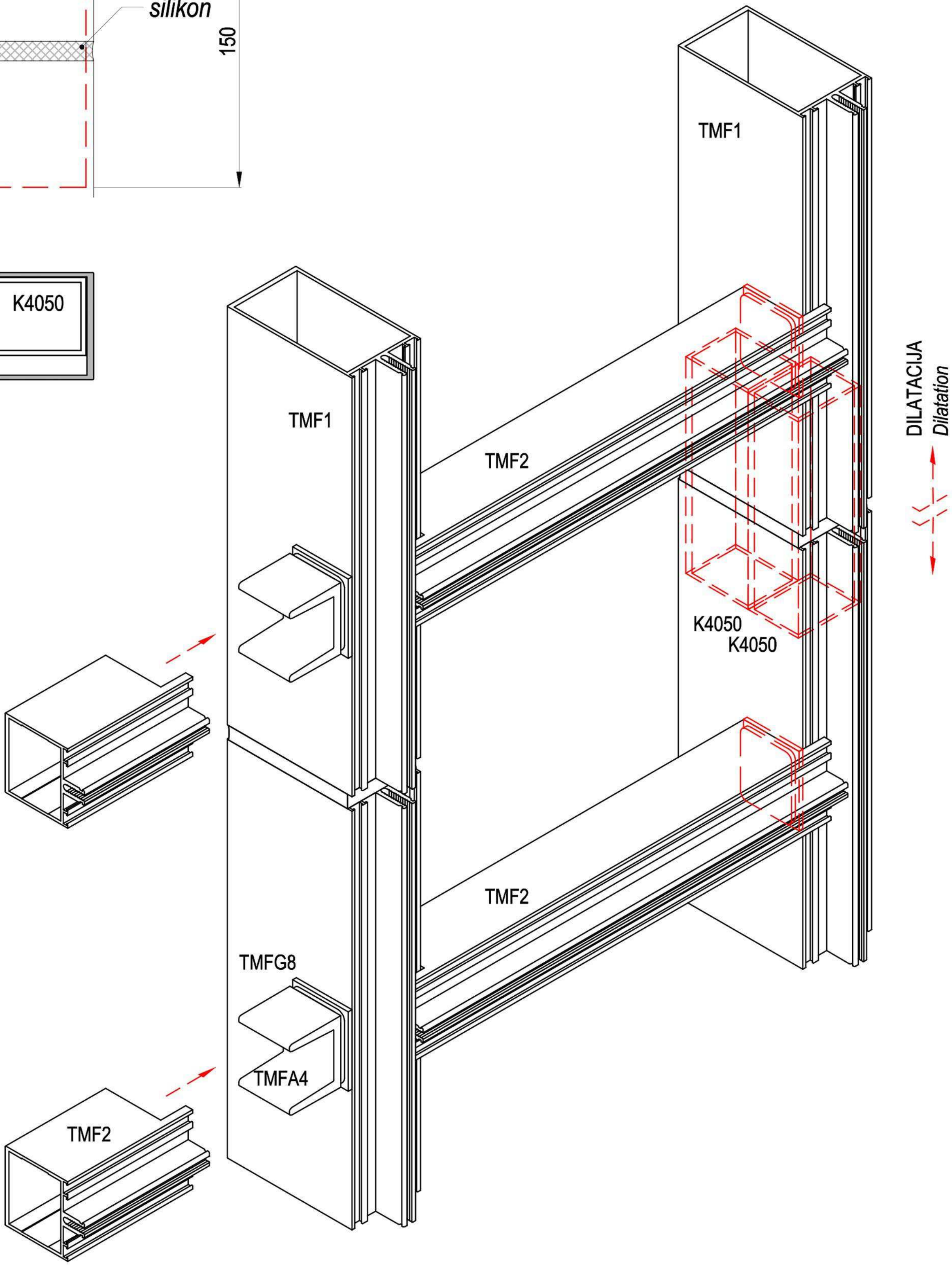
Al. ugaona spojnica
Corner cleat
Artikal : TMFA1



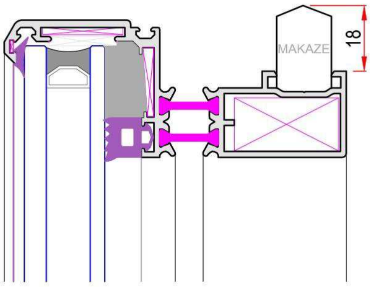




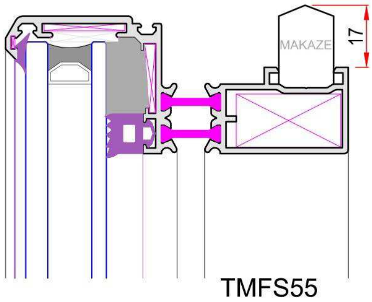
TMF2
TMF1
silikon
150
DILATACIJA
Dilatation
K4050



TMF1
TMF1
TMF2
DILATACIJA
Dilatation
K4050
K4050
TMF2
TMFG8
TMFA4
TMF2

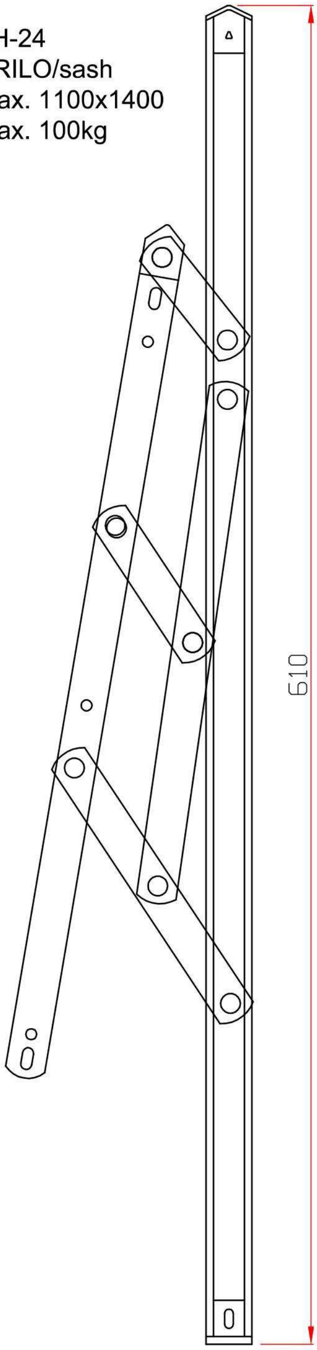


TMFC55

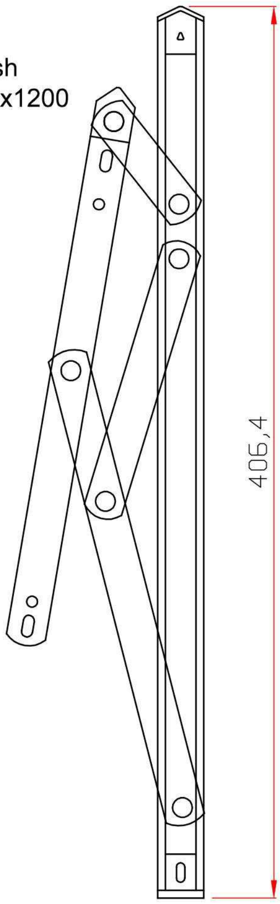


TMFS55
TMFST55

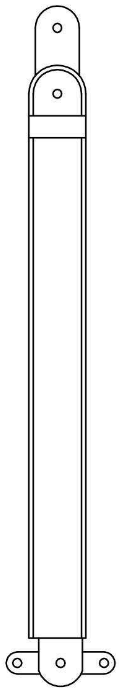
FH-24
KRILO/sash
max. 1100x1400
max. 100kg

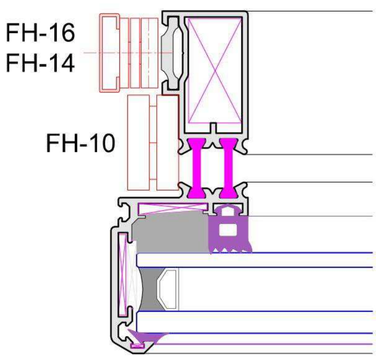


FH-16
KRILO/sash
max. 1000x1200
max. 70kg



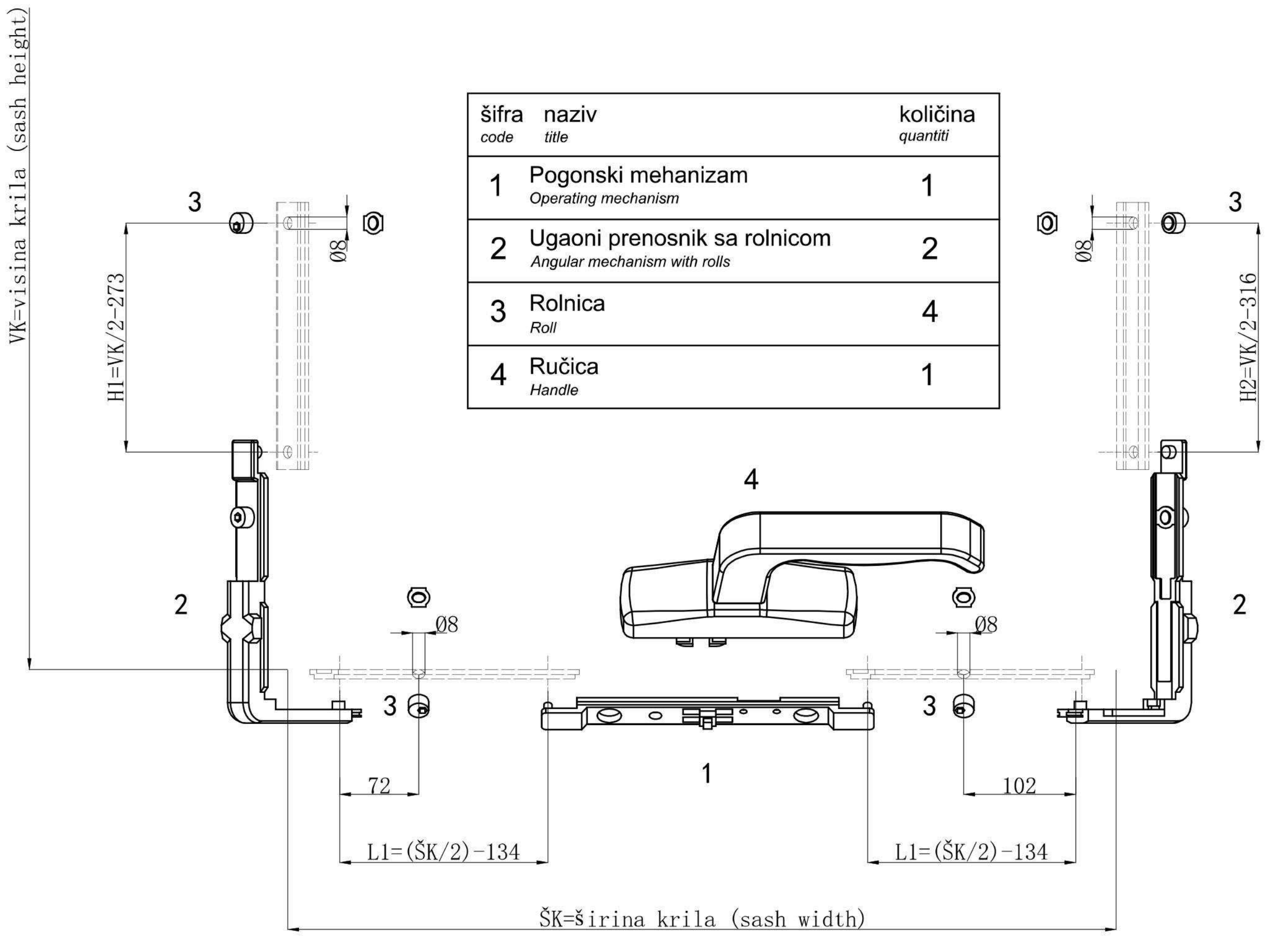
FH-10
POMOĆNA MAKAZA
Auxiliary hinge





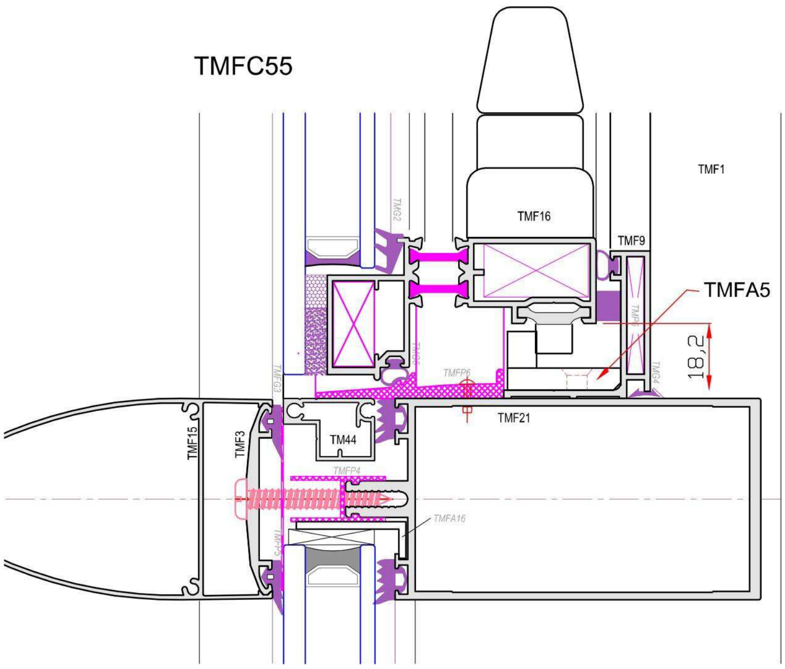
FH-10
ZA VISINU KRILA PREKO 1200mm
for sash height over 1200mm

Montaža ručice / Handle assembly

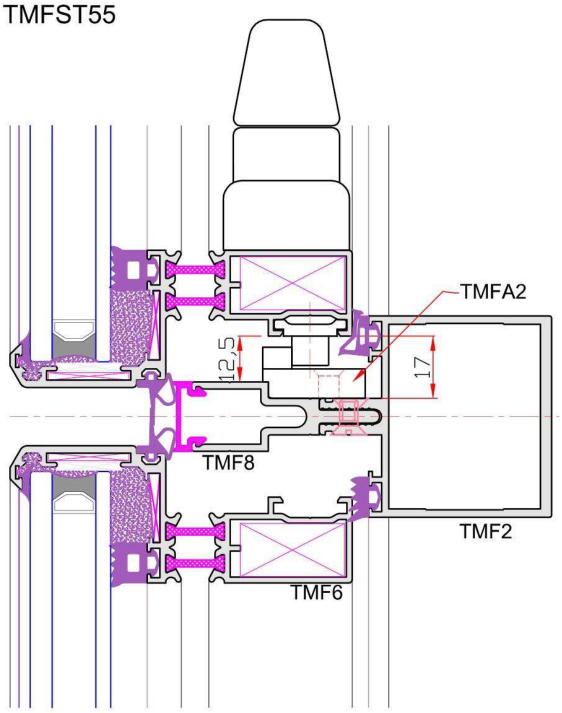


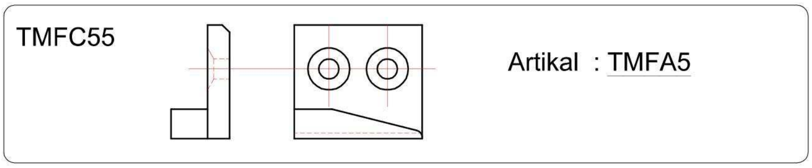
šifra *code*	naziv *title*	količina *quantiti*
1	Pogonski mehanizam *Operating mechanism*	1
2	Ugaoni prenosnik sa rolnicom *Angular mechanism with rolls*	2
3	Rolnica *Roll*	4
4	Ručica *Handle*	1

TMFC55

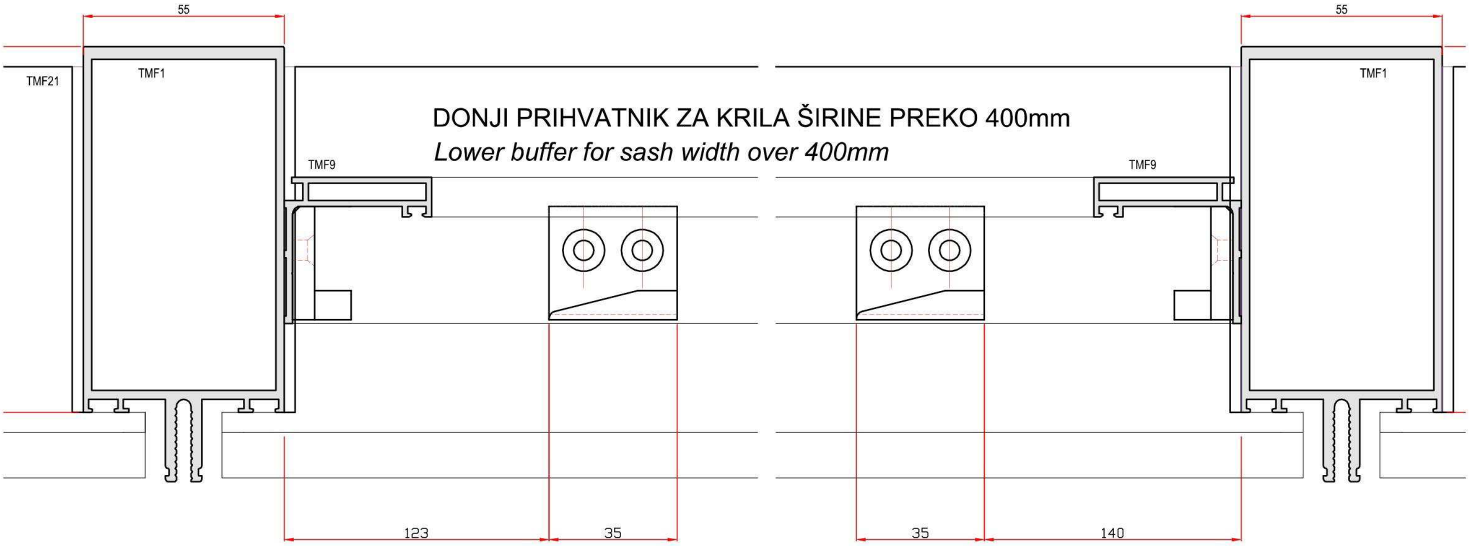


TMFS55
TMFST55

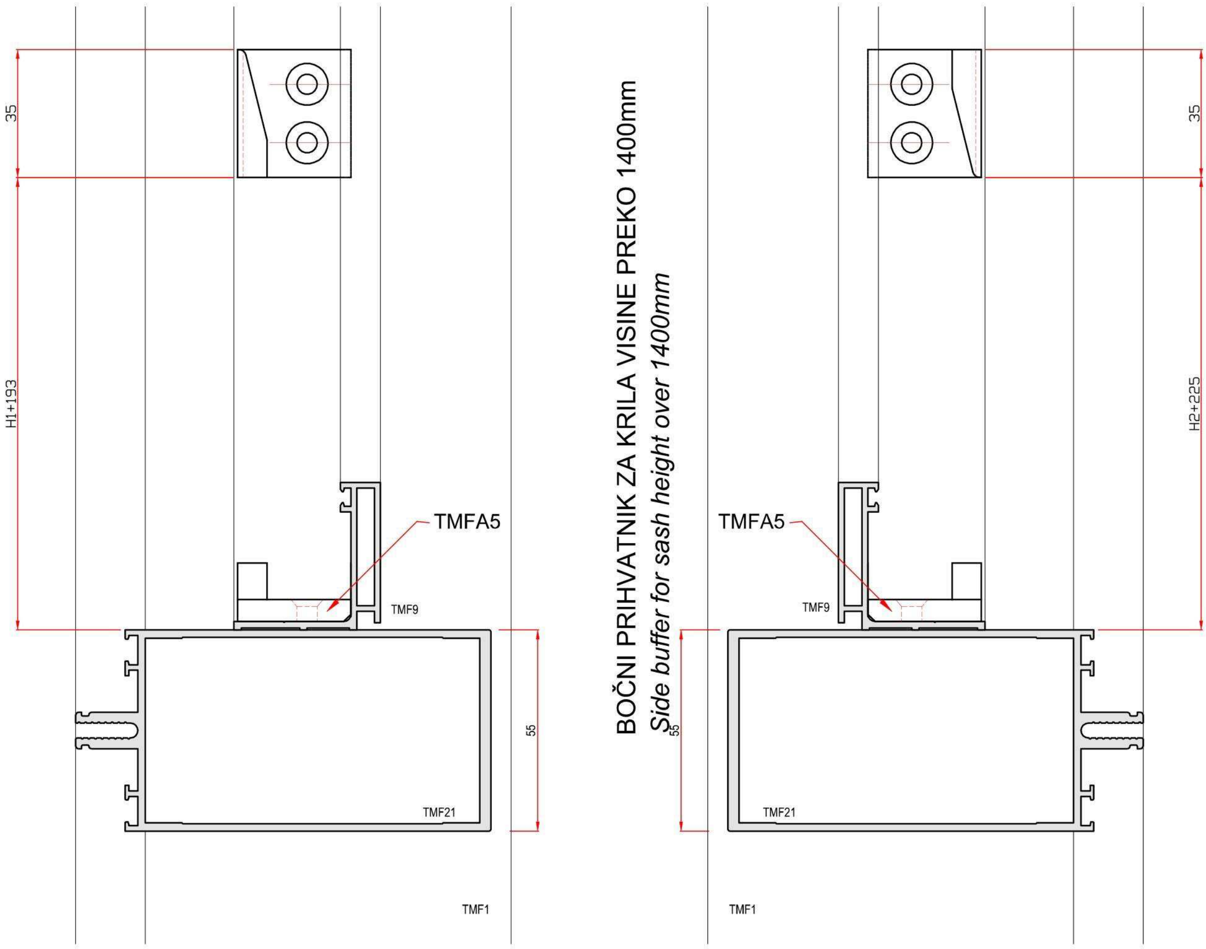




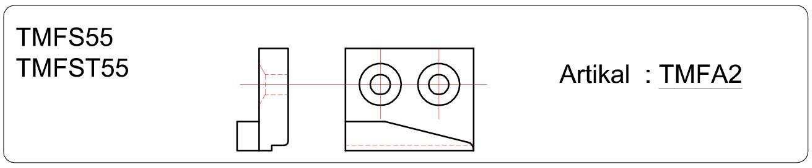
TMFC55
Artikal : TMFA5



55
TMF21
TMF1
DONJI PRIHVATNIK ZA KRILA ŠIRINE PREKO 400mm
Lower buffer for sash width over 400mm
TMF9
123
35
140

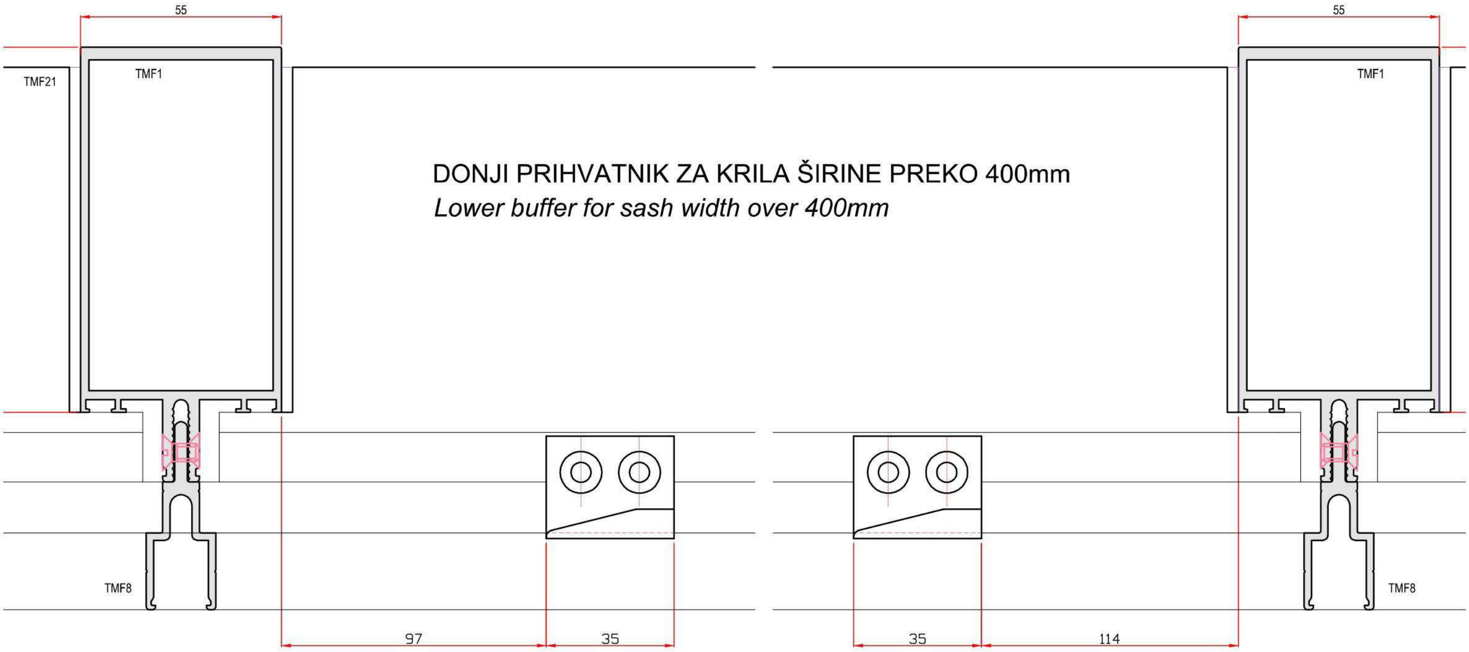


35
H1+193
H2+225
TMFA5
TMF9
55
TMF21
TMF1
BOČNI PRIHVATNIK ZA KRILA VISINE PREKO 1400mm
Side buffer for sash height over 1400mm



DONJI PRIHVATNIK ZA KRILA ŠIRINE PREKO 400mm

Lower buffer for sash width over 400mm



BOČNI PRIHVATNIK ZA KRILA VISINE PREKO 1400mm

Side buffer for sash height over 1400mm