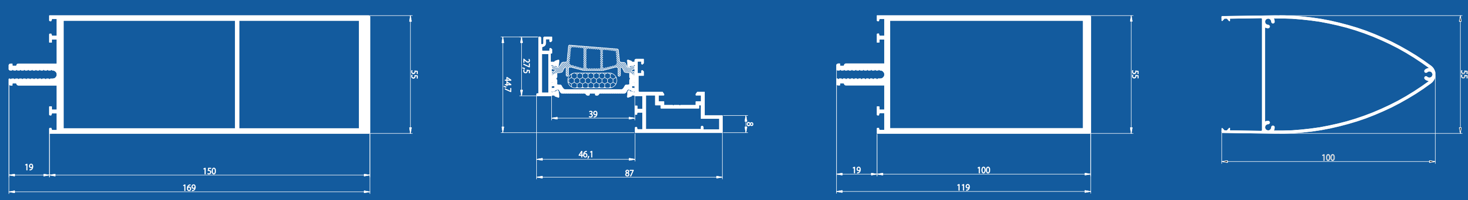
ALUMINIK CS55



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aluminijumski sistemi za ostakljene fasade
aluminium systems for glass facades
система алюминий для стакянных фасадов

DESIGNED AND MANUFACTURED BY TEHNOMARKET

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TEHNOMARKET

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ALUMINIK CS55

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ALUMINIK CS55

fasadni sistemi nove generacije

the new generation of facade systems

фасадные системы нового поколения

ALUMINIK CS55 sistemi za izradu savremenih ostakljenih fasada svojim dizajnom i performansama nude kompletno rešenje koje zadovoljava sve kriterijume savremene gradnje. Ovi fasadni sistemi namenjeni su za izradu energetski efikasnih staklenih fasada za primenu na svim vrstama zahtevnih projekata.

ALUMINIK CS55 sastoji se od tri tipa staklenih fasada prilagođenih različitim namenama:

• **kontinualna fasada**
sa naglašenim horizontalnim i vertikalnim profilima

• **strukturalna fasada**
sa isključivo staklenom vidnom površinom fasade

• **kombinovana fasada**
sa naglašenim horizontalnim profilima i strukturalnom vertikalom

ALUMINIK CS55 glass facade systems , with their design and performance, offer a complete solution for contemporary architecture. These facade systems are suitable for construction of energy efficient glass facades on all types of demanding projects.

ALUMINIK CS55 line consists of three types of glassfacades with distinctive features:

• **continual facade**
with emphasized horizontal and vertical profiles

• **structural facade**
with minimal, pure glass design

• **combined facade**
with emphasized horizontal profiles and structural type verticals

LUMINIK CS55 стекло фасадные систе-мы , с их дизайна и производительности , предложить комплексное решение для современной архитектуры . Эти фаса-дные системы подходят для строите-льства энергоэффективных стекля-нных фасадов на всех типах сложных проектов .

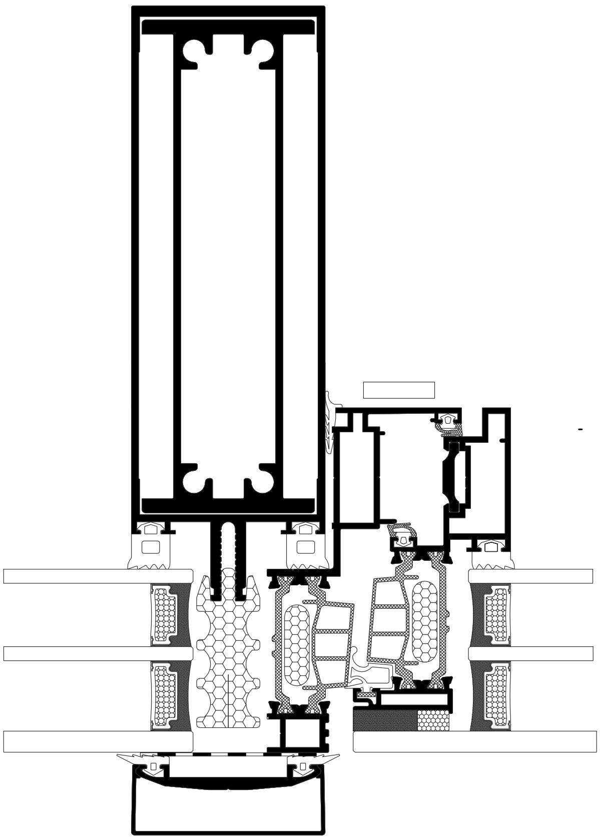
ALUMINIK CS55 линия состоит из трех типов glassfacades с отличительных особенностей:

• **continual фасада**
с подчеркнуто горизонтальных и вертикальных профилей

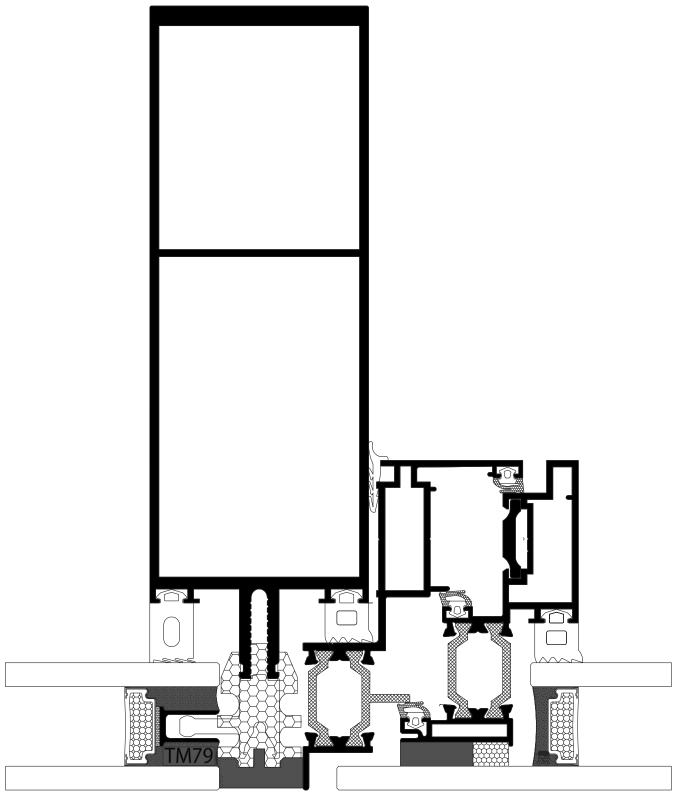
• **structural фасада**
с минимальным , чистого дизайна стекла

• **combined фасада**
с горизонтальными профилями подчеркнул и структурных вертикалей типа

KONTINUALNA FASADA
CONTINUAL FACADE
CONTINUAL ФАСАДА



STRUKTURALNA FASADA
STRUCTURAL FACADE
STRUCTURAL ФАСАДА



ALUMINIK CS55

fasadni sistemi nove generacije

the new generation of facade systems

фасадные системы нового поколения

Kao najbitnije karakteristike ALUMINIK CS55 sistema izdvajaju se:

- vidljiva širina vertikalnih i horizontalnih profila od 55mm
- tri vizuelno različita sistema sa ugradnim dubinam od 100 do 250mm
- mogućnost primene jednoslojnih, dvoslojnih i troslojnih paketa stakla širine od 6 do 60mm
- izuzetne termičke karakteristike koje doprinose boljoj izolaciji objekata. Sistem kontinualne ALUMINIK CS55 fasade sa troslojnim staklom nudi koeficijent prolaza toplote Uw=0,64W/m²K
- unificiranost sistema, veliki broj zajedničkih profila i pratećeg pribora pojednostavljuje proizvodnju uz idealan odnos cene i kvaliteta
- moguća primena u vertikalnim i kosim fasadama, kao i krovovima i krovnim lanternama sa minimalnim nagibom od 7%
- svi elementi i materijali bezbedni su za stanovanje i upotrebu, pa su tim i sistemi verifikovani CE znakom
- potvrđeni parametri izolovanosti na vetar i vazduh, vodu i zvuk

The most important features of ALUMINIK CS55 systems are:

- the visible width of vertical and horiyontal profiles is 55mm
- three visually different systems with installation depth from 100 to 250mm
- support for single, double and triple glazing packages 6mm to 60mm in width
- exceptional thermal performance that significantly improves the insulation. ALUMINIK CS55 facade szstem with triple glazing features an impressive Uw=0,64W/m²K
- modular design with many shared system profiles and accessories drasti-cally simplifies the manufacturing proces and adds to good price to performance ratio
- can be used for facades, glass roofs and roof skylights with minimal slope of 7%
- all system elements and materials are safe, environmentaly friendly and CE certified
- confirmed and certified values of air and water impermeability, sound penetration and windload resistance

Наиболее важные особенности системы ALUMINIK CS55 являются:

- видимая ширина вертикальных и horiyontal профилей 55мм
- три визуально различные системы с монтажной глубиной от 100 до 250 мм
- поддержка единственный, двойных и тройных пакетов остекления 6 к 60mm в ширину
- ALUMINIK CS55 фасад szstem с тройным остеклением оснащен впечатляющим Uw=0,64W/m²K
- модульная конструкция со многими общими профилей и аксессуаров упрощает производственный процесс и добавляет к хорошей цене, чтобы соотношением
- может использоваться для фасадов, стеклянных крыш и мансардные окна с минимальным наклоном от 7 %
- все элементы и материалы системы являются безопасными , environmentaly дружелюбны и CE сертифицированы
- подтверждена и сертифицирована значения воздуха и водонепроницаемости , звуковой проникновения и

TERMIKA / THERMAL PERFORMANCE / ТЕПЛОТЕРМИЧЕСКИЕ СВОЙСТВА

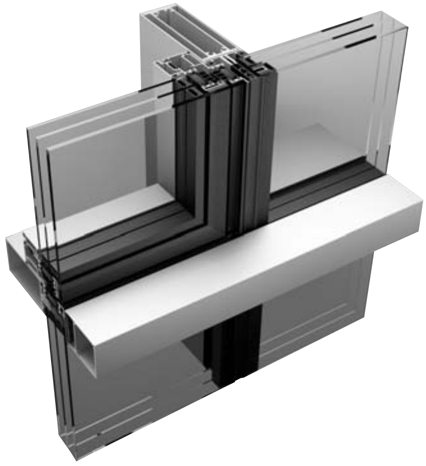
	dvoslojno / double двухслойный	troslojno / triple/ трёхслойный	dvoslojno / double двухслойный	troslojno / triple/ трёхслойный	
	Uf	Uf	Ucw*	Ucw*	
kontinualna/continual/ непрерывная	0.91	0.72	0.90	0.64	W/m²K
strukturalna /structural/структурная: silicone/silikon/силикон	1.22	0.79	0.93	0.79	W/m²K
debljina ispune/infill thickness					
kontinualna/continual	6-12mm	28-41mm	47-60mm		
strukturalna/structural		32-41mm	49-58mm		

**Tipsko polje/facade raster/ основной элемент 2635mm x 3765mm (3 vertikale/verticals/ + 4 horizontale/horizontals/горизонтальные); Staklo dvoslojno/double glazing/стекло двухслойное Ug:1.0 W/m²K (2x1668mm x 2445mm); Staklo troslojno/triple glazing/стекло трёхслойное Ug: 0.5 W/m²K; Parapet/spandrel/парапет Up: 0.19 W/m²K (2x1235mmx1500mm) Distancna lajsna u staklu/IGU spacer/шовная планка в стекле - Warm Edge Swisspacer W Ψ 0.03*

Sistem ALUMINIK CS55

System ALUMINIK CS55

Система ALUMINIK CS55



KONTINUALNA **CONTINUAL**	**STRUKTURALNA** **STRUCTURAL**	**KOMBINOVANA** **COMBINED**

Tehnički opis sistema

Sistem profila ALUMINIK CS55 čini grupa aluminijumskih profila projektovanih za izradu aluminijumskih ostakljenih fasada kao i krovnih lanterni minimalnog nagiba od 10%. Osnovni koncept fasade je primarna aluminijumska konstrukcija sačinjena od vertikalnih i horizontalnih profila širine 55mm i dubine od 50 do 175mm. Vrhunska prednost sistema se bazira na mogućnosti upotrebe istovetnog profila za vertikalu i horizontalu što doprinosti višestruko boljoj optimizaciji i jednostavnosti konstrukcije. Ispuna formiranih polja može biti staklena ili panelna.

Prema vizuri, odnosno sistemu fiksiranja ispuna izdvajaju se tri podsistema:

- **KONTINUALNA** - sa vidiljivim pritisnim profilima
- **STRUKTURALNA** - bez vidljivih pritisnih profila
- **KOMBINOVANA** - u kombinaciji vidljivih i strukturalnih vizura

Profili sistema ALUMINIK CS55 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). Sistem ima integrisan termički prekid. Termički prekid se ostvaruje ispunama od LDPE sunđerastog profila kao i poliamidnim trakama 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 je kontrolisana. Ovakvom konstrukcijom obezbeđena su odlična termoizolaciona svojstva.

Fasade ALUMINIK CS55 imaju integrisane sisteme za ventiliranje i drenažu, tako da je isključena mogućnost pregrevanja fasade u letnjim mesecima, kao i prodor atmosferske vode u objekat. Sistemske kotve su prilagođene najrazličitijim vidovima oslanjanja ili ovešanja fasade uz povećanu nosivost.

Zaptivanje svih elemenata sklopa se vrši trajno elastičnim EPDM zaptivkama koje su otporne na starenje i uticaj ultraljubičastih zraka. Izor velikog broja zaptivki različitih dubina omogućava sistemu modularnost i širok izbor različitih tipova i debljina ispuna.

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.

ALUMINIK CS55 Technical description

Aluminik CS55 aluminium profile system group is designed for manufacturing of curtain walls and glass roof skylights (with minimal slope of 10%). The basic facade structure consists of 55mm wide aluminium profiles, with available depths varying from50mm up to 175mm, depending on the requirements. The final unit infill can be either glass or any other panel materia suitable for exterior usage.

According to fixing system and visual appearance, there are three major groups of ALUMINIK CS55 curtain walls :

- **CONTINUAL** - with visible horizontal and vertical outer profiles
- **STRUCTURAL** - without visible horizontal and vertical outer profiles
- **COMBINED** - combination of visible and invisible outer profiles

Aluminium profiles are manufactured in Tehnomarket's own extrusion factory. The raw material used is primary aluminium alloy AlMgSi0.5 (AA6063 and AA 6060) with minimum tensile strength of 210KN/mm2. ALUMINIK CS55 system features integrated thermal break achieved with polyamide stripes (PA 6,6 with 25% glass fibers) with certified chemical composition and mechanical properties. Guaranteed shearing force for profiles connected with polyamide stripes is strictly controlled during production. This type of profile construction provides exceptional thermal performance.

Other important features of ALUMNINIK CS55 system are integrated ventilation and drainage systems that completely neutralize overheating or water penetration. Sealing between frame and sash is achieved with three separate EPDM gaskets resistant to UV light.

The system is available in both anodized or powder-coated surface finish with optional different colors of inner and outer part of the profile.

Техническое описание системы

Система профилей ALUMINIK CS55 - группа алюминиевых профилей, проектированных для изготовления алюминиевых остекленных фасадов, как и застекленных крыш для фонарей с минимальным наклоном от 10%. Основная концепция фасада - первичная алюминиевая конструкция, которая состоит из вертикальных и горизонтальных профилей шириной 55 мм и глубиной от 50 до 175 мм. Заполнение образованных полей может быть стеклянное или панельное.

По перспективе, то есть системы фиксации заполнения, выделяются три подсистемы:

- **НЕПРЕРЫВНАЯ** - с видимыми нажимными профилями
- **СТРУКТУРНАЯ** - без видимых нажимных профилей
- **КОМБИНИРОВАННАЯ** - в сочетание видимых и структурных видов

Профили системы ALUMINIK CS55 изготовляются способом экструзии в производственных цехах “Техномаркета”. В качестве сырья для изготовления профилей используются алюминиевые сплавы по стандарту AA 6063 и 6060 (DIN стандарт AIMgSiO.5).

Система имеет встроенный термический разрыв. Термический разрыв достигается заполнением с помощью губковых профилейот ПЭНП (LDPE), а также и полиамидными полосками PA 6.6 с 25% стекловолокна.
Состав и механические свойства полиамидных полос сертифицирована. Сила сдвига внешнего и внутреннего алюминиевого профиля, которые соединяет полиамидная полоска - контролируемая. Эта конструкция обеспечивает, отличные теплоизоляционные свойства.

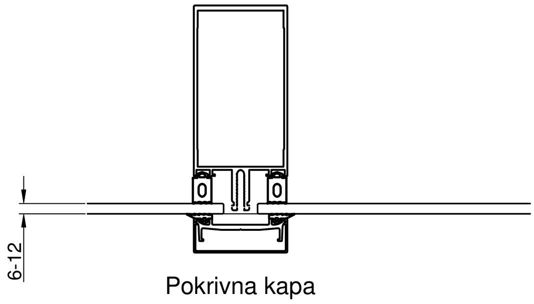
Фасады ALUMINIK CS55 имеют интегрированные системы для вентиляции и дренажа, что исключает возможность перегрева фасада в летние месяцы, а также проникновение атмосферной воды в здание.
Уплотнение между рамой и створкой обеспечивается EPDM уплотнителями, которые устойчивы к старению и УФ-излучению.

Поверхностная обработка профилей может быть анодное окисление (анодирование), а минимальная толщина окислительного слоя 15μm. Другой способ обработки поверхности профиля - электростатическая пульверизация (пластифицирование), толщина слоя до 70 μm Поверхностная обработка внутренних и внешних частей профилей может быть разного цвета.

Uputstvo
Manual
Руководство

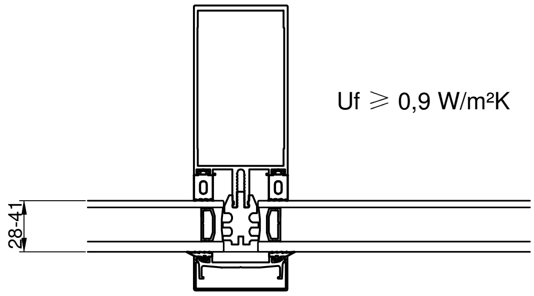
ALUMINIK CS55

Kontinualna fasada **1** Jednoslojno ostakljenje
Continual facade ***Single glazing***
Непрерывный фасад *Однослойный стекло*



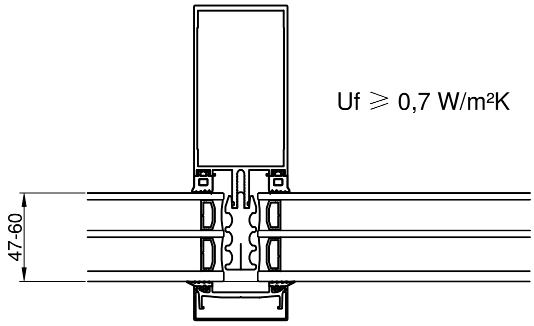
Pokrivna kapa
Cover cap
Торцевая крышка

Kontinualna fasada **2** Dvoslojno ostakljenje
Continual facade ***Double glazing***
Непрерывный фасад Двухкамерный стеклопакет



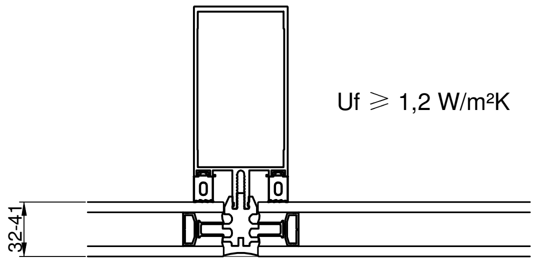
Pokrivna kapa
Cover cap
Торцевая крышка

Kontinualna fasada **3** Troslojno ostakljenje
Continual facade ***Triple glazing***
Непрерывный фасад Трокамерный стеклопакет



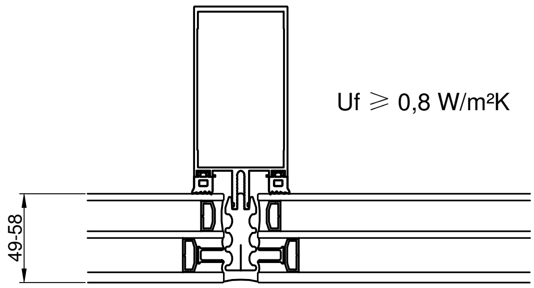
Pokrivna kapa
Cover cap
Торцевая крышка

Strukturalna fasada **4** Dvoslojno ostakljenje
Structural facade ***Double glazing***
Структурная фасад Двухкамерный стеклопакет



Strukturalni silikon
Structural silicone
Структурная силиконовая

Strukturalna fasada **5** Troslojno ostakljenje
Structural facade ***Triple glazing***
Структурная фасад Трокамерный стеклопакет



Strukturalni silikon
Structural silicone
Структурная силиконовая

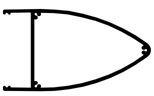
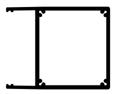
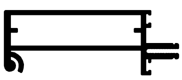
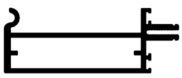
Naš brend
Our brend
Наша марка

Aluminijumski profil
Aluminium profile
Алюминиевый профиль

Sadržaj
Content
Содержание

ALUMINIK CS55

Profili
Profiles
Профили

	Oznaka Mark Марк kg/m`	Opis Description Описание	cm⁴ Ix Iy	cm³ Wx Wy
	TMF15 0,931	Kapa Cover Cap Декоративных накладок	14,05 30,43	5,70 6,04
	TMF17 0,216	Kapa Cover Cap Декоративных накладок		
	TMF18 0,215	Dodatni profil Additional profile Дополнительных профилей		
	TMF19 1,928	Stub / Prečka Mullion / Transom Средник / Транец	87,04 35,15	17,98 12,78
	TMF20 0,963	Kapa Cover Cap Декоративных накладок	17,65 17,42	6,4 4,3
	TMF21 2,138	Stub / Prečka Mullion / Transom Средник / Транец	123,45 34,86	20,77 12,68
	TMF23 2,452	Stub Mullion Средник	143,66 14,55	22,10 5,94
	TMF24 2,320	Stub Mullion Средник	133,34 13,41	21,44 5,28

2018.CS6 2.2 R1:4

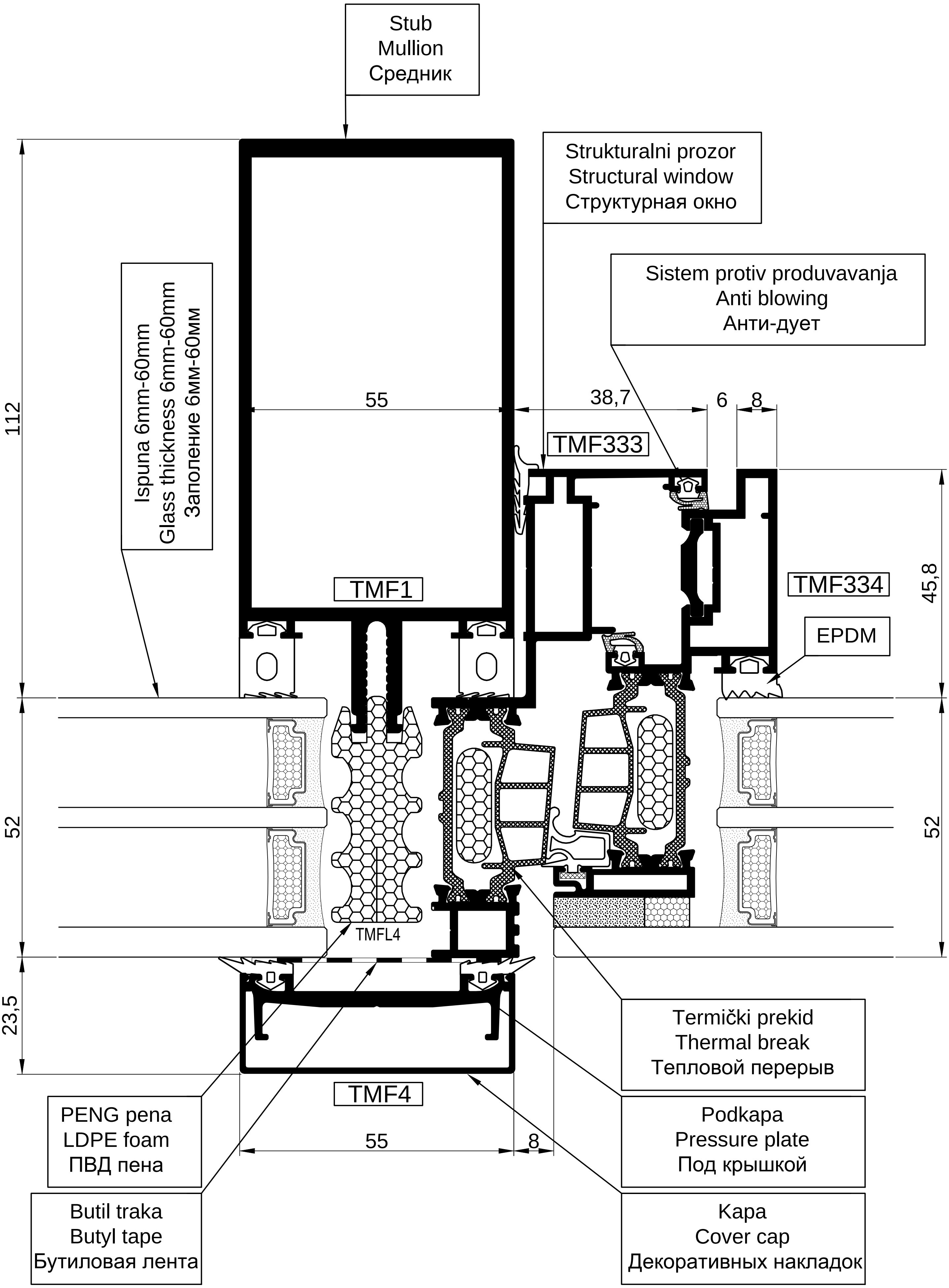
Moment inercije
Moment of inertia
Момент инерции

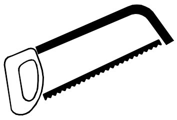
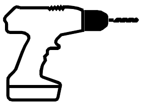
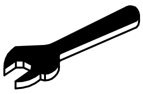
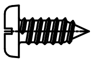
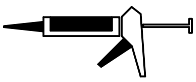
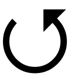
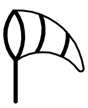
Otporni moment
Moment of resistance
Момент сопротивления

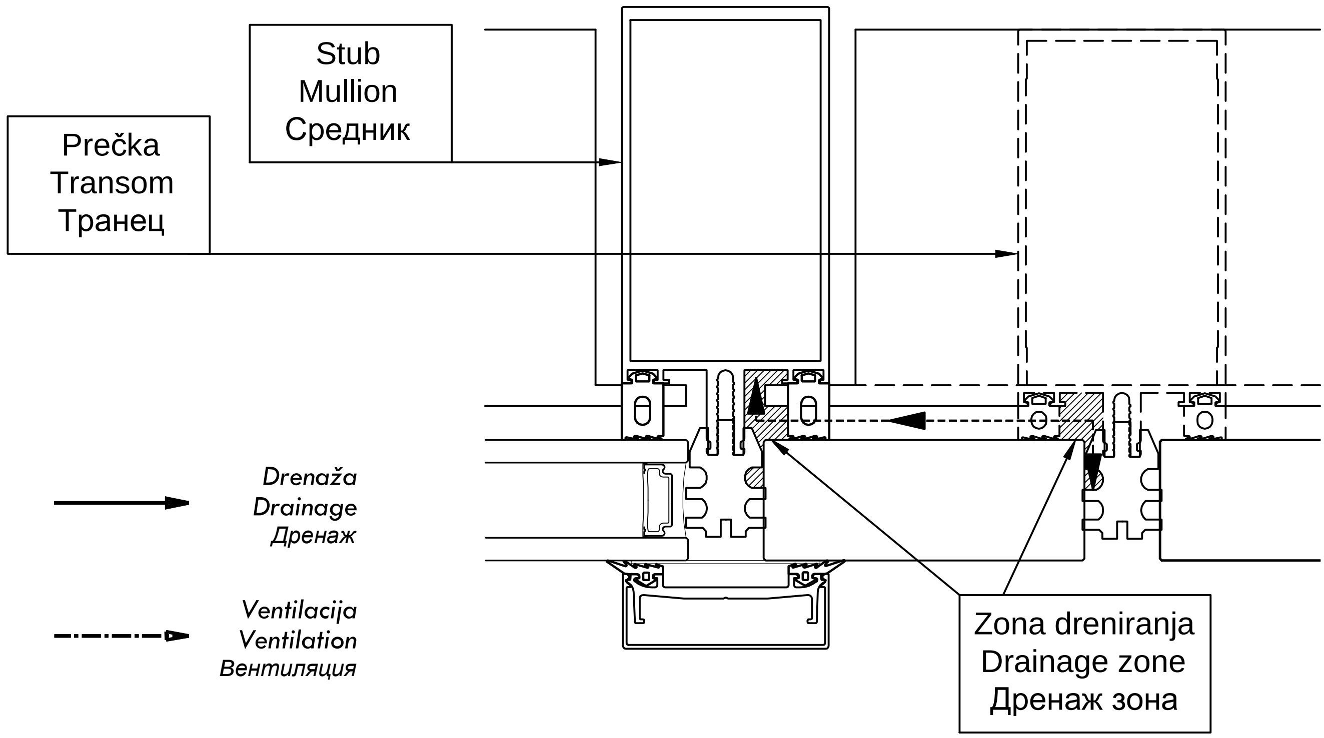
Numeracija strane
Page number
Номер страницы

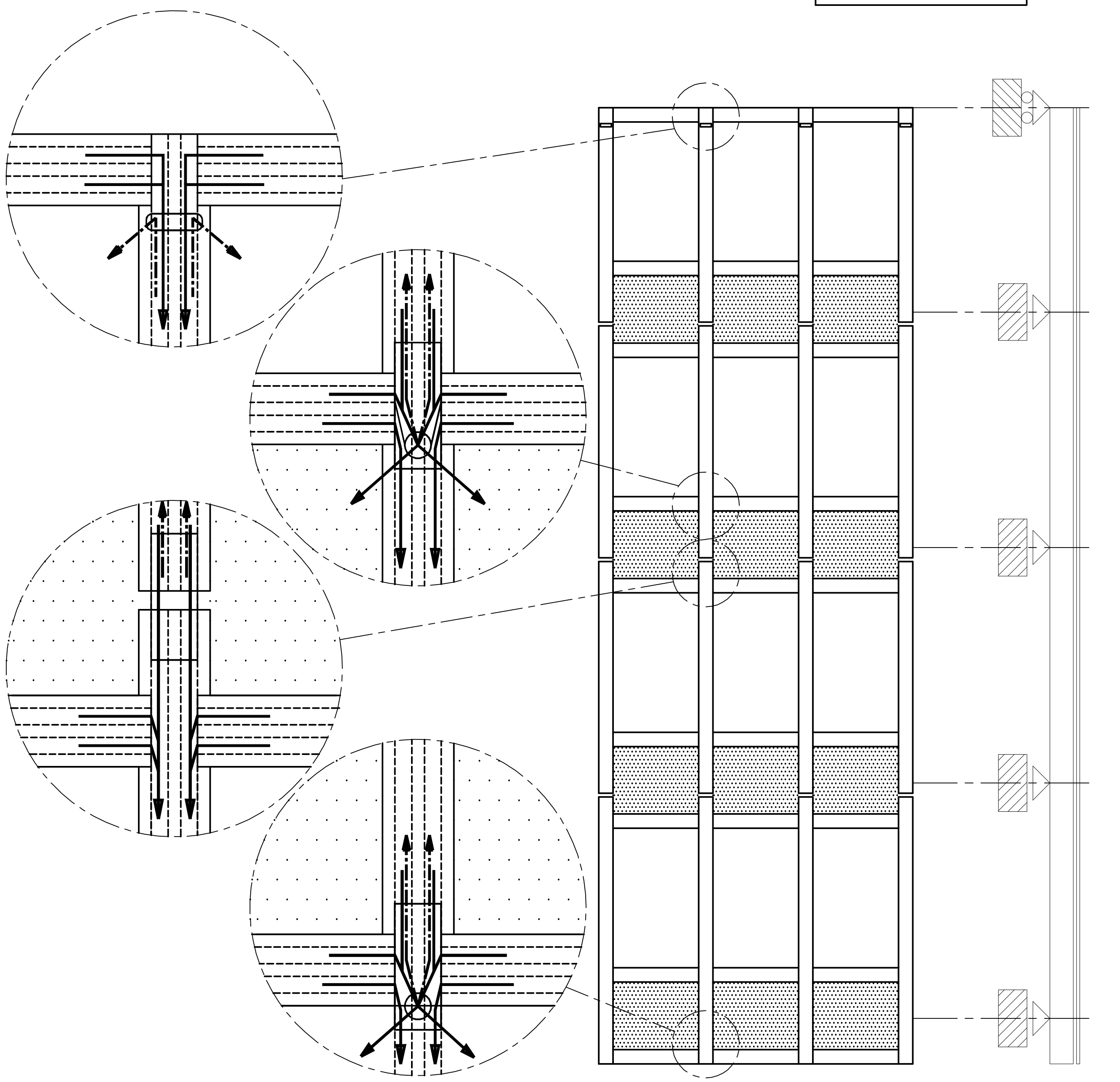
Revizija kataloga
Revision of the catalog
Пересмотр каталога

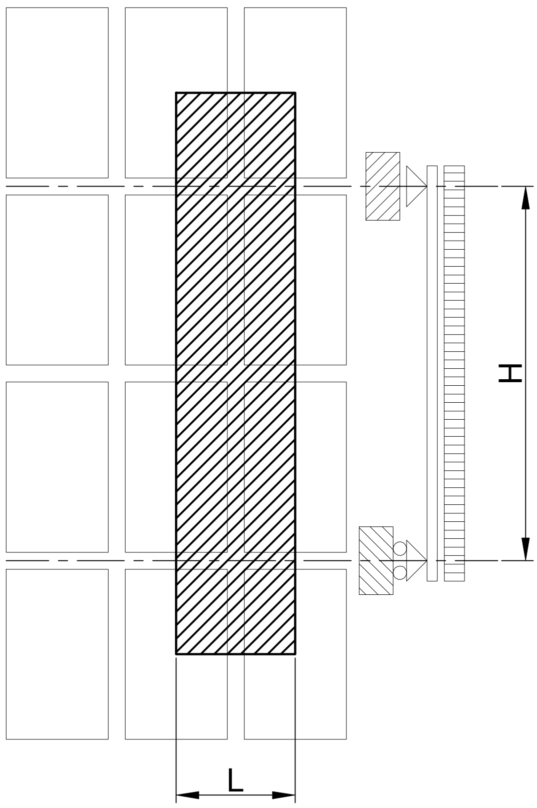
Razmera
Drawing scale
Масштабная линейка


Stub
Mullion
Средник
Strukturalni prozor
Structural window
Структурная окно
Sistem protiv produvavanja
Anti blowing
Анти-дует
Ispuna 6mm-60mm
Glass thickness 6mm-60mm
Заполение 6мм-60мм
112
55
38,7
6
8
TMF333
TMF1
TMF334
45,8
EPDM
52
52
TMFL4
23,5
Termički prekid
Thermal break
Тепловой перерыв
TMF4
PENG pena
LDPE foam
ПВД пена
Podkapa
Pressure plate
Под крышкой
55
8
Butil traka
Butyl tape
Бутиловая лента
Kapa
Cover cap
Декоративных накладок

	Pozicija Position Положение
	Iseći Cut Резать
	Izbušiti Drill Сверлить
	Zategnuti Tighten Затянуть
	Ušrafiti Screw in Ввернуть
	Lepiti Glue Клеить
	Zaptivna masa Sealant Герметик
	Okrenuti Rotate Вращать
	Opterećenje vetrom Wind load Ветровая нагрузка
	Čistač Cleaner Средство для чистки


Stub
Mullion
Средник
Prečka
Transom
Транец
Drenaža
Drainage
Дренаж
Ventilacija
Ventilation
Вентиляция
Zona dreniranja
Drainage zone
Дренаж зона





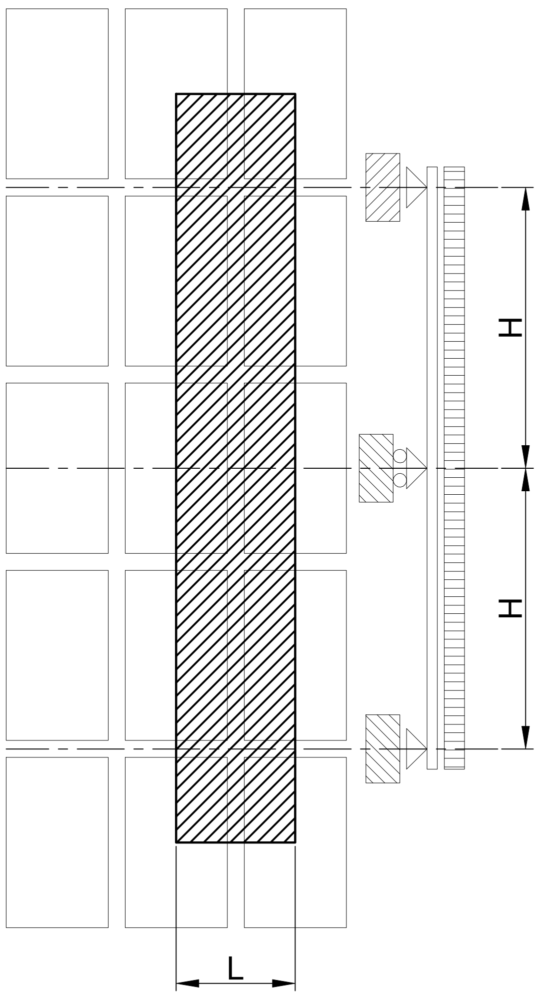
EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

Montaža sa osloncem u dve tačke
Two points support
Монтаж в две точки

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

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

H	VERTIKALNI MEĐUOSOVINSKI RASPON *Axial spacing - vertical* *Осевое расстояние - вертикальное*	cm
L	HORIZONTALNI MEĐUOSOVINSKI RASPON *Axial spacing - horizontal* *Осевое расстояние - горизонтальное*	cm
q	OPTEREĆENJE *Loading* *Загрузка*	N/cm^2
E	MODUL ELASTIČNOSTI ALUMINIJUMA, *Aluminium modulus of elasticity* *Алюминий модуль упругости*	7000000 N/cm^2
I	MOMENT INERCIJE *Moment of inertia* *Момент инерции*	cm^4
W	OTPORNI MOMENT *Modulus of section* *Момент сопротивления сечения*	cm^3
f max	MAKSIMALNI UGIB *Max. deflection* *Максимум отклонение*	cm
σ max	MAKSIMALAN NAPON *Max. pressure* *Максимум давление*	N/cm^2
f doz.	MAKSIMALNI DOZVOLJENI UGIB *Max. alowed deflection* *Максимум допускаемые отклонения*	cm
σ doz.	MAKSIMALAN DOZVOLJENI NAPON *Max. alowed pressure* *Максимум допускаемые давление*	N/cm^2



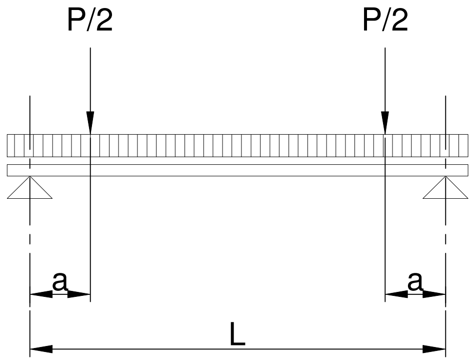
Montaža sa osloncem u tri tačke
Three points support
Монтаж в трех точках

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

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

EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

Montaža sa osloncem u dve tačke
Two points support
Монтаж в две точки



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

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

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

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

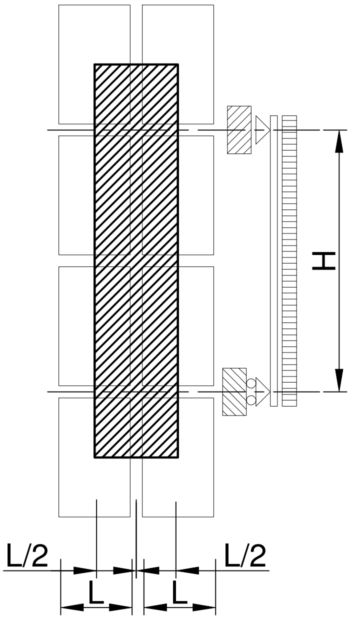
a- согласие на 150мм (Расстояние ПА держателья)

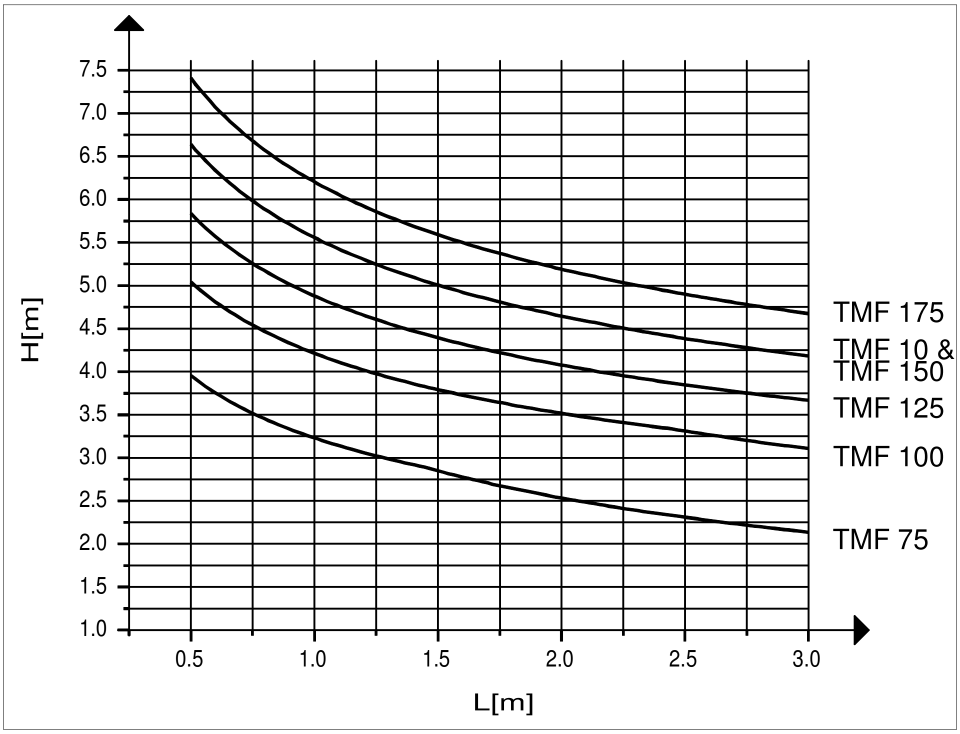
a	DISTANCA POZICIJE PA PAKNE *Posicion of PA strip* *Расстояние ПА держателья*	cm
L	RAZMAK OSLONACA *Support distance* *Расстояние между опорами*	cm
P	MASA ISPUNE *Panel mass* *Вес заполнения*	N
E	MODUL ELASTIČNOSTI ALUMINIJUMA *Aluminium modulus of elasticity* *Алюминий модуль упругости*	7000000 N/cm^2
I	MOMENT INERCIJE *Moment of inertia* *Момент инерции*	cm^4
W	OTPORNI MOMENT *Modulus of section* *Момент сопротивления сечения*	cm^3
f max	MAKSIMALNI UGIB ***Max. deflection*** *Максимум отклонение*	cm
σ max	MAKSIMALAN NAPON *Max. pressure* *Максимум давление*	N/cm^2
f doz.	MAKSIMALNI DOZVOLJENI UGIB *Max. alowed deflection* *Максимум допускаемые отклонения*	cm
σ doz.	MAKSIMALAN DOZVOLJENI NAPON *Max. alowed pressure* *Максимум допускаемые давление*	N/cm^2

Montaža sa osloncem u dve tačke
Two points support
Поддержка в две точки

pritisak vetra / ***wind pressure*** /
давление ветра
q= 0,6 kN/m²

EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

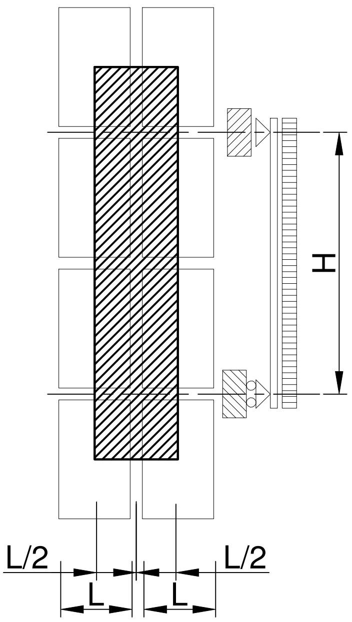


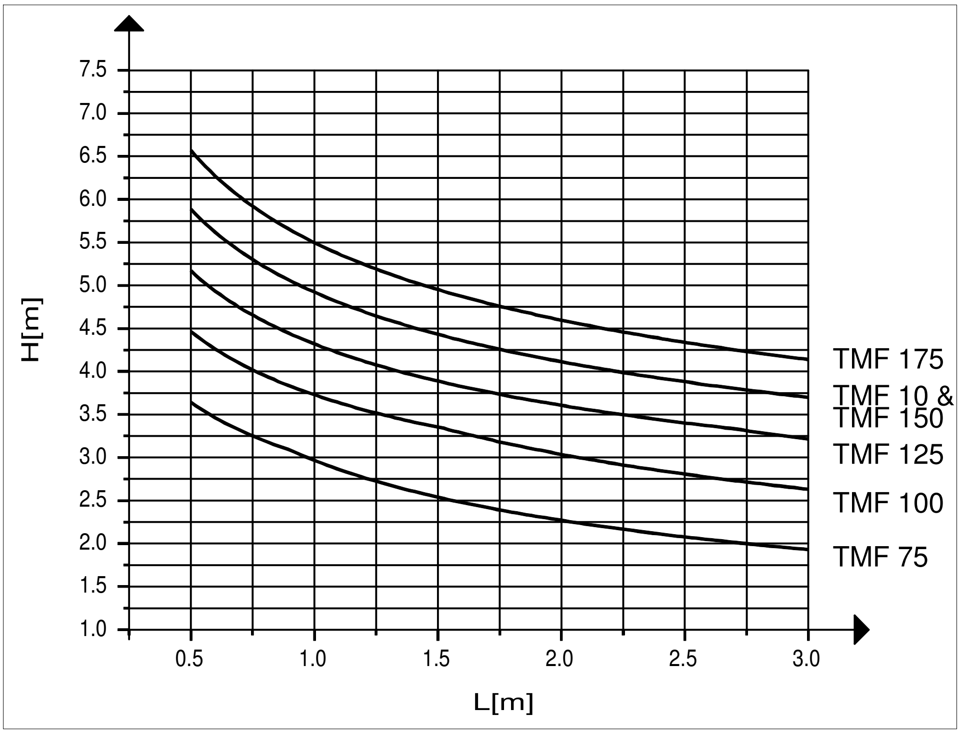


Montaža sa osloncem u dve tačke
Two points support
Поддержка в две точки

pritisak vetra / ***wind pressure*** /
давление ветра
q= 0,96 kN/m²

EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

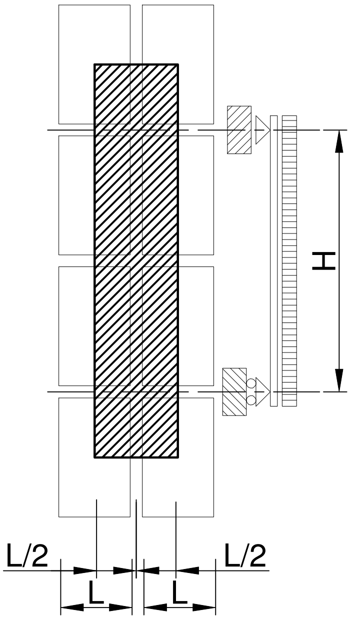


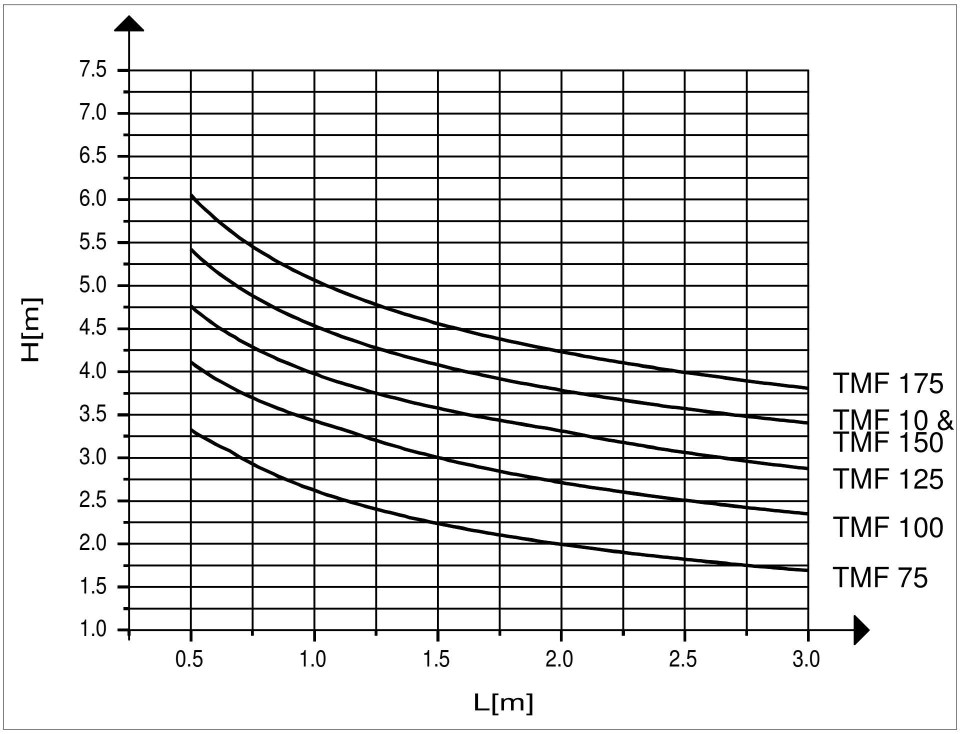


Montaža sa osloncem u dve tačke
Two points support
Поддержка в две точки

pritisak vetra / ***wind pressure*** /
давление ветра
q= 1,32 kN/m²

EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

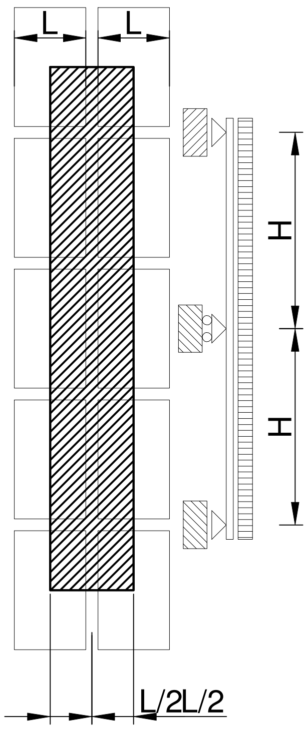


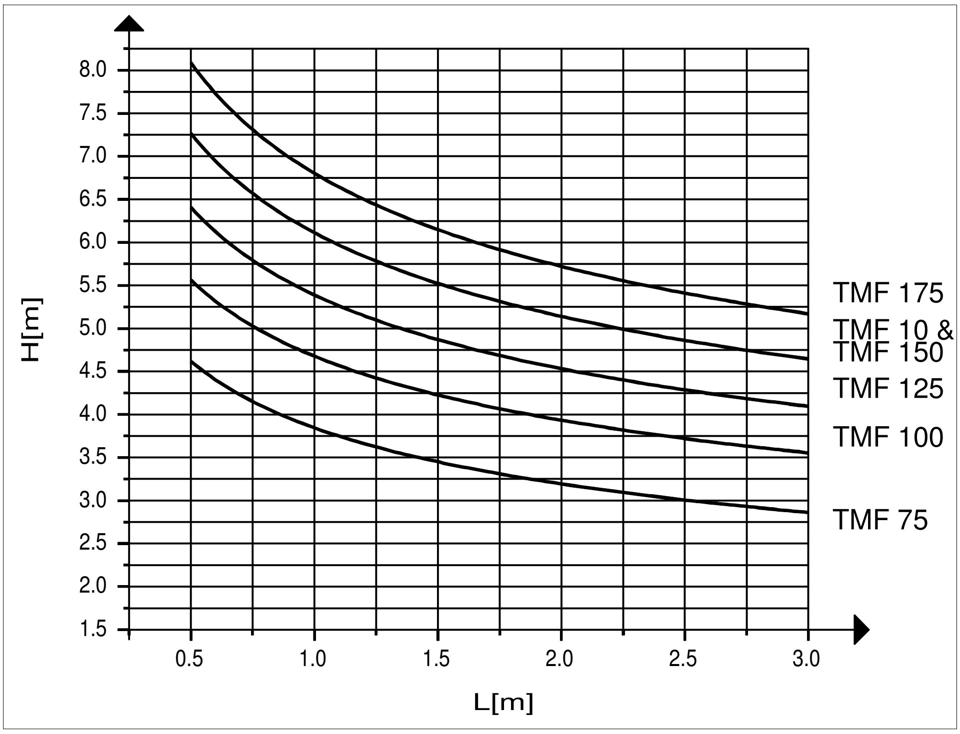


Montaža sa osloncem u tri tačke
Three points support
Поддержка в трех точках

pritisak vetra / ***wind pressure*** /
давление ветра
q= 0,60 kN/m²

EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

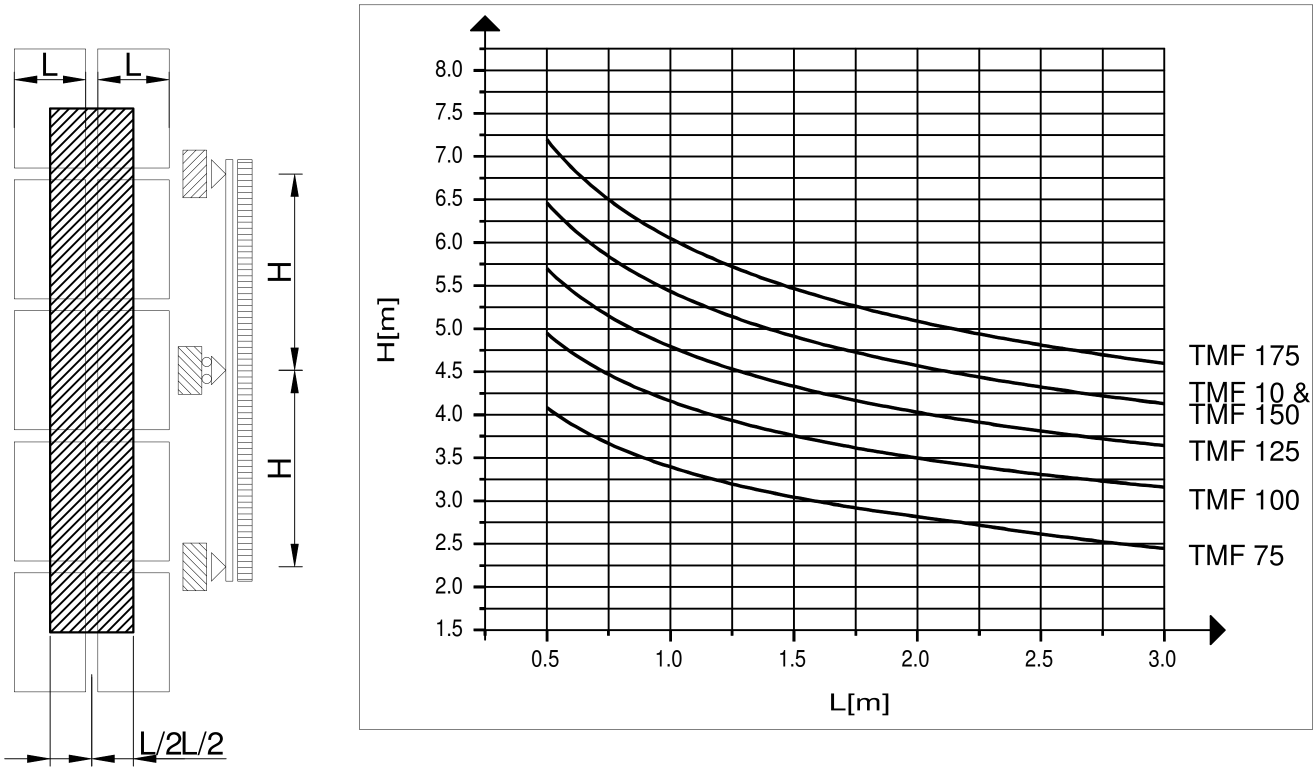




Montaža sa osloncem u tri tačke
Three points support
Поддержка в трех точках

pritisak vetra / ***wind pressure*** /
давление ветра
q= 0,96 kN/m²

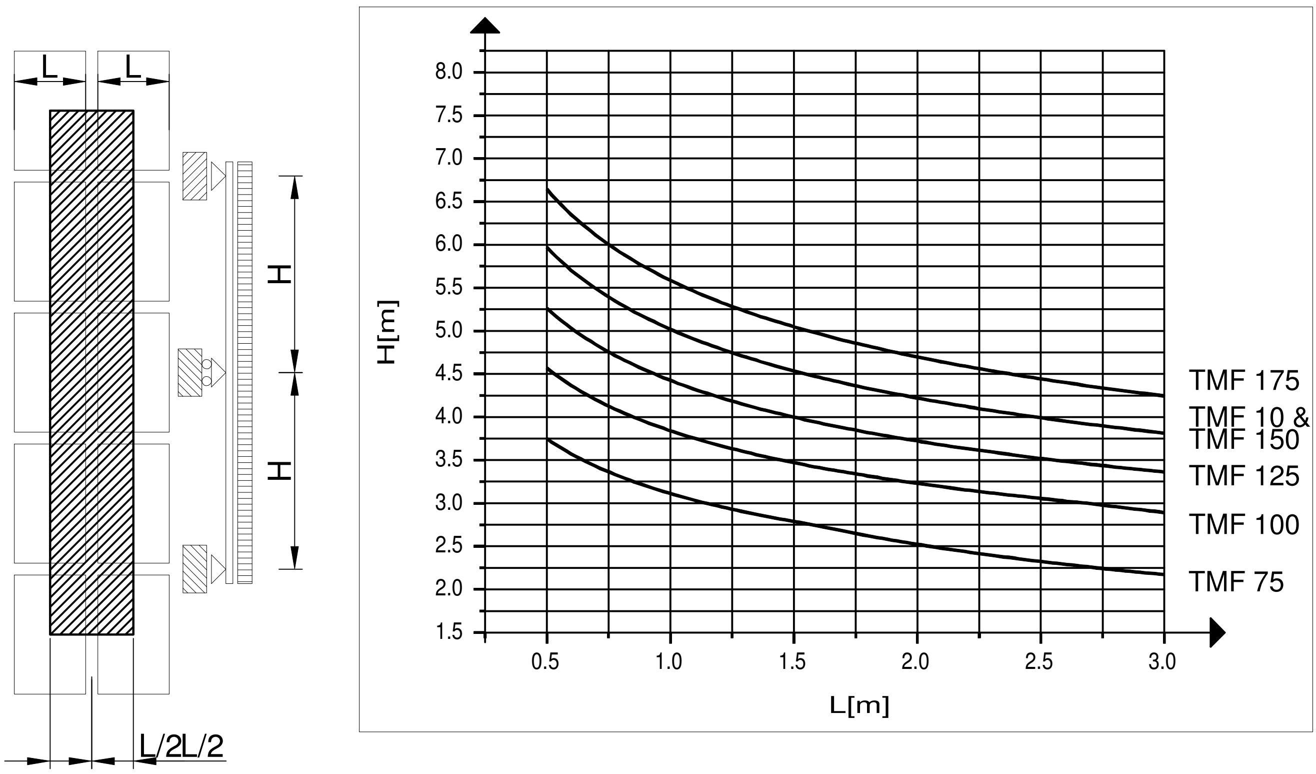
EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

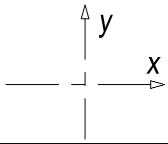
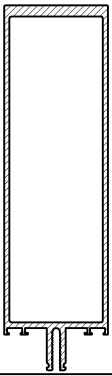
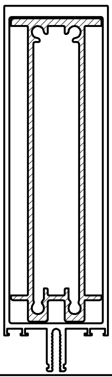
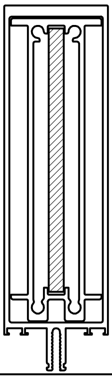
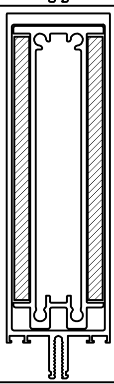
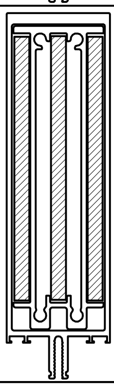


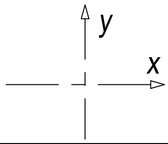
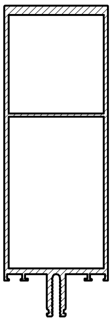
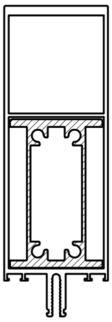
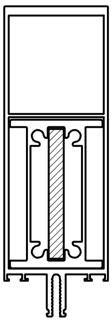
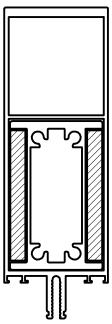
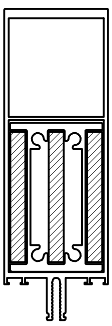
Montaža sa osloncem u tri tačke
Three points support
Поддержка в трех точках

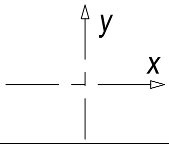
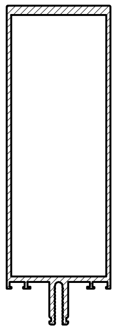
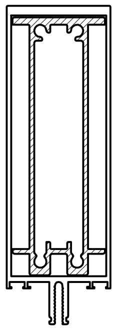
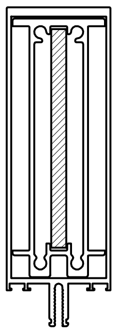
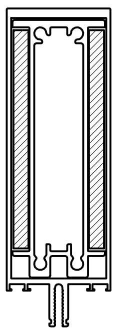
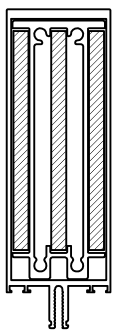
pritisak vetra / ***wind pressure*** /
давление ветра
q= 1,32 kN/m²

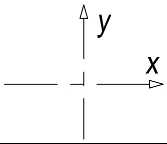
EN 13116 : 2011 - 11
f doz = L/200 max. 15mm

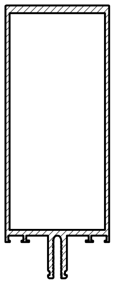
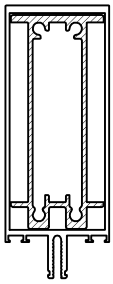
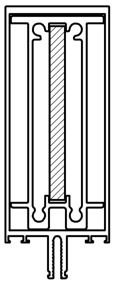
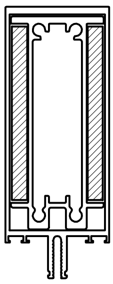
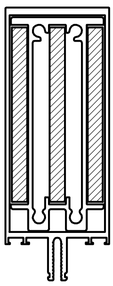


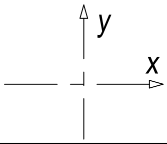
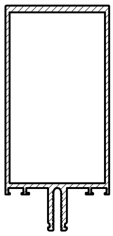
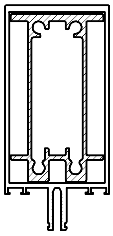
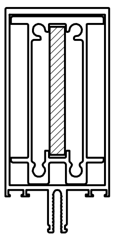
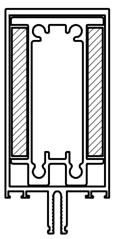
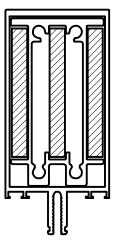
	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*	***Moment inercije za ojačanje*** ***Moment of inertia for reinforcement*** *Момент инерции для армирования*
	TMF175 Ix = 678,33 cm^4 Iy = 74,07 cm^4	
	TMF175 + TMF161 Ix = 1094,47 cm^4 Iy = 96,62 cm^4	
	TMF175 + TMF161 Ix = 1094,47 cm^4 Iy = 96,62 cm^4	1x 8 x 140 + Ix = 184,45 cm^4 Iy = 0,06 cm^4
	TMF175 + TMF161 Ix = 1094,47 cm^4 Iy = 96,62 cm^4	2x 8 x 140 + Ix = 368,23 cm^4 Iy = 86,37 cm^4
	TMF175 + TMF161 Ix = 1094,47 cm^4 Iy = 96,62 cm^4	3x 8 x 140 + Ix = 551,71 cm^4 Iy = 86,97 cm^4

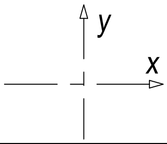
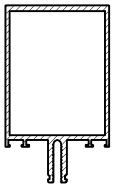
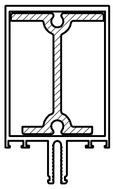
	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*	***Moment inercije za ojačanje*** ***Moment of inertia for reinforcement*** *Момент инерции для армирования*
	TMF10 $Ix = 430,97\ cm^4$ $Iy = 58,75\ cm^4$	
	TMF10 + TMF43 $Ix = 519,97\ cm^4$ $Iy = 72,47\ cm^4$	
	TMF10 + TMF43 $Ix = 519,97\ cm^4$ $Iy = 72,47\ cm^4$ +	1x 8 x 70 $Ix = 32,20\ cm^4$ $Iy = 0,29\ cm^4$
	TMF10 + TMF43 $Ix = 519,97\ cm^4$ $Iy = 72,47\ cm^4$ +	2x 8 x 70 $Ix = 60,88\ cm^4$ $Iy = 46,50\ cm^4$
	TMF10 + TMF43 $Ix = 519,97\ cm^4$ $Iy = 72,47\ cm^4$ +	3x 8 x 70 $Ix = 87,59\ cm^4$ $Iy = 46,79\ cm^4$

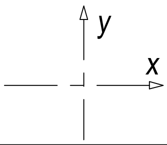
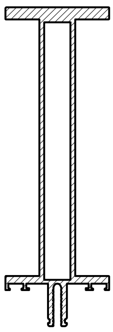
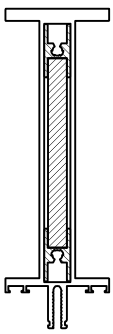
	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*	***Moment inercije za ojačanje*** ***Moment of inertia for reinforcement*** *Момент инерции для армирования*
	TMF150 Ix = 428,81 cm^4 Iy = 56,83 cm^4	
	TMF150 + TMF137 Ix = 708,71 cm^4 Iy = 77,44 cm^4	
	TMF150 + TMF137 Ix = 708,71 cm^4 Iy = 77,44 cm^4 +	1x 8 x 116 Ix = 106,50 cm^4 Iy = 0,49 cm^4
	TMF150 + TMF137 Ix = 708,71 cm^4 Iy = 77,44 cm^4 +	2x 8 x 116 Ix = 211,93 cm^4 Iy = 75,23 cm^4
	TMF150 + TMF137 Ix = 708,71 cm^4 Iy = 77,44 cm^4 +	3x 8 x 116 Ix = 316,86 cm^4 Iy = 75,72 cm^4

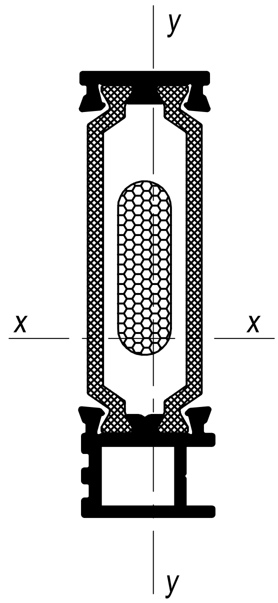


y / x	**Moment inercije za aluminijski profil** **Moment of inertia for aluminum profile** *Момент инерции для алюминия профиля*		**Moment inercije za ojačanje** **Moment of inertia for reinforcement** *Момент инерции для армирования*
	TMF125 I_x = 262,66 cm^4 I_y = 47,78 cm^4		
	TMF125 + TMF113 I_x = 438,75 cm^4 I_y = 65,94 cm^4		
	TMF125 + TMF113 I_x = 438,75 cm^4 I_y = 65,94 cm^4	+	1x 8 x 92 I_x = 55,11 cm^4 I_y = 0,39 cm^4
	TMF125 + TMF113 I_x = 438,75 cm^4 I_y = 65,94 cm^4	+	2x 8 x 92 I_x = 108,89 cm^4 I_y = 59,66 cm^4
	TMF125 + TMF113 I_x = 438,75 cm^4 I_y = 65,94 cm^4	+	3x 8 x 92 I_x = 162,03 cm^4 I_y = 60,06 cm^4

	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*	***Moment inercije za ojačanje*** ***Moment of inertia for reinforcement*** *Момент инерции для армирования*
	TMF100 Ix = 147,83 cm^4 Iy = 38,72 cm^4	
	TMF100 + TMF89 Ix = 243,85 cm^4 Iy = 53,30 cm^4	
	TMF100 + TMF89 Ix = 243,85 cm^4 Iy = 53,30 cm^4	+ 1x 8 x 89 Ix = 23,34 cm^4 Iy = 0,29 cm^4
	TMF100 + TMF89 Ix = 243,85 cm^4 Iy = 53,30 cm^4	+ 2x 8 x 89 Ix = 45,75 cm^4 Iy = 44,10 cm^4
	TMF100 + TMF89 Ix = 243,85 cm^4 Iy = 53,30 cm^4	+ 3x 8 x 89 Ix = 67,70 cm^4 Iy = 44,39 cm^4

	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*
	TMF75 Ix = 74,06 cm^4 Iy = 30,20 cm^4
	TMF75 + TM64 Ix = 115,01 cm^4 Iy = 36,00 cm^4

	***Moment inercije za aluminijski profil*** ***Moment of inertia for aluminum profile*** *Момент инерции для алюминия профиля*
	TMF57 Ix = 494,18 cm^4 Iy = 20,67 cm^4
	TMF57 + U29P2 PK10100 Ix = 666,00 cm^4 Iy = 22,36 cm^4



Za profile sa termičkim prekidom

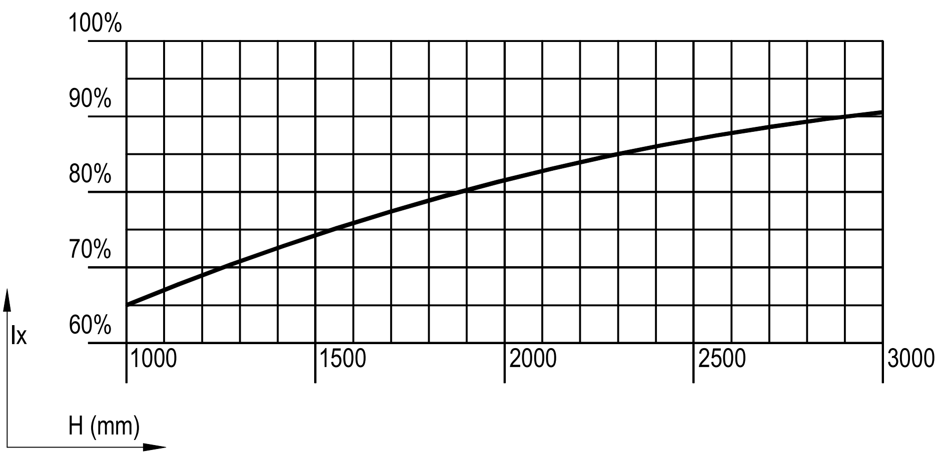
For thermal break profiles

Для профиля тепловой перерыв

MOMENT INERCIJE UMANJITI UZIMAJUĆI U OBZIR KOEFICIJENT ELASTIČNOSTI KOMPOZITA

Moment of inertia lessen by taking into account the coefficient of elasticity of the composite

Момент инерции уменьшить с учетом коэффициента упругости композита



Konstrukciju spojnice čine elementi od aluminijuma 6060T5 čije su karakteristike:
Joints consist of 6060T5 aluminium components and feature the following properties:
Суставы состоят из 6060T5 алюминиевых компонентов и имеют следующие свойства:

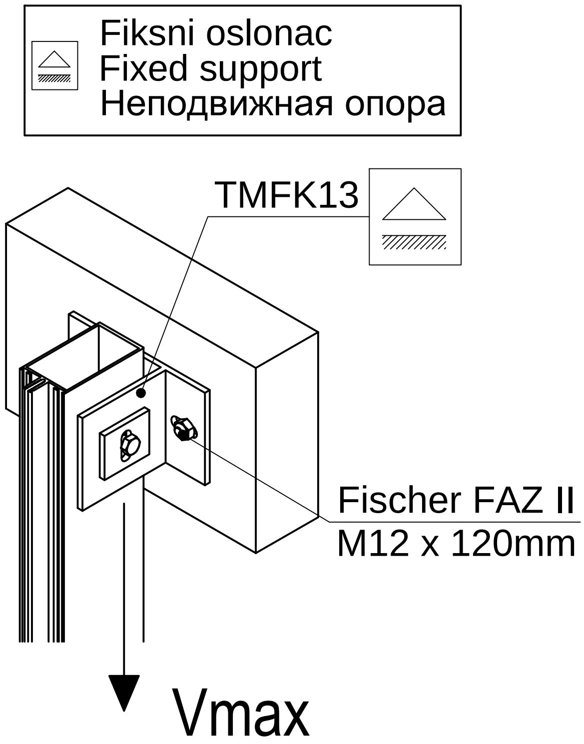
- Modul elastičnosti *Modulus of elasticity* Модуль упругости	$E=70000\ N/mm^2$
- Poasonov koeficijent *Poisson's ratio* Коэффициент Пуассона	$\mu=0,3$
- Napon na granici razvlačenja *The voltage at yield* Напряжение при растяжении	$\delta_{V,0.2,al}=120\ N/mm^2$
- Dopušteni napon (pritisak, savijanje, zatezanje) *Allowable voltage (pressure, bending, straining)* Допустимое напряжение (давление, изгиб, напрягает)	$\delta_{dop,al}=80\ N/mm^2$
- Dopušteni napon smicanja *Allowable shear stress* Допустимая напряжение сдвига	$\tau_{dop,al}=46\ N/mm^2$

Zavrtnjevi su klase čvrstoće 5.6 od nerđajućeg čelika čije su karakteristike:
The 5.6 strength class stainless steel bolts feature the following properties:
Болты из нержавеющей стали класса прочности 5.6 представлены следующие свойства:

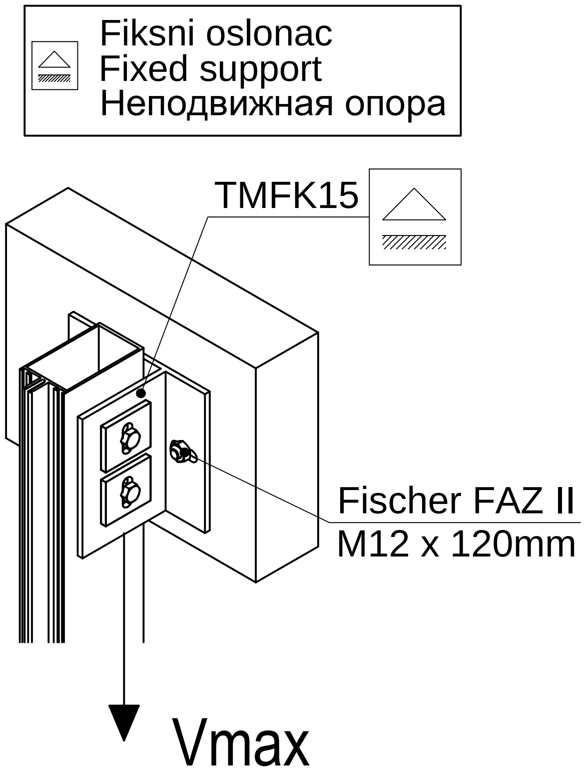
- Modul elastičnosti *Modulus of elasticity* Модуль упругости	$E=200000\ N/mm^2$
- Poasonov koeficijent *Poisson's ratio* Коэффициент Пуассона	$\mu=0,3$
- Napon na granici razvlačenja *The voltage at yield* Напряжение при растяжении	$\delta_{V,0.2}=210\ N/mm^2$
- Čvrstoća na zatezanje *Tensile strength* Предел прочности	$\delta_u=500\ N/mm^2$
- Dopušteni napon pritiska po omotaču rupe *Allowable compressive stress on the covering of the hole* Допустимая нагрузка на сжатие покрытия отверстия	$\delta_{bdop}=240\ N/mm^2$
- Dopušteni napon smicanja zavrtnjeva *Allowable shear stress in bolts* Допустимое напряжение сдвига болты	$\tau_{sdop}=175\ N/mm^2$
- Dopušteni napon zatezanja zavrtnjeva Allowable tensile strength of bolts Допустимый предел прочности при растяжении болтов	$\delta_{zdop}=137,5\ N/mm^2$

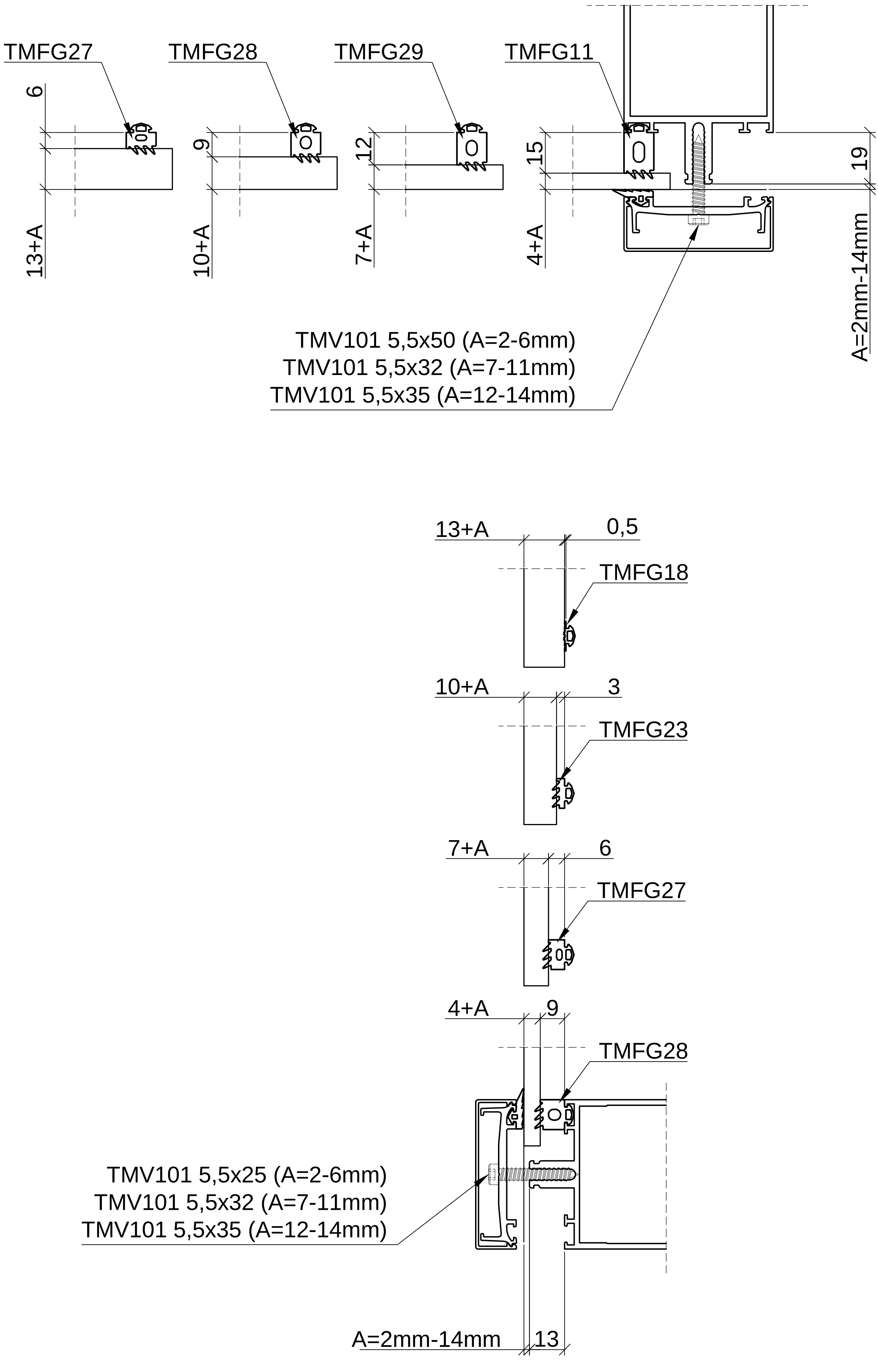
U tabeli je dat prikaz rezultata proračuna nosivosti fiksnih kotvi.
The table shows the result of a structural analysis of fixed anchors.
В таблице показаны результаты структурного анализа Якорь.

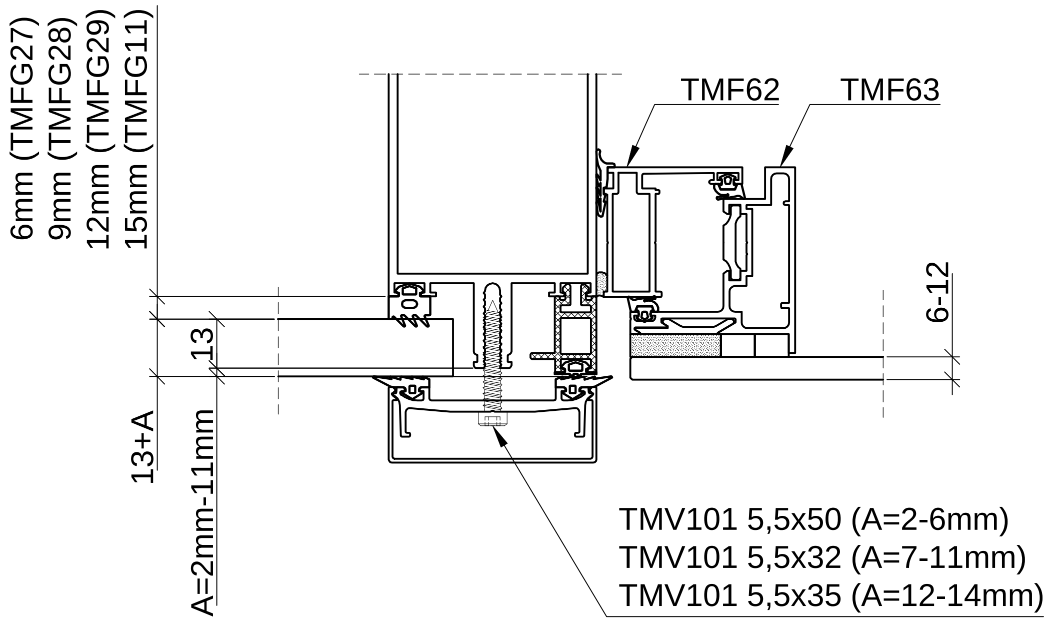
TIP SPOJNICE *Joint type* Тип соединения	MAKSIMALNA SILA U KOTVI *Maximum force in bracket* Максимальная сила в *Якорь*	
	Vmax (N)	Vmax (kg)
TMFK13	8000	800

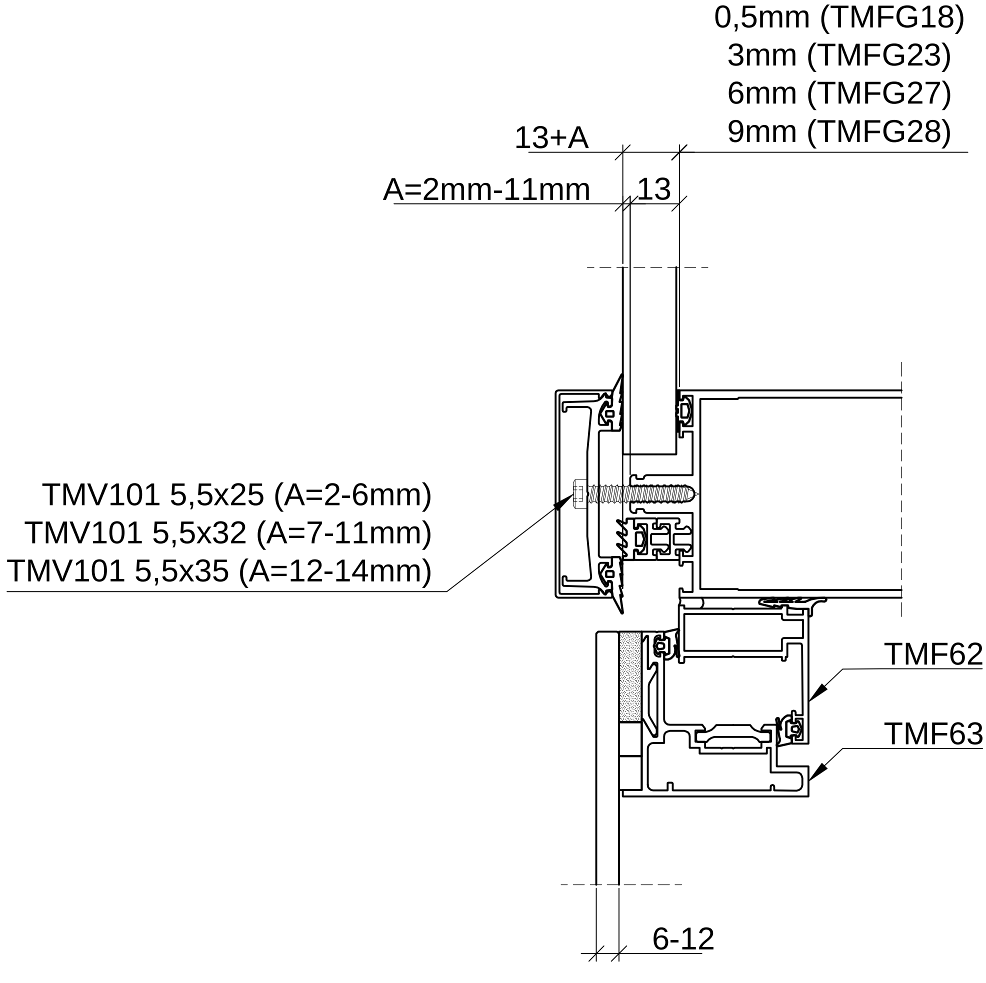


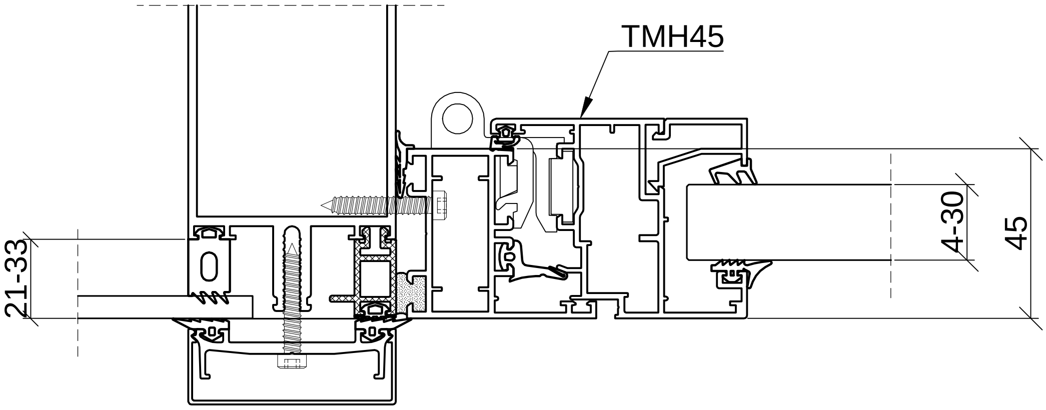
TIP SPOJNICE *Joint type* Тип соединения	MAKSIMALNA SILA U KOTVI *Maximum force in bracket* Максимальная сила в *Якорь*	
	Vmax (N)	Vmax (kg)
TMFK15	10000	1000

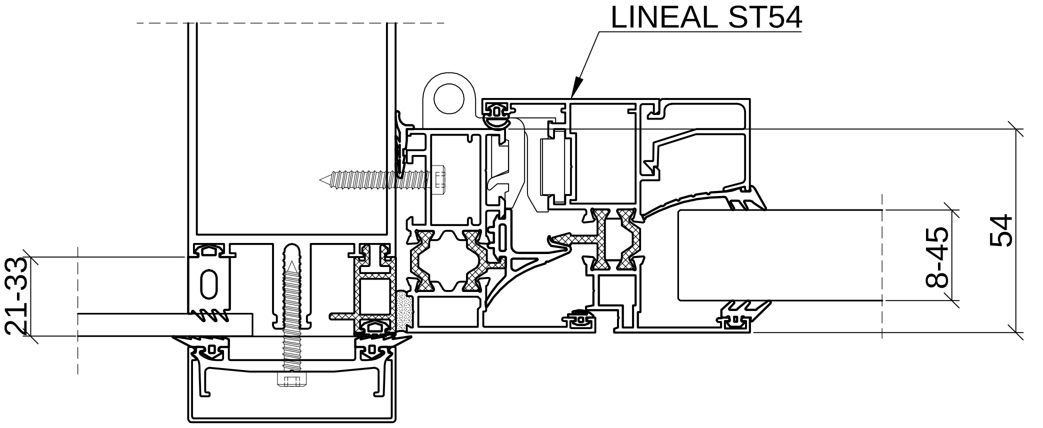


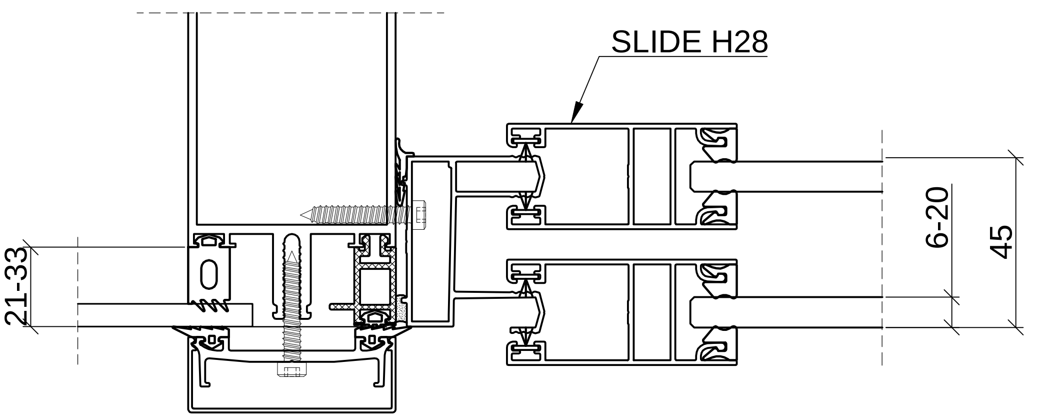

TMFG27
TMFG28
TMFG29
TMFG11
6
9
12
15
19
13+A
10+A
7+A
4+A
A=2mm-14mm
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x32 (A=7-11mm)
TMV101 5,5x35 (A=12-14mm)
13+A
0,5
TMFG18
10+A
3
TMFG23
7+A
6
TMFG27
4+A
9
TMFG28
TMV101 5,5x25 (A=2-6mm)
TMV101 5,5x32 (A=7-11mm)
TMV101 5,5x35 (A=12-14mm)
A=2mm-14mm
13

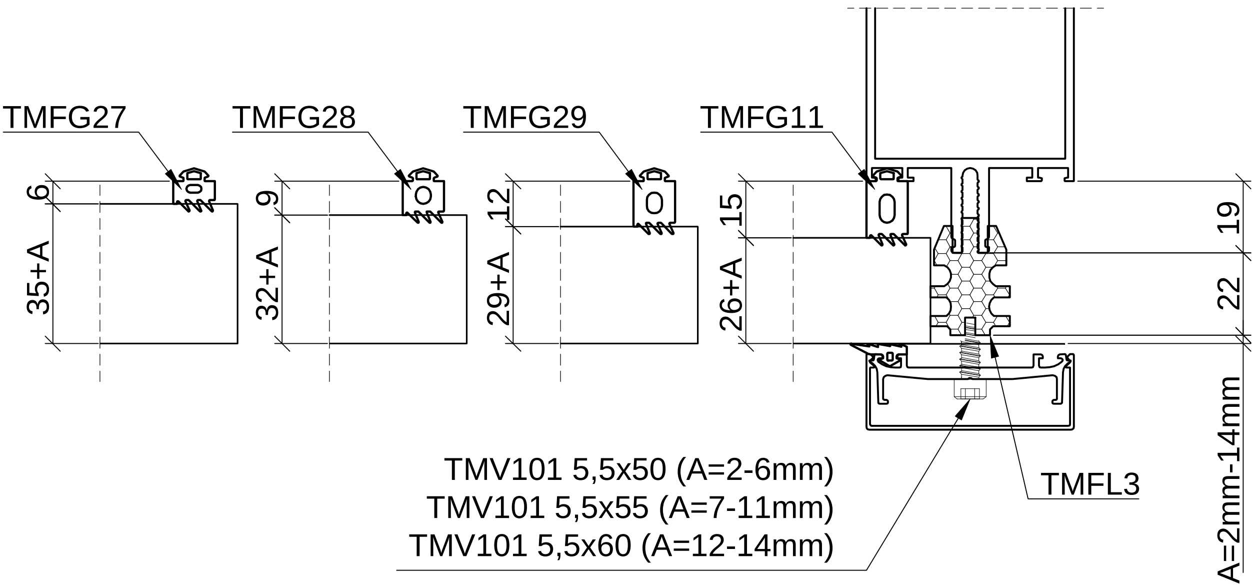

6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
TMF62
TMF63
6-12
13
13+A
A=2mm-11mm
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x32 (A=7-11mm)
TMV101 5,5x35 (A=12-14mm)

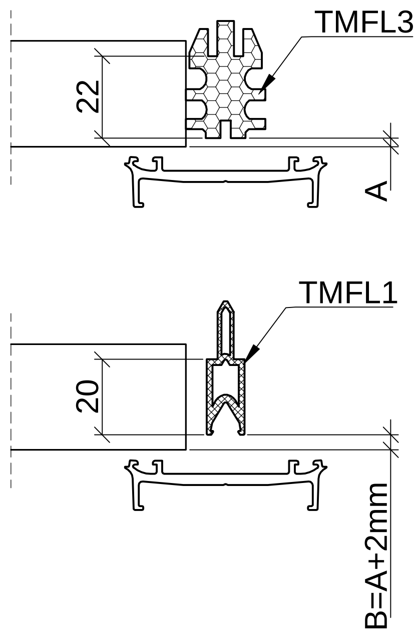

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
13+A
A=2mm-11mm
13
TMV101 5,5x25 (A=2-6mm)
TMV101 5,5x32 (A=7-11mm)
TMV101 5,5x35 (A=12-14mm)
TMF62
TMF63
6-12

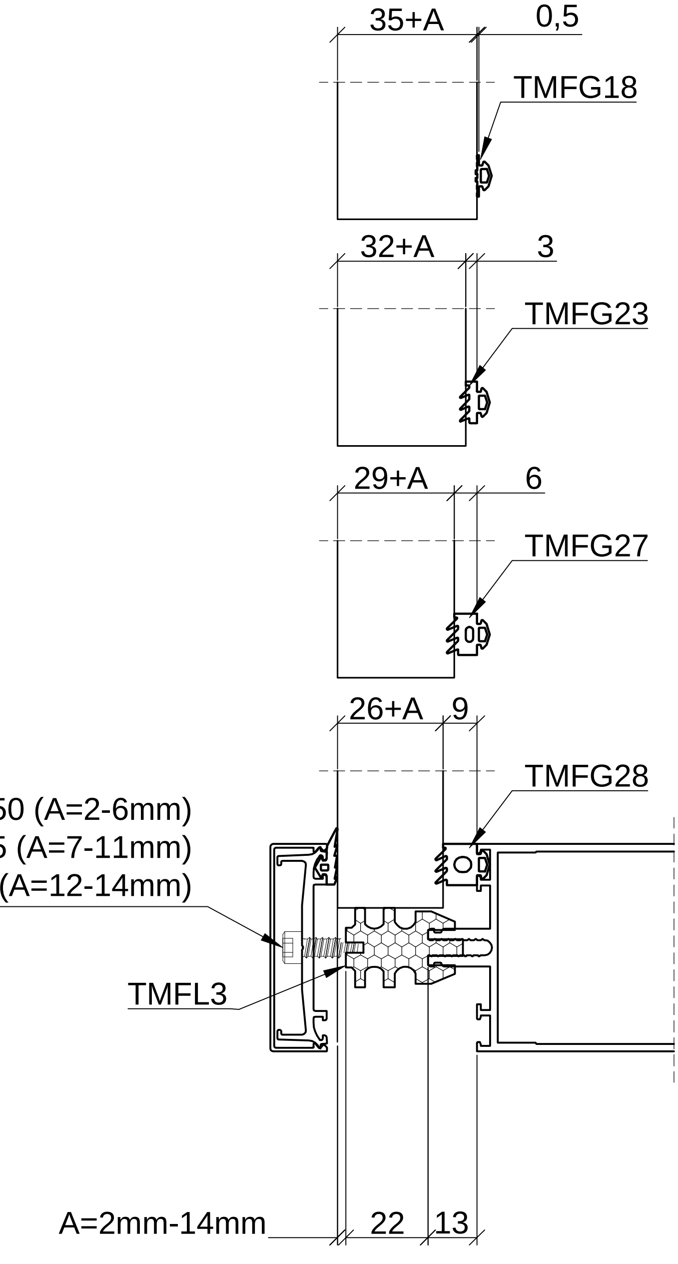

TMH45
21-33
4-30
45

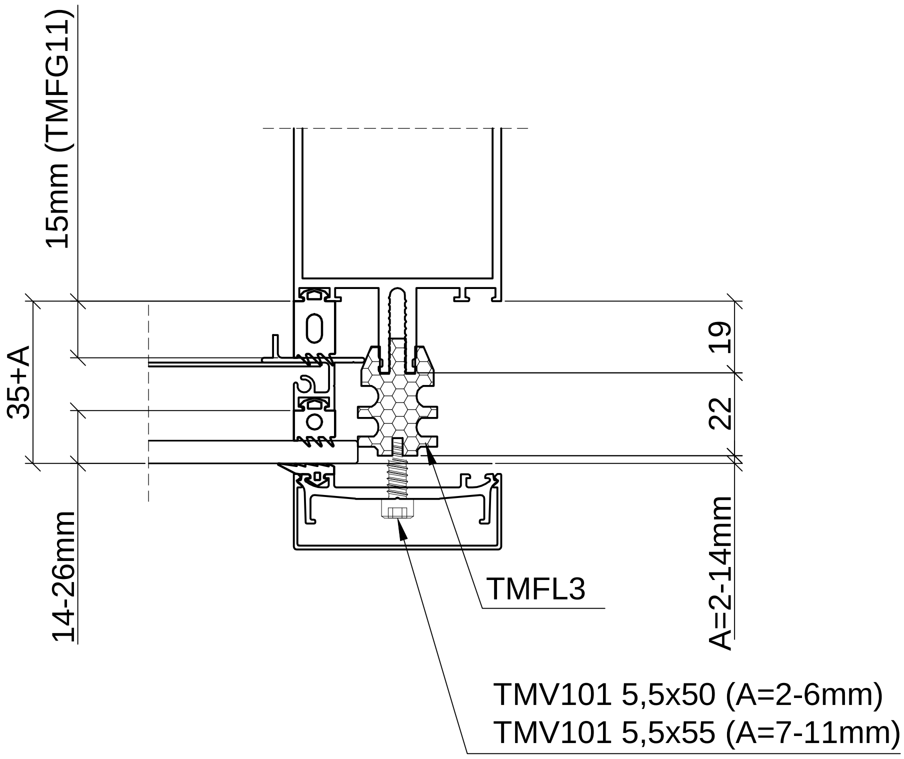

LINEAL ST54
21-33
8-45
54

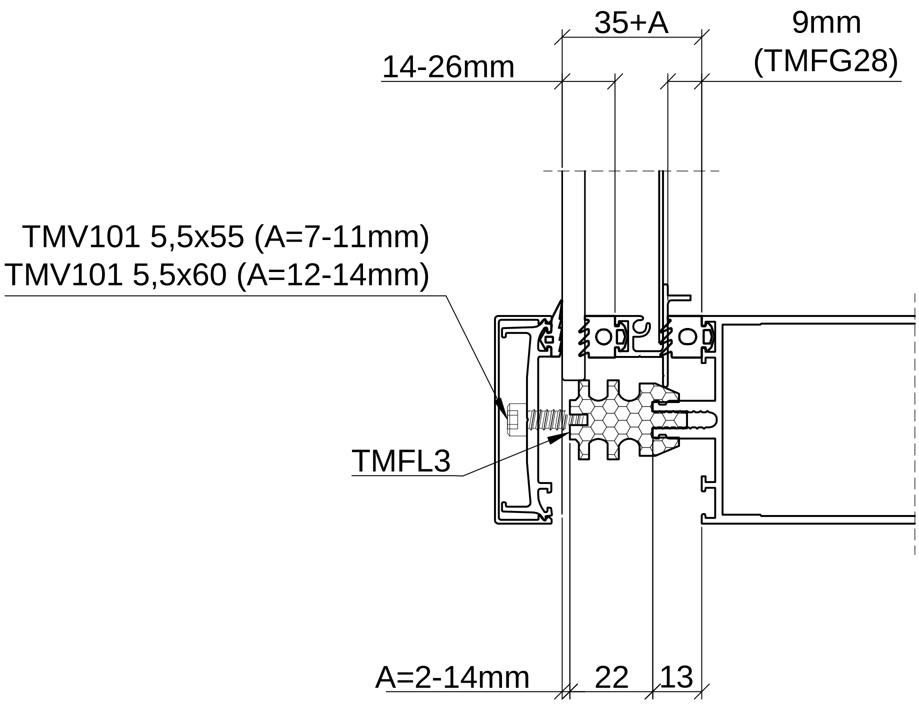

SLIDE H28
21-33
6-20
45

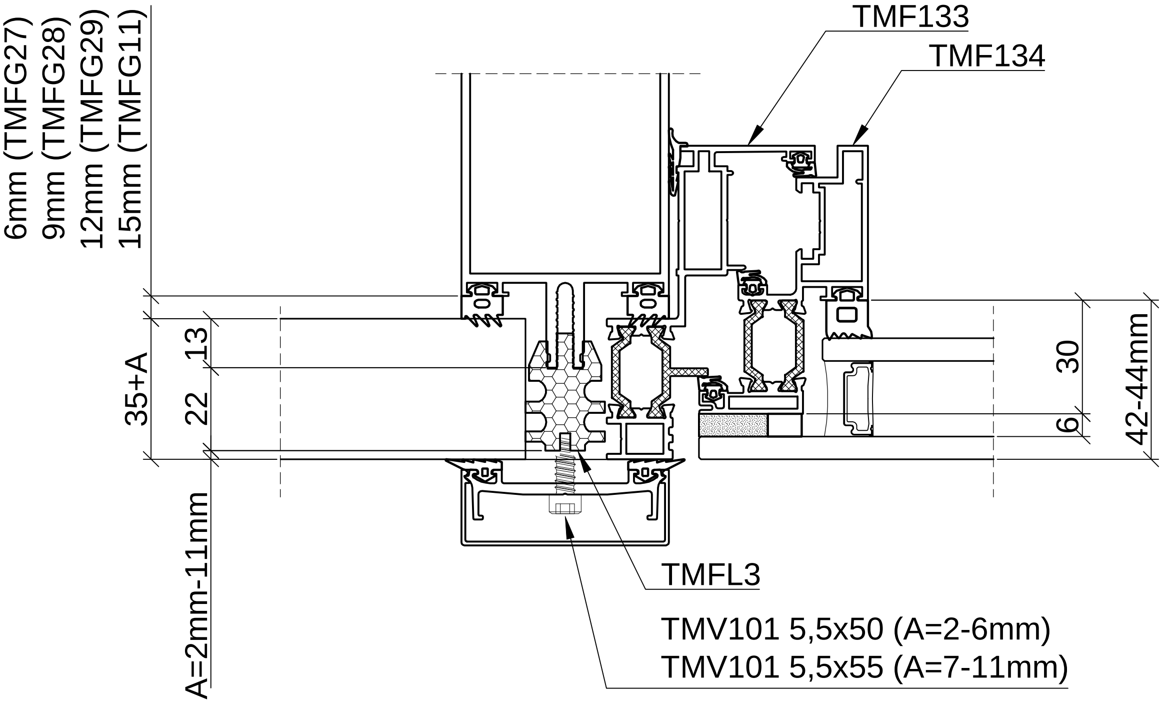

TMFG27
TMFG28
TMFG29
TMFG11
6
9
12
15
35+A
32+A
29+A
26+A
19
22
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x55 (A=7-11mm)
TMV101 5,5x60 (A=12-14mm)
TMFL3
A=2mm-14mm

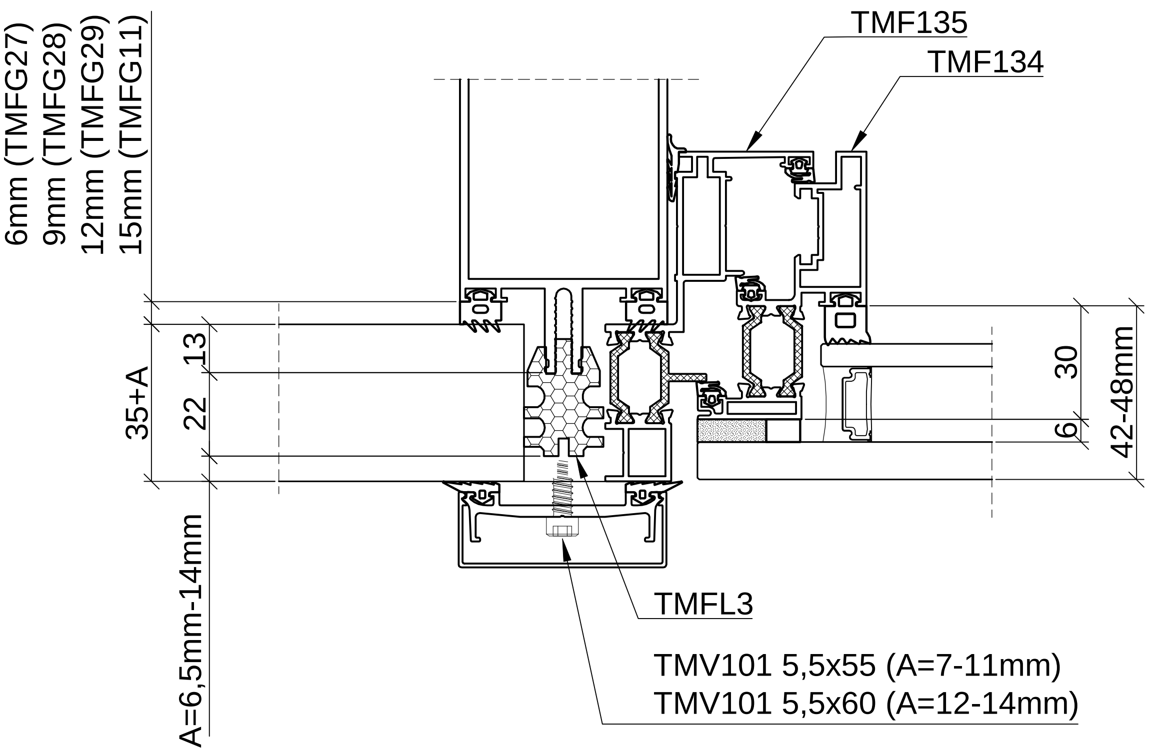

TMFL3
22
A
TMFL1
20
B=A+2mm

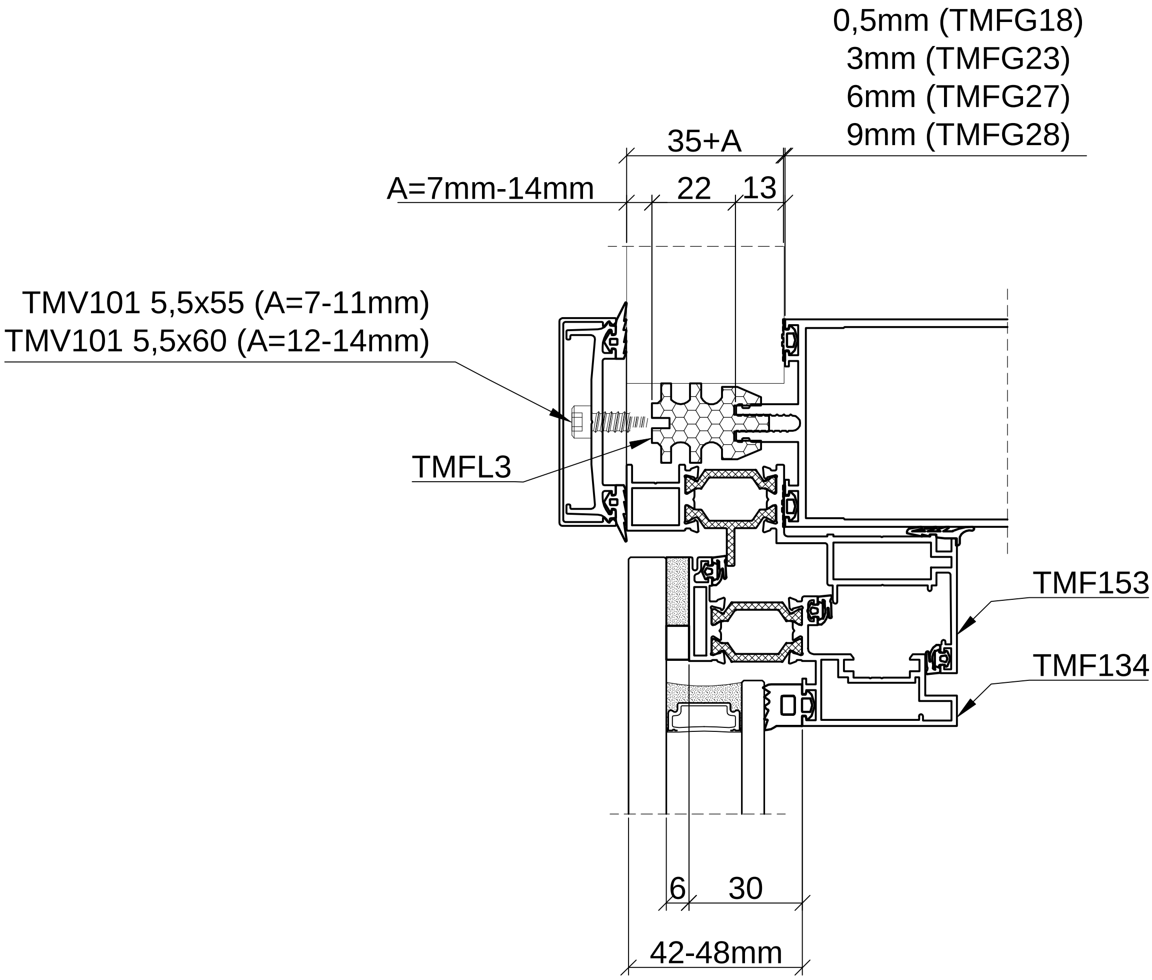

35+A
0,5
TMFG18
32+A
3
TMFG23
29+A
6
TMFG27
26+A
9
TMFG28
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x55 (A=7-11mm)
TMV101 5,5x60 (A=12-14mm)
TMFL3
A=2mm-14mm
22
13

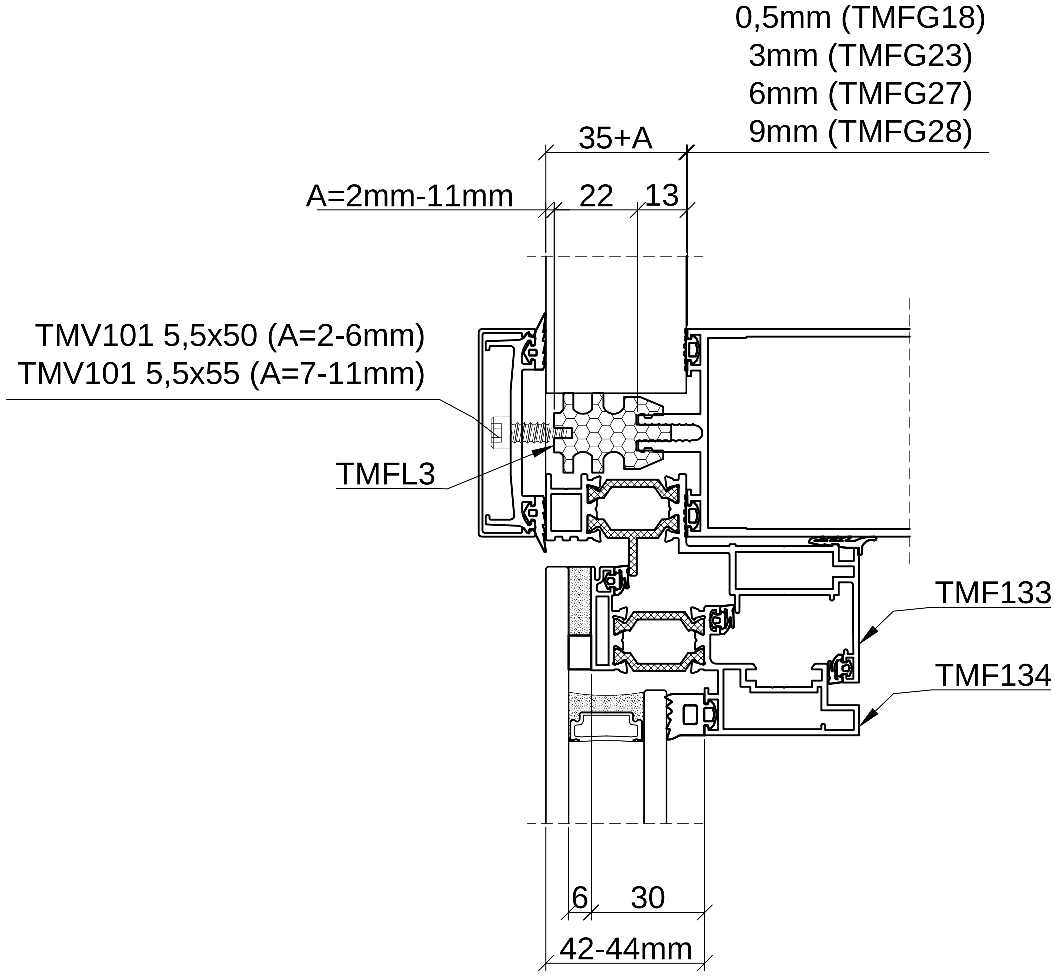

15mm (TMFG11)
35+A
14-26mm
19
22
A=2-14mm
TMFL3
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x55 (A=7-11mm)

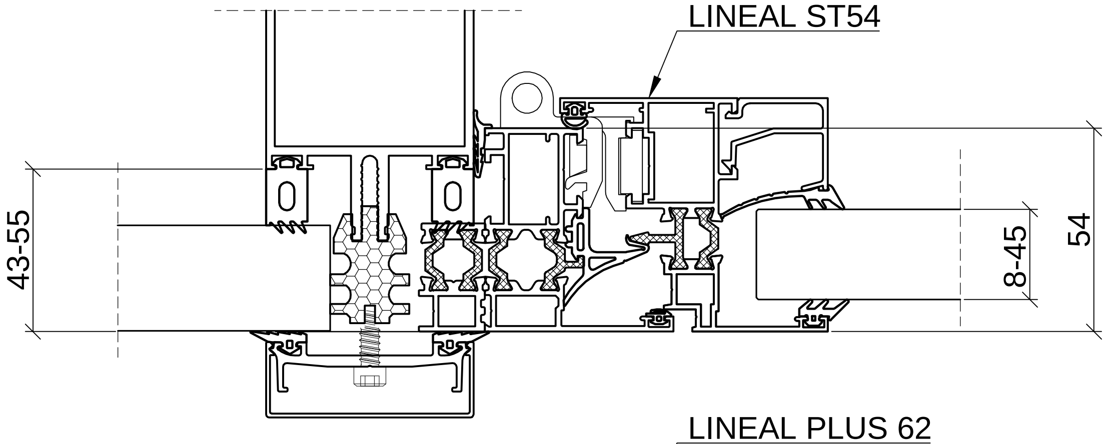

35+A
9mm
(TMFG28)
14-26mm
TMV101 5,5x55 (A=7-11mm)
TMV101 5,5x60 (A=12-14mm)
TMFL3
A=2-14mm
22
13

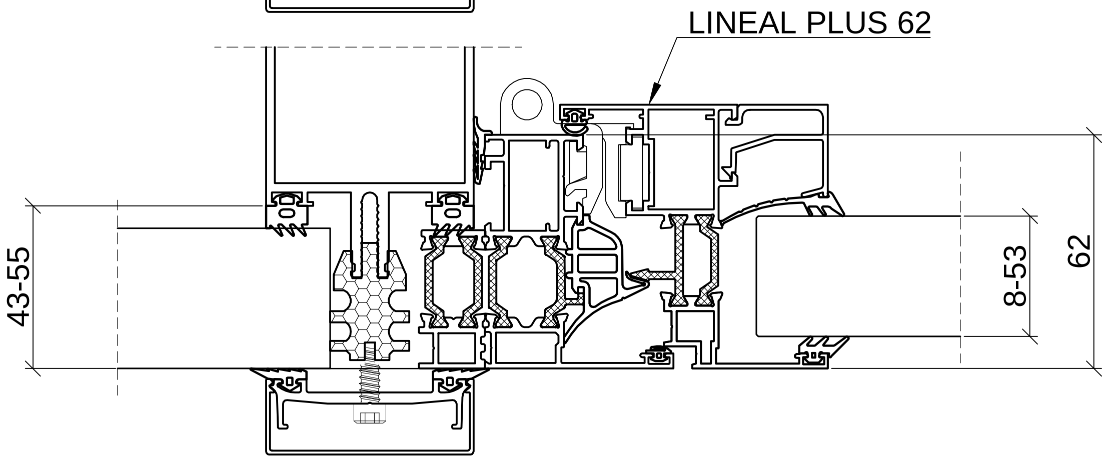

TMF133
TMF134
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
35+A
13
22
30
6
42-44mm
A=2mm-11mm
TMFL3
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x55 (A=7-11mm)

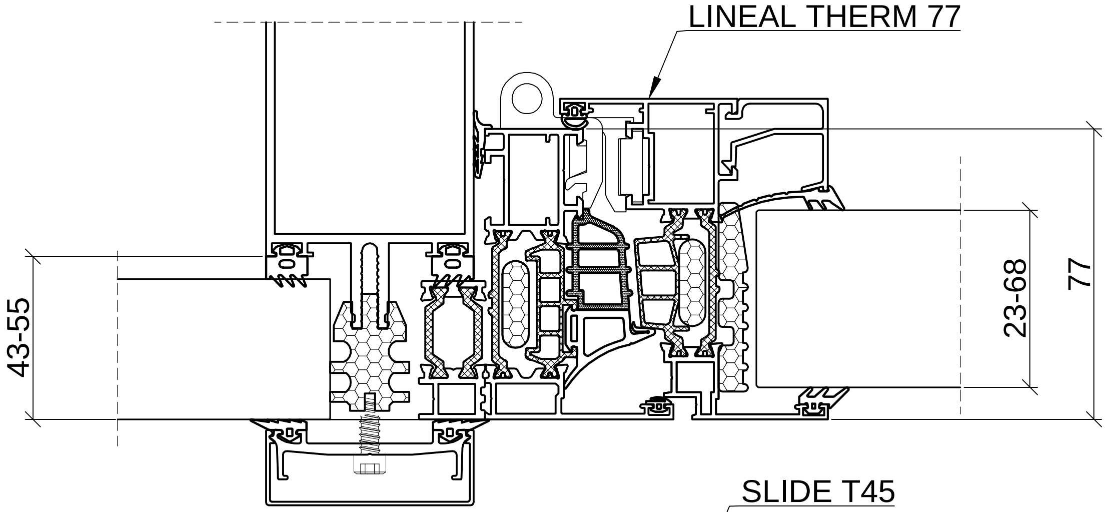

TMF135
TMF134
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
35+A
13
22
30
6
42-48mm
A=6,5mm-14mm
TMFL3
TMV101 5,5x55 (A=7-11mm)
TMV101 5,5x60 (A=12-14mm)

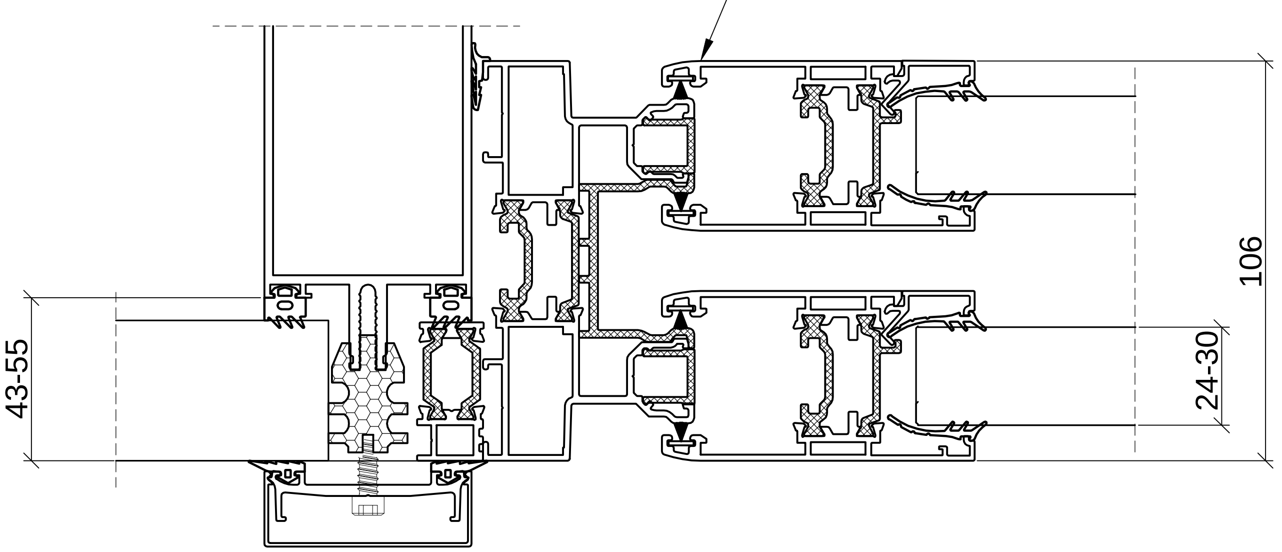

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
35+A
A=7mm-14mm
22
13
TMV101 5,5x55 (A=7-11mm)
TMV101 5,5x60 (A=12-14mm)
TMFL3
TMF153
TMF134
6
30
42-48mm

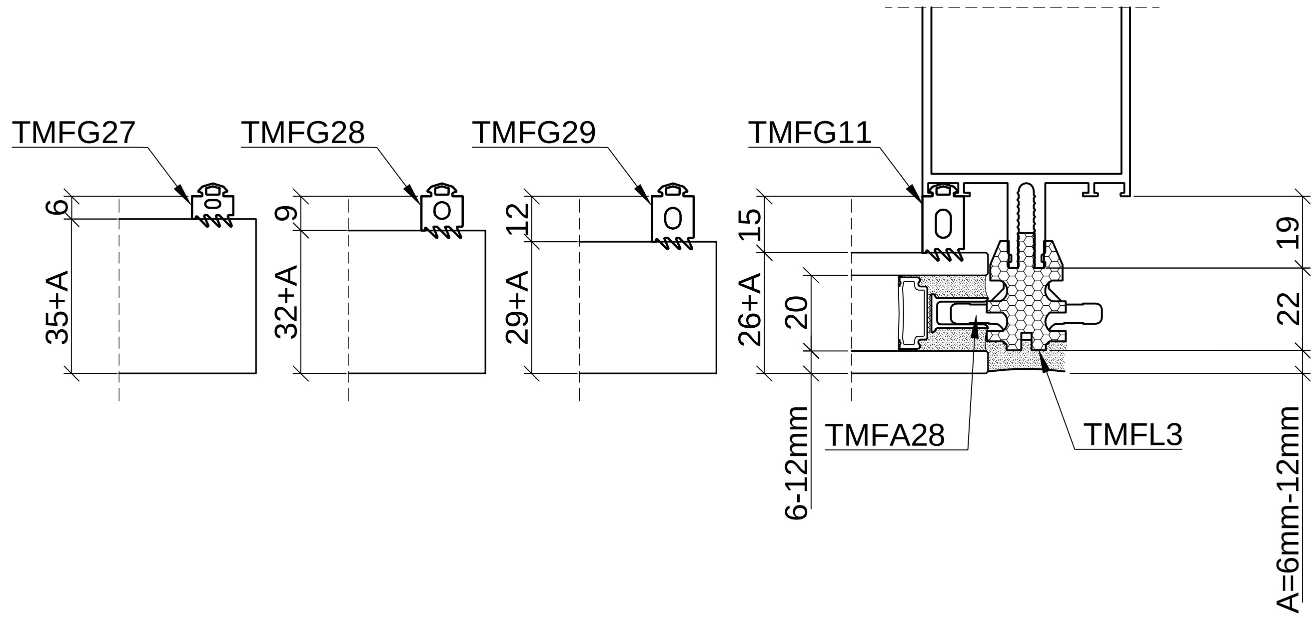

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
35+A
A=2mm-11mm
22
13
TMV101 5,5x50 (A=2-6mm)
TMV101 5,5x55 (A=7-11mm)
TMFL3
TMF133
TMF134
6
30
42-44mm

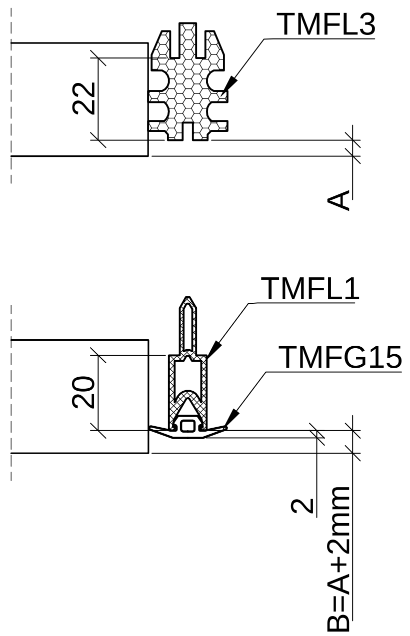

LINEAL ST54
43-55
8-45
54

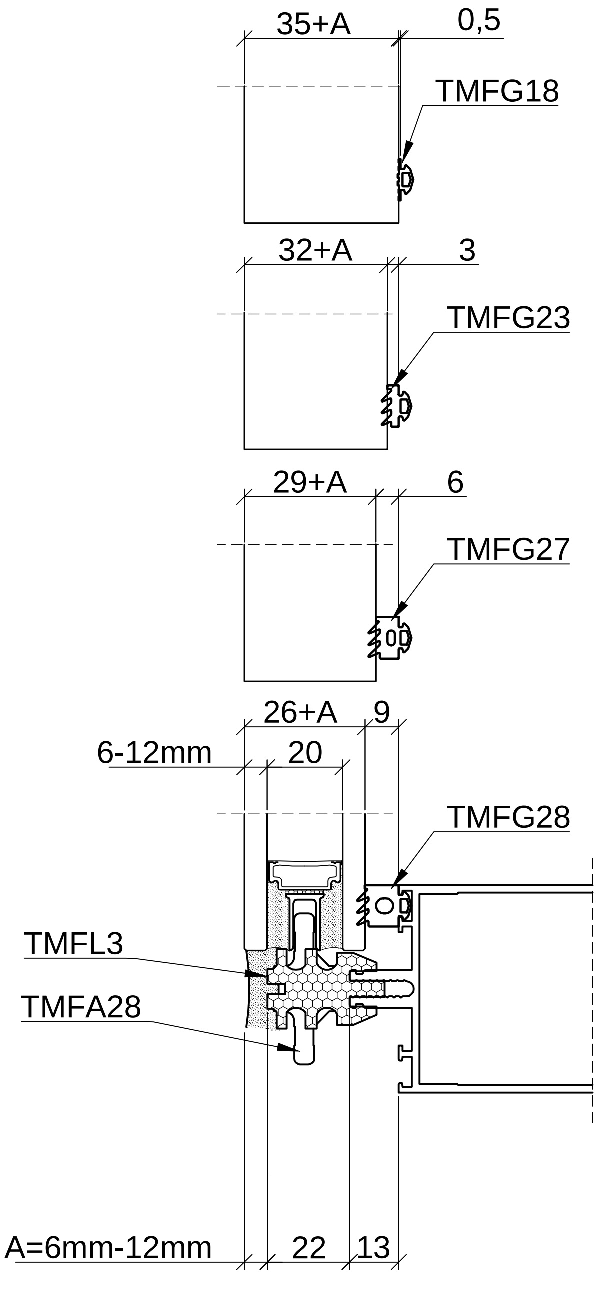

LINEAL PLUS 62
43-55
8-53
62

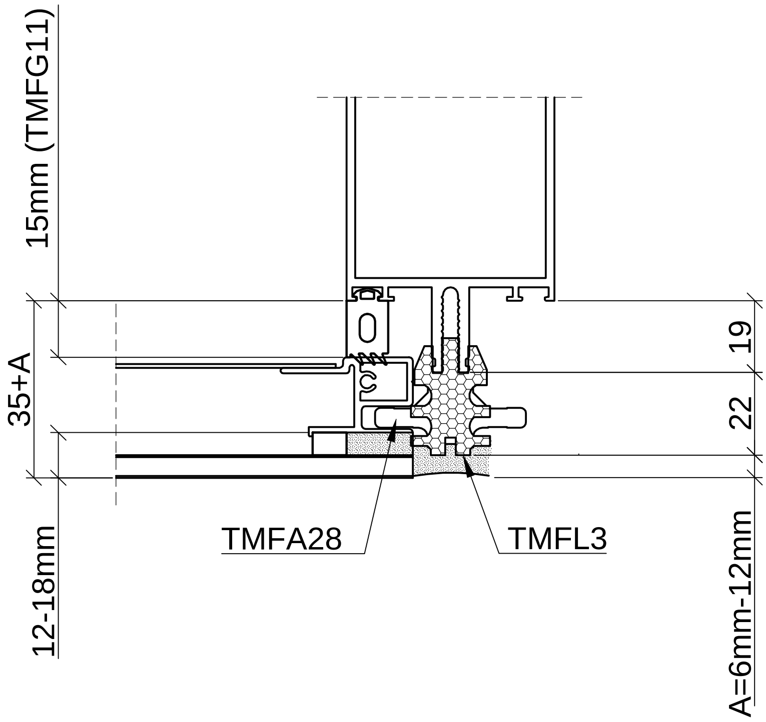

LINEAL THERM 77
43-55
23-68
77

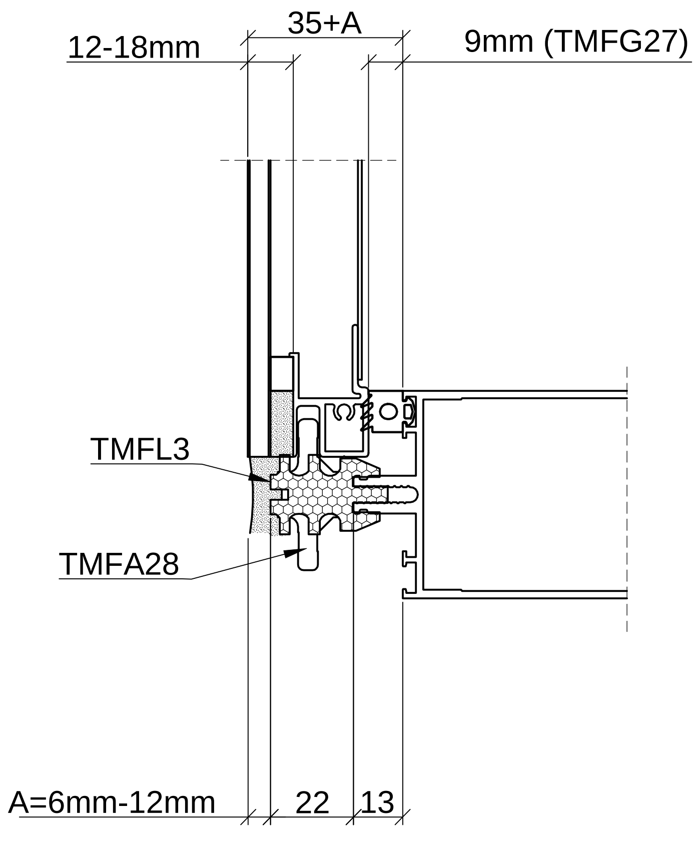

SLIDE T45
43-55
24-30
106

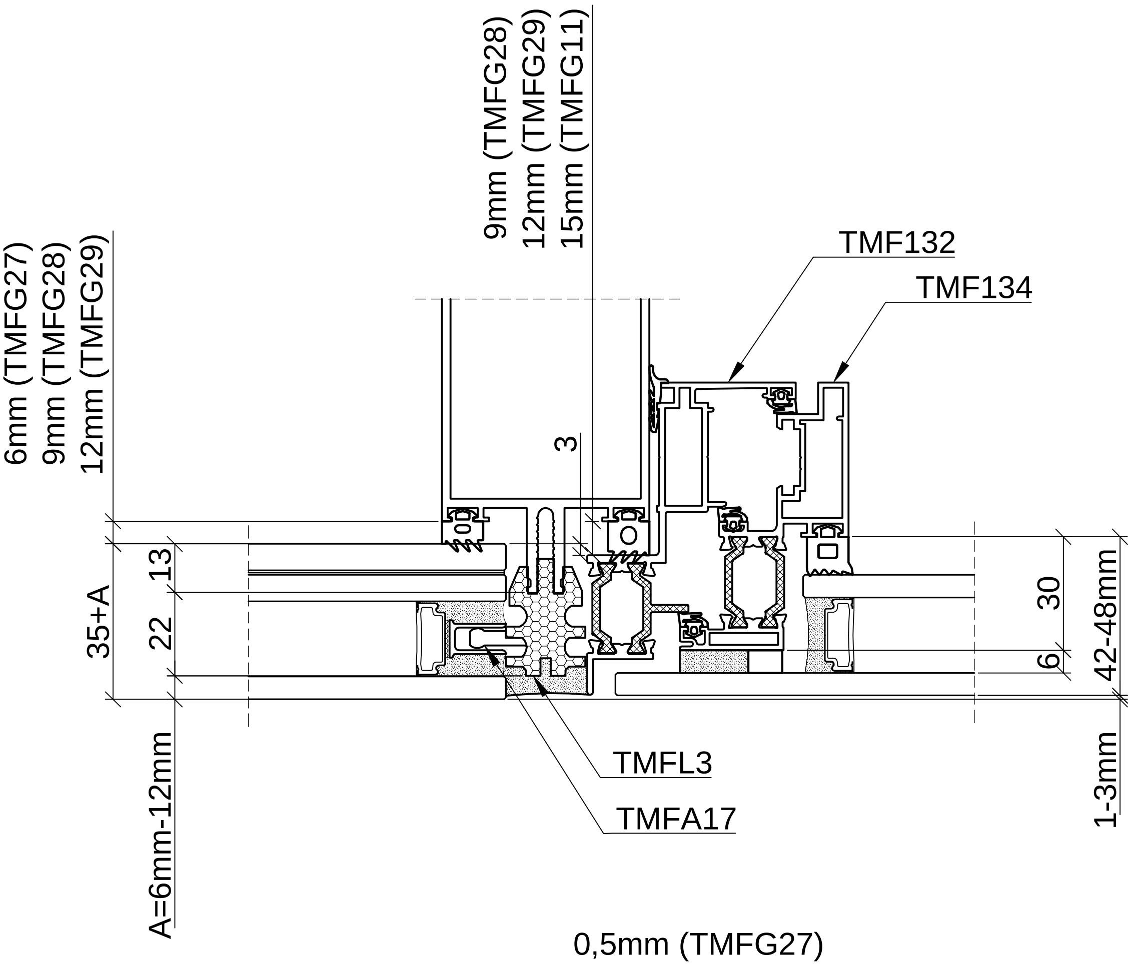

TMFG27
TMFG28
TMFG29
TMFG11
6
35+A
9
32+A
12
29+A
15
26+A
20
19
22
6-12mm
TMFA28
TMFL3
A=6mm-12mm

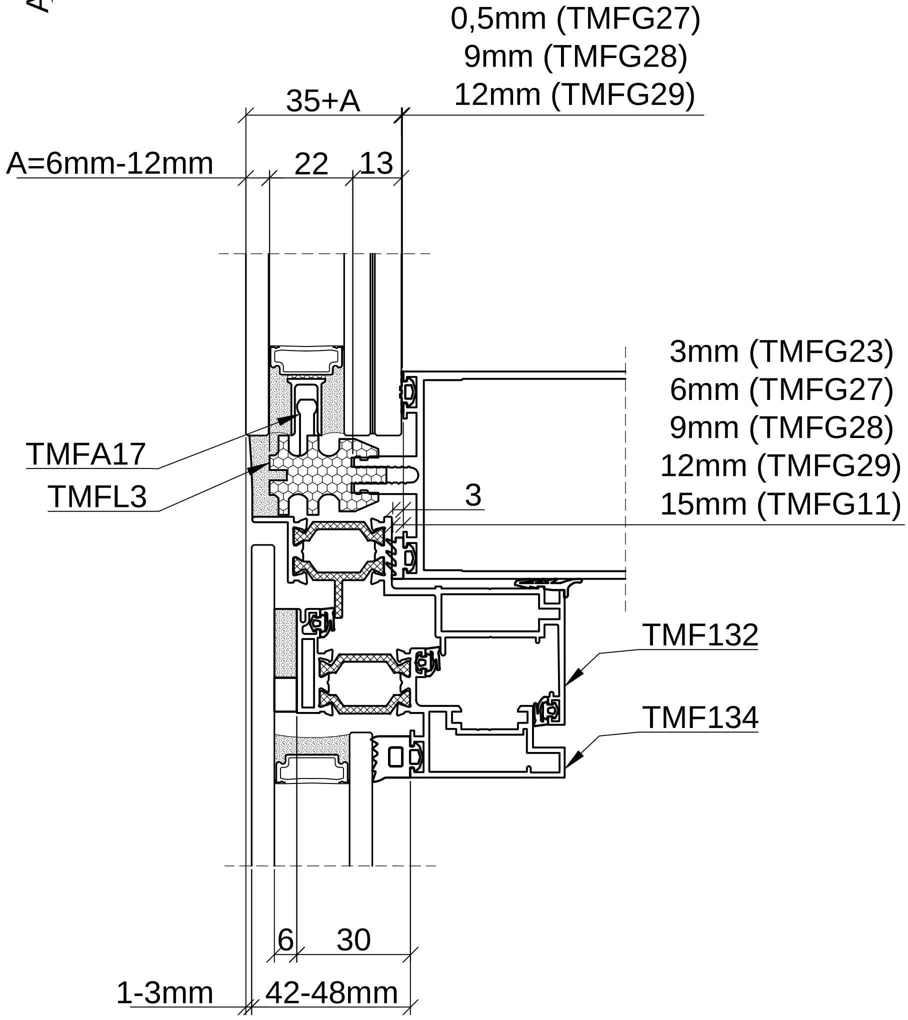

TMFL3
22
A
TMFL1
TMFG15
20
2
B=A+2mm

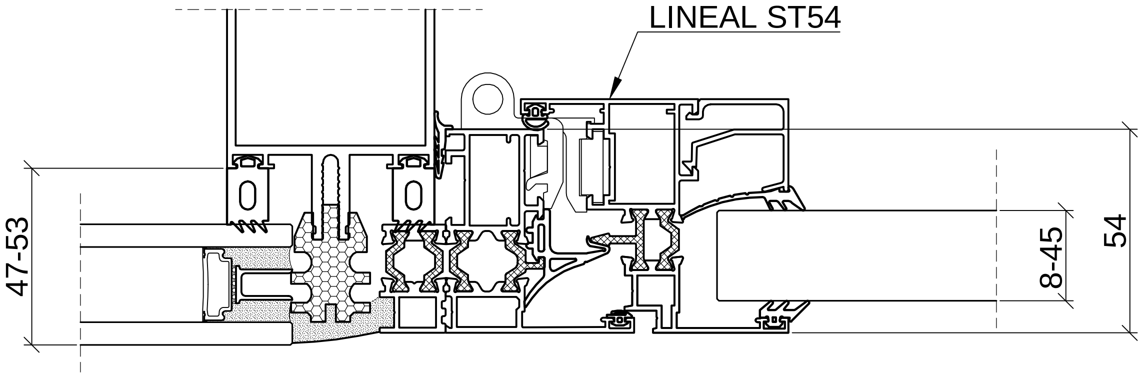

35+A
0,5
TMFG18
32+A
3
TMFG23
29+A
6
TMFG27
26+A
9
6-12mm
20
TMFG28
TMFL3
TMFA28
A=6mm-12mm
22
13

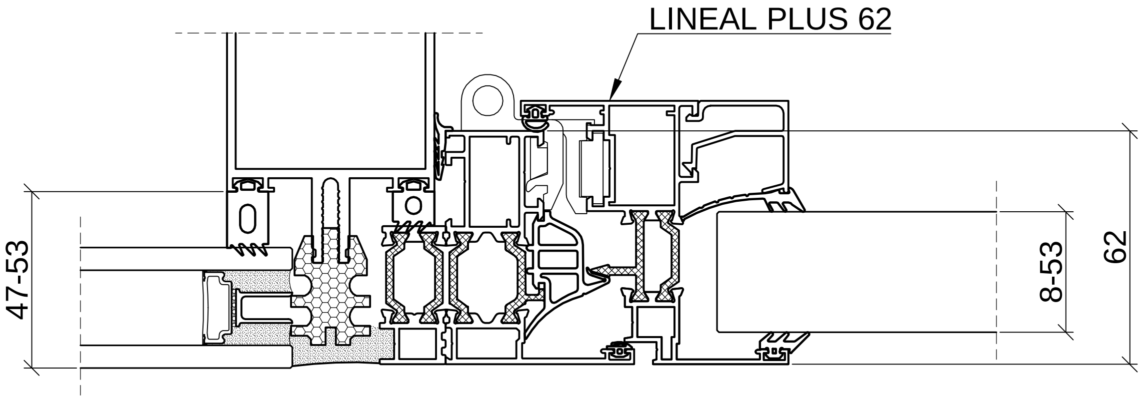

15mm (TMFG11)
35+A
12-18mm
19
22
A=6mm-12mm
TMFA28
TMFL3

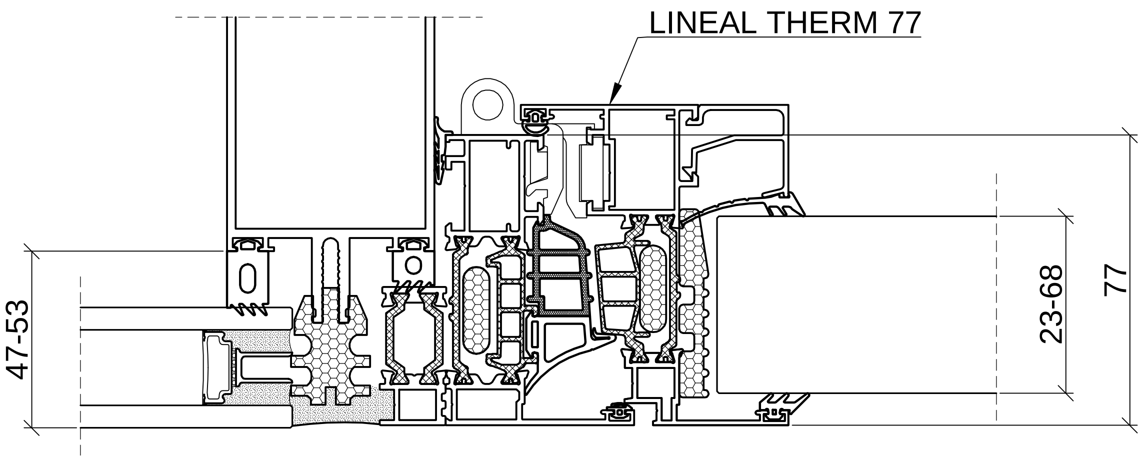

12-18mm
35+A
9mm (TMFG27)
TMFL3
TMFA28
A=6mm-12mm
22
13

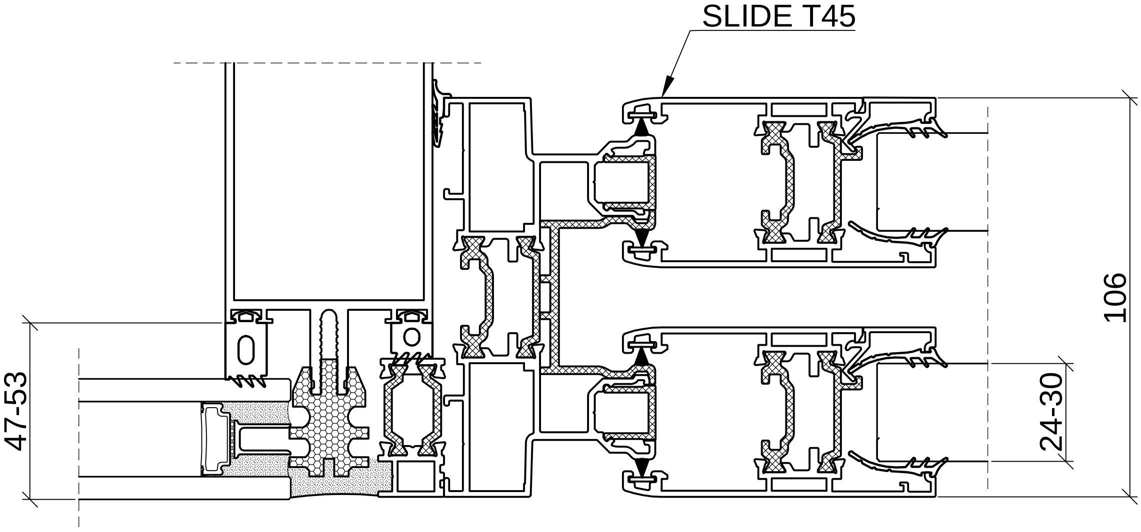

9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
TMF132
TMF134
3
13
35+A
22
30
6
42-48mm
TMFL3
TMFA17
1-3mm
A=6mm-12mm

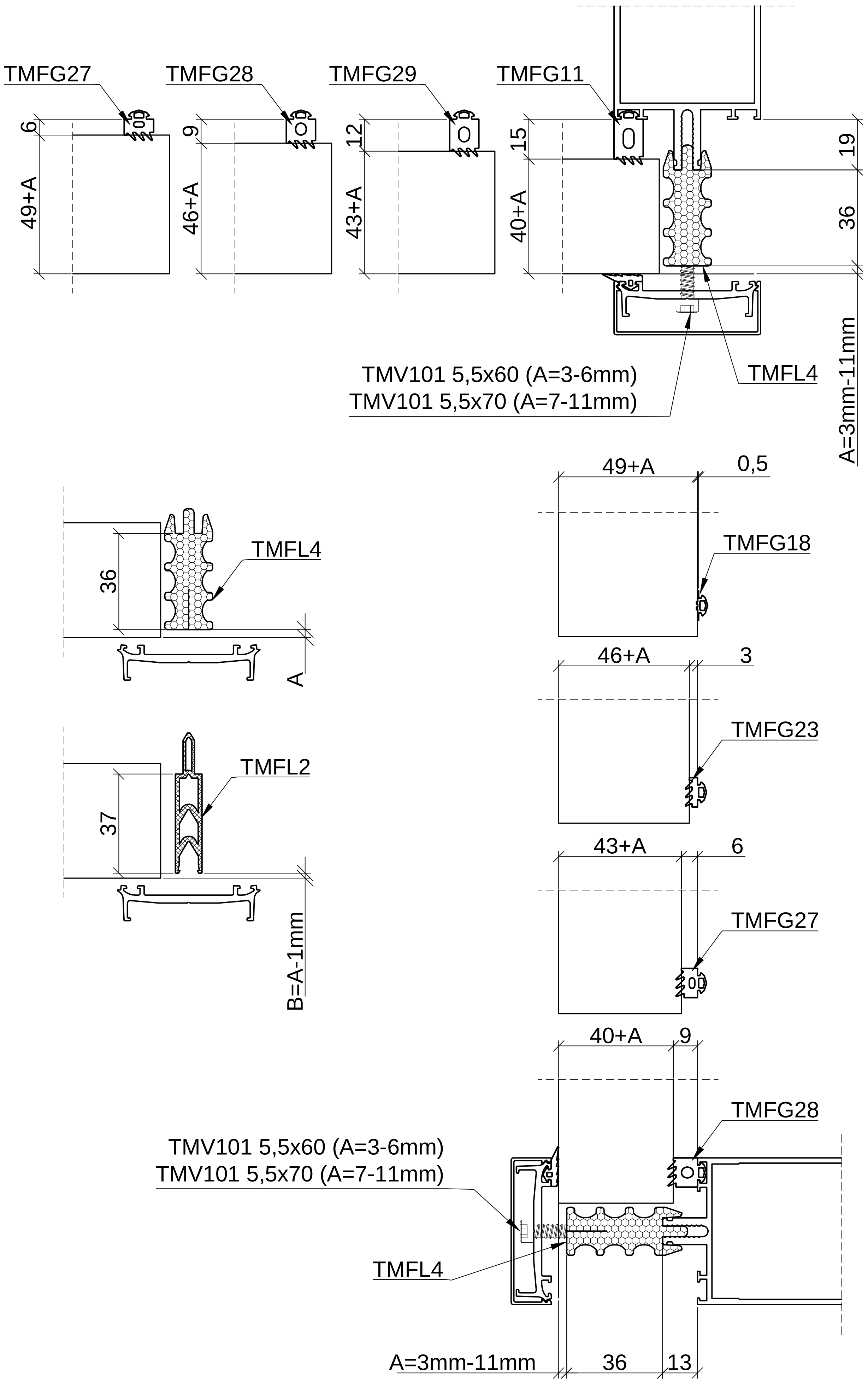

0,5mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
35+A
A=6mm-12mm
22
13
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
TMFA17
TMFL3
3
TMF132
TMF134
6
30
1-3mm
42-48mm

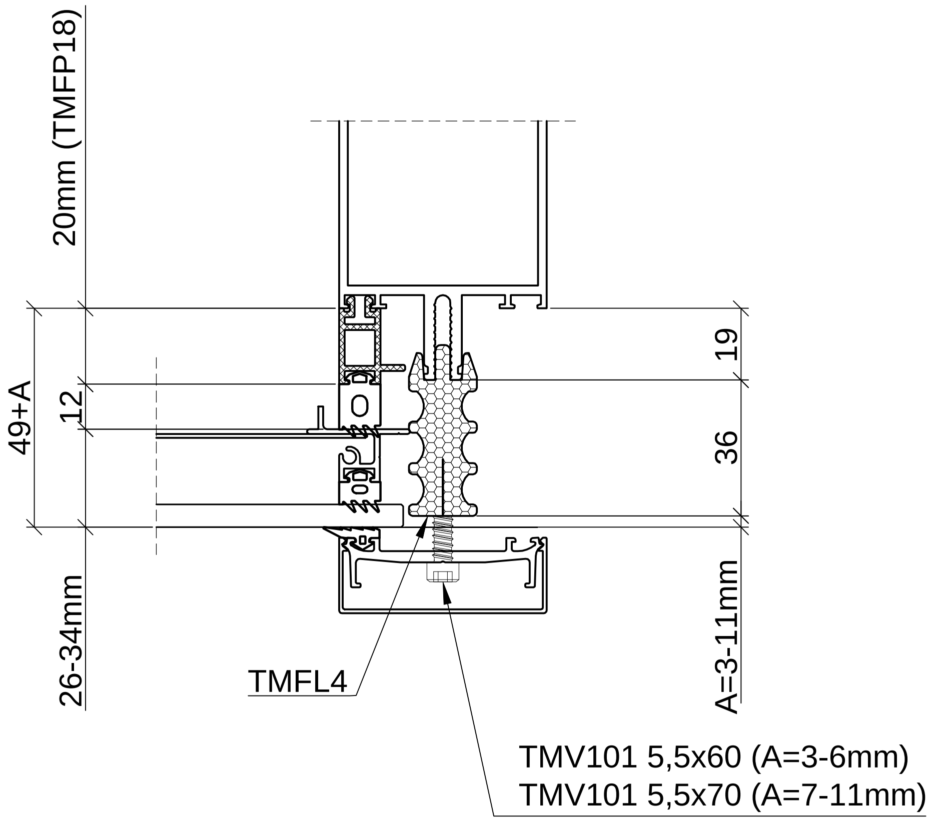

LINEAL ST54
47-53
8-45
54

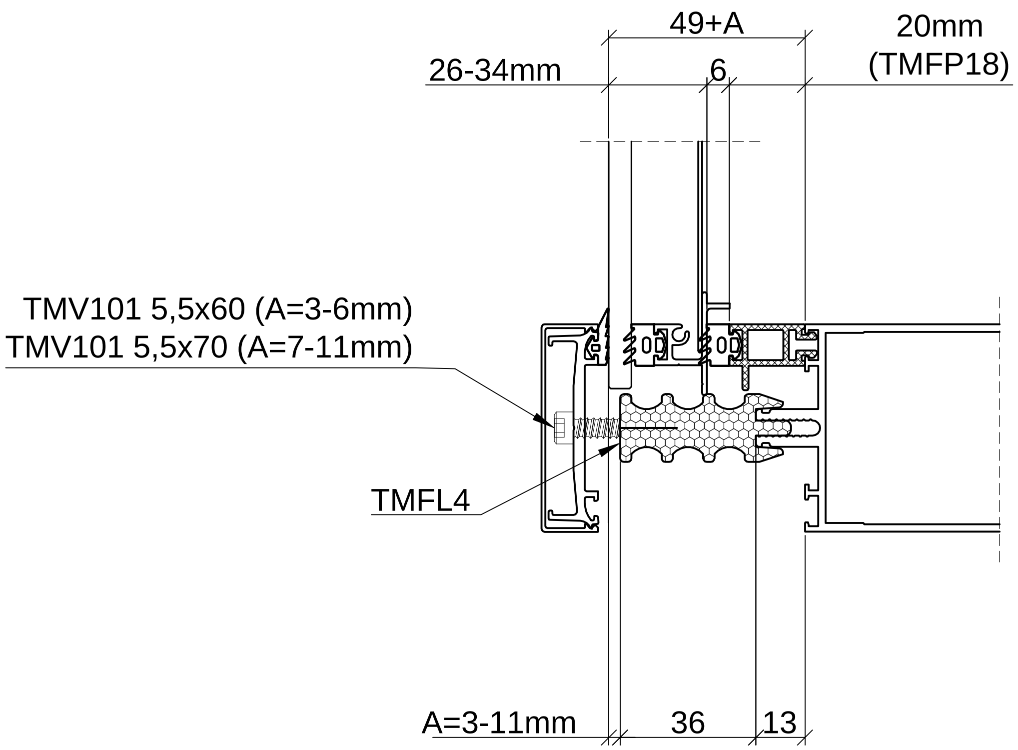

LINEAL PLUS 62
47-53
8-53
62

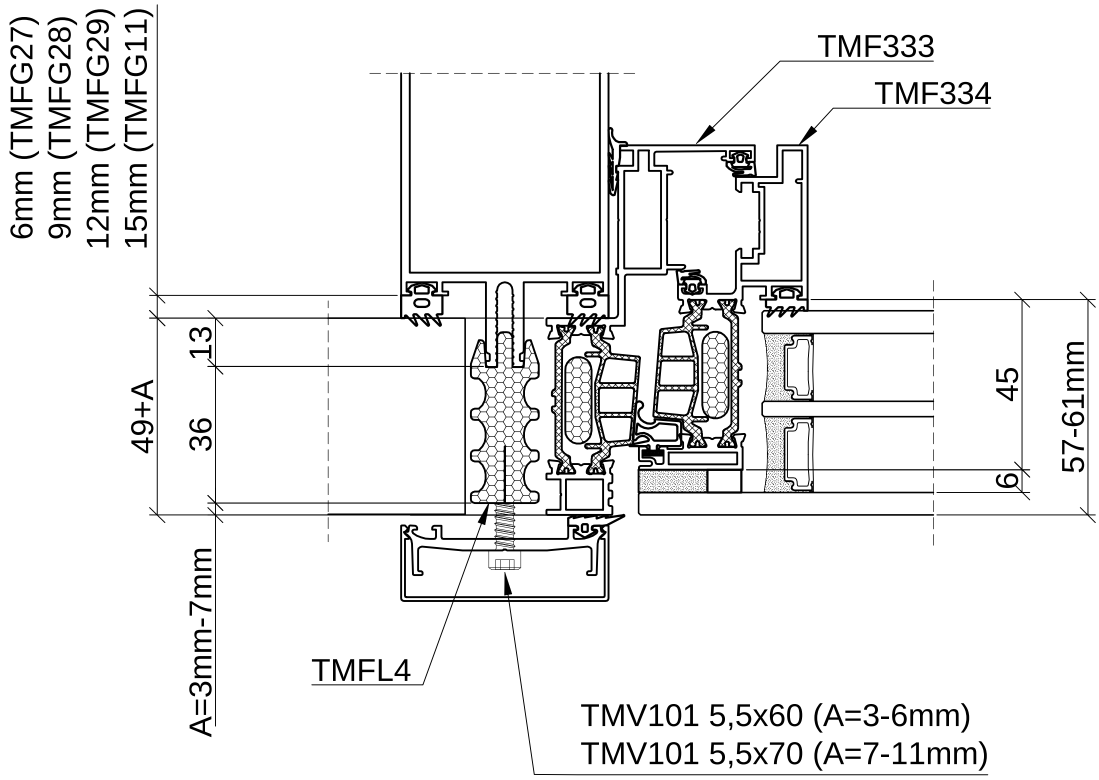

LINEAL THERM 77
47-53
23-68
77

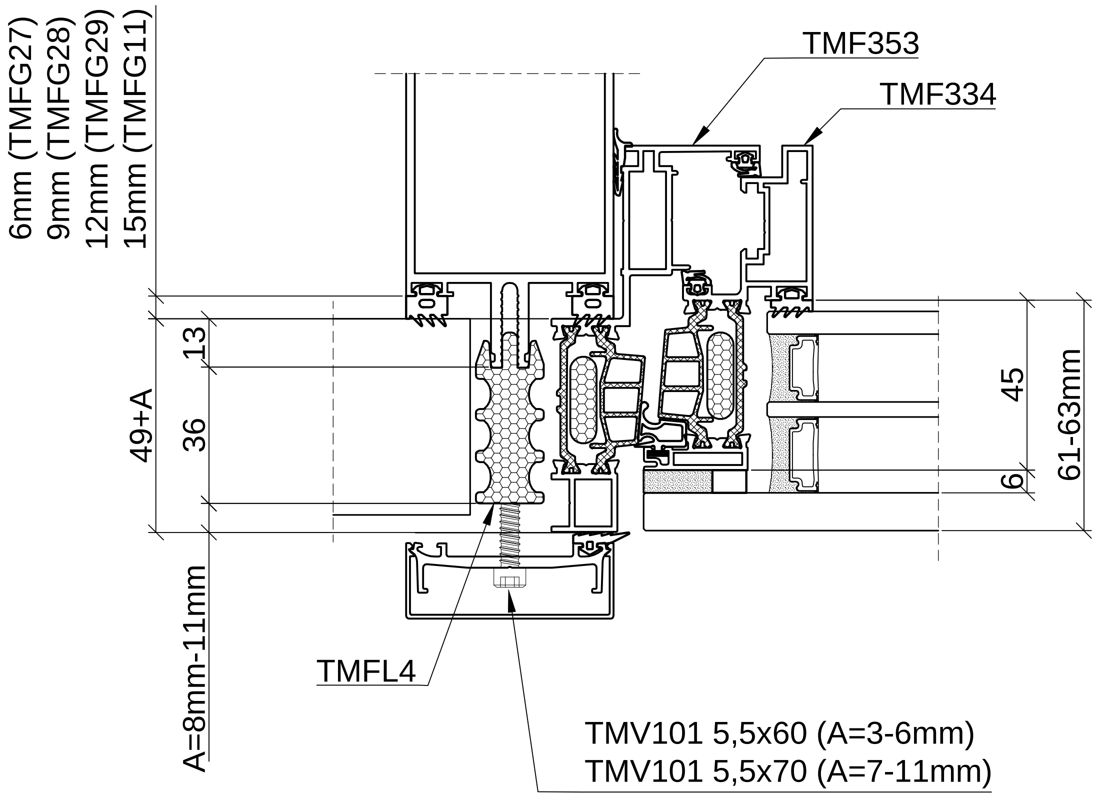

SLIDE T45
47-53
24-30
106

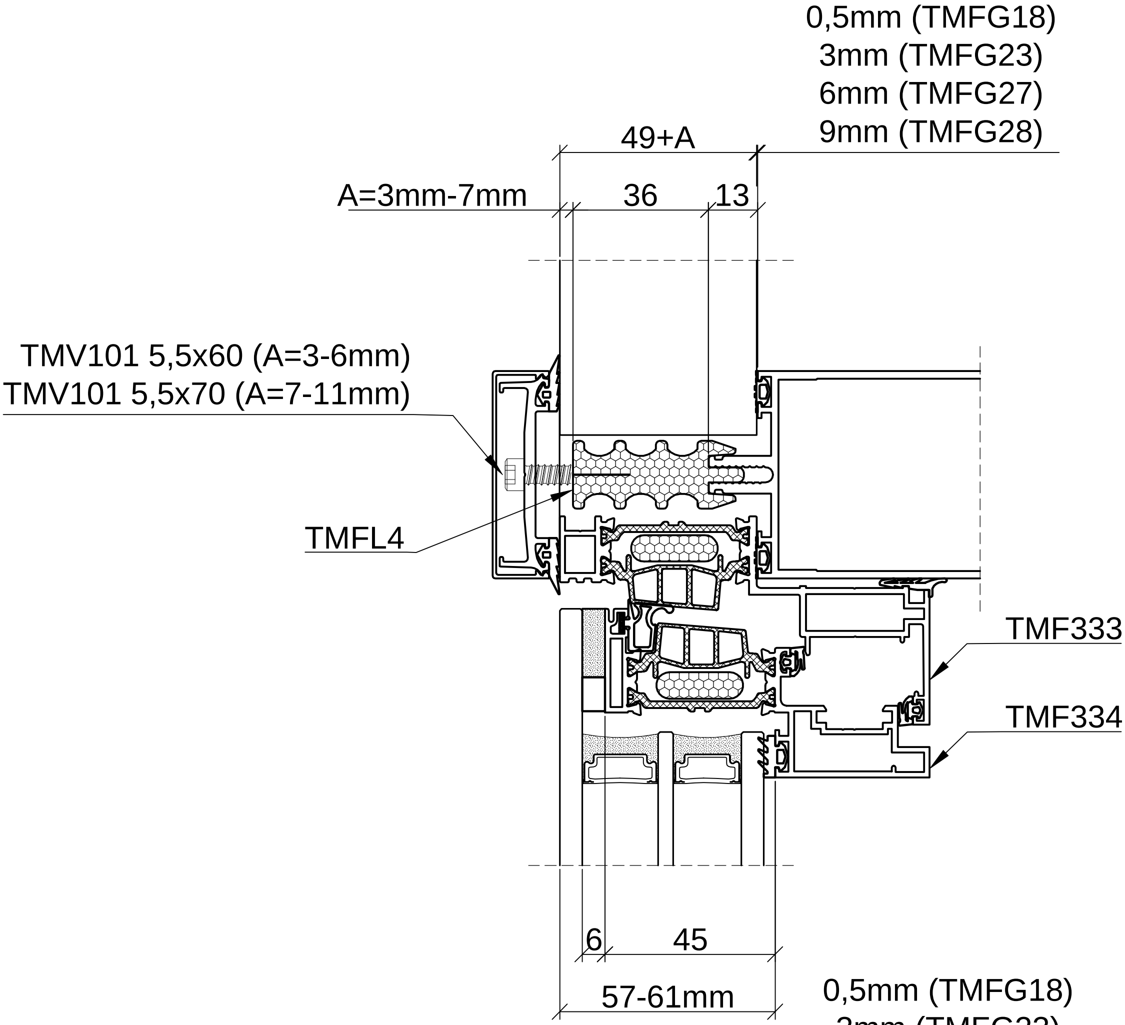

TMFG27
TMFG28
TMFG29
TMFG11
6
9
12
15
19
49+A
46+A
43+A
40+A
36
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)
TMFL4
A=3mm-11mm
49+A
0,5
TMFG18
TMFL4
36
A
46+A
3
TMFG23
TMFL2
37
B=A-1mm
43+A
6
TMFG27
40+A
9
TMFG28
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)
TMFL4
A=3mm-11mm
36
13

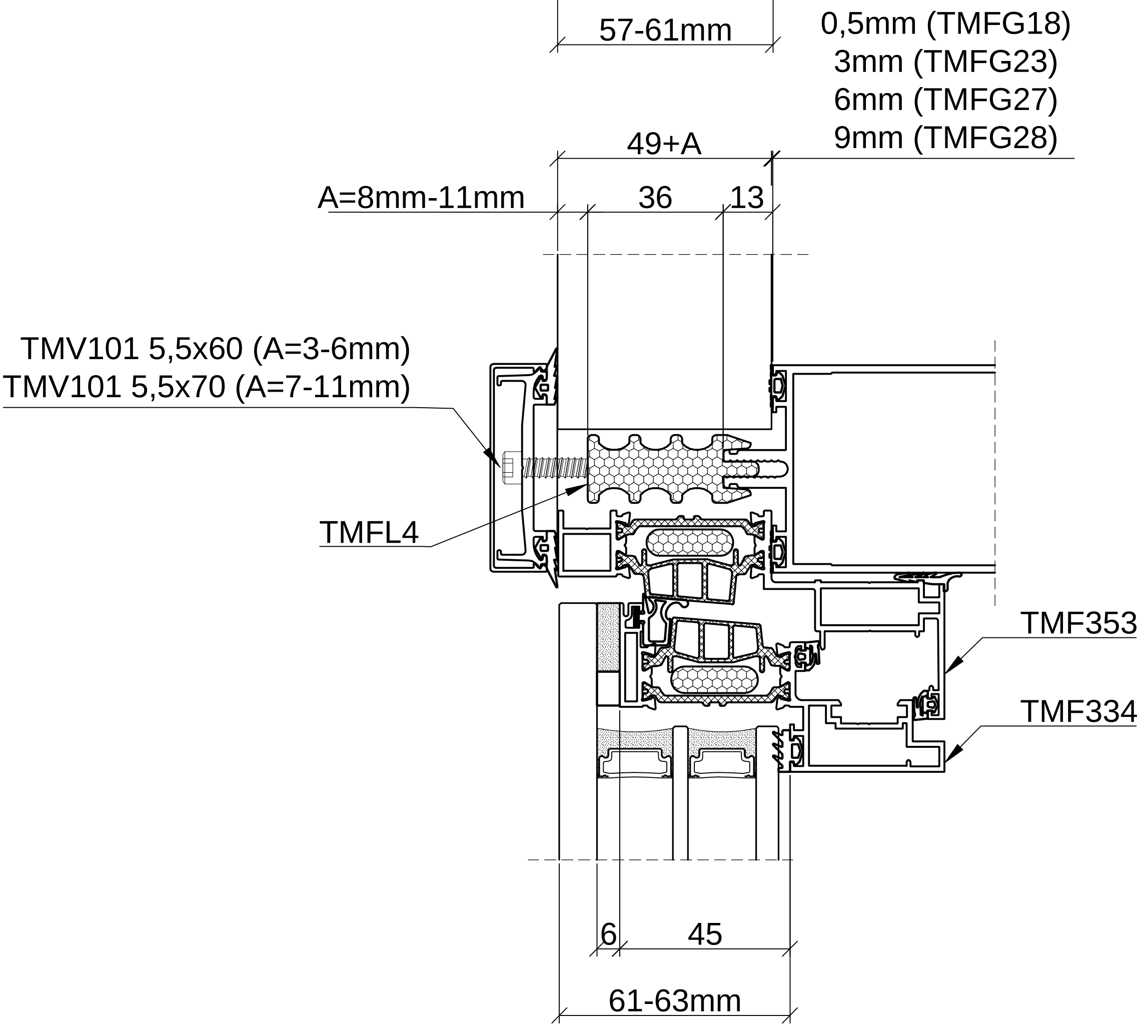

20mm (TMFP18)
49+A
12
19
36
26-34mm
A=3-11mm
TMFL4
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)

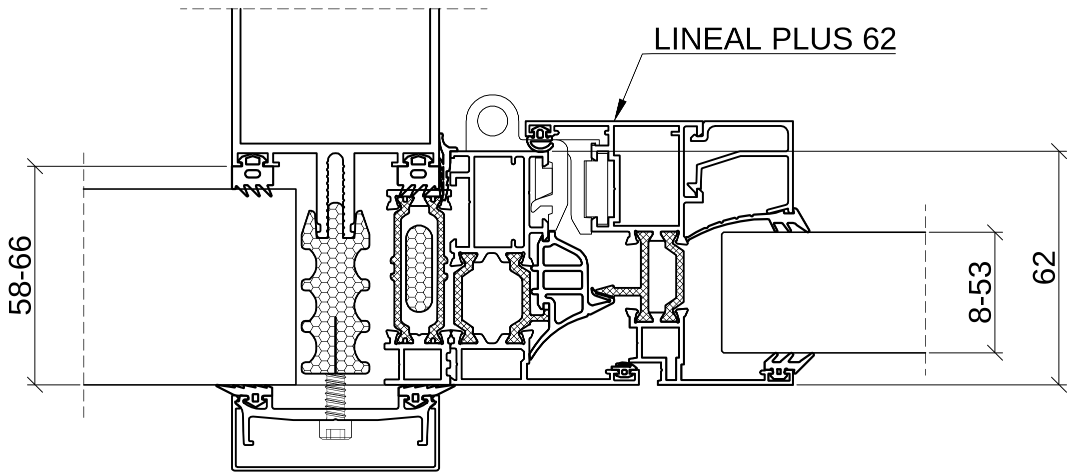

49+A
26-34mm
6
20mm (TMFP18)
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)
TMFL4
A=3-11mm
36
13

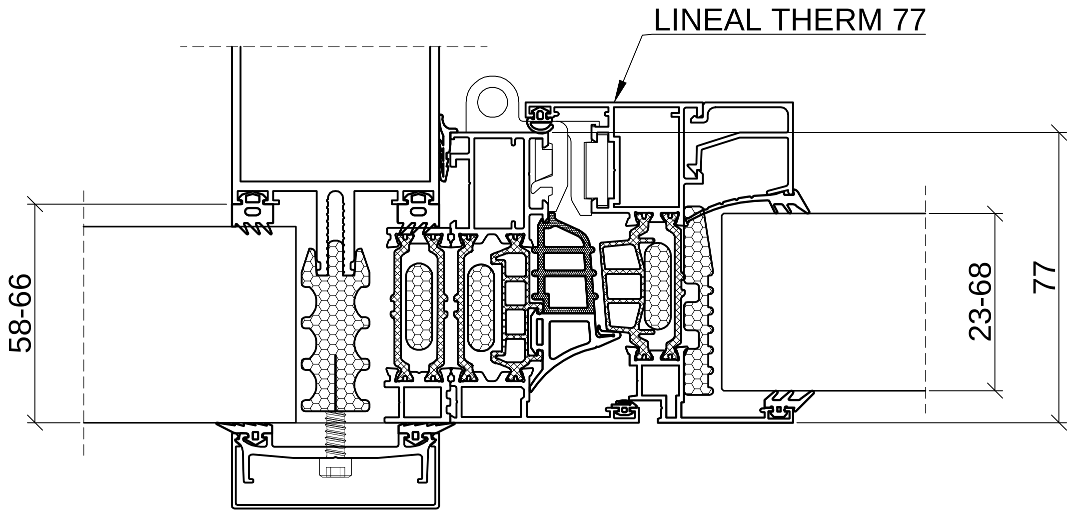

6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
TMF333
TMF334
13
36
49+A
45
6
57-61mm
A=3mm-7mm
TMFL4
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)

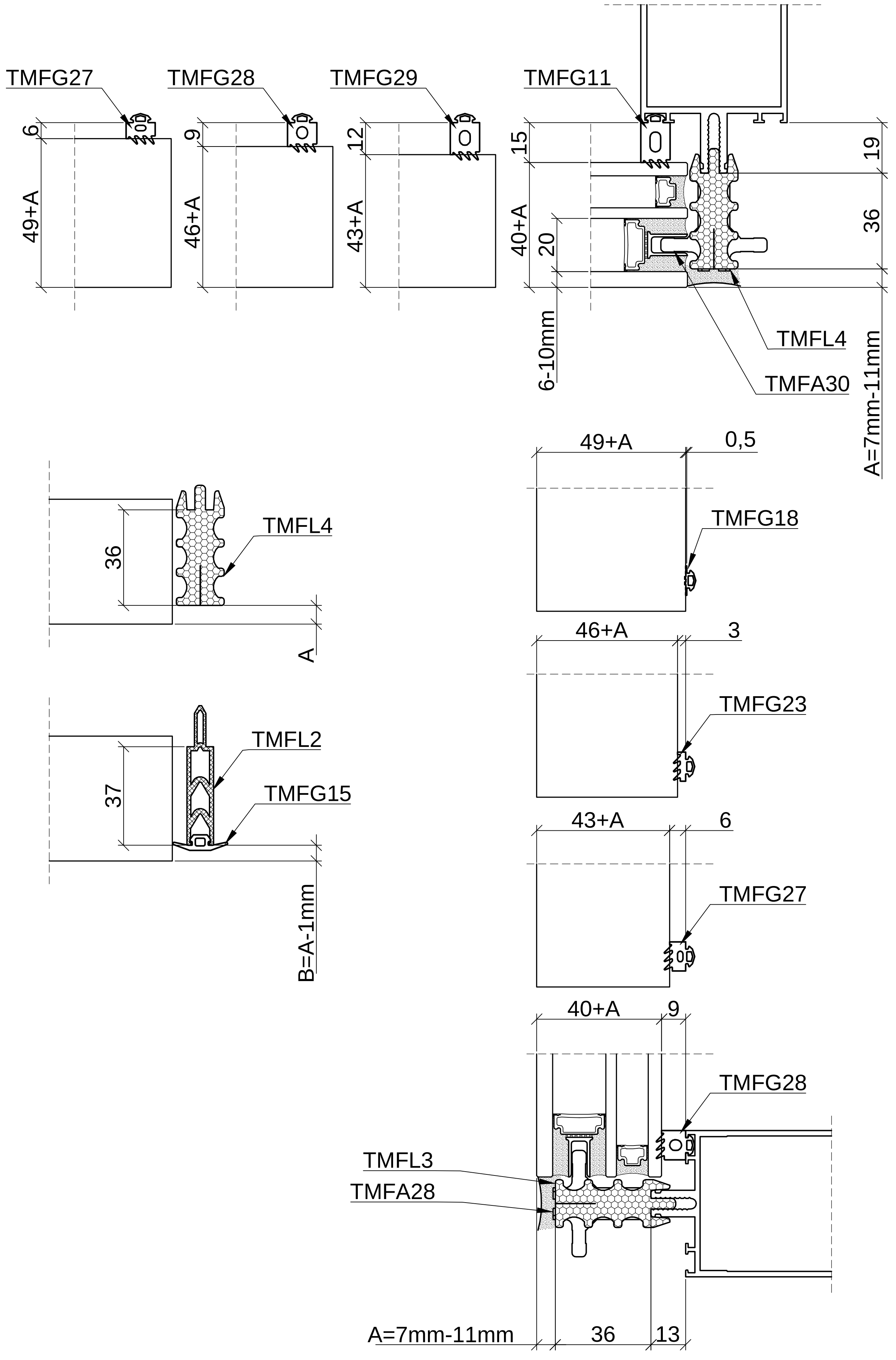

6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
TMF353
TMF334
13
36
49+A
45
6
61-63mm
A=8mm-11mm
TMFL4
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)

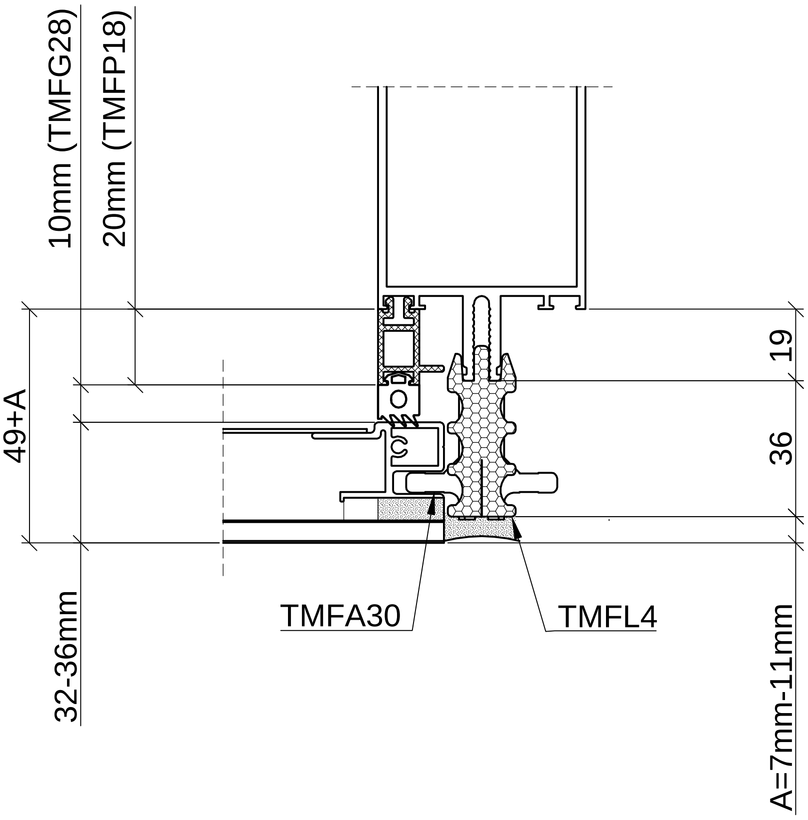

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
49+A
A=3mm-7mm
36
13
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)
TMFL4
TMF333
TMF334
6
45
57-61mm

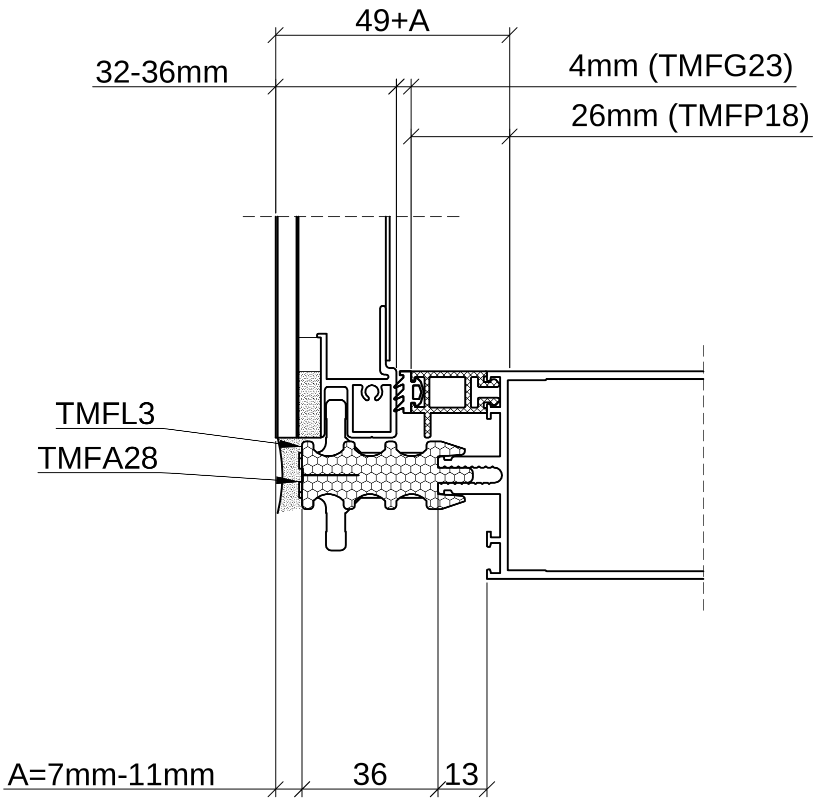

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
49+A
A=8mm-11mm
36
13
TMV101 5,5x60 (A=3-6mm)
TMV101 5,5x70 (A=7-11mm)
TMFL4
TMF353
TMF334
6
45
61-63mm

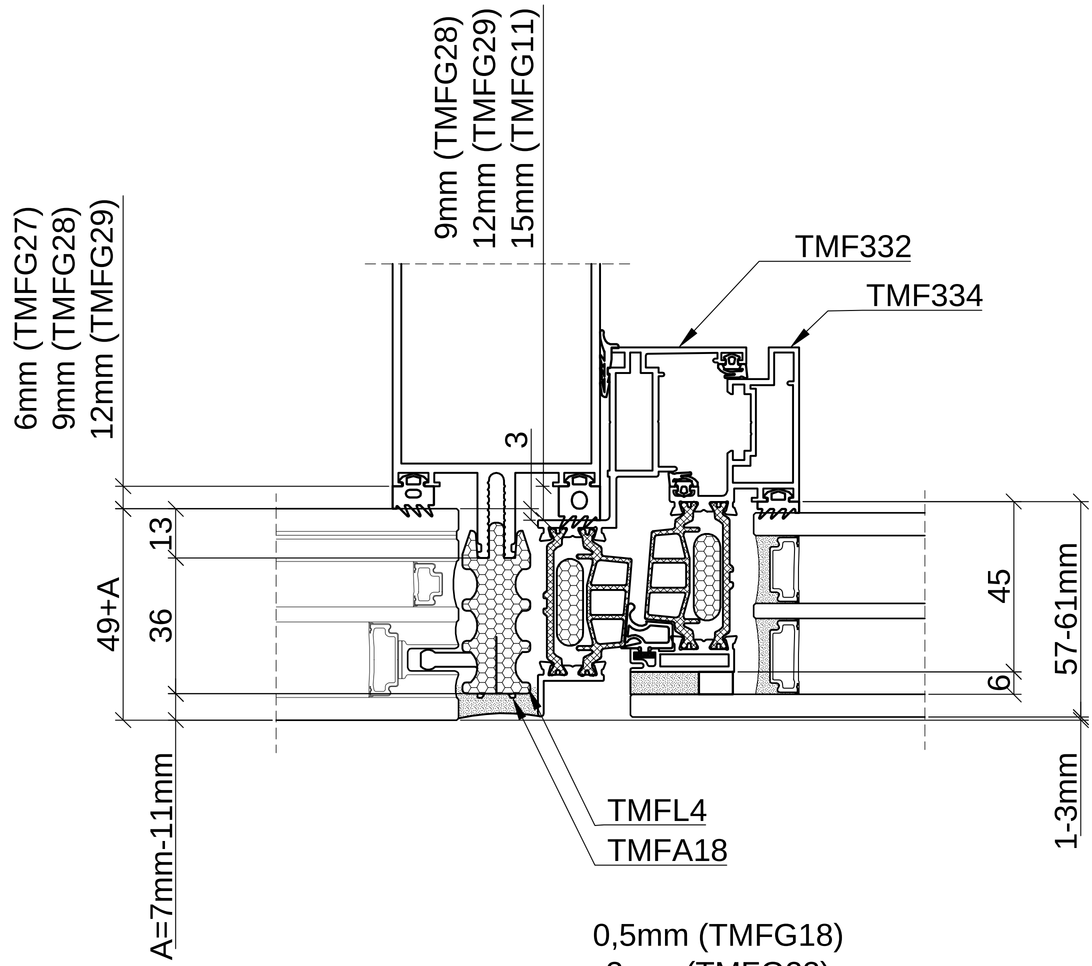

LINEAL PLUS 62
58-66
8-53
62

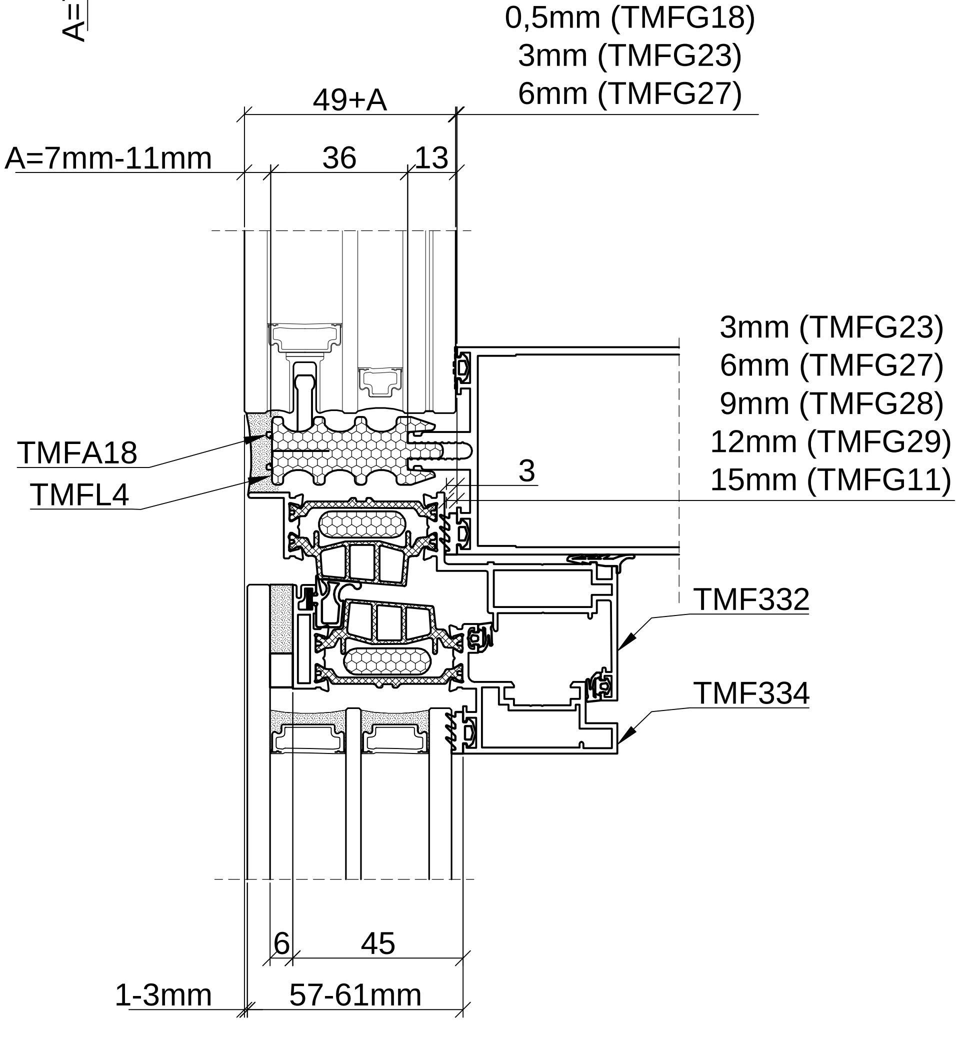

LINEAL THERM 77
58-66
23-68
77

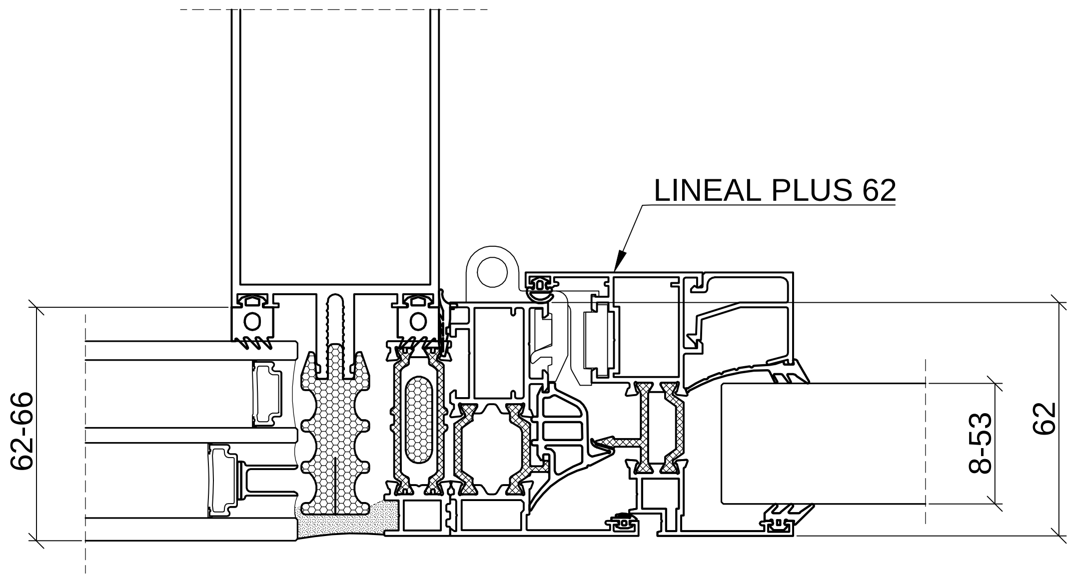

TMFG27
TMFG28
TMFG29
TMFG11
6
9
12
15
19
36
49+A
46+A
43+A
40+A
20
6-10mm
TMFL4
TMFA30
A=7mm-11mm
49+A
0,5
TMFG18
46+A
3
TMFG23
43+A
6
TMFG27
40+A
9
TMFG28
TMFL3
TMFA28
36
13
TMFL4
A
TMFL2
TMFG15
37
B=A-1mm

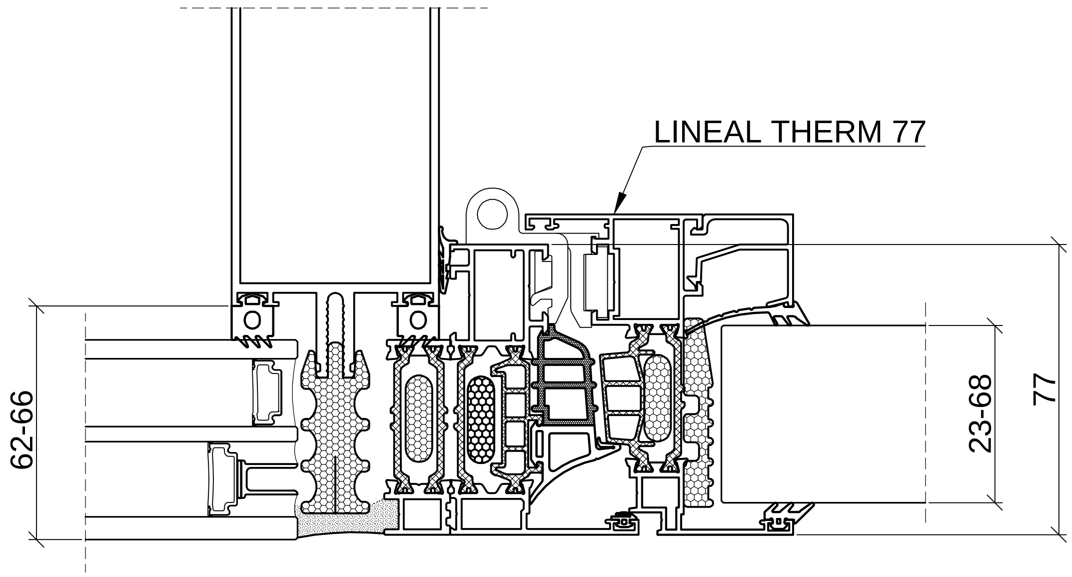

10mm (TMFG28)
20mm (TMFP18)
49+A
19
36
TMFA30
TMFL4
32-36mm
A=7mm-11mm


49+A
32-36mm
4mm (TMFG23)
26mm (TMFP18)
TMFL3
TMFA28
A=7mm-11mm
36
13


9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
3
TMF332
TMF334
13
49+A
36
45
57-61mm
6
TMFL4
TMFA18
1-3mm
A=7mm-11mm

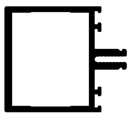
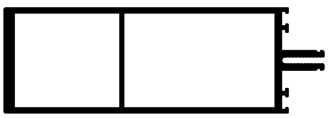
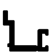
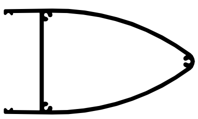

0,5mm (TMFG18)
3mm (TMFG23)
6mm (TMFG27)
49+A
A=7mm-11mm
36
13
3mm (TMFG23)
6mm (TMFG27)
9mm (TMFG28)
12mm (TMFG29)
15mm (TMFG11)
TMFA18
TMFL4
3
TMF332
TMF334
6
45
1-3mm
57-61mm

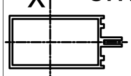
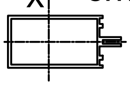
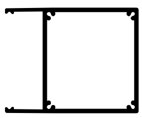
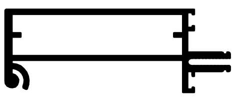
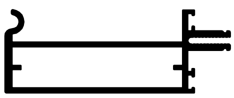
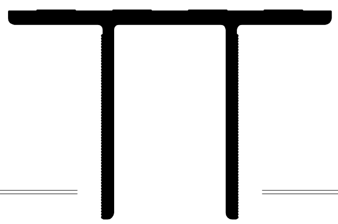

LINEAL PLUS 62
62-66
8-53
62

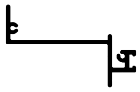
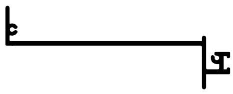
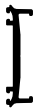
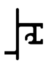

LINEAL THERM 77
62-66
23-68
77

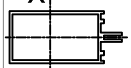
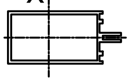
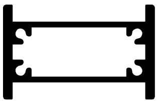
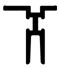
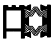
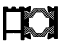
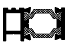
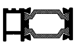
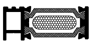
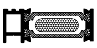
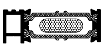
Sistem
System
Система

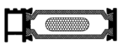
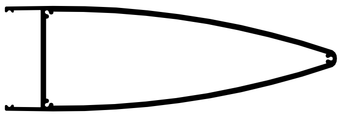
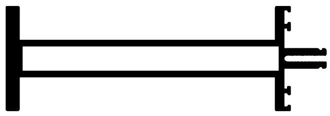
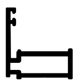
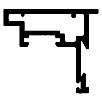
ALUMINIK CS55

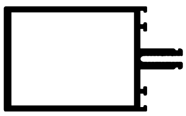
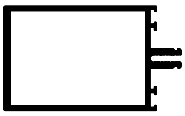
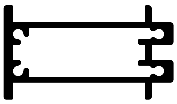
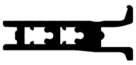
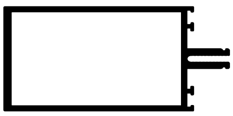
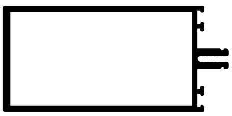
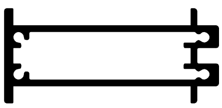
	Oznaka Mark Марк kg/m`	Opis Description Описание	cm⁴ Ix Iy	cm³ Wx Wy
	TMF2	Prečka Transom	26,2	7,18
	1,588	Транец	20,81	7,57
	TMF3	Potkapa Undercap	0,39	0,89
	0,430	Под крышкой	3,1	1,17
	TMF4	Kapa Cover Cap	0,4	0,27
	0,264	Декоративных накладок	4,33	1,57
	TMF5	Kapa Cover Cap	0,18	0,16
	0,238	Декоративных накладок	3,63	1,32
	TMF7	Stub / Prečka Mullion / Transom	0,59	0,44
	0,553	Средник / Транец	3,29	1,2
	TMF10	Stub Mullion	430,97	48,80
	3,641	Средник	58,75	21,36
	TMF71	Prečka Transom	340,59	38,57
	2,776	Транец	48,96	17,80
	TMF13	Dodatni profil Additional profile		
	0,291	Дополнительные профиль		
	TMF15	Kapa Cover Cap	14,05	5,70
	0,931	Декоративных накладок	30,43	6,04

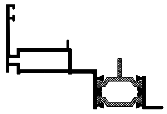
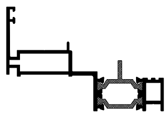
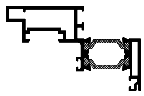
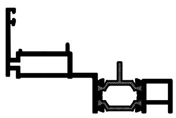
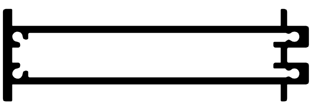
	Oznaka Mark Марк kg/m`	Opis Description Описание	 cm^4 Ix Iy	 cm^3 Wx Wy
	TMF17 0,216	Kapa Cover Cap Декоративных накладок		
	TMF18 0,215	Dodatni profil Additional profile Дополнительных профилей		
	TMF19 1,928	Stub / Prečka Mullion / Transom Средник / Транец	87,04 35,15	17,98 12,78
	TMF20 0,963	Kapa Cover Cap Декоративных накладок	17,65 17,42	6,42 4,30
	TMF21 2,138	Prečka Transom Транец	123,45 34,86	20,77 12,68
	TMF23 2,452	Stub Mullion Средник	143,66 14,55	22,10 5,94
	TMF24 2,320	Stub Mullion Средник	133,34 13,41	21,44 5,28
	TMF25 6,249	Kotva Bracket Анкер	269,62 393,13	31,72 49,64
	TMF26 0,696	Dodatni profil Additional profile Дополнительных профилей		

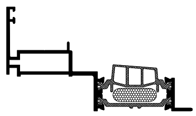
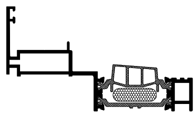
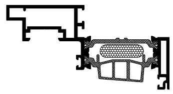
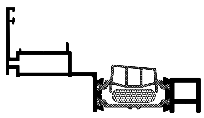
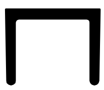
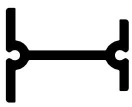
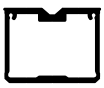
	Oznaka Mark Марк kg/m`	Opis Description Описание	x y cm^4 Ix Iy	x y cm^3 Wx Wy
	TMF27 0,209	Kapa Cover Cap Декоративных накладок	0,12 2,79	0,13 0,93
	TMF30 0,515	Dodatni profil Additional profile Дополнительные профиль		
	TMF31 0,693	Dodatni profil Additional profile Дополнительные профиль		
	TMF33 0,507	Potkapa Undercap Под крышкой	0,1 5,02	0,04 0,64
	TMF35 0,461	Strukturalni ram stakla Structural glazing edge profile Структурное остекление профильной кромки		
	TMF36 0,816	Nosač stakla Glazing bracket Остекление держатель		
	TMF37 0,145	Nosač stakla Glazing bracket Остекление держатель		
	TMF41 0,591	Kapa Cover Cap Декоративных накладок	0,14 2,61	0,26 1,05
	TMF42 0,250	Dodatni profil Additional profile Дополнительные профиль		

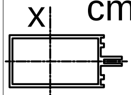
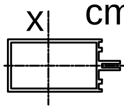
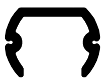
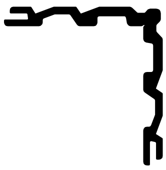
	Oznaka Mark Марк kg/m`	Opis Description Описание	x cm⁴ y  Ix Iy	x cm³ y  Wx Wy
	TMF43 2,309	Dodatni profil Additional profile Профиль укрепление	83,47 15,37	21,13 6,27
	TMF44 0,358	Dodatni profil Additional profile Дополнительные профиль		
	TMF45 0,520	Distancer 25mm Spacer 25mm Прокладка 25мм	1,06 0,45	0,85 0,48
	TMF46 0,539	Distancer 29mm Spacer 29mm Прокладка 29мм	1,54 0,45	1,04 0,48
	TMF47 0,556	Distancer 33mm Spacer 33mm Прокладка 33мм	2,14 0,45	1,22 0,48
	TMF48 0,575	Distancer 37mm Spacer 37mm Прокладка 37мм	2,84 0,45	1,41 0,48
	TMF49 0,619	Distancer 45mm Spacer 45mm Прокладка 45мм	4,58 0,45	1,79 0,48
	TMF50 0,620	Distancer 48mm Spacer 48mm Прокладка 48мм	5,35 0,45	2,04 0,48
	TMF51 0,647	Distancer 52mm Spacer 52mm Прокладка 52мм	6,47 0,45	2,14 0,48

	Oznaka Mark Марк / kg/m`	Opis Description Описание	cm^4 Ix / Iy	cm^3 Wx / Wy
	TMF52	Distancer 59mm Spacer 59mm	8,70	2,48
	0,681	Прокладка 59мм	0,45	0,48
	TMF54	Kapa Cover Cap	204,59	22,33
	2,088	Декоративных накладок	30,69	11,16
	TMF57	Stub / Prečka Mullion / Transom	494,175	52,02
	3,868	Средник / Транец	20,671	7,52
	TMF58	Kapa Cover Cap	0,164	0,15
	0,253	Декоративных накладок	3,689	1,34
	TMF61	Kapa Cover Cap	1,37	1,32
	0,841	Декоративных накладок	10,272	3,73
	TMF62	Profil rama Frame profile	2,8	1,32
	0,514	Профильная рама	1,8	0,73
	TMF63	Krilo Sash	6,16	2,22
	0,797	Оконная створка	4,20	1,38
	TMF64	Strukturalni ram stakla Structural glazing edge profile		
	0,145	Структурное остекление профильной кромки		
	TMF65	Dodatni profil Additional profile		
	0,116	Дополнительных профилей		

	Oznaka Mark Марк kg/m`	Opis Description Описание	cm^4 Ix Iy	cm^3 Wx Wy
	TMF75 2,097	Stub Mullion Средник	74,06 30,2	14,78 10,98
	TMF81 1,961	Prečka Transom Транец	30,45 75,75	6,10 27,55
	TMF89 2,235	Dodatni profil Additional profile Профиль укрепление	92,8 14,58	19,93 5,95
	TMF95 1,493	Nosač stakla Glazing bracket Остекление держатель	18,69 1,83	5,26 1,17
	TMF100 2,482	Stub Mullion Средник	147,83 38,72	23,35 14,08
	TMF106 2,317	Prečka Transom Транец	140,88 39,36	22,68 14,31
	TMF113 2,744	Dodatni profil Additional profile Профиль укрепление	172,33 18,16	29,59 7,41
	TMF125 2,937	Stub Mullion Средник	262,66 47,78	34,70 17,37
	TMF131 2,633	Prečka Transom Транец	232,66 47,35	31,3 17,22

	Oznaka Mark Марк	Opis Description Описание	x cm⁴ y Ix	x cm³ y Wx
	kg/m`		Iy	Wy
	TMF132	Profil rama Frame profile	26,77	5,34
	1,133	Профильная рама	1,82	0,54
	TMF133	Profil rama Frame profile	34,57	7,54
	1,237	Профильная рама	2,24	0,65
	TMF134	Krilo Sash	20,87	5,45
	1,175	Оконная створка	2,04	0,75
	TMF137	Dodatni profil Additional profile	278,28	39,65
	3,074	Профиль укрепление	20,61	8,41
	TMF150	Stub Mullion	428,81	47,15
	3,392	Средник	56,83	20,67
	TMF153	Profil rama Frame profile	34,57	7,54
	1,273	Профильная рама	2,24	0,65
	TMF156	Prečka Transom	354,36	40,91
	2,949	Транец	55,34	20,12
	TMF161	Dodatni profil Additional profile	415,97	50,73
	3,564	Профиль укрепление	22,56	9,40
	TMF175	Stub Mullion	678,33	63,73
	4,207	Средник	74,07	26,93

	Oznaka Mark Марк kg/m`	Opis Description Описание	cm^4 Ix Iy	cm^3 Wx Wy
	TMF181 3,455	Prečka Transom Транец	526,72 67,67	53,08 24,61
	TMF332 1,253	Profil rama Frame profile Профильная рама	35,52 2,12	5,67 0,63
	TMF333 1,357	Profil rama Frame profile Профильная рама	47,48 2,51	8,35 0,73
	TMF334 1,295	Krilo Sash Оконная створка	31,68 2,21	7,32 0,81
	TMF353 1,402	Profil rama Frame profile Профильная рама	52,16 2,67	8,75 0,77
	TM58 1,525	Umetak Insert Вставить	20,22 8,25	8,15 3,08
	TM64 1,659	Dodatni profil Additional profile Профиль укрепление	37,39 5,80	10,87 2,37
	TM79 0,113	Strukturalni ram stakla Structural glazing edge profile Структурное остекление профильной кромки		
	TM86 1,011	Umetak Insert Вставить	9,17 10,34	3,61 4,84

	Oznaka Mark Марк	Opis Description Описание	 cm^4 Ix	 cm^3 Wx
	kg/m`		Iy	Wy
	TM87	Umetak Insert	14,64	5,94
	1,266	Вставить	5,28	2,36
	L1030	Nosač stakla Glazing bracket		
	0,209	Остекление держатель		
	FL120-5	Dodatni profil Additional profile		
	1,650	Профиль укрепление		
	109	Nosač stakla Glazing bracket		
	0,065	Остекление держатель		
	111	Spojnica Joint	49,165	8,17
	2,211	Связь	49,165	8,17

Aluminijumski profili
Aluminium profiles
Алюминиевые профили

ALUMINIK CS55

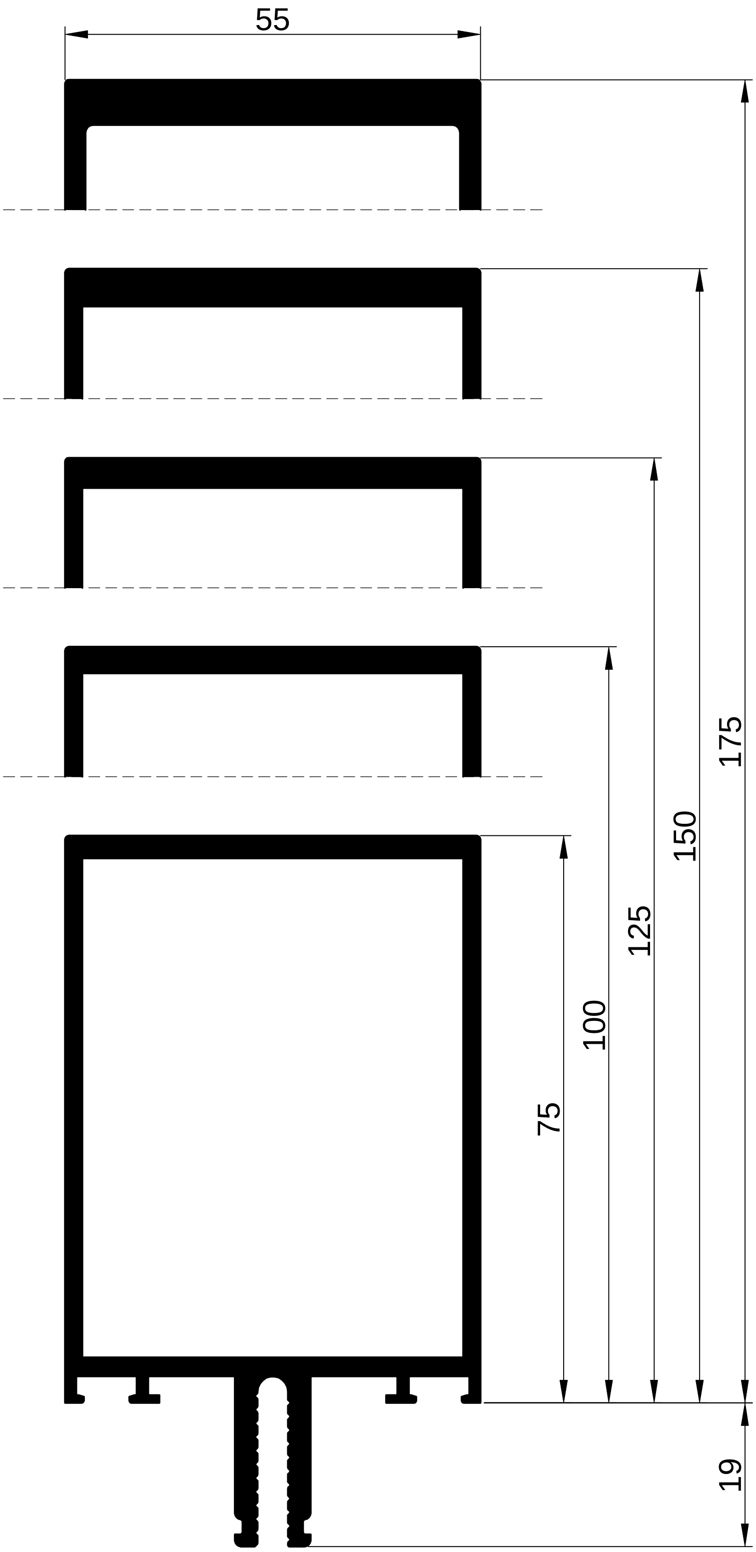
TMF175
m=4,207 kg/m`
Ix=678,33 cm^4

TMF150
m=3,392 kg/m`
Ix=428,81 cm^4

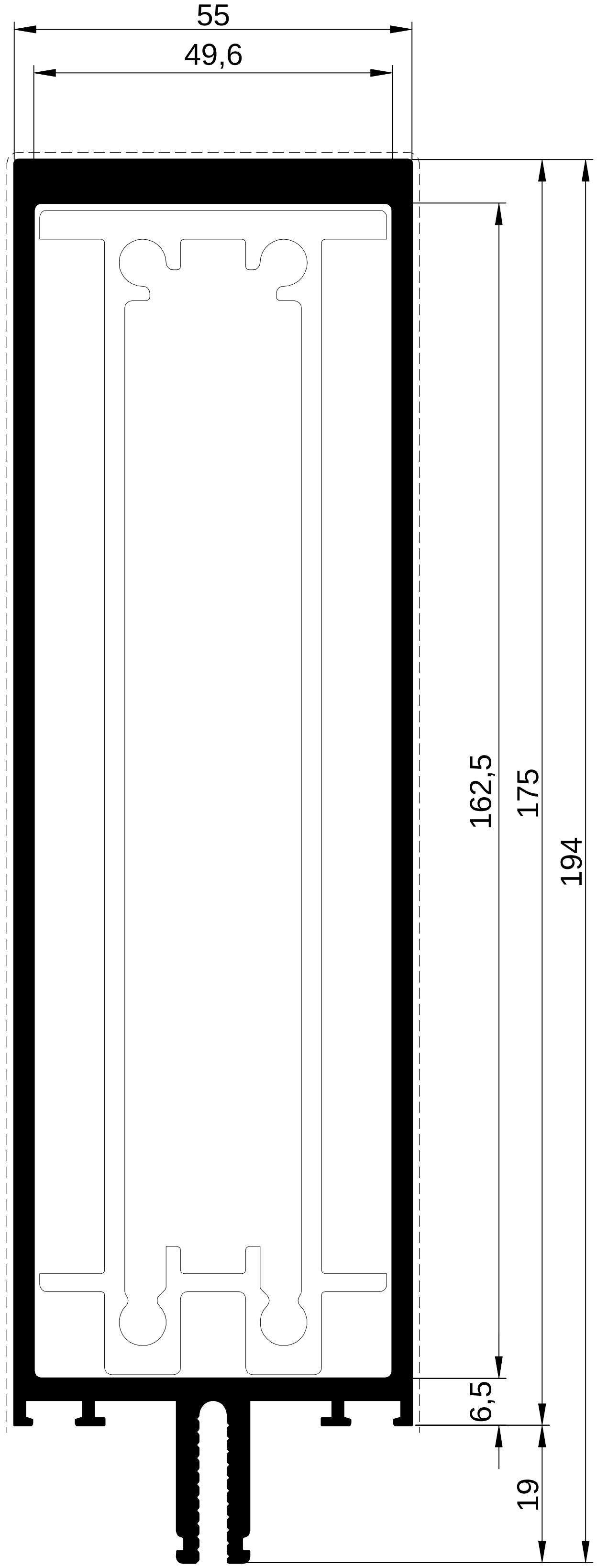
TMF125
m=2,937 kg/m`
Ix=262,66 cm^4

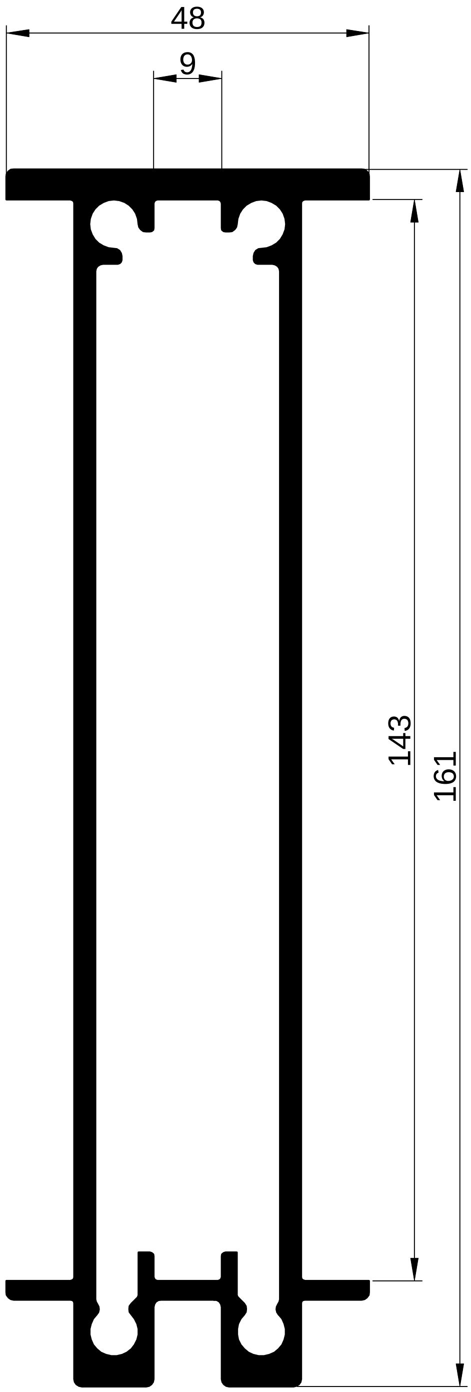
TMF100
m=2,482 kg/m`
Ix=147,83 cm^4

TMF75
m=2,097 kg/m`
Ix=74,06 cm^4



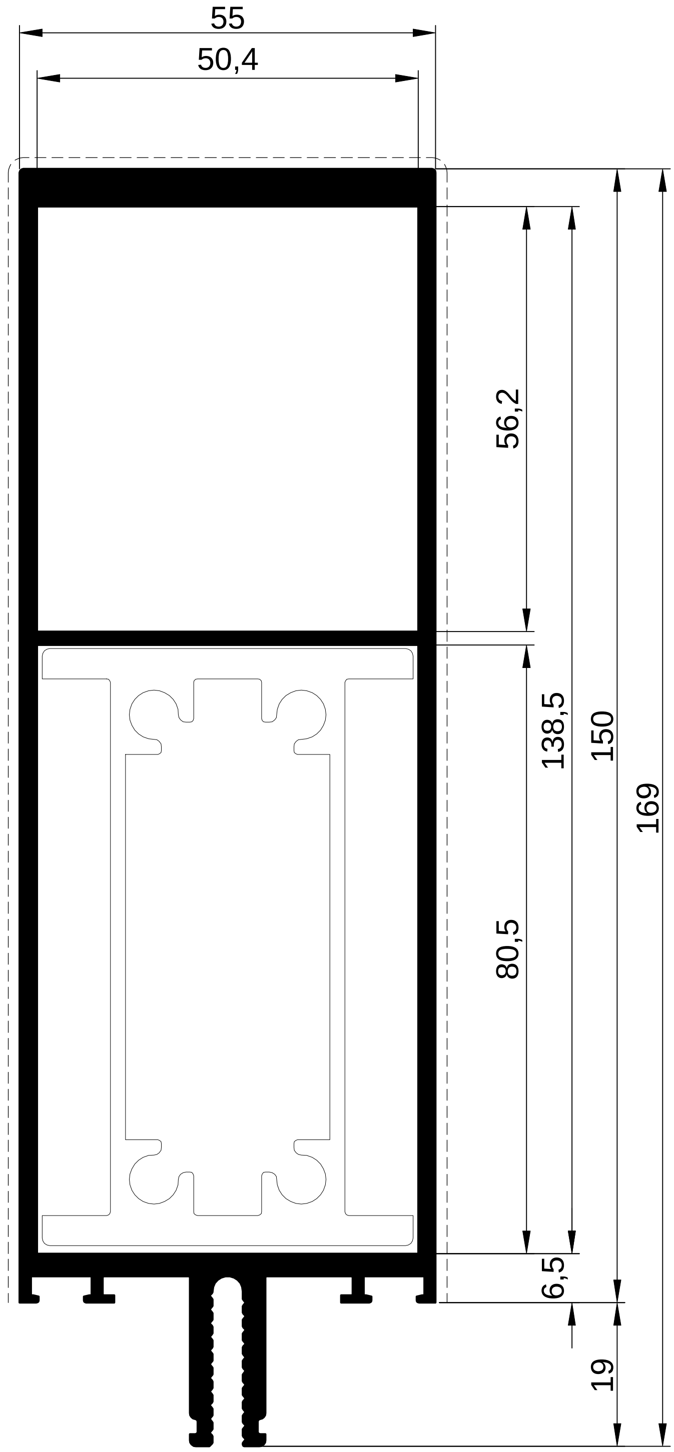
Stub
Mullion
Средник

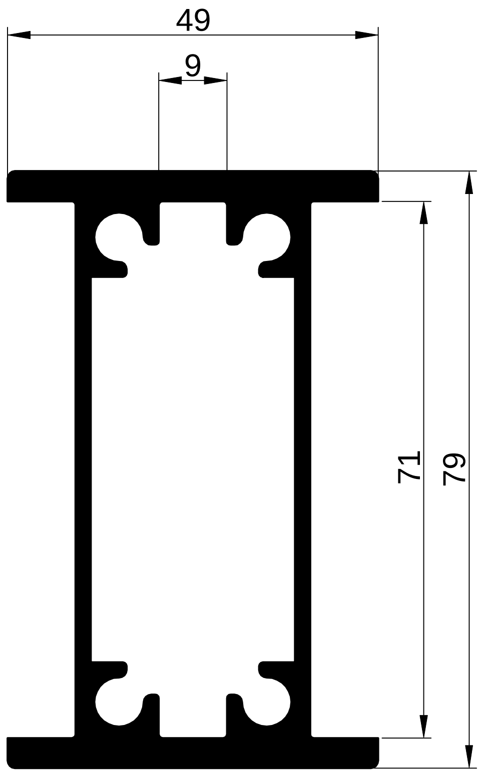




TMF175	4,207	kg/m`
S	15,30	cm^2
Ix	678,33	cm^4
Iy	74,07	cm^4
Wx	63,73	cm^3
Wy	26,93	cm^3

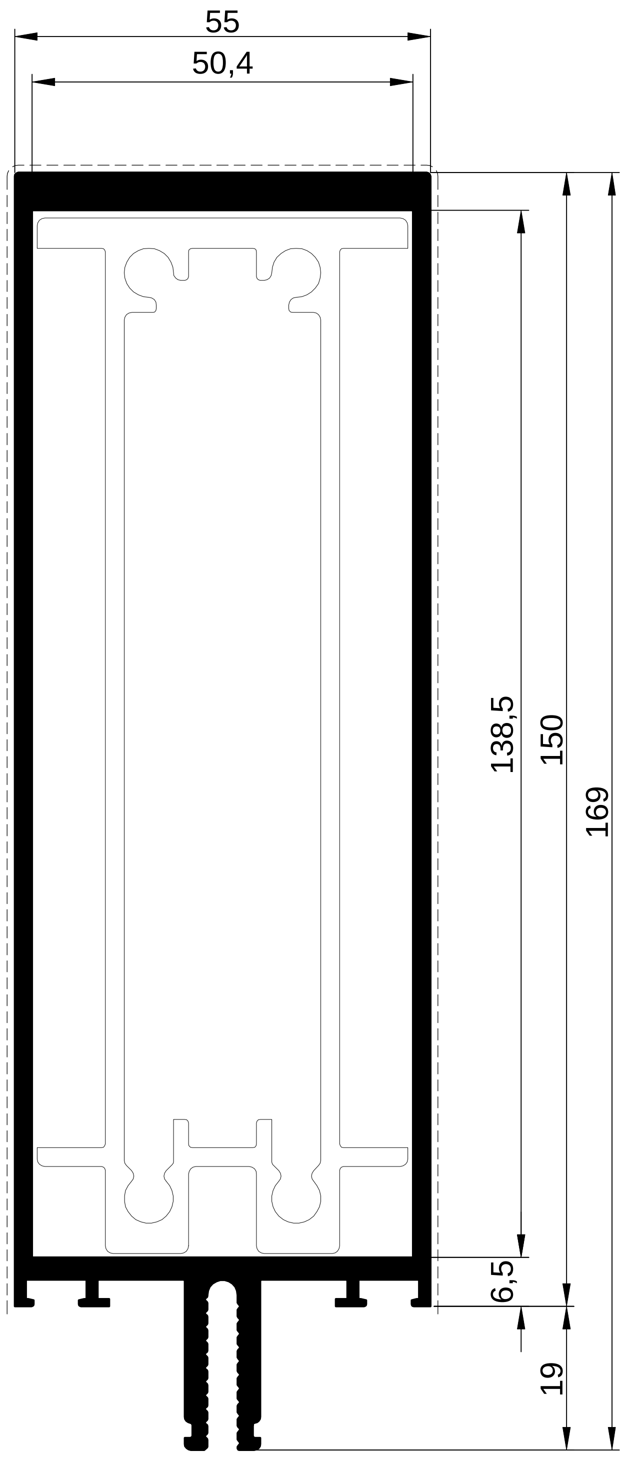
TMF161	3,564	kg/m`
S	12,959	cm^2
Ix	415,97	cm^4
Iy	22,56	cm^4
Wx	50,73	cm^3
Wy	9,40	cm^3

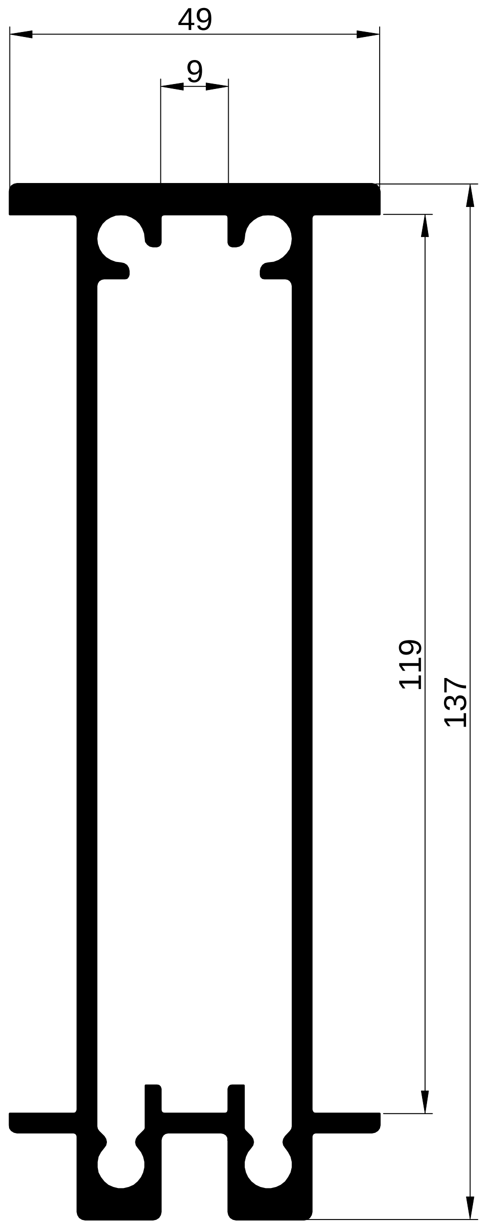




TMF10	3,641	kg/m`
S	13,24	cm^2
Ix	430,97	cm^4
Iy	58,75	cm^4
Wx	48,80	cm^3
Wy	21,36	cm^3

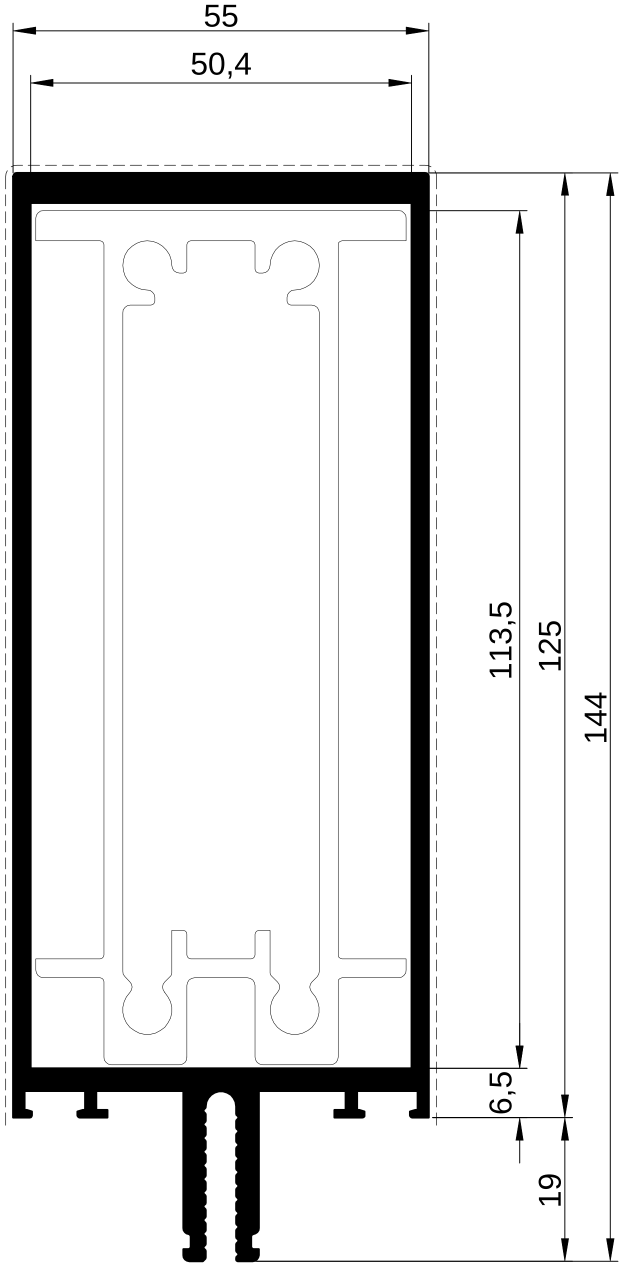
TMF43	2,309	kg/m`
S	8,40	cm^2
Ix	83,47	cm^4
Iy	15,37	cm^4
Wx	21,13	cm^3
Wy	6,27	cm^3

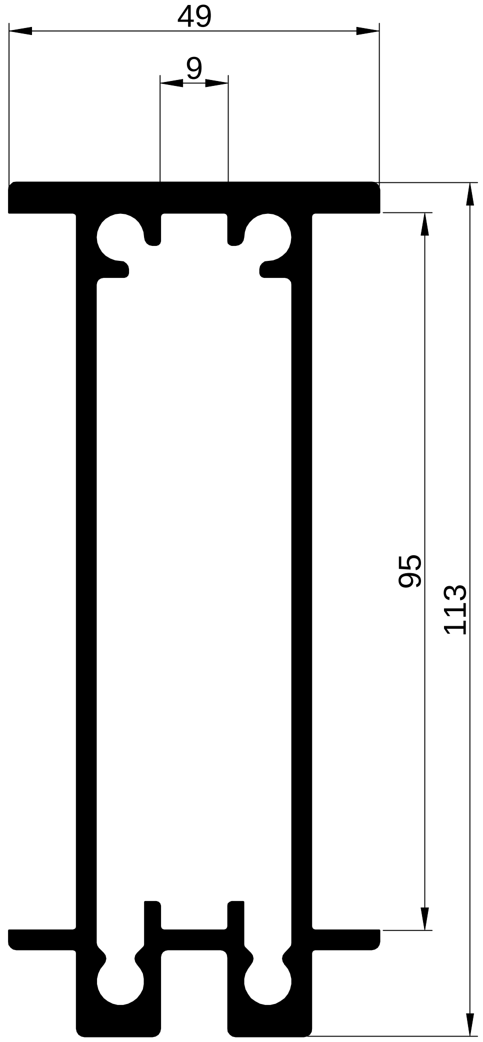




TMF150	3,392	kg/m`
S	12,33	cm^2
Ix	428,81	cm^4
Iy	56,83	cm^4
Wx	47,15	cm^3
Wy	20,67	cm^3

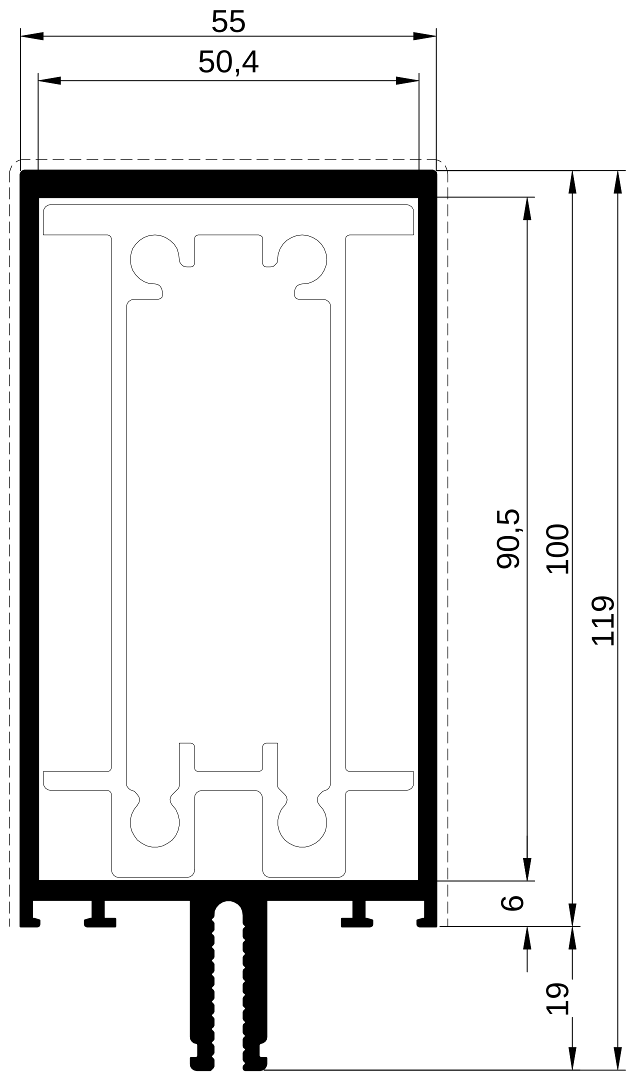
TMF137	3,074	kg/m`
S	11,178	cm^2
Ix	278,28	cm^4
Iy	20,61	cm^4
Wx	39,65	cm^3
Wy	8,41	cm^3

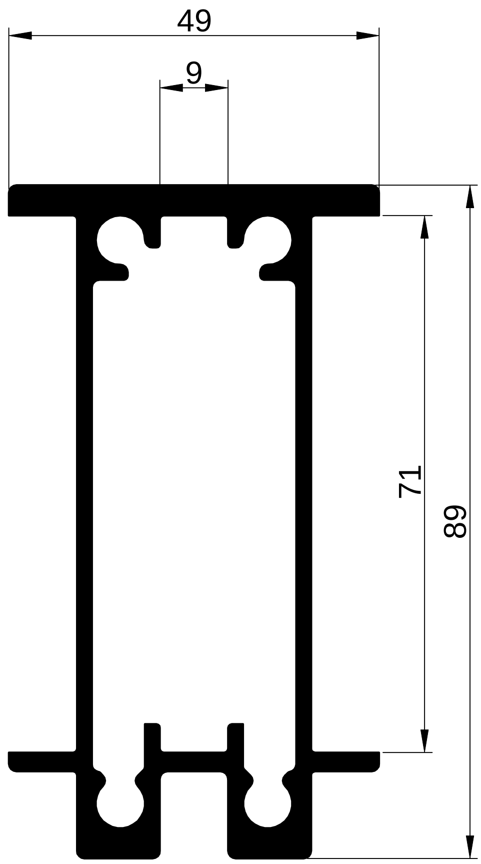




TMF125	2,937	kg/m`
S	10,68	cm^2
Ix	262,66	cm^4
Iy	47,78	cm^4
Wx	34,70	cm^3
Wy	17,37	cm^3

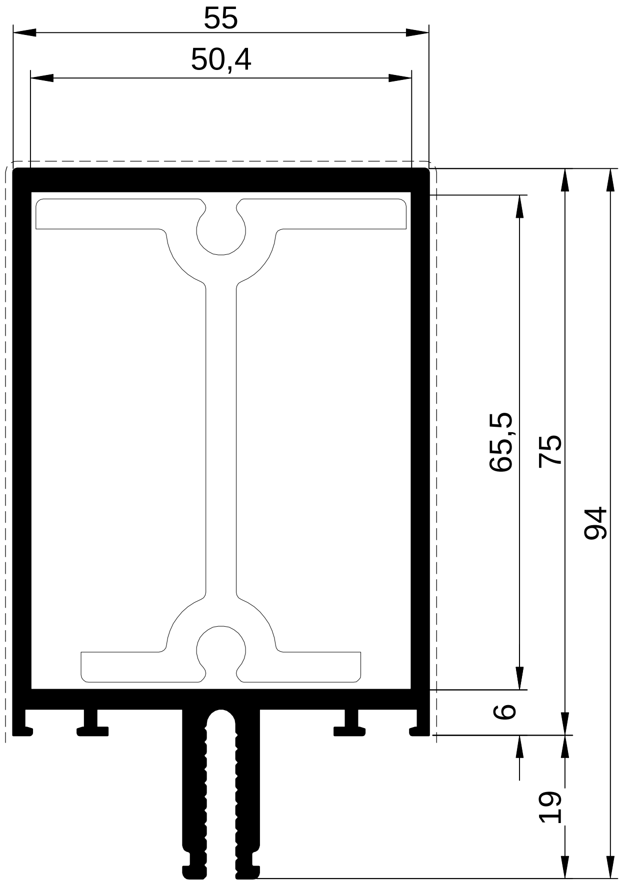
TMF113	2,744	kg/m`
S	9,998	cm^2
Ix	172,33	cm^4
Iy	18,16	cm^4
Wx	29,59	cm^3
Wy	7,41	cm^3

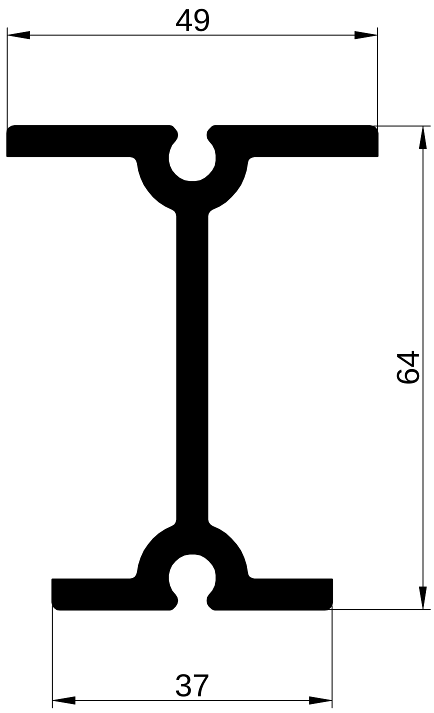




TMF100	2,482	kg/m`
S	9,03	cm^2
Ix	147,83	cm^4
Iy	38,72	cm^4
Wx	23,35	cm^3
Wy	14,08	cm^3

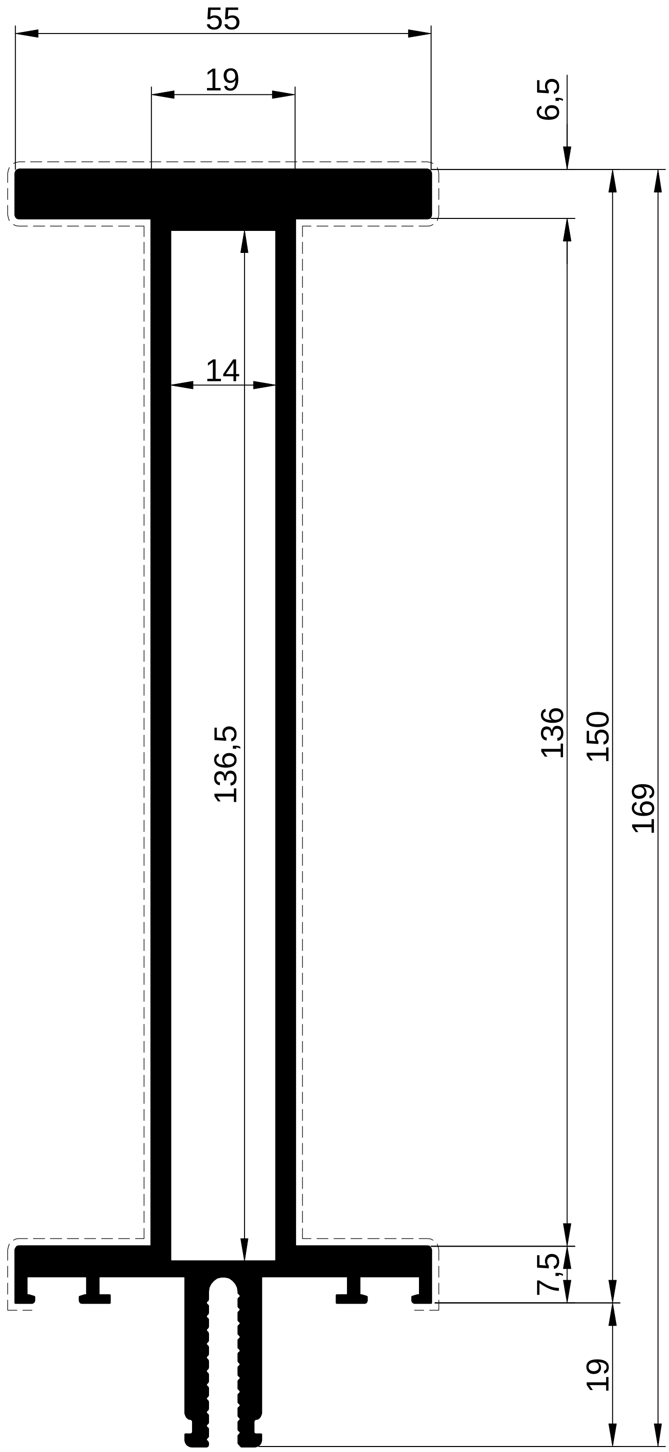
TMF89	2,235	kg/m`
S	8,129	cm^2
Ix	92,80	cm^4
Iy	14,58	cm^4
Wx	19,93	cm^3
Wy	5,95	cm^3



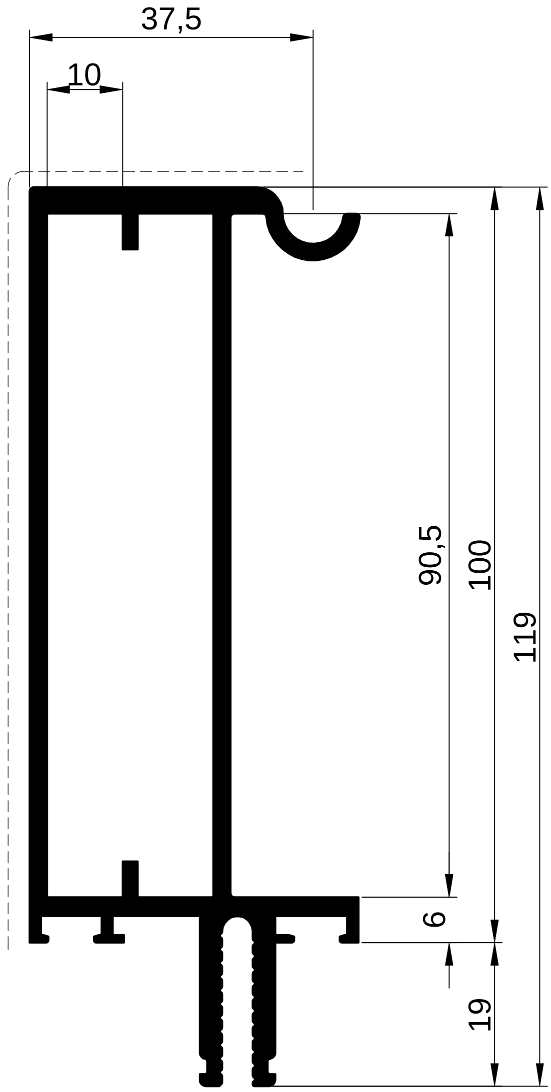


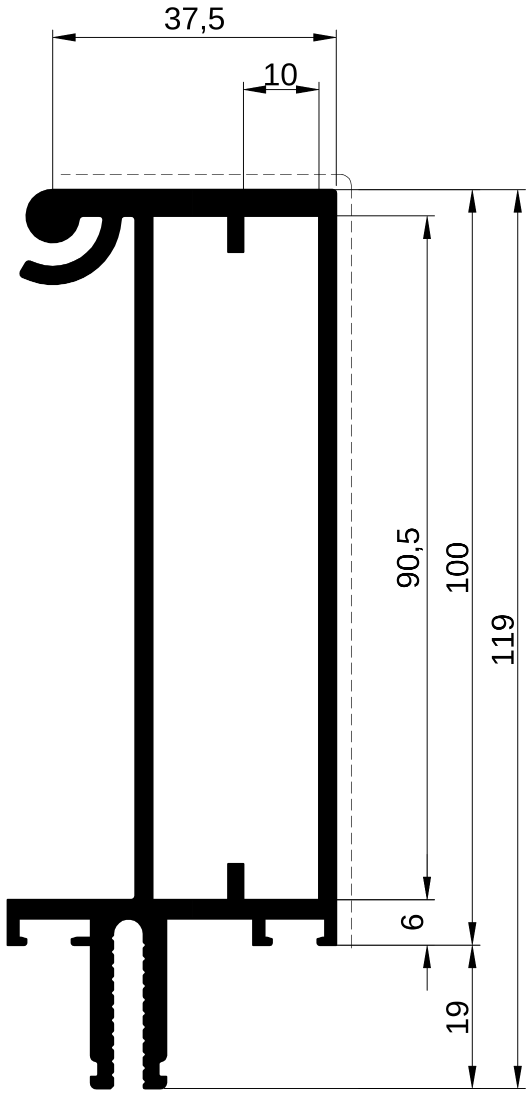
TMF75	2,097	kg/m`
S	7,624	cm^2
Ix	74,06	cm^4
Iy	30,20	cm^4
Wx	14,78	cm^3
Wy	10,98	cm^3

TM64	1,659	kg/m`
S	6,033	cm^2
Ix	37,39	cm^4
Iy	5,80	cm^4
Wx	10,87	cm^3
Wy	2,37	cm^3



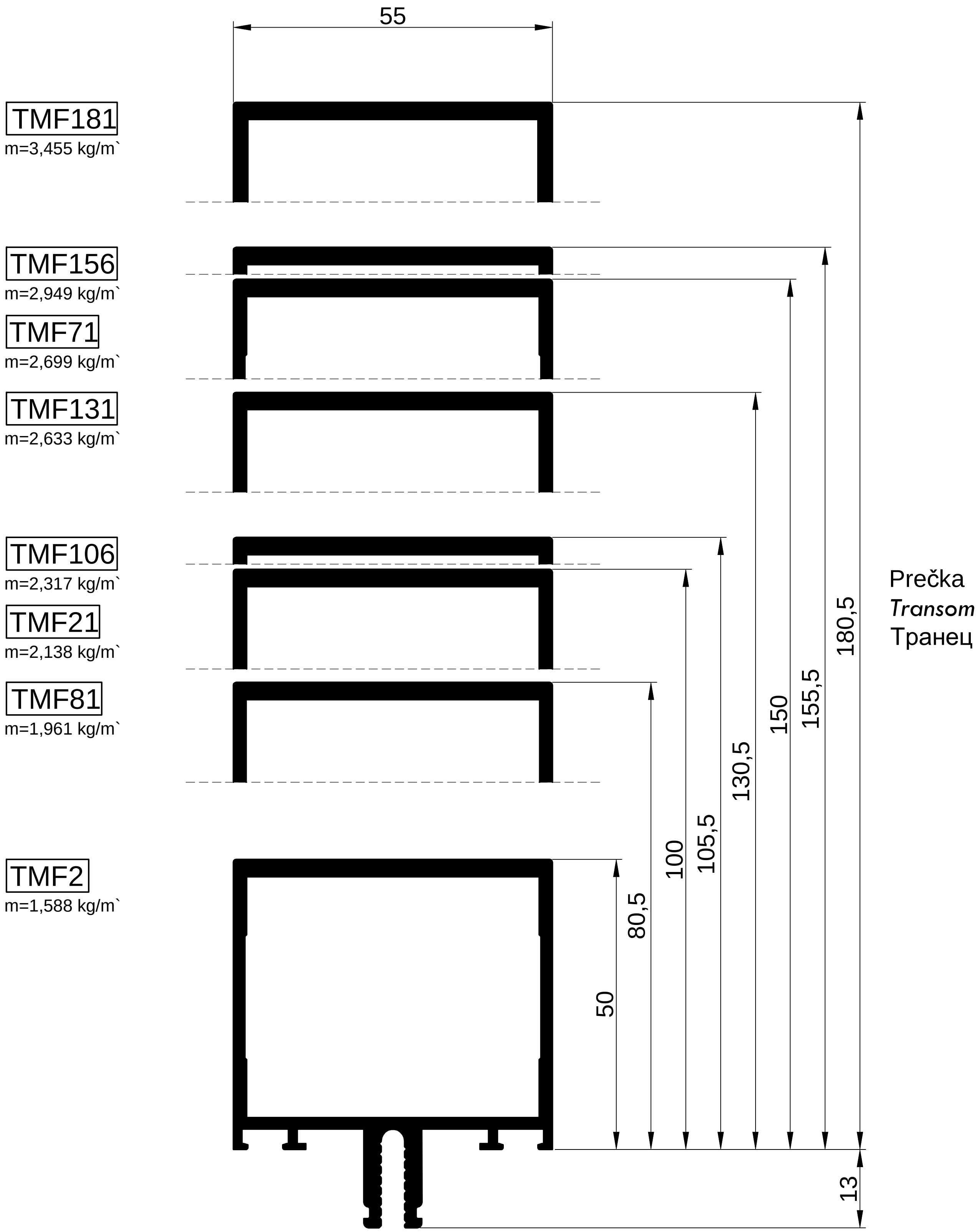
TMF57	3,868	kg/m`
S	14,07	cm^2
Ix	494,18	cm^4
Iy	20,67	cm^4
Wx	52,02	cm^3
Wy	7,52	cm^3

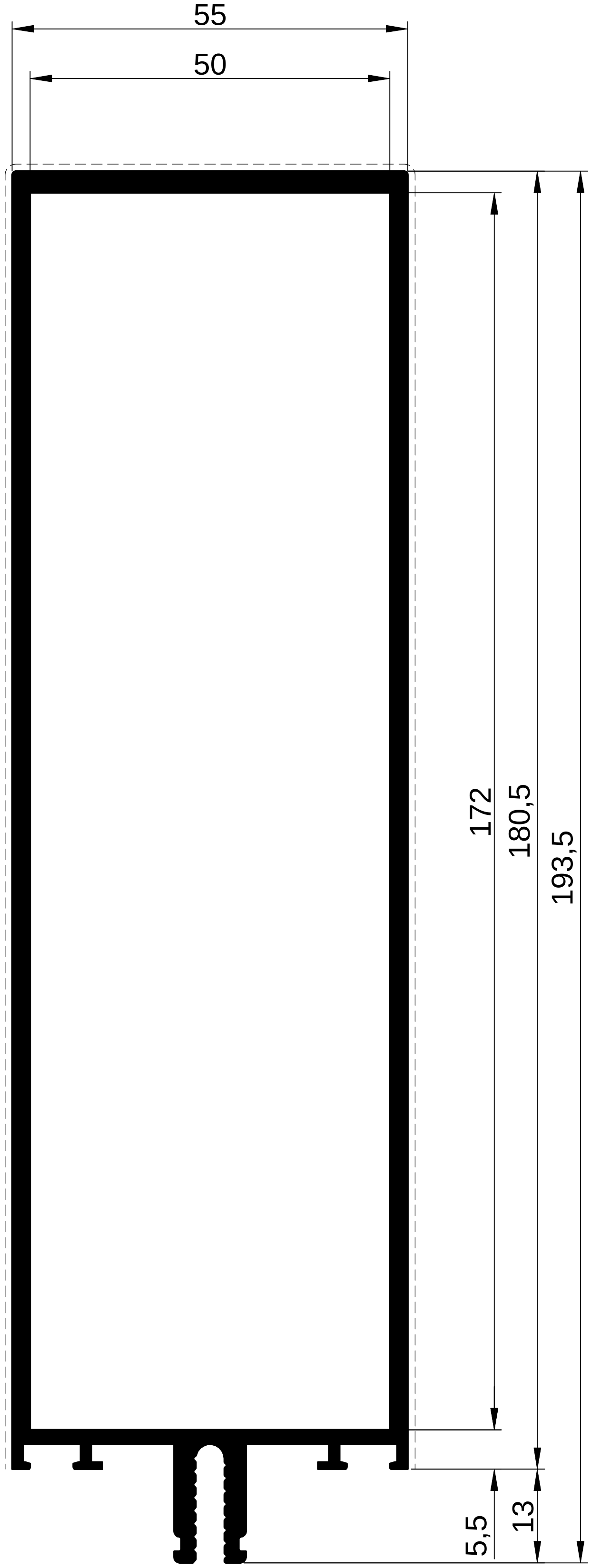




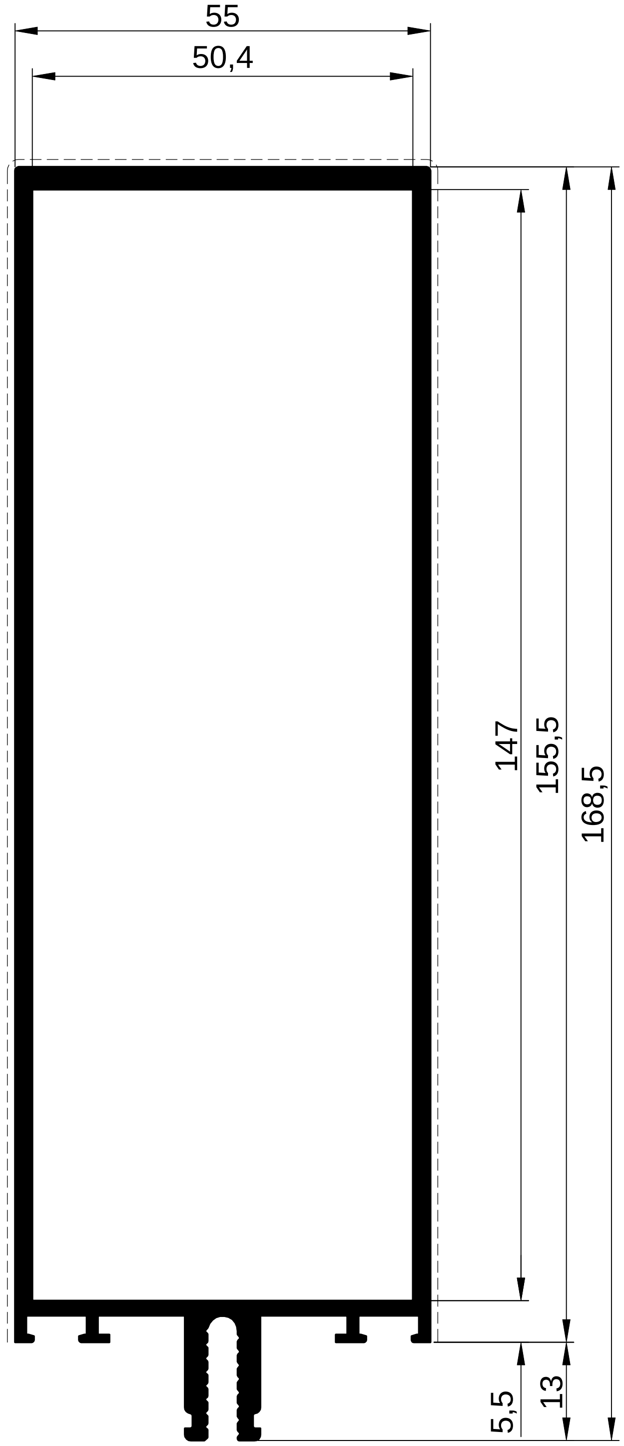
TMF24	2,320	kg/m`
S	8,44	cm^2
Ix	131,61	cm^4
Iy	13,42	cm^4
Wx	21,18	cm^3
Wy	5,29	cm^3

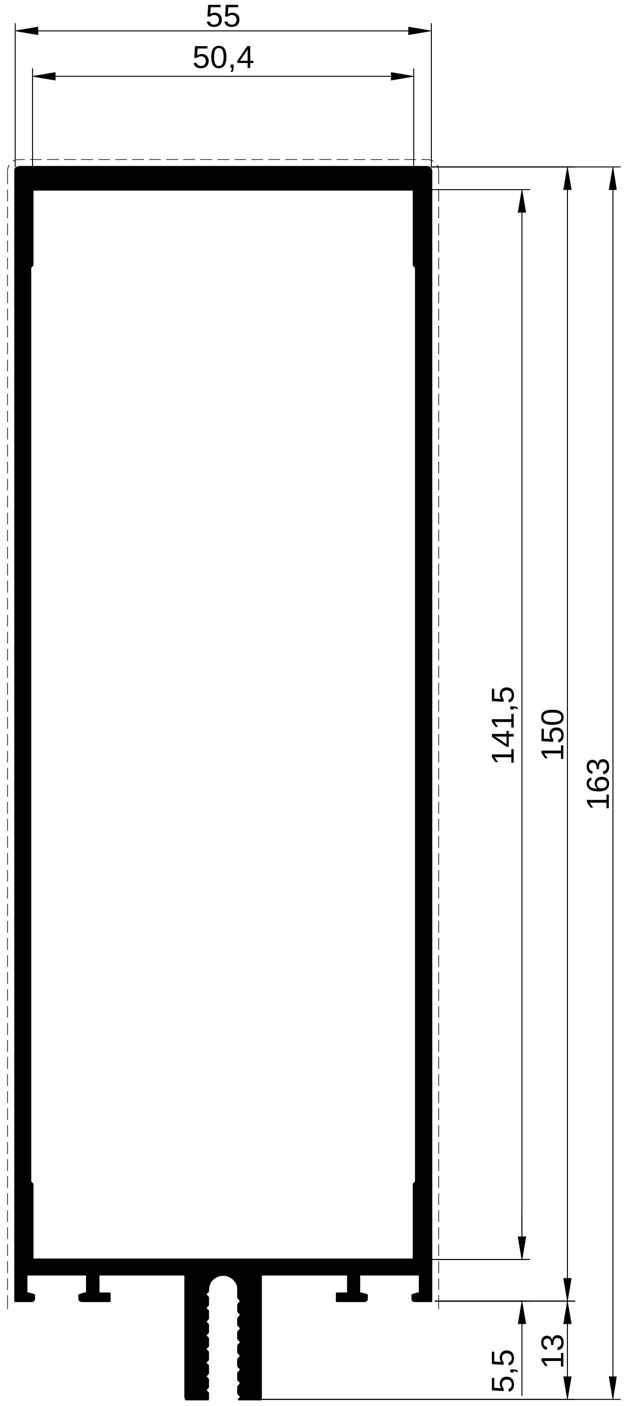
TMF23	2,452	kg/m`
S	8,92	cm^2
Ix	143,58	cm^4
Iy	14,63	cm^4
Wx	22,10	cm^3
Wy	5,98	cm^3


55
TMF181
m=3,455 kg/m`
TMF156
m=2,949 kg/m`
TMF71
m=2,699 kg/m`
TMF131
m=2,633 kg/m`
TMF106
m=2,317 kg/m`
TMF21
m=2,138 kg/m`
TMF81
m=1,961 kg/m`
TMF2
m=1,588 kg/m`
50
80,5
100
105,5
130,5
150
155,5
180,5
13
Prečka
Transom
Транец



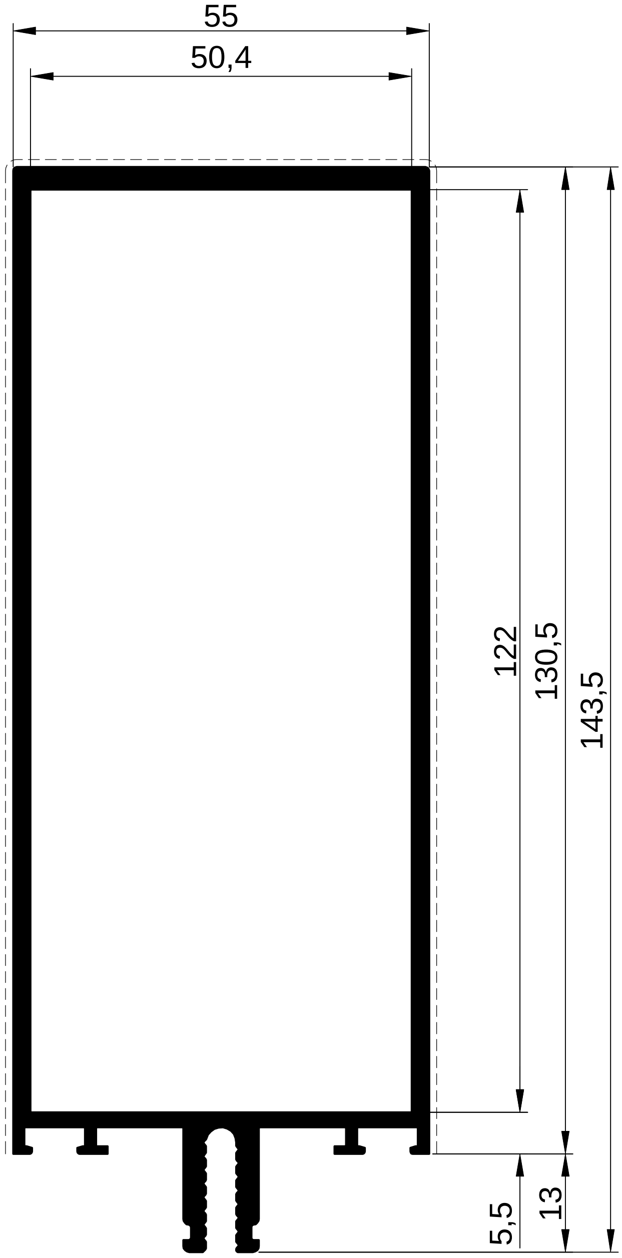
TMF181	3,455	kg/m`
S	12,56	cm^2
Ix	526,72	cm^4
Iy	67,67	cm^4
Wx	53,08	cm^3
Wy	24,61	cm^3

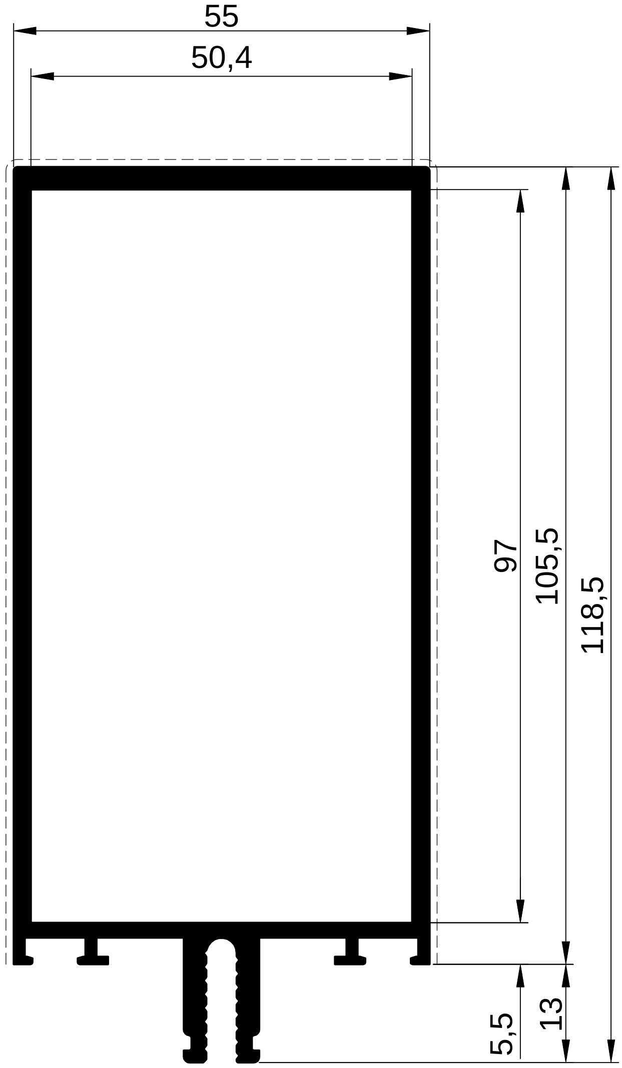




TMF156	2,949	kg/m`
S	10,72	cm^2
Ix	354,36	cm^4
Iy	55,34	cm^4
Wx	40,91	cm^3
Wy	20,12	cm^3

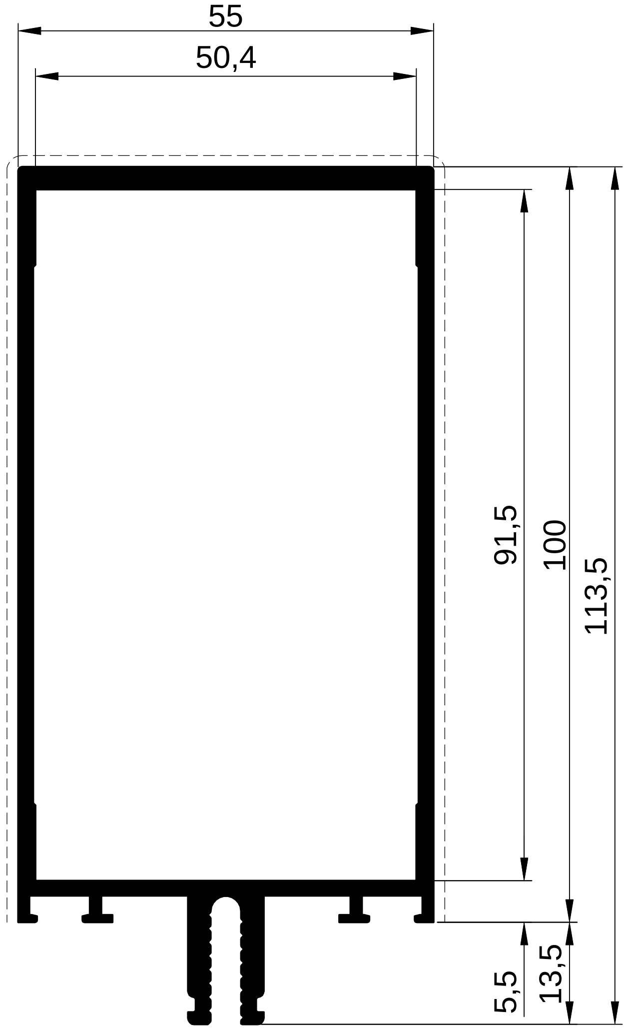
TMF71	2,699	kg/m`
S	9,816	cm^2
Ix	320,51	cm^4
Iy	48,92	cm^4
Wx	3,83	cm^3
Wy	1,78	cm^3





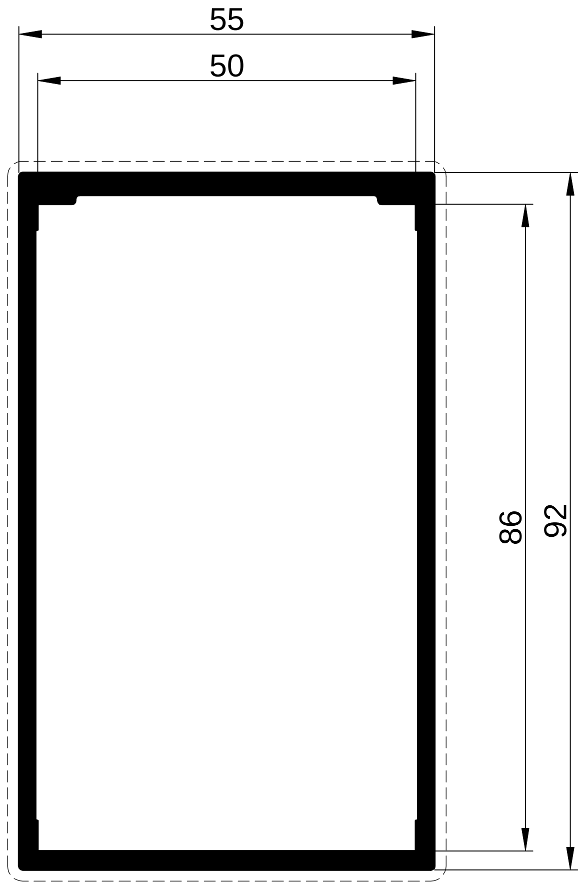
TMF131	2,633	kg/m`
S	9,57	cm^2
Ix	232,66	cm^4
Iy	47,35	cm^4
Wx	31,30	cm^3
Wy	17,22	cm^3

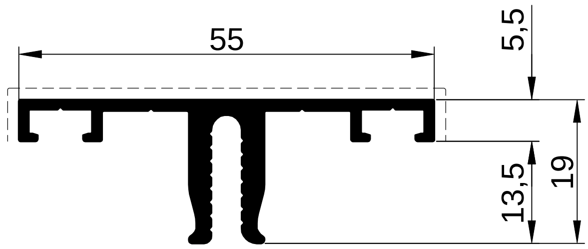
TMF106	2,317	kg/m`
S	8,42	cm^2
Ix	140,88	cm^4
Iy	39,36	cm^4
Wx	22,68	cm^3
Wy	14,31	cm^3



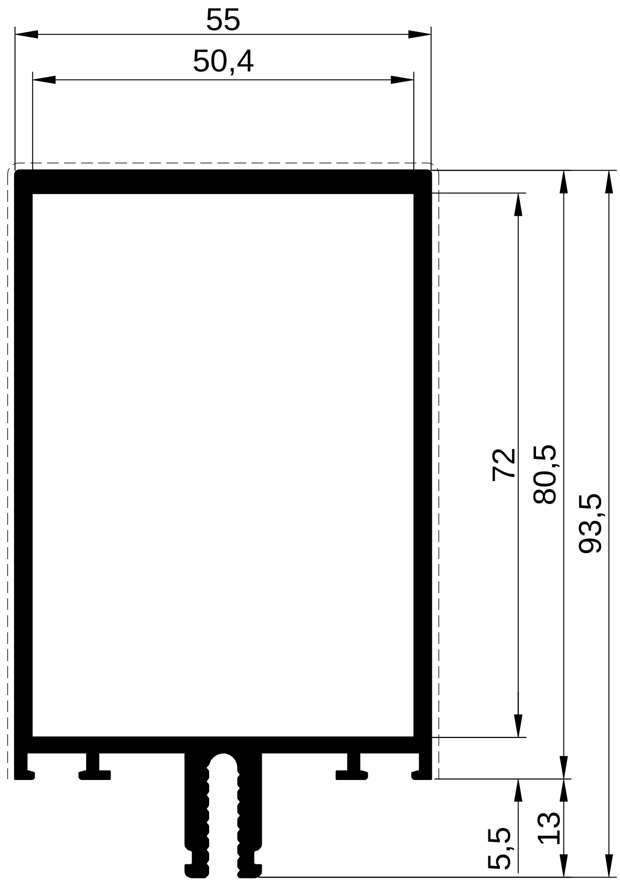
TMF21	2,138	kg/m`
S	7,77	cm^2
Ix	123,45	cm^4
Iy	34,86	cm^4
Wx	20,77	cm^3
Wy	12,68	cm^3

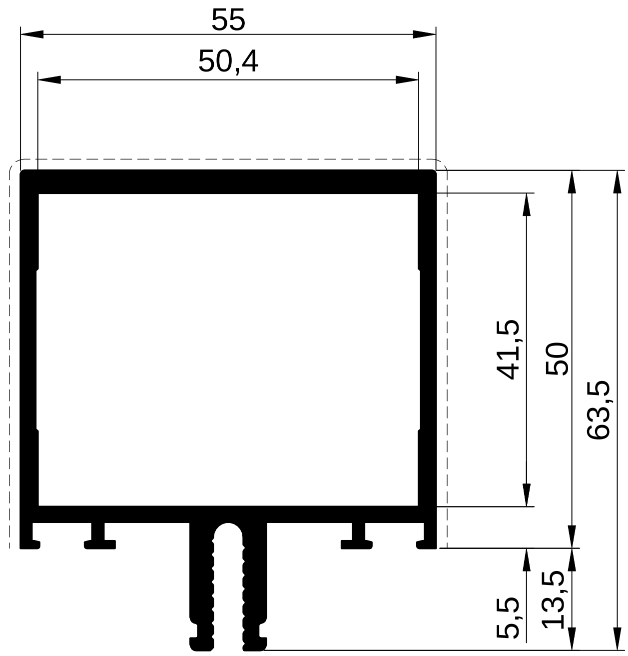
TMF19	1,928	kg/m`
S	7,01	cm^2
Ix	87,04	cm^4
Iy	35,15	cm^4
Wx	17,98	cm^3
Wy	12,78	cm^3





TMF7	0,553	kg/m`
S	2,01	cm^2
Ix	0,59	cm^4
Iy	3,29	cm^4
Wx	0,44	cm^3
Wy	1,20	cm^3

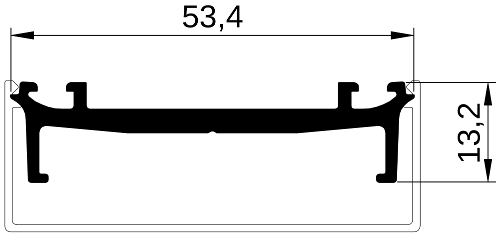




TMF81	1,961	kg/m`
S	7,130	cm^2
Ix	30,45	cm^4
Iy	75,75	cm^4
Wx	6,10	cm^3
Wy	27,55	cm^3

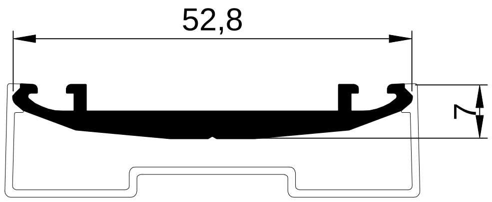
TMF2	1,588	kg/m`
S	5,77	cm^2
Ix	26,20	cm^4
Iy	20,81	cm^4
Wx	7,18	cm^3
Wy	7,57	cm^3

za/**for**/для:
TMF4
TMF5

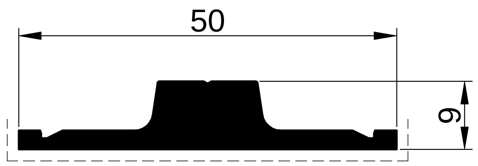


TMF33	0,507	kg/m`
S	1,84	cm^2
Ix	0,10	cm^4
Iy	5,02	cm^4
Wx	0,04	cm^3
Wy	0,64	cm^3

za/**for**/для:
TMF15
TMF20
TMF27
TMF54

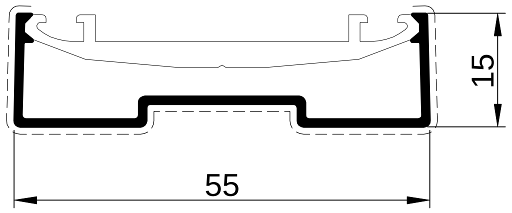


TMF3	0,430	kg/m`
S	1,56	cm^2
Ix	0,39	cm^4
Iy	3,10	cm^4
Wx	0,89	cm^3
Wy	1,17	cm^3



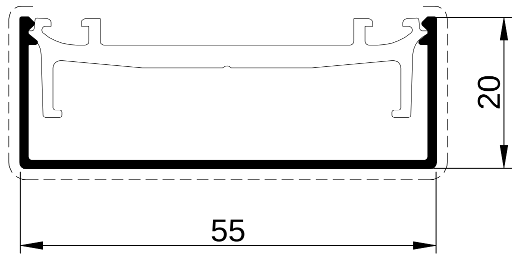
TMF41	0,591	kg/m`
S	2,15	cm^2
Ix	0,14	cm^4
Iy	2,61	cm^4
Wx	0,26	cm^3
Wy	1,05	cm^3

sa/with/c:
TMF3



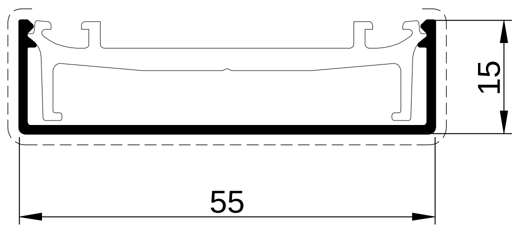
TMF58	0,253	kg/m`
S	0,92	cm^2
Ix	0,16	cm^4
Iy	3,69	cm^4
Wx	0,15	cm^3
Wy	1,34	cm^3

sa/with/c:
TMF33



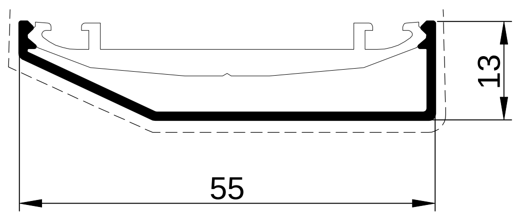
TMF4	0,264	kg/m`
S	0,96	cm^2
Ix	0,40	cm^4
Iy	4,33	cm^4
Wx	0,27	cm^3
Wy	1,57	cm^3

sa/with/c:
TMF33



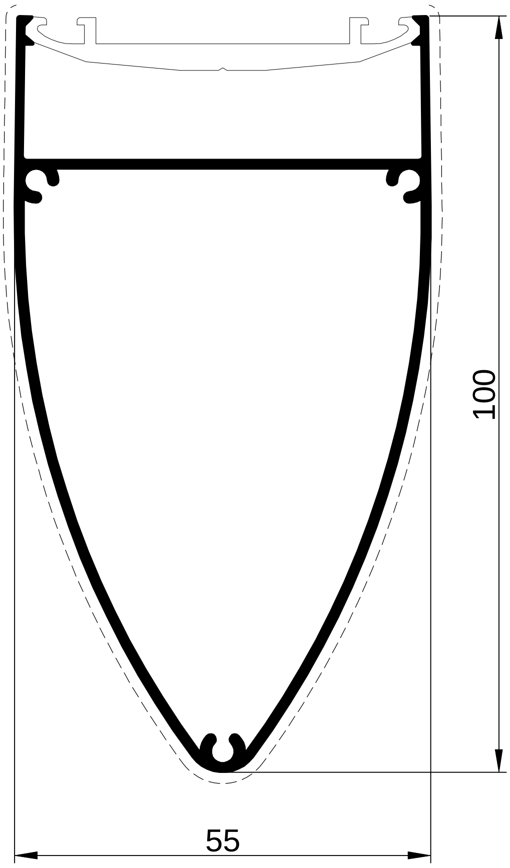
TMF5	0,238	kg/m`
S	0,86	cm^2
Ix	0,18	cm^4
Iy	3,63	cm^4
Wx	0,16	cm^3
Wy	1,32	cm^3

sa/with/c:
TMF3



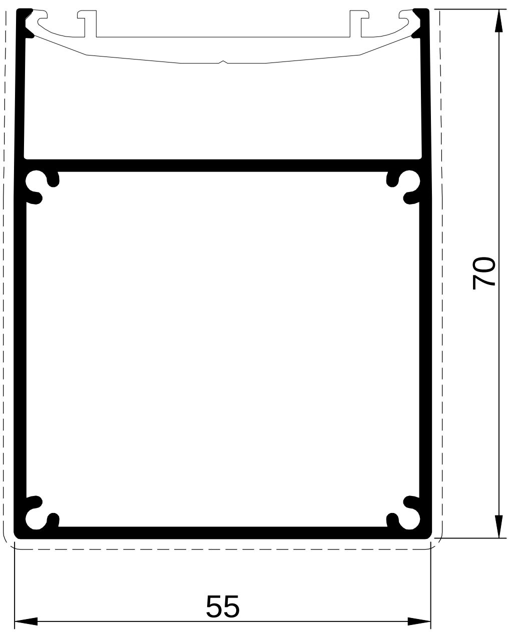
TMF27	0,209	kg/m`
S	0,76	cm^2
Ix	0,12	cm^4
Iy	2,79	cm^4
Wx	0,13	cm^3
Wy	0,93	cm^3

sa/with/c:
TMF3

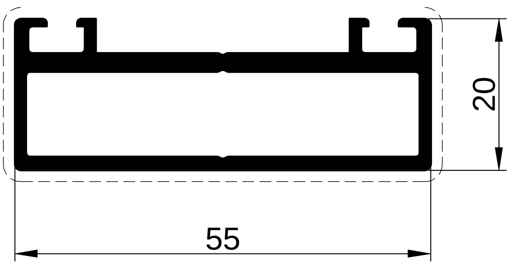


TMF15	0,931	kg/m`
S	3,39	cm^2
Ix	14,05	cm^4
Iy	30,43	cm^4
Wx	5,70	cm^3
Wy	6,04	cm^3

sa/with/c:
TMF3

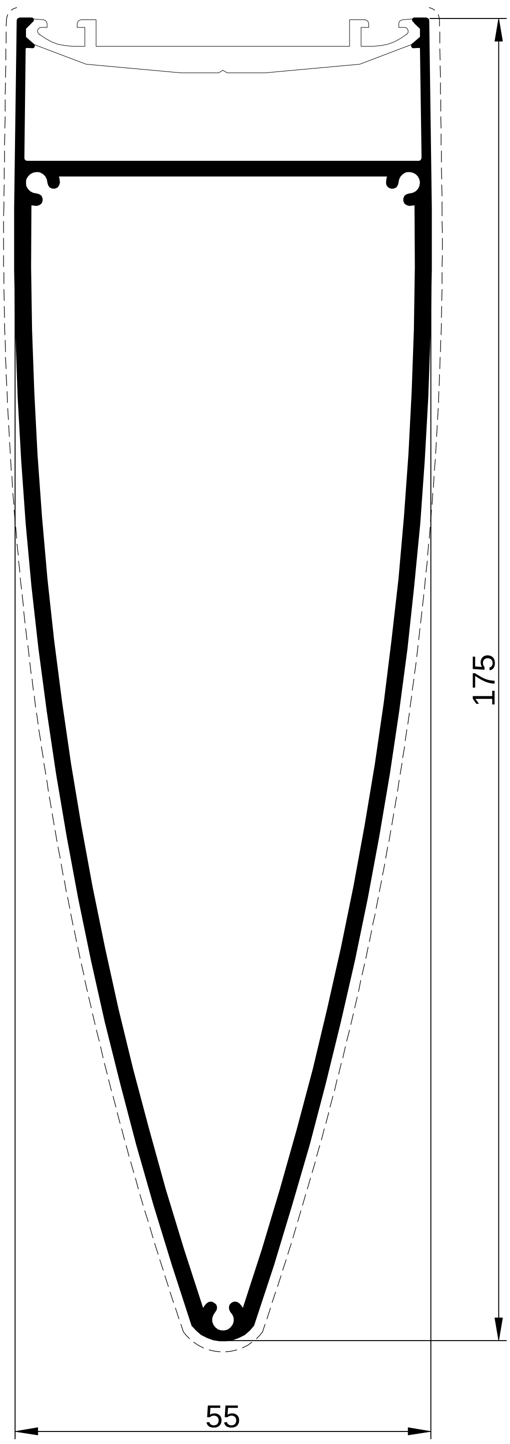


TMF20	0,963	kg/m`
S	3,50	cm^2
Ix	17,65	cm^4
Iy	17,42	cm^4
Wx	6,42	cm^3
Wy	4,30	cm^3

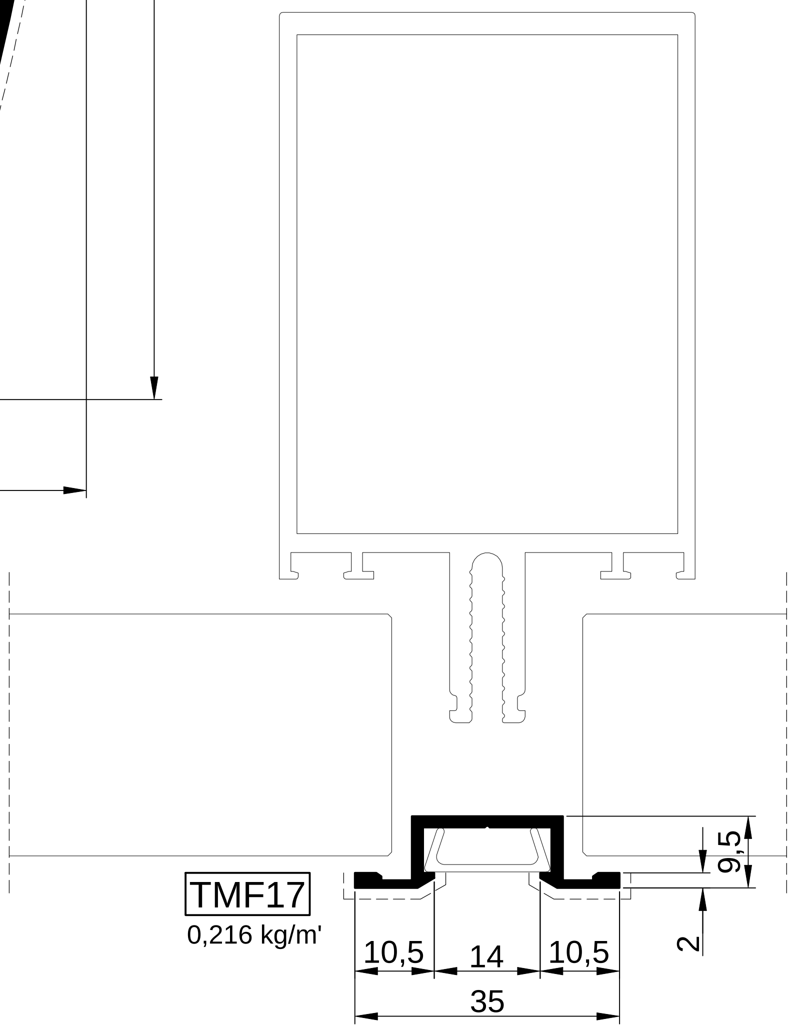


TMF61	0,841	kg/m`
S	3,06	cm^2
Ix	1,370	cm^4
Iy	10,272	cm^4
Wx	1,32	cm^3
Wy	3,73	cm^3

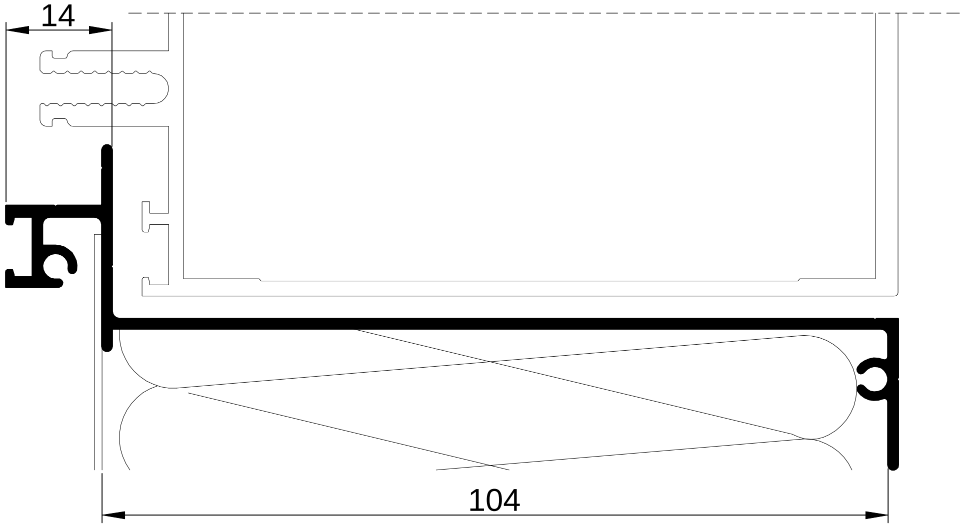
sa/with/c:
TMF3



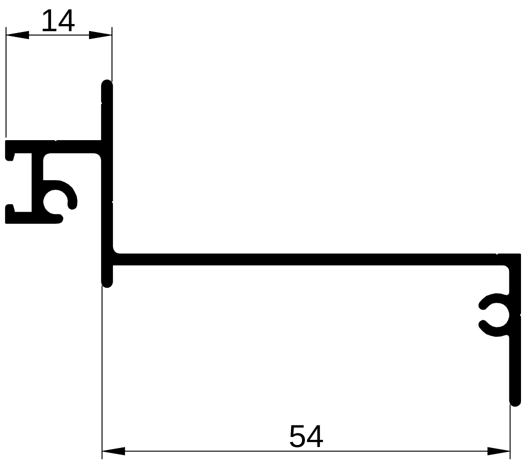
TMF54	2,088	kg/m`
S	7,594	cm^2
Ix	204,59	cm^4
Iy	30,69	cm^4
Wx	22,33	cm^3
Wy	11,16	cm^3



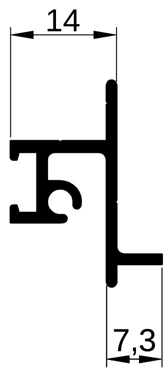
TMF31
0,693 kg/m'

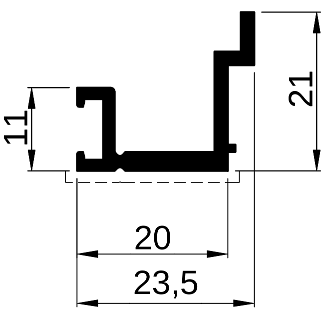


TMF30
0,515 kg/m'

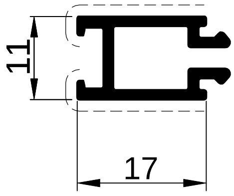


TMF42
0,250 kg/m'

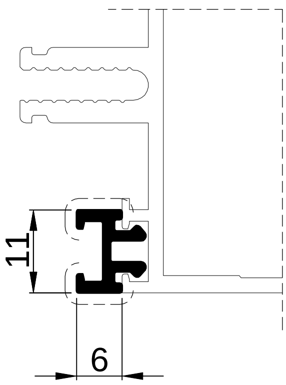




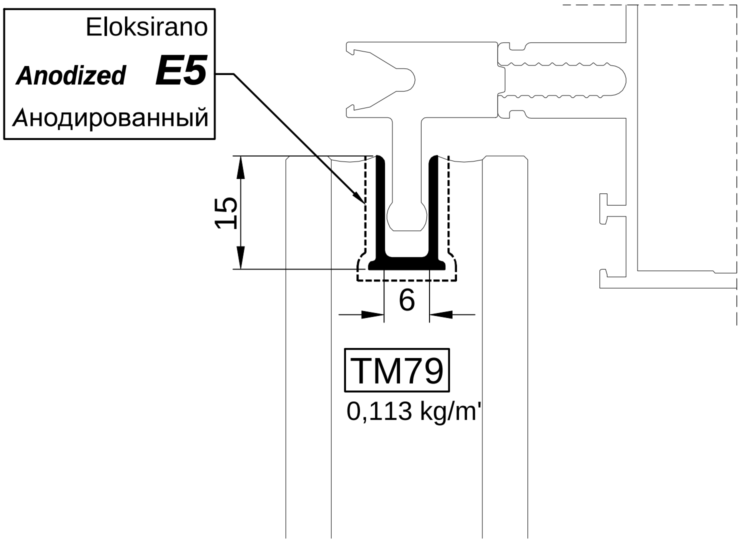
TMF13
0,291 kg/m'

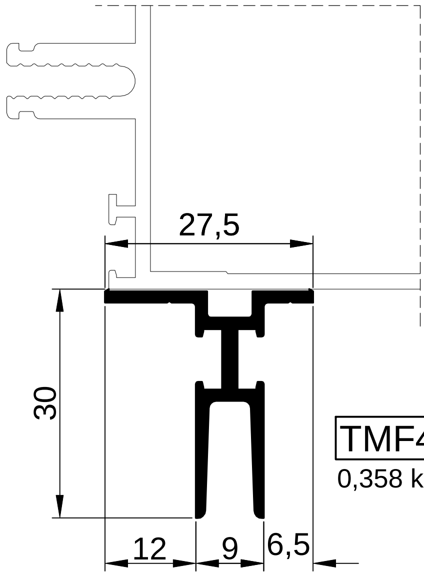


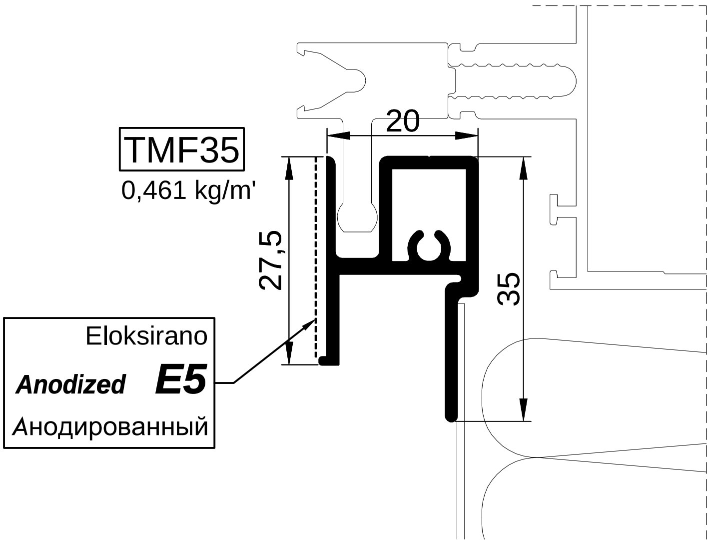
TMF18
0,215 kg/m'

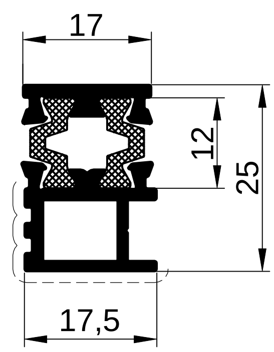


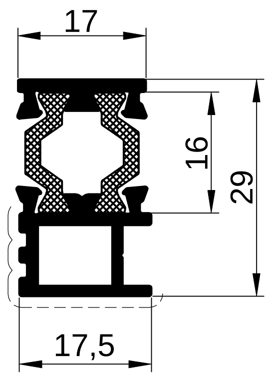
TMF65
0,116 kg/m'





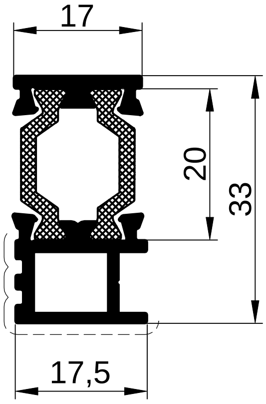




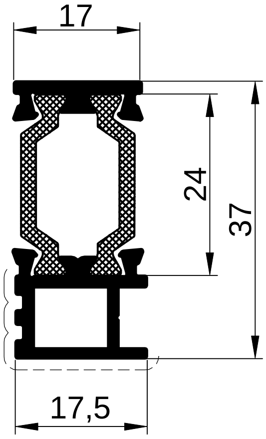


TMF45	0,520	kg/m`
S	1,55	cm^2
Ix	1,06	cm^4
Iy	0,45	cm^4
Wx	0,85	cm^3
Wy	0,48	cm^3

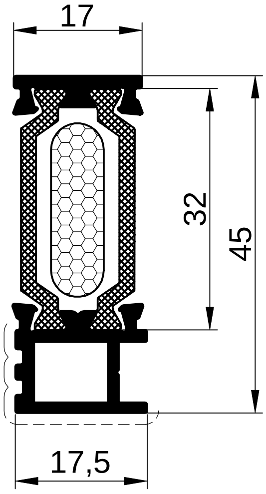
TMF46	0,539	kg/m`
S	1,55	cm^2
Ix	1,54	cm^4
Iy	0,45	cm^4
Wx	1,04	cm^3
Wy	0,48	cm^3



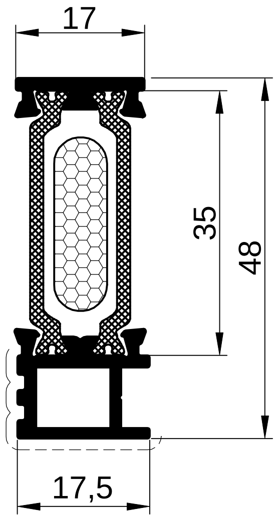
TMF47	0,556	kg/m`
S	1,55	cm^2
Ix	2,14	cm^4
Iy	0,45	cm^4
Wx	1,22	cm^3
Wy	0,48	cm^3



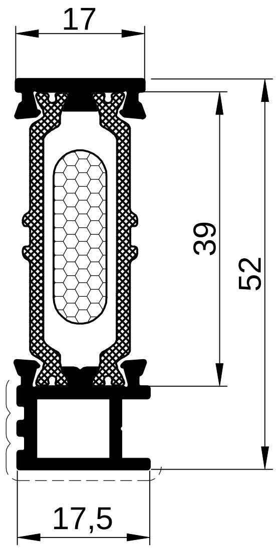
TMF48	0,575	kg/m`
S	1,55	cm^2
Ix	2,84	cm^4
Iy	0,45	cm^4
Wx	1,41	cm^3
Wy	0,48	cm^3



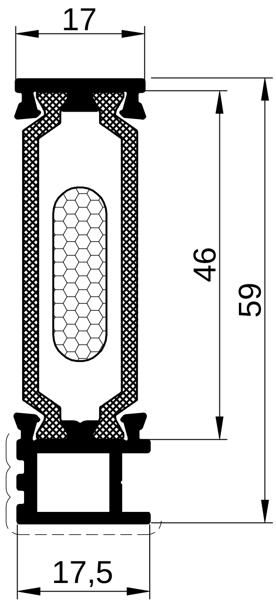
TMF49	0,619	kg/m`
S	1,55	cm^2
Ix	4,58	cm^4
Iy	0,45	cm^4
Wx	1,79	cm^3
Wy	0,48	cm^3



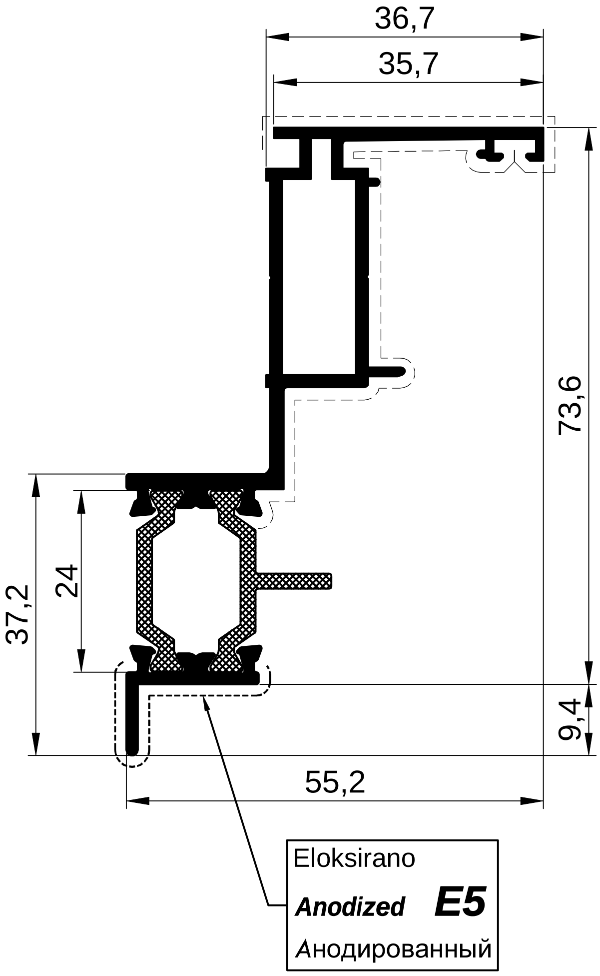
TMF50	0,620	kg/m`
S	1,55	cm^2
Ix	5,35	cm^4
Iy	0,45	cm^4
Wx	2,04	cm^3
Wy	0,48	cm^3

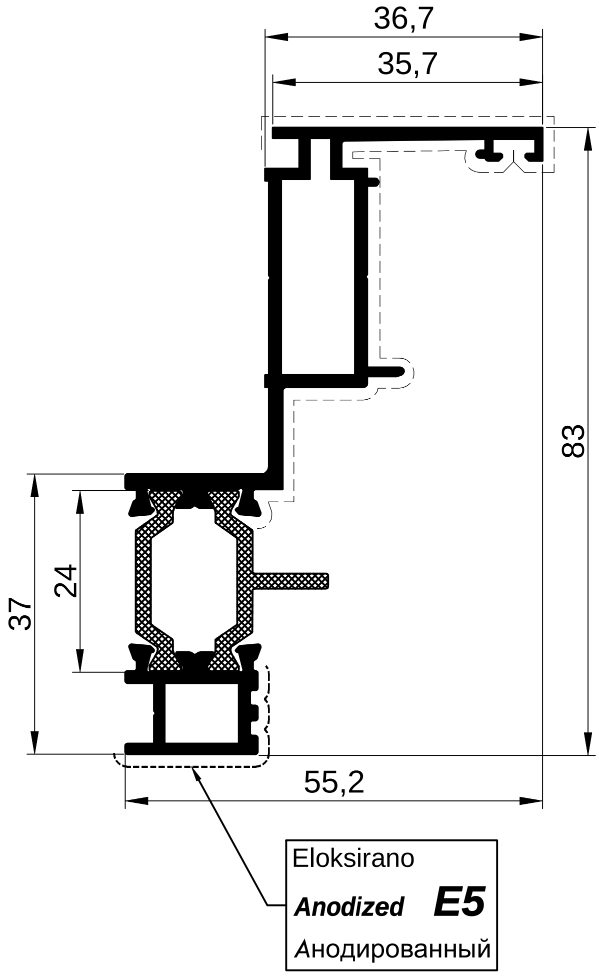


TMF51	0,647	kg/m`
S	1,55	cm^2
Ix	6,47	cm^4
Iy	0,45	cm^4
Wx	2,14	cm^3
Wy	0,48	cm^3



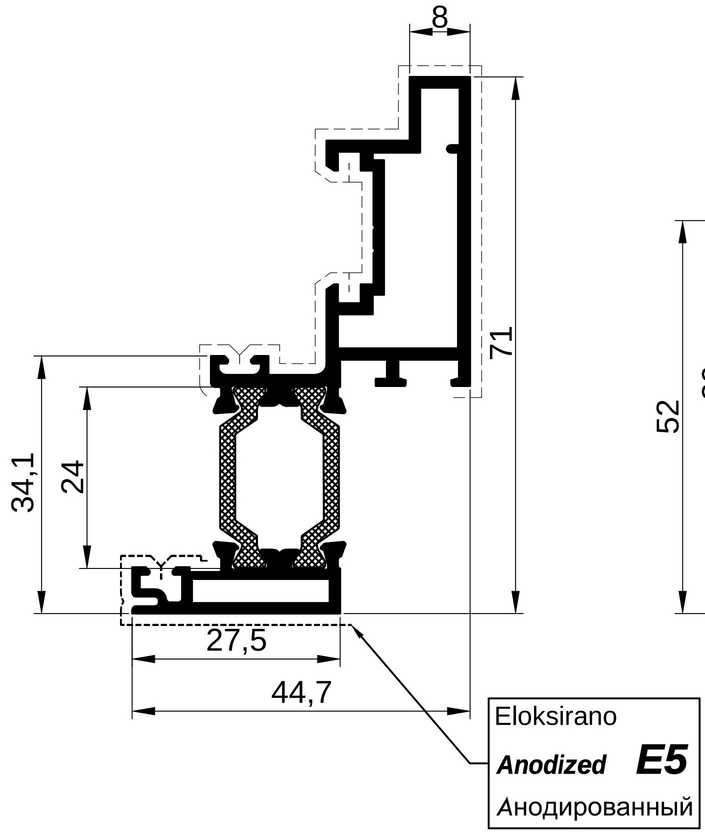
TMF52	0,681	kg/m`
S	1,55	cm^2
Ix	8,70	cm^4
Iy	0,45	cm^4
Wx	2,48	cm^3
Wy	0,48	cm^3

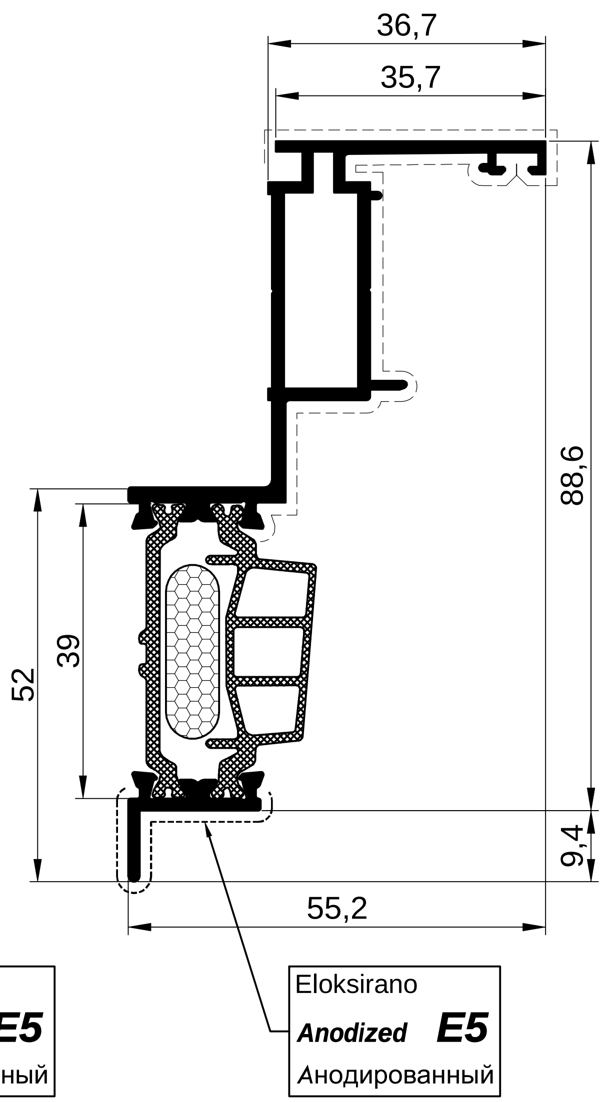




TMF132	1,133	kg/m`
S	3,53	cm^2
Ix	22,71	cm^4
Iy	6,06	cm^4
Wx	4,50	cm^3
Wy	1,80	cm^3

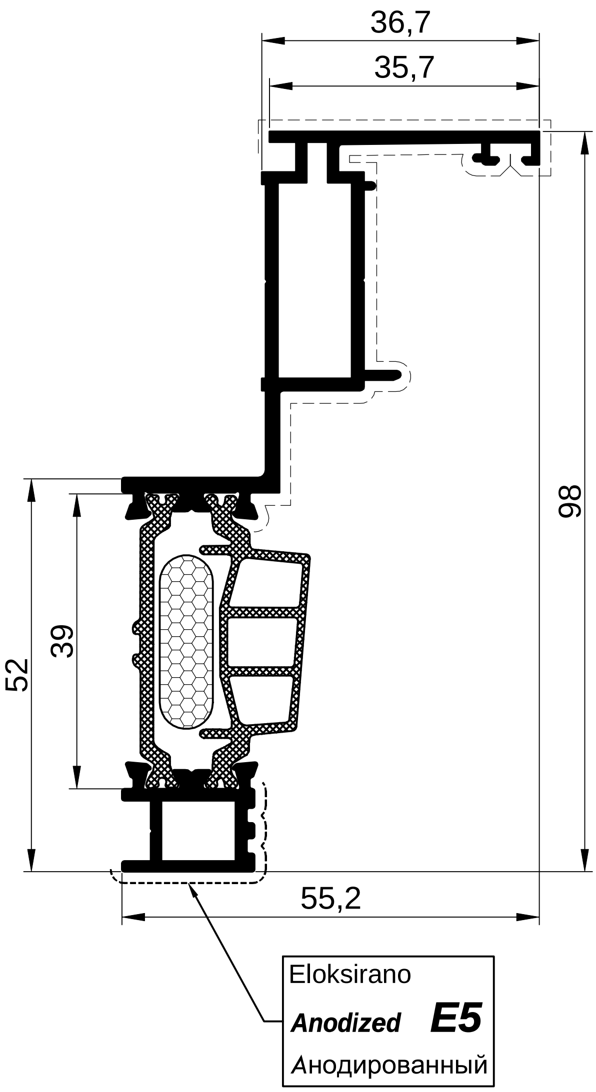
TMF133	1,237	kg/m`
S	3,91	cm^2
Ix	30,54	cm^4
Iy	6,27	cm^4
Wx	6,67	cm^3
Wy	1,82	cm^3

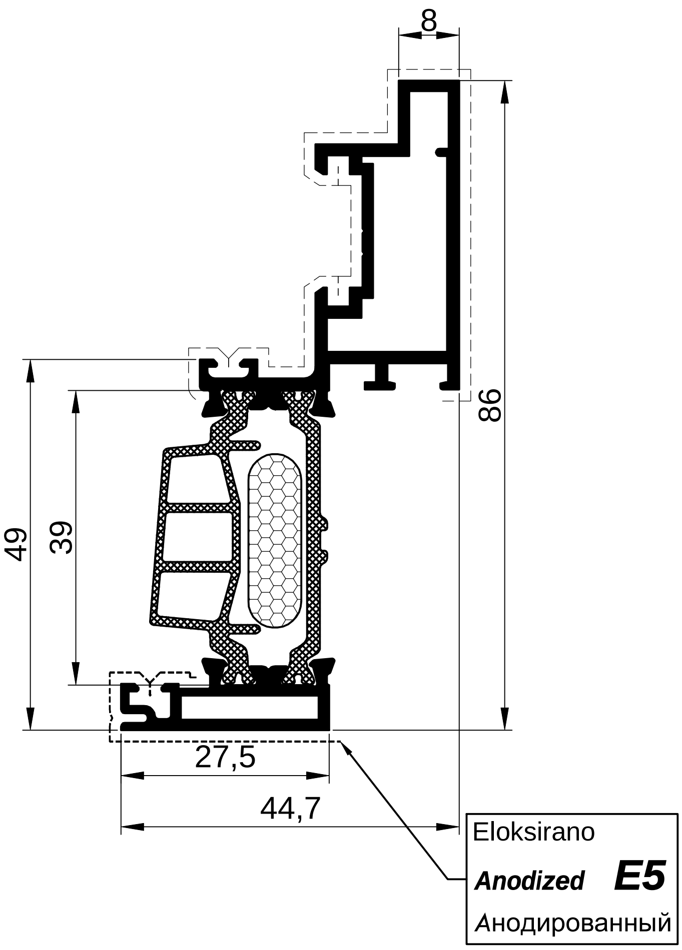




TMF134	1,175	kg/m`
S	3,64	cm^2
Ix	17,59	cm^4
Iy	5,32	cm^4
Wx	4,59	cm^3
Wy	0,20	cm^3

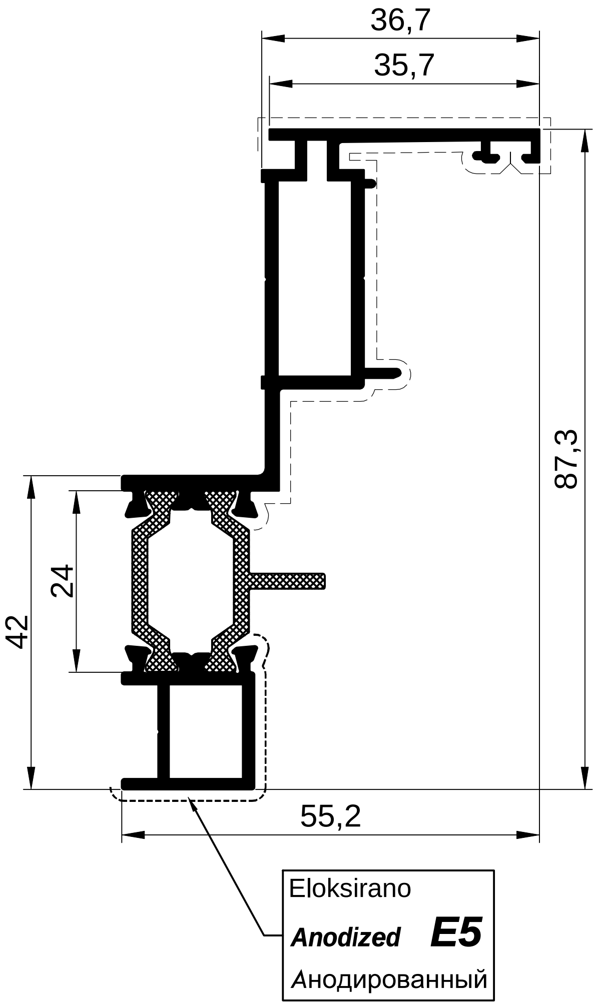
TMF332	1,253	kg/m`
S	3,53	cm^2
Ix	31,83	cm^4
Iy	6,06	cm^4
Wx	5,08	cm^3
Wy	1,80	cm^3

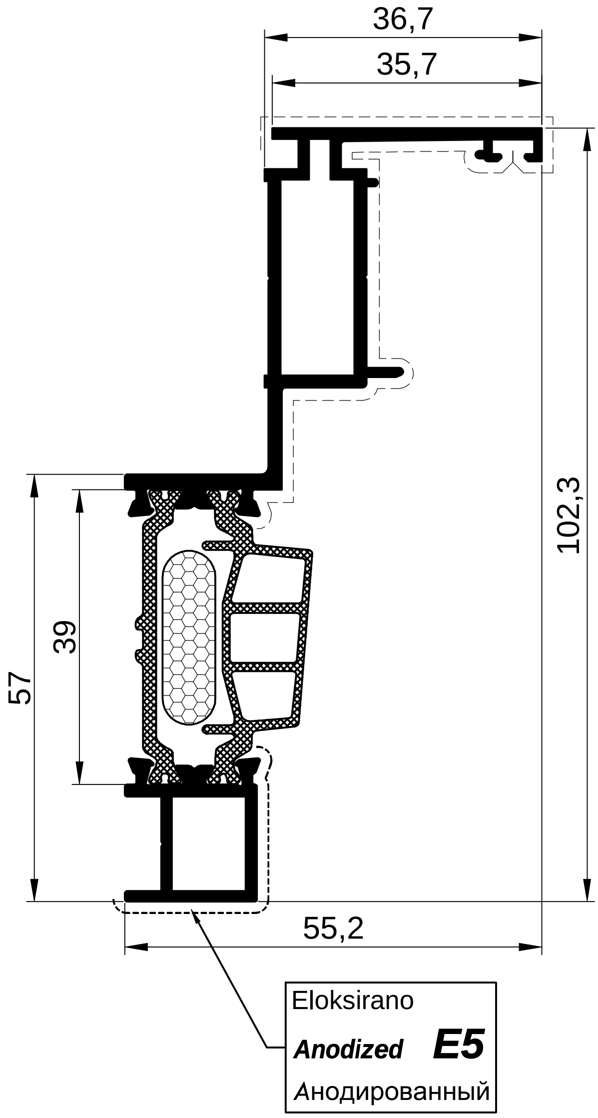




TMF333	1,357	kg/m`
S	3,91	cm^2
Ix	44,15	cm^4
Iy	6,27	cm^4
Wx	7,76	cm^3
Wy	1,82	cm^3

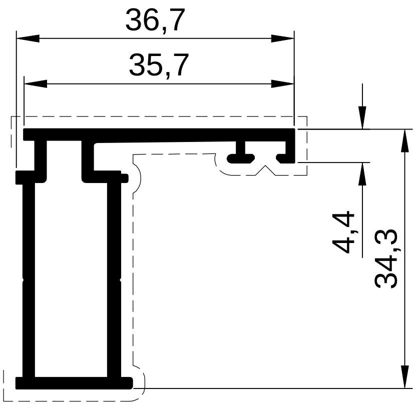
TMF334	1,295	kg/m`
S	3,64	cm^2
Ix	28,57	cm^4
Iy	5,32	cm^4
Wx	6,60	cm^3
Wy	1,95	cm^3



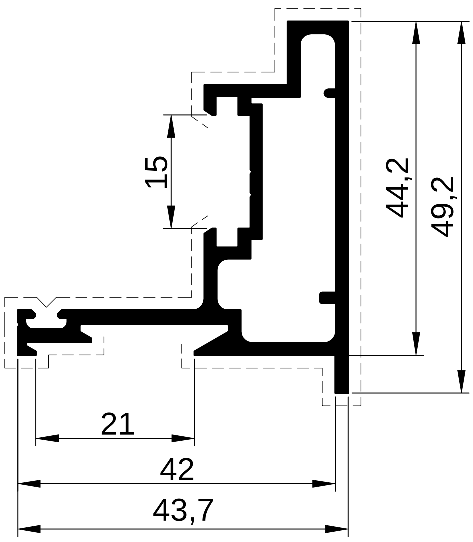


TMF153	1,273	kg/m`
S	4,00	cm^2
Ix	37,56	cm^4
Iy	6,37	cm^4
Wx	7,70	cm^3
Wy	1,84	cm^3

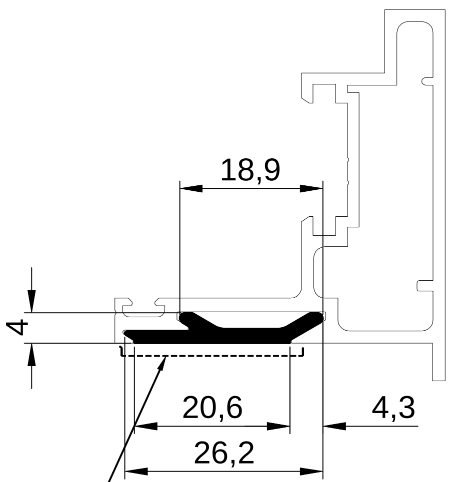
TMF353	1,402	kg/m`
S	4,00	cm^2
Ix	48,45	cm^4
Iy	6,37	cm^4
Wx	8,13	cm^3
Wy	1,84	cm^3



TMF62	0,514	kg/m`
S	1,87	cm^2
Ix	2,80	cm^4
Iy	1,80	cm^4
Wx	1,32	cm^3
Wy	0,73	cm^3

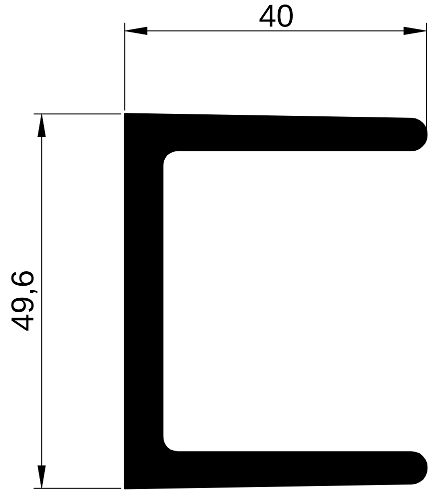


TMF63	0,797	kg/m`
S	2,89	cm^2
Ix	6,16	cm^4
Iy	4,20	cm^4
Wx	2,22	cm^3
Wy	1,38	cm^3

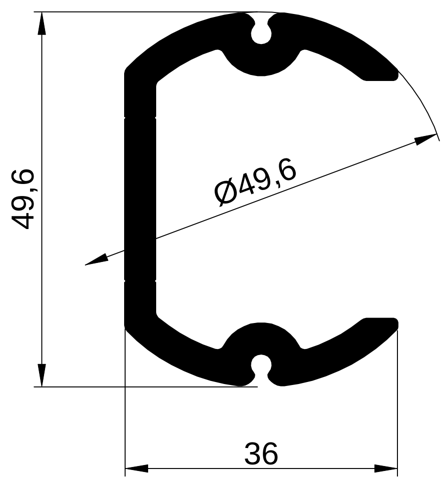


Eloksirano
Anodized E5
Анодированный

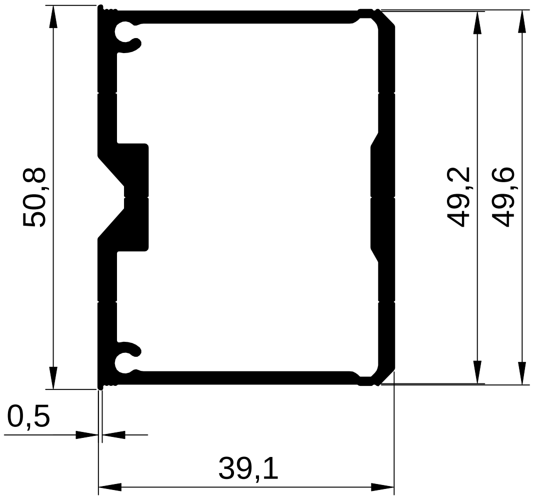
TMF64
0,145 kg/m'



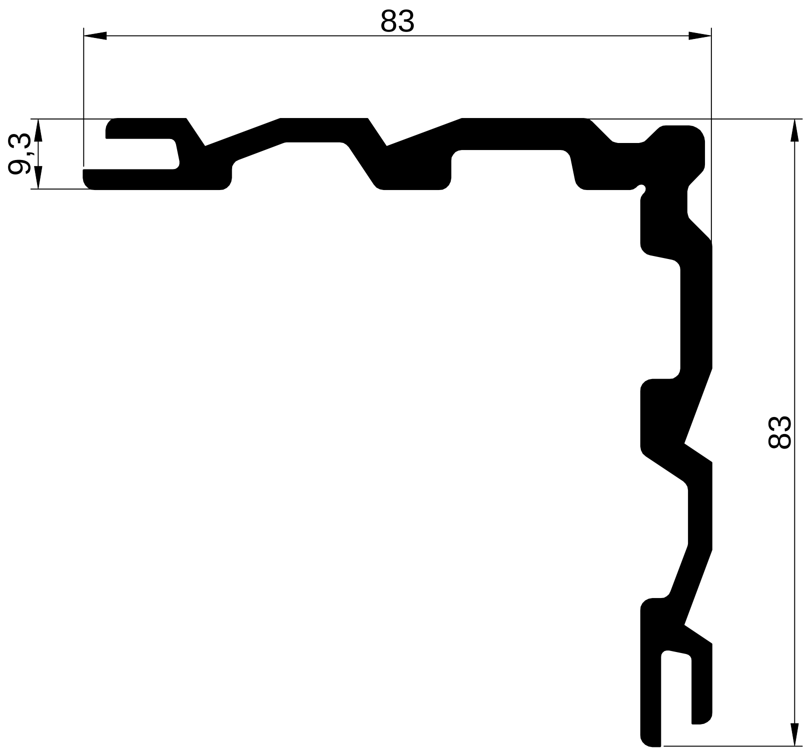
TM58	1,525	kg/m`
S	5,54	cm^2
Ix	20,22	cm^4
Iy	8,25	cm^4
Wx	8,15	cm^3
Wy	3,08	cm^3



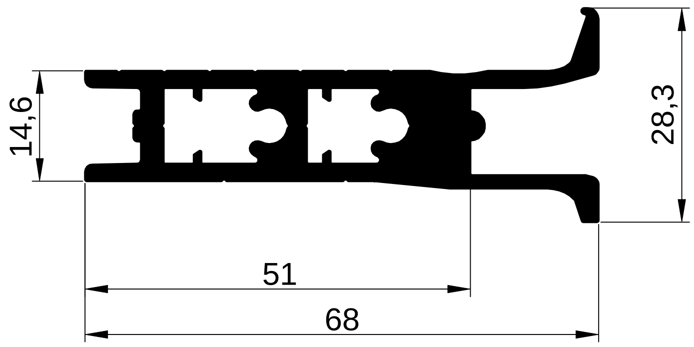
TM87	1,266	kg/m`
S	4,60	cm^2
Ix	14,64	cm^4
Iy	5,28	cm^4
Wx	5,94	cm^3
Wy	2,36	cm^3



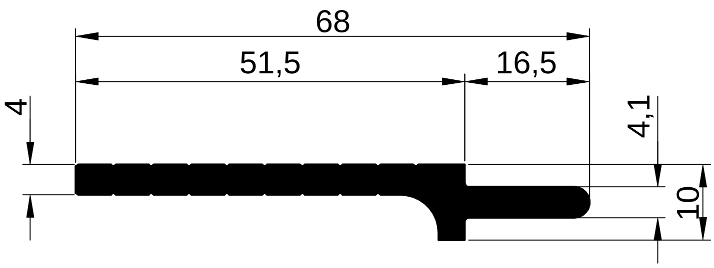
TM86	1,011	kg/m`
S	3,68	cm^2
Ix	9,17	cm^4
Iy	10,34	cm^4
Wx	3,61	cm^3
Wy	4,84	cm^3



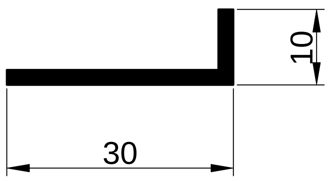
111	2,211	kg/m`
S	8,04	cm^2
Ix	49,17	cm^4
Iy	49,17	cm^4
Wx	8,17	cm^3
Wy	8,17	cm^3



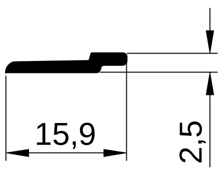
TMF95	1,493	kg/m`
S	5,43	cm^2
Ix	1,83	cm^4
Iy	18,69	cm^4
Wx	1,17	cm^3
Wy	5,26	cm^3



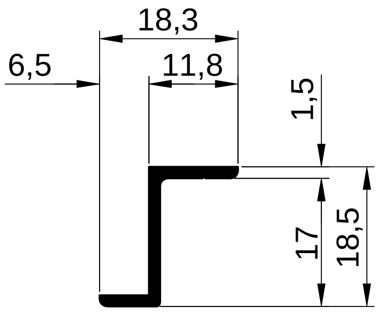
TMF36
0,816 kg/m'



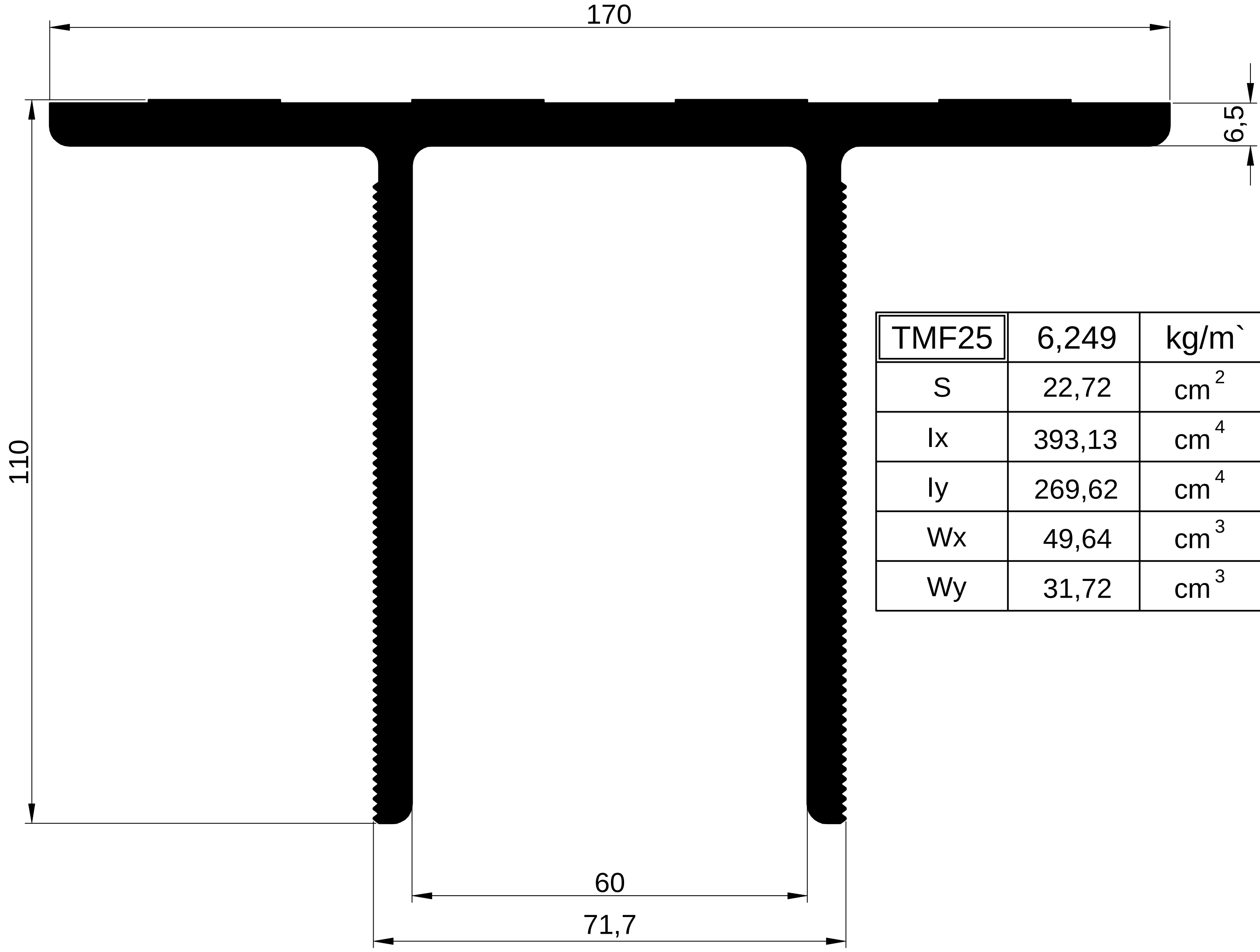
L1030
0,206 kg/m'



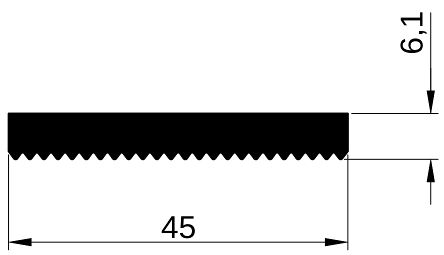
109
0,065 kg/m'



TMF37
0,145 kg/m'



TMF25	6,249	kg/m`
S	22,72	cm^2
Ix	393,13	cm^4
Iy	269,62	cm^4
Wx	49,64	cm^3
Wy	31,72	cm^3

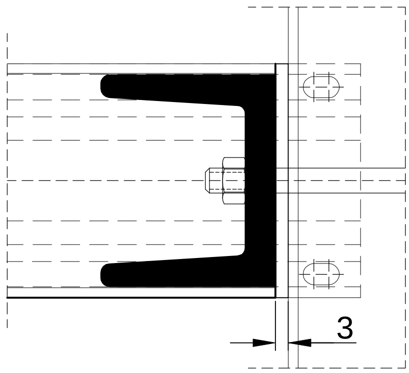


TMF26
0,696 kg/m'

FL120-5
1,650 kg/m'

Lista pratećeg materijala
Accessories list
Список аксессуаров

ALUMINIK CS55

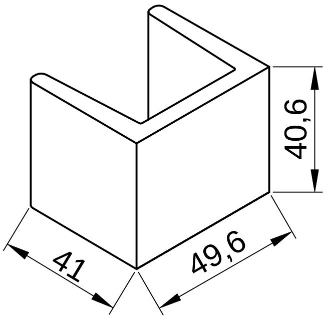


Vmax	MAKSIMALNA SILA U SPOJNICI *Maximum force in joint* Максимальная сила в суставе	
	Vmax (N)	Vmax (kg)
TMFA3	3500	350
TMFA4	1650	165
TMFA32	4500	450

TMFA4

Alu spojnica
Alu joint
Алю соединение

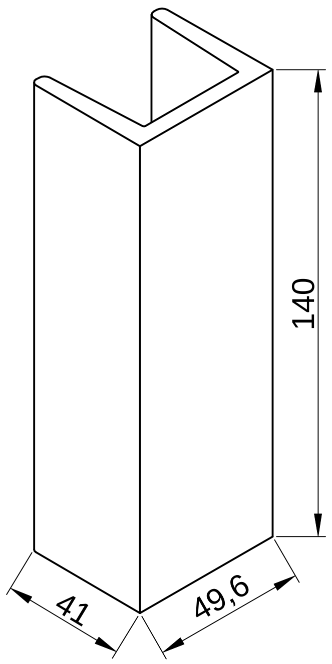
za/for/для: TMF2



TMFA32

Alu spojnica
Alu joint
Алю соединение

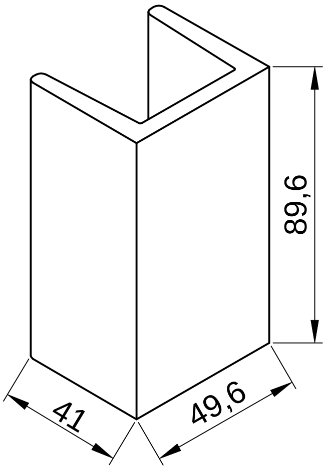
za/for/для: TMF71



TMFA3

Alu spojnica
Alu joint
Алю соединение

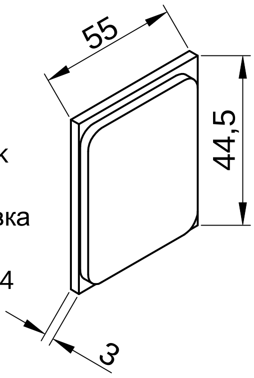
za/for/для: TMF21



TMFG8

Dilatacioni umetak
Dilatation plug
Дилатации вставка

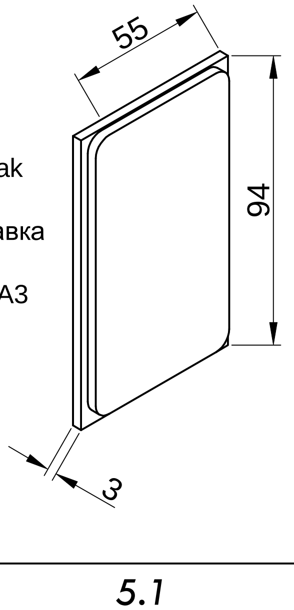
za/for/для: TMFA4



TMFG7

Dilatacioni umetak
Dilatation plug
Дилатации вставка

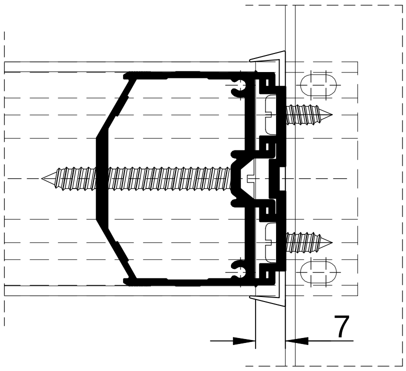
za/for/для: TMFA3

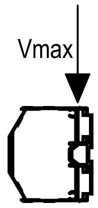


TMFG7 + TMFG8

Dilatacioni umetak
Dilatation plug
Дилатации вставка

za/for/для: TMFA32

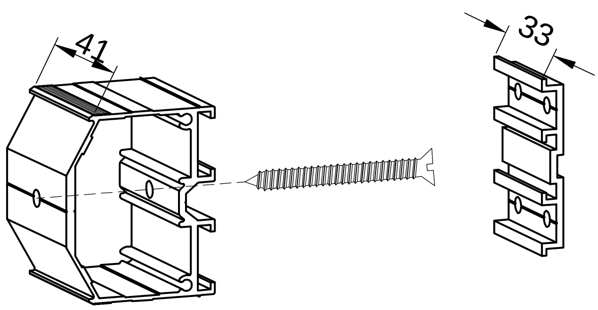


 Vmax	MAKSIMALNA SILA U SPOJNICI *Maximum force in joint* Максимальная сила в суставе	
	Vmax (N)	Vmax (kg)
TMFA6	350	35
TMFA7	900	90
TMFA8	1450	145
TMFA21	1550	155

TMFA6

Alu spojnica
Alu joint
Алю соединение

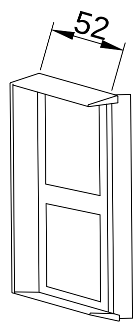
za/for/для: TMF2



TMFP9

Dilatacioni umetak
Dilatation plug
Дилатации вставка

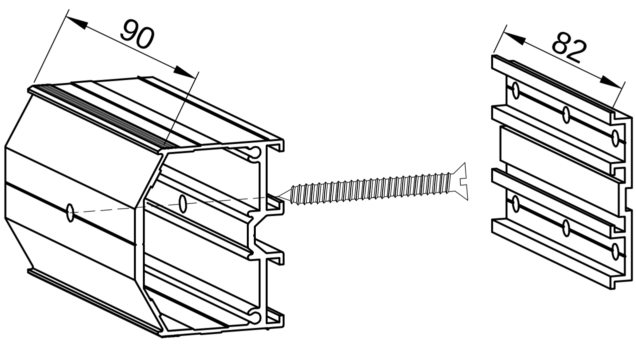
za/for/для: TMFA6



TMFA7

Alu spojnica
Alu joint
Алю соединение

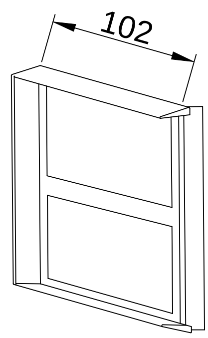
za/for/для: TMF21



TMFP10

Dilatacioni umetak
Dilatation plug
Дилатации вставка

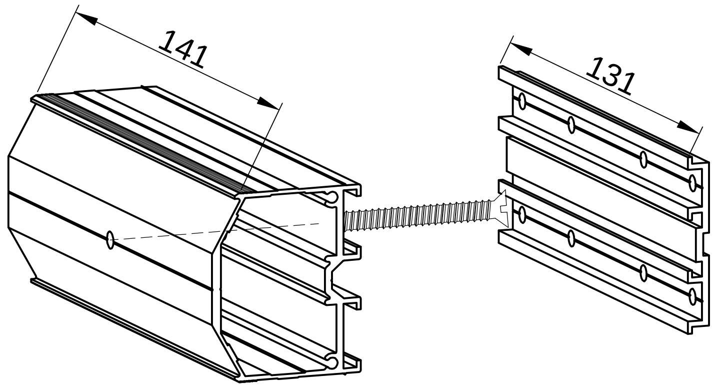
za/for/для: TMFA7



TMFA8

Alu spojnica
Alu joint
Алю соединение

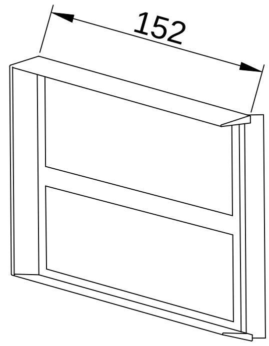
za/for/для: TMF71

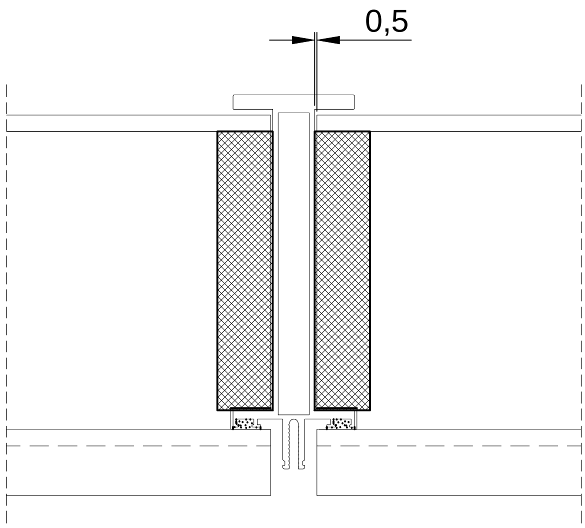


TMFP11

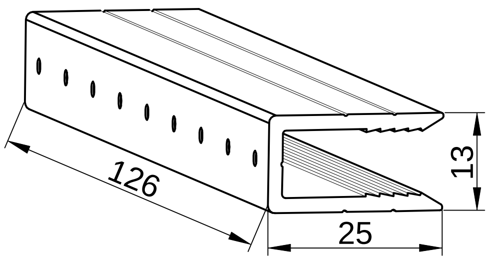
Dilatacioni umetak
Dilatation plug
Дилатации вставка

za/for/для: TMFA8





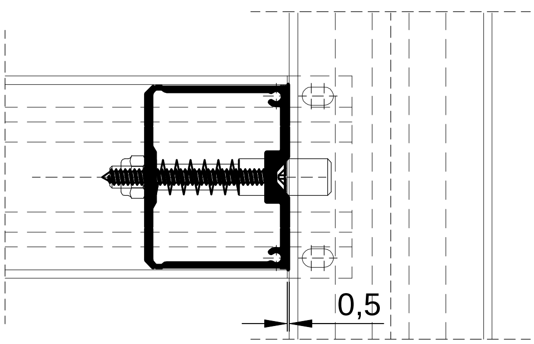
Vmax	MAKSIMALNA SILA U SPOJNICI *Maximum force in joint* Максимальная сила в суставе	
	Vmax (N)	Vmax (kg)
TMFA31	600	60

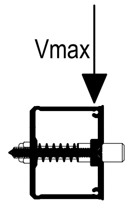


TMFA31

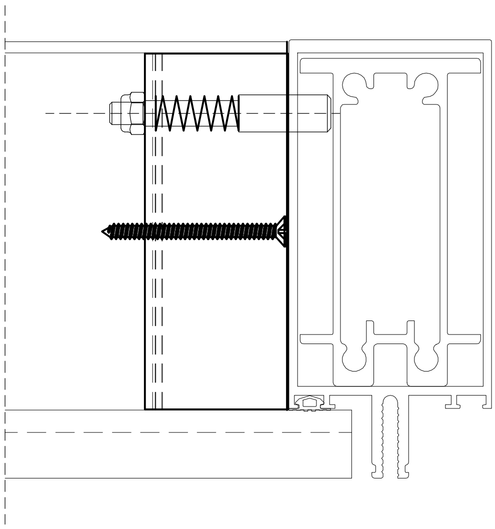
Alu spojnica
Alu joint
Алю соединение

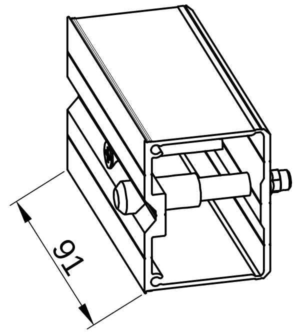
za/for/для: TMF57





	MAKSIMALNA SILA U SPOJNICI *Maximum force in joint* Максимальная сила в суставе	
	Vmax (N)	Vmax (kg)
TMFA44 - TMFA51	650	65
TMFA52 - TMFA54	800	80

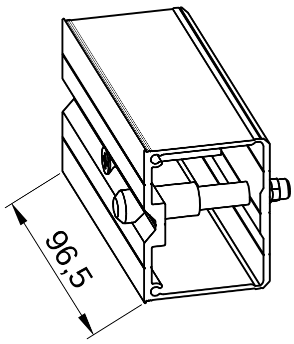




TMFA46

Alu spojnica
Alu joint
Алю соединение

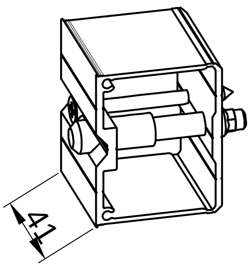
za/for/для: TMF21



TMFA47

Alu spojnica
Alu joint
Алю соединение

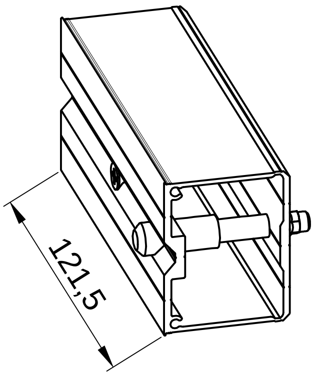
za/for/для: TMF106



TMFA44

Alu spojnica
Alu joint
Алю соединение

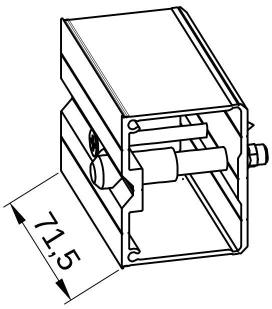
za/for/для: TMF2



TMFA48

Alu spojnica
Alu joint
Алю соединение

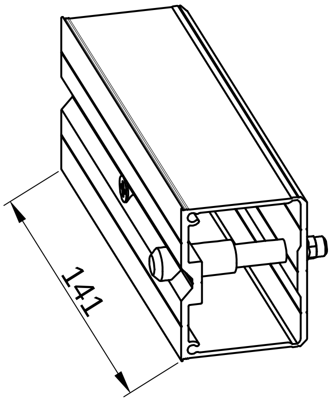
za/for/для: TMF131



TMFA45

Alu spojnica
Alu joint
Алю соединение

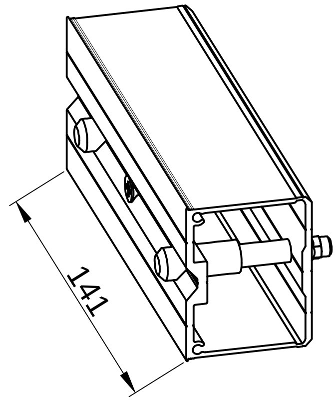
za/for/для: TMF81



TMFA49

Alu spojnica
Alu joint
Алю соединение

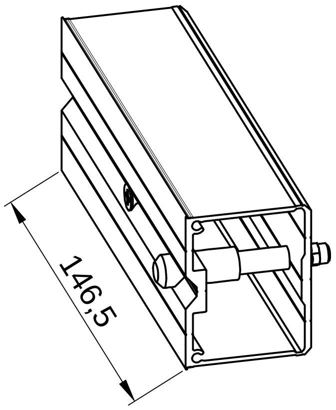
za/for/для: TMF71



TMFA52

Alu spojnica
Alu joint
Алю соединение

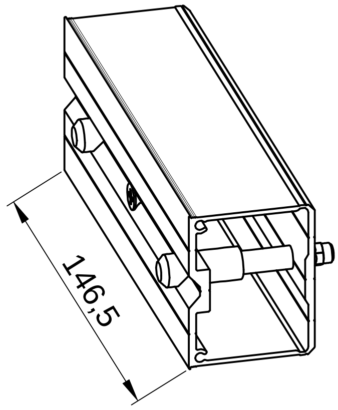
za/for/для: TMF71



TMFA50

Alu spojnica
Alu joint
Алю соединение

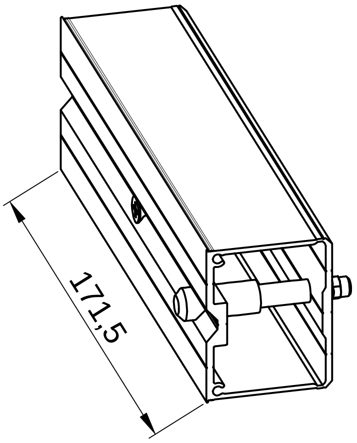
za/for/для: TMF156



TMFA53

Alu spojnica
Alu joint
Алю соединение

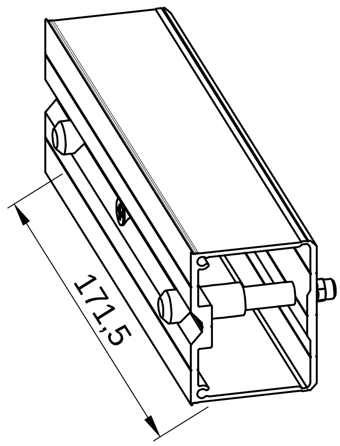
za/for/для: TMF156



TMFA51

Alu spojnica
Alu joint
Алю соединение

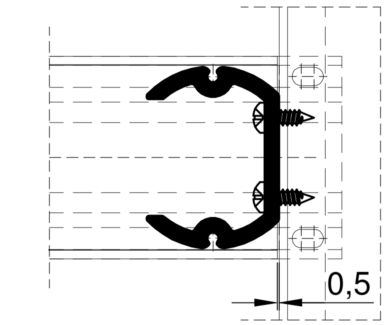
za/for/для: TMF181

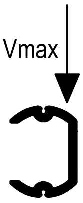


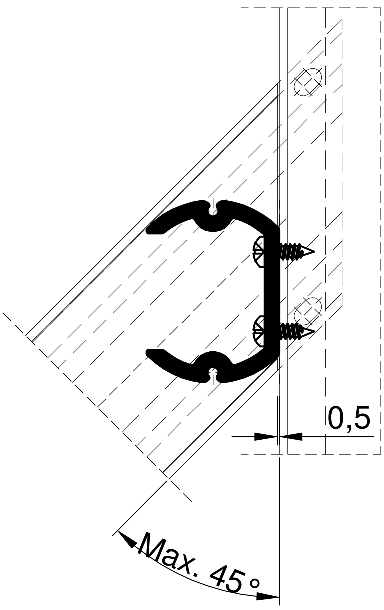
TMFA54

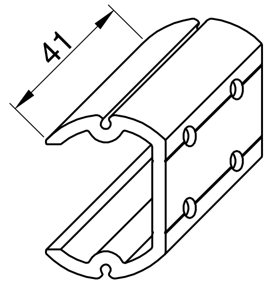
Alu spojnica
Alu joint
Алю соединение

za/for/для: TMF181



Vmax 	MAKSIMALNA SILA U SPOJNICI *Maximum force in joint* Максимальная сила в суставе	
	Vmax (N)	Vmax (kg)
TMFA34	750	75
TMFA35	950	95
TMFA36	1500	150
TMFA37	1550	155
TMFA38	1750	175
TMFA39	1950	195
TMFA40	2000	200
TMFA41	2250	225

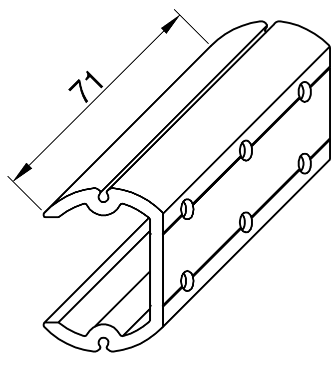




TMFA34

Alu spojnica
Alu joint
Алю соединение

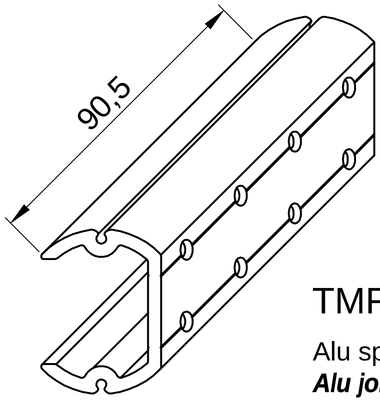
za/for/для: TMF2



TMFA35

Alu spojnica
Alu joint
Алю соединение

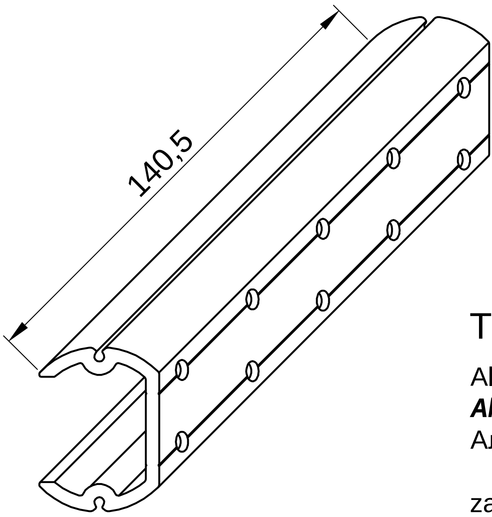
za/for/для: TMF81



TMFA36

Alu spojnica
Alu joint
Алю соединение

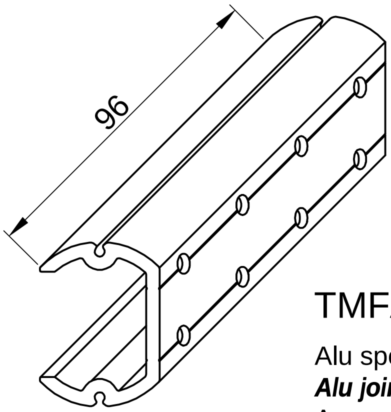
za/for/для: TMF21



TMFA39

Alu spojnica
Alu joint
Алю соединение

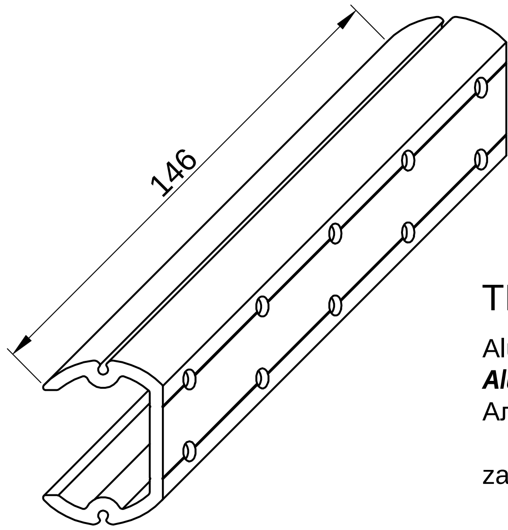
za/for/для: TMF71



TMFA37

Alu spojnica
Alu joint
Алю соединение

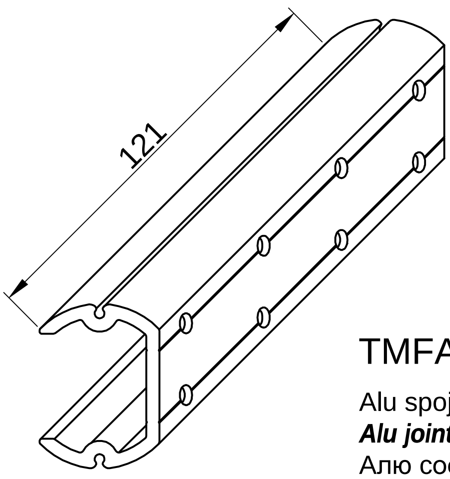
za/for/для: TMF106



TMFA40

Alu spojnica
Alu joint
Алю соединение

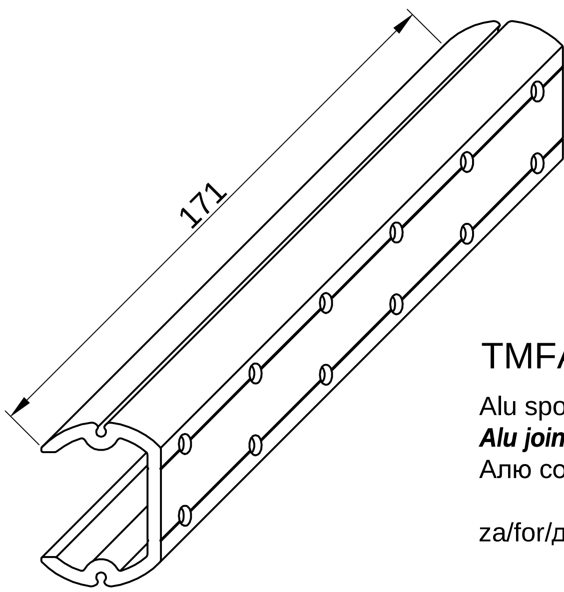
za/for/для: TMF156



TMFA38

Alu spojnica
Alu joint
Алю соединение

za/for/для: TMF131

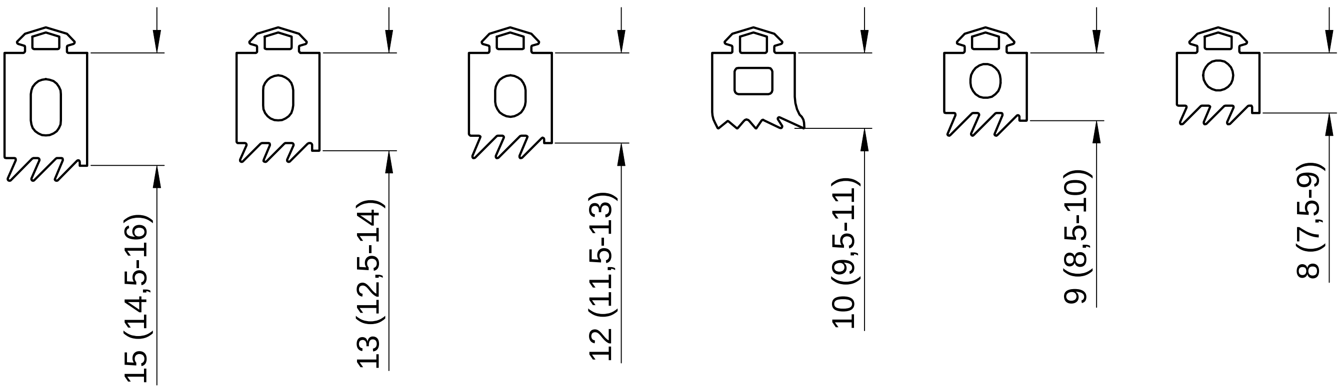


TMFA41

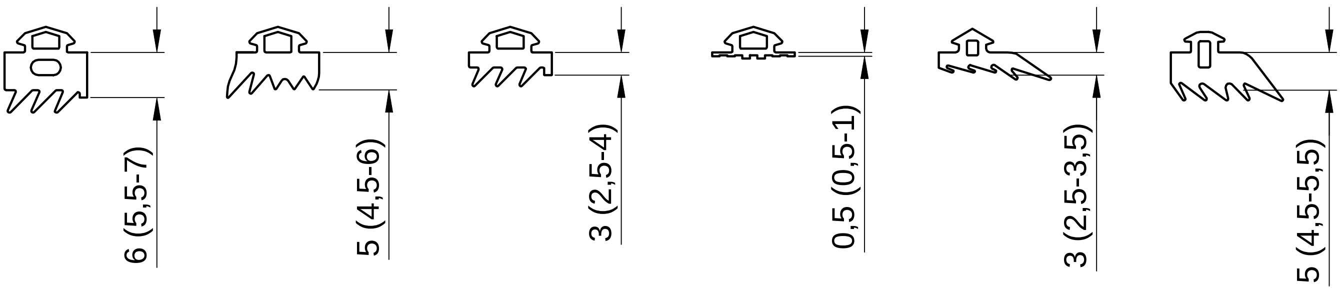
Alu spojnica
Alu joint
Алю соединение

za/for/для: TMF181

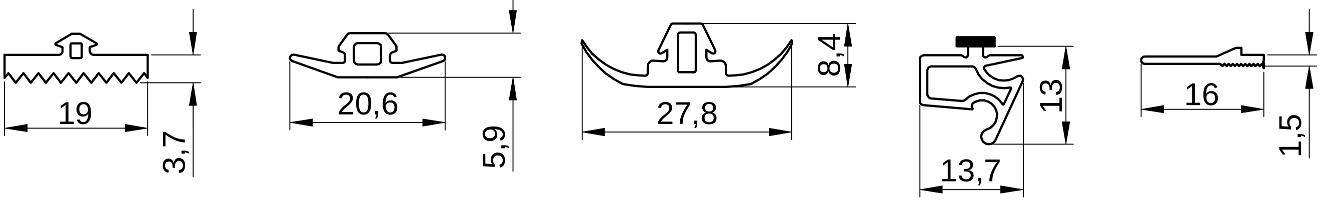
TMFG11 TMFG21 TMFG29 TMFG1 TMFG28 TMFG22



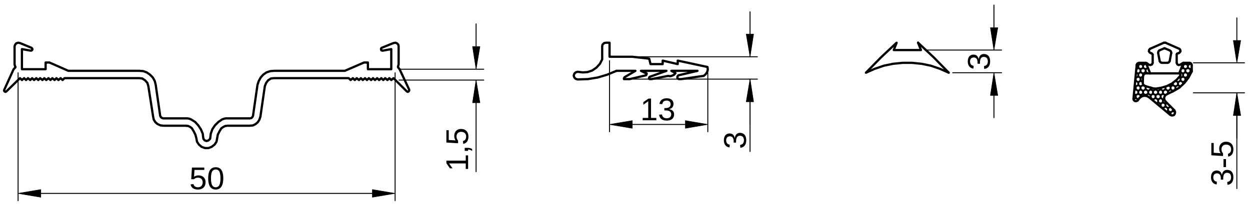
TMFG27 TMFG2 TMFG23 TMFG18 TMFG3 TMFG26



TMFP15 TMFG15 TMFG24 TMFG12 TMFG17



TMFG20 TMDG3 TMG4 809627

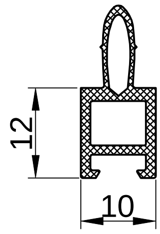


TMFP5

BUTIL traka
BUTYL tape
Бутиловая лента

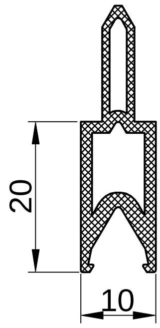
TMFP27

BUTIL traka
BUTYL tape
Бутиловая лента



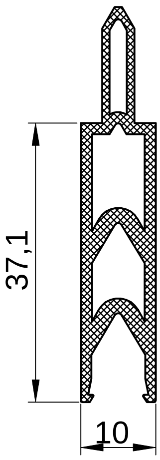
TMFP14

PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м



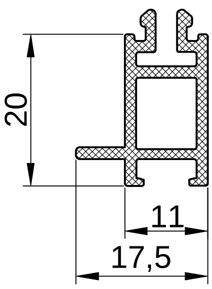
TMFL1

PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м



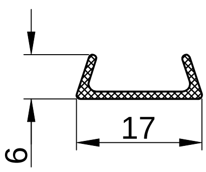
TMFL2

PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м



TMFP18

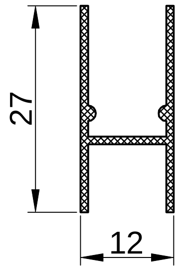
PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м



TMFP7

PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м

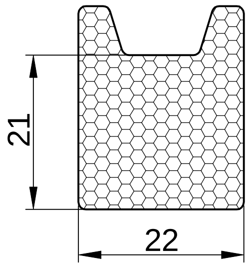
za/for/для: TMF17



TMFP4

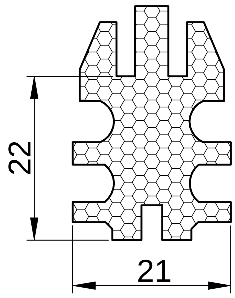
PVC profil, L=3,0 m
PVC profile, L=3,0 m
ПВХ профиль, Д=3,0 м

za/for/для: TMF17



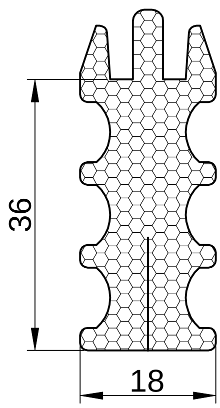
TMFL5

PENG penasti profil, L=2,0 m
LDPE foam profile, L=2,0 m
ПВД вспененный профиль, Д=2,0 м



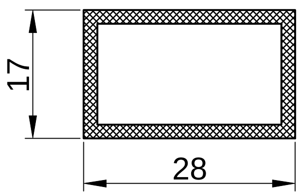
TMFL3

PENG penasti profil, L=2,0 m
LDPE foam profile, L=2,0 m
ПВД вспененный профиль, Д=2,0 м



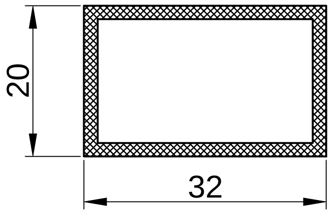
TMFL4

PENG penasti profil, L=2,0 m
LDPE foam profile, L=2,0 m
ПВД вспененный профиль, Д=2,0 м



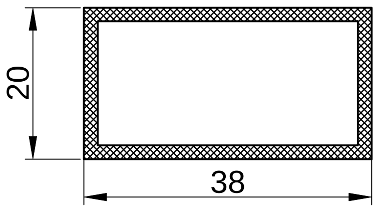
TMFP20

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м



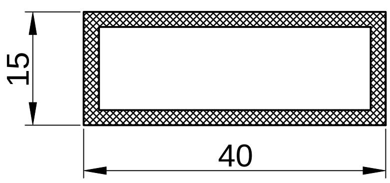
TMFP21

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м



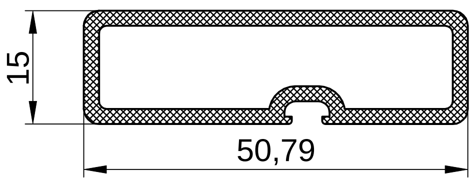
TMFP22

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м



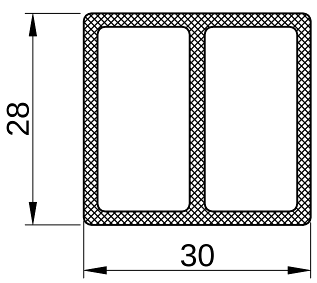
TMFP23

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м



TMFP24

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м

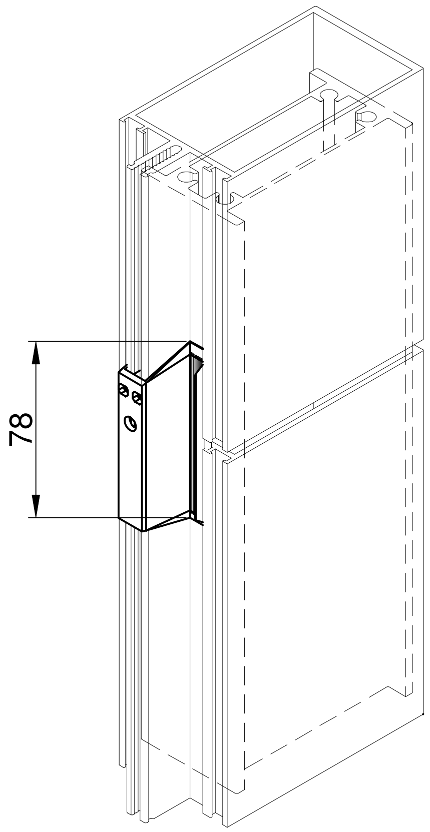


TMFP25

PVC distancer, L=6,0 m
PVC spacers profile, L=6,0 m
ПВХ прокладка, Д=6,0 м

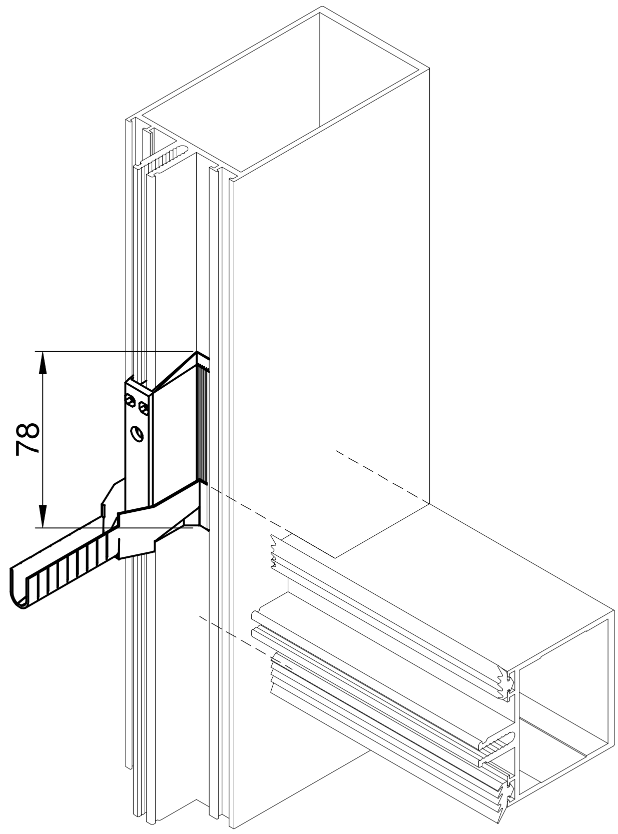
TMFG14

Drenažna prevodnica
Drainage insert
Дренаж имплантат



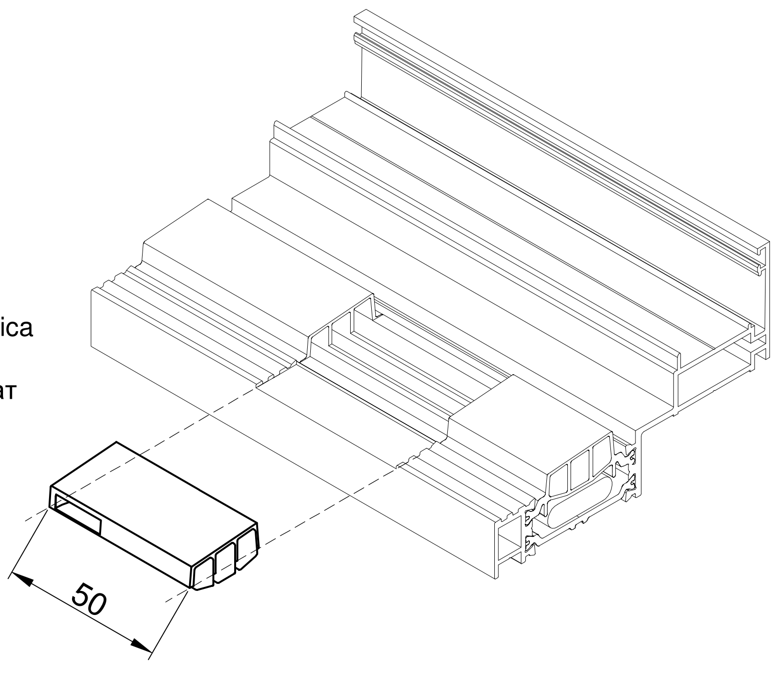
TMFG25

Drenažna lulica
Drainage pipe
Дренаж имплантат



TMFG13

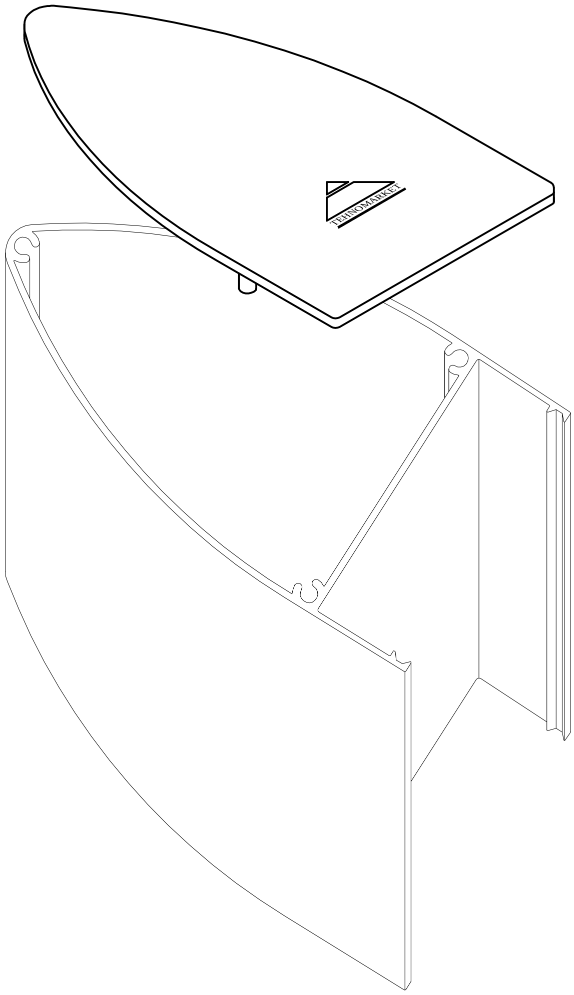
Drenažna prevodnica
Drainage insert
Дренаж имплантат



TMFP8

Umetak za zatvaranje
Ending plug
Молния

za/for/для: TMF15



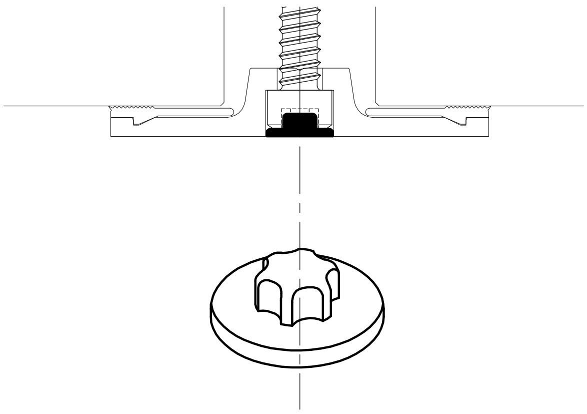
TMP9

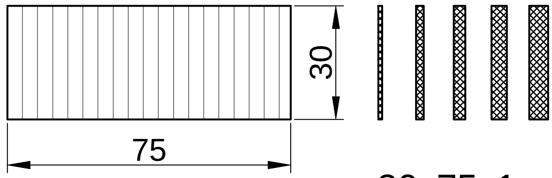
Čep drenaže štoka
Drainage bung of the rod
Затычка дренаж стержена

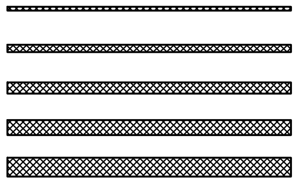
TMFG19

Čep vijka
Cap screws
Пробка для винта

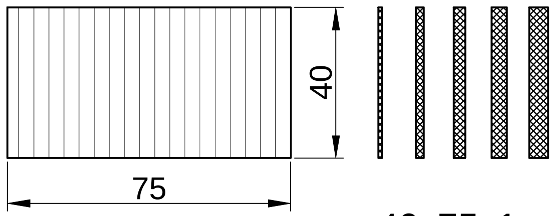
za/for/для: TMF41

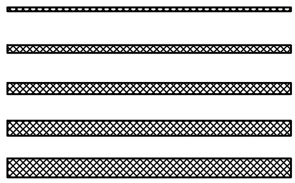




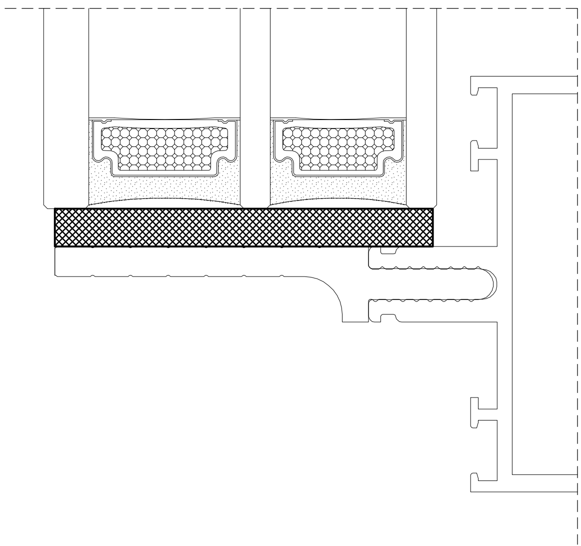


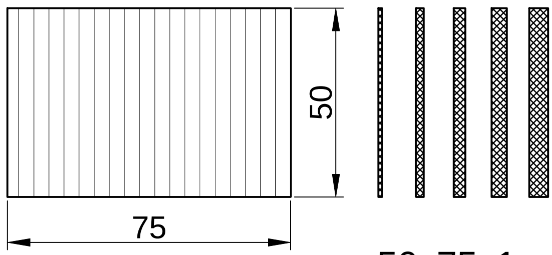
30x75x1mm
30x75x2mm
30x75x3mm
30x75x4mm
30x75x5mm

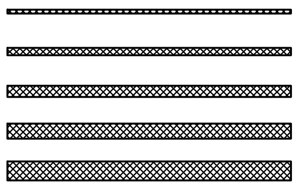




40x75x1mm
40x75x2mm
40x75x3mm
40x75x4mm
40x75x5mm

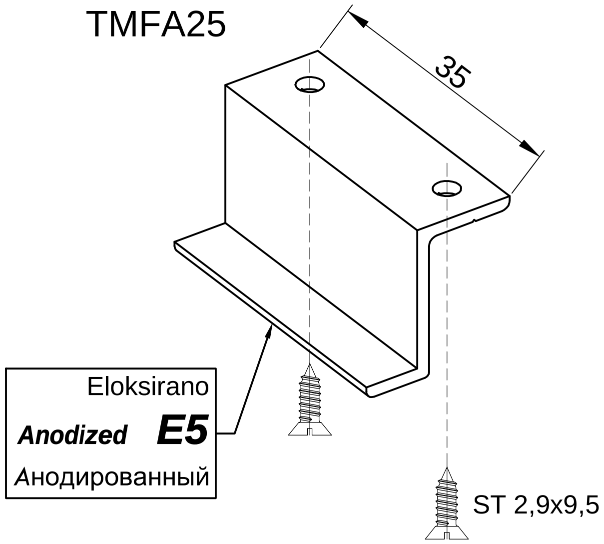


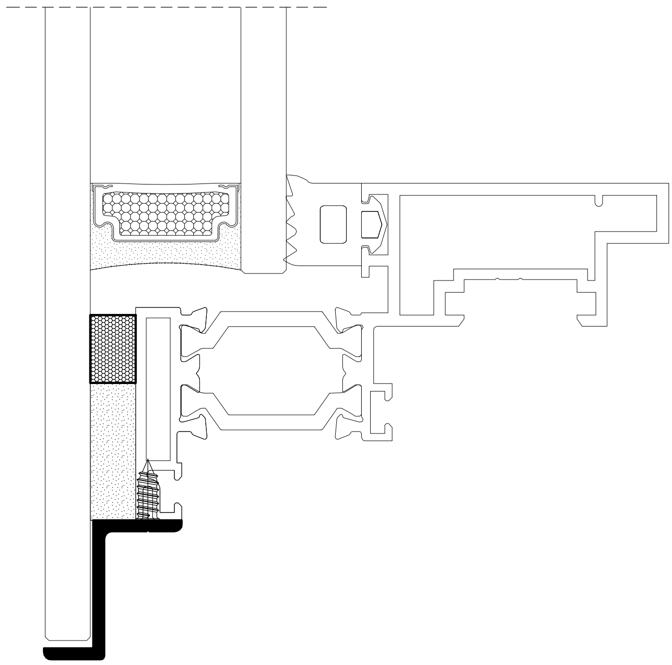




50x75x1mm
50x75x2mm
50x75x3mm
50x75x4mm
50x75x5mm

TMFA25



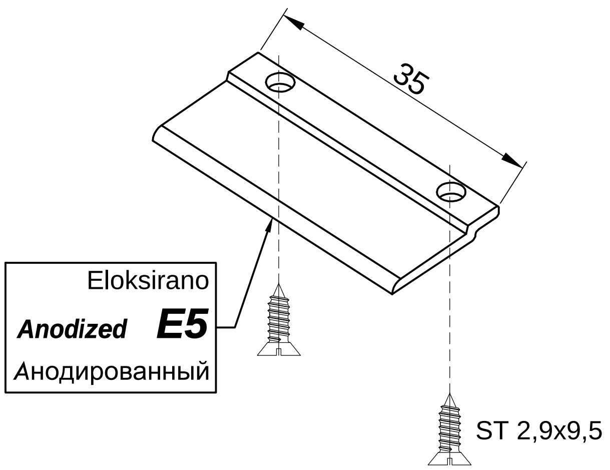


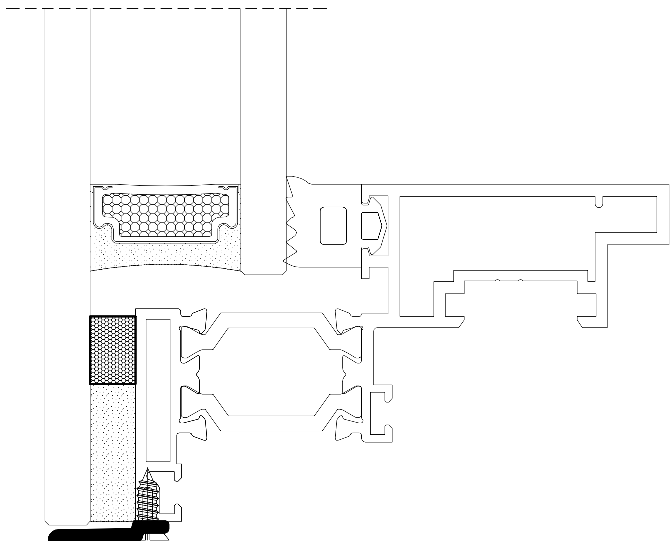
Za kalkulaciju dimenzije spoja strukturalnim silikonom računati da sigurnosni oslonci nisu konstruktivni

For calculation of structural silicon joint dimension calculate with unconstructive safety glazing support

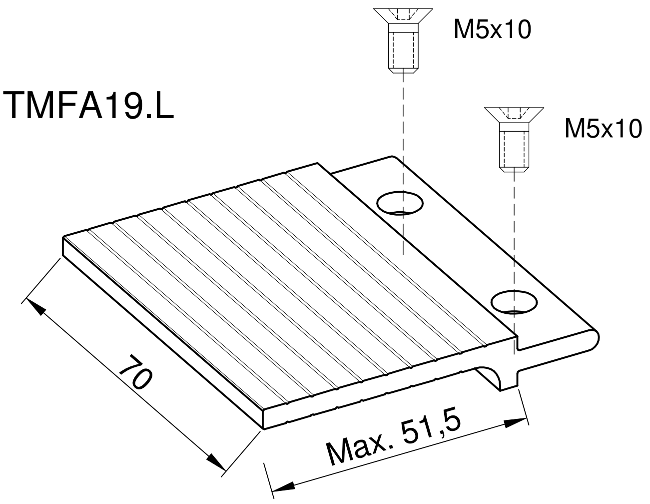
Для расчета структурного кремния присоединиться измерение расчета с неконструктивной безопасности остекления поддержки

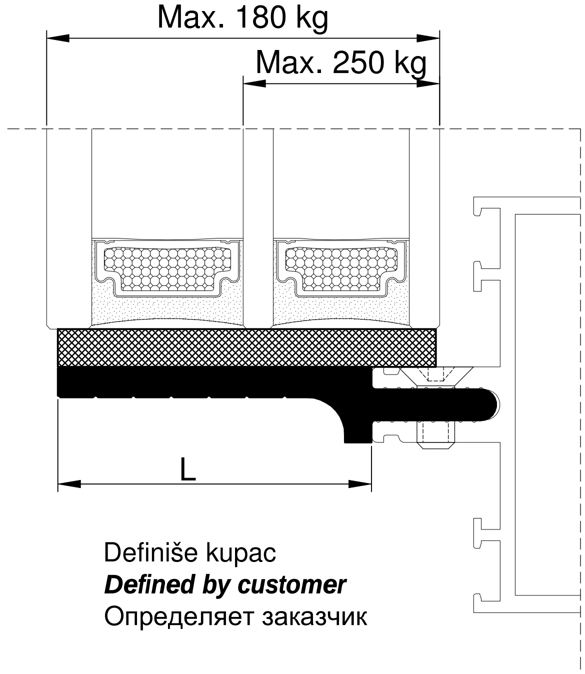
TMFA26





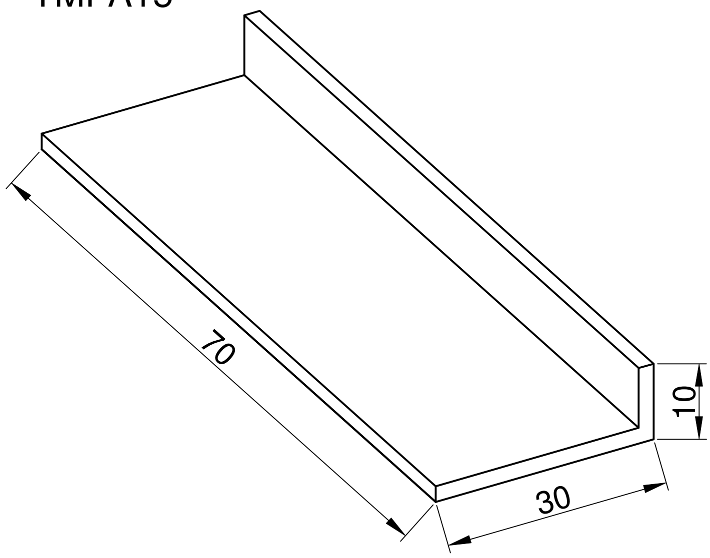
TMFA19.L

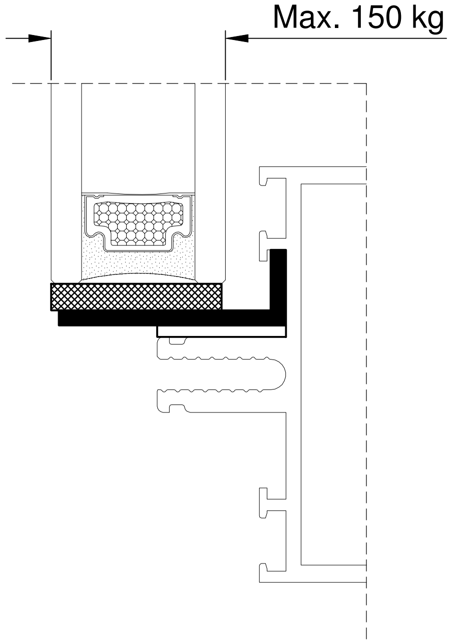




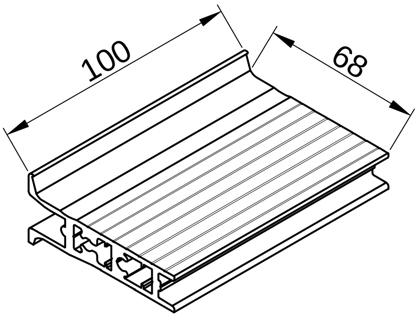
Definiše kupac
Defined by customer
Определяет заказчик

TMFA15

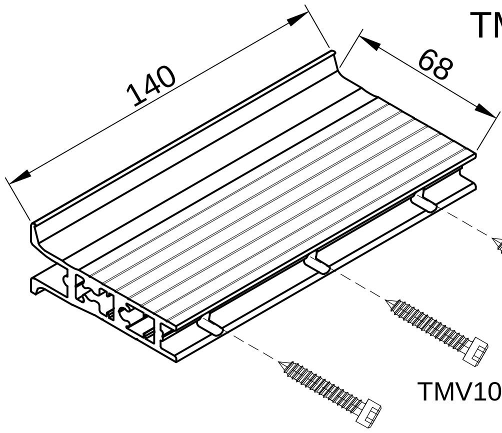




TMFA55

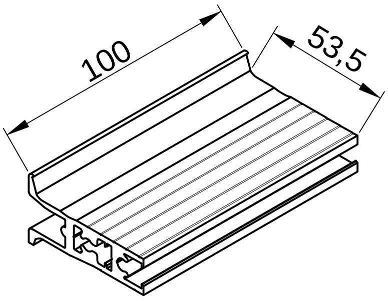


TMFA58

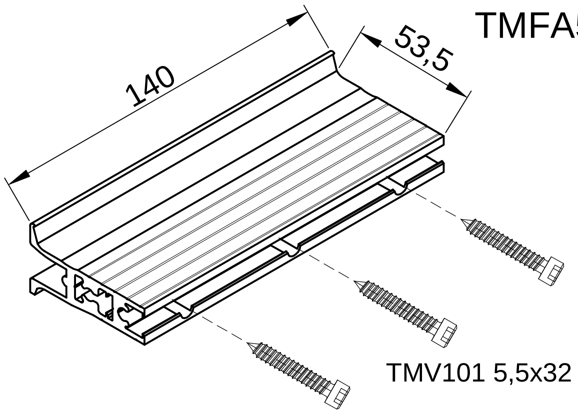


TMV101 5,5x32

TMFA56

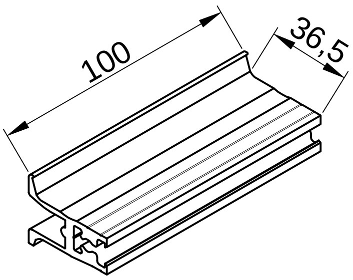


TMFA59

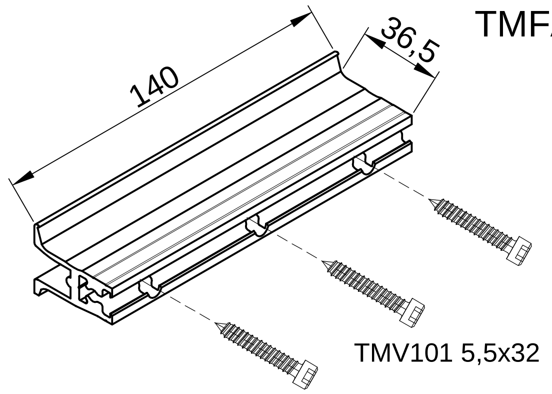


TMV101 5,5x32

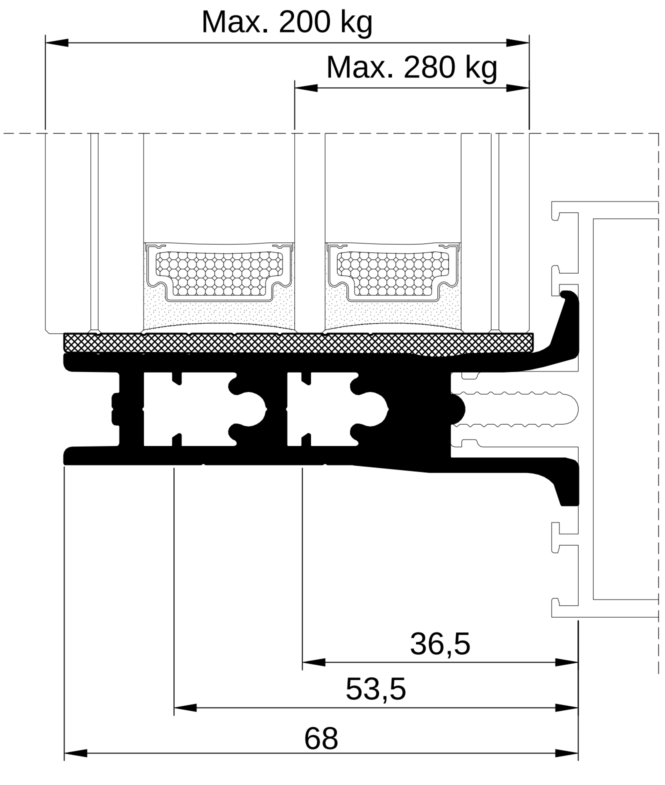
TMFA57

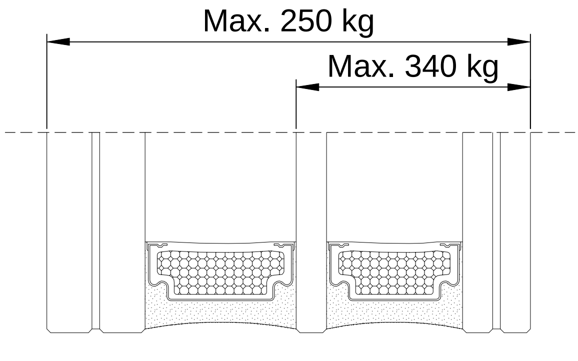


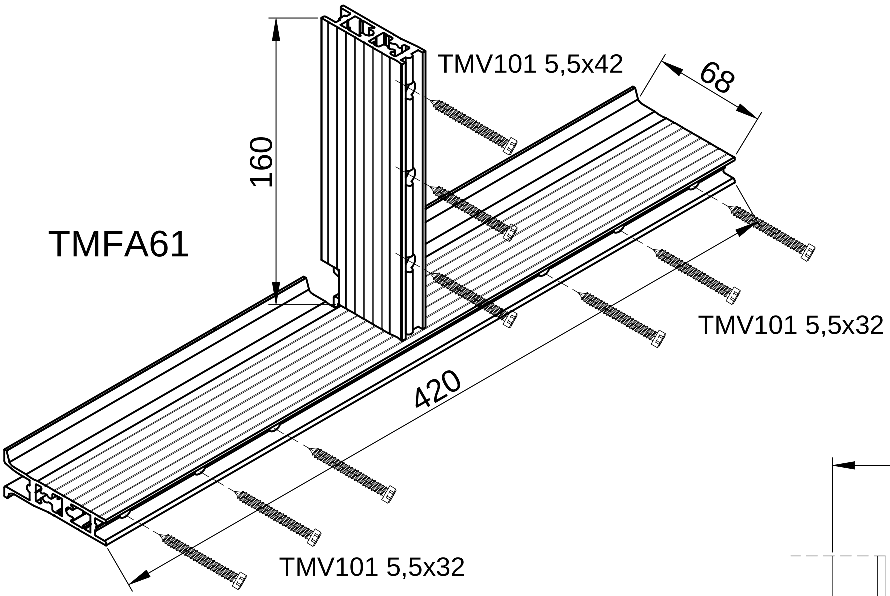
TMFA60

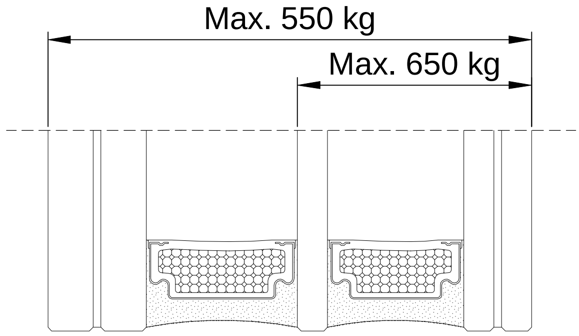


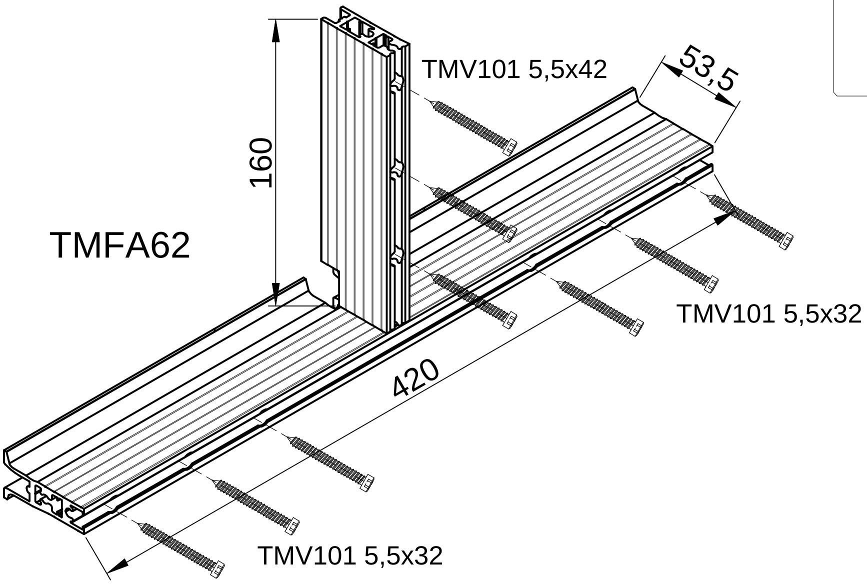
TMV101 5,5x32

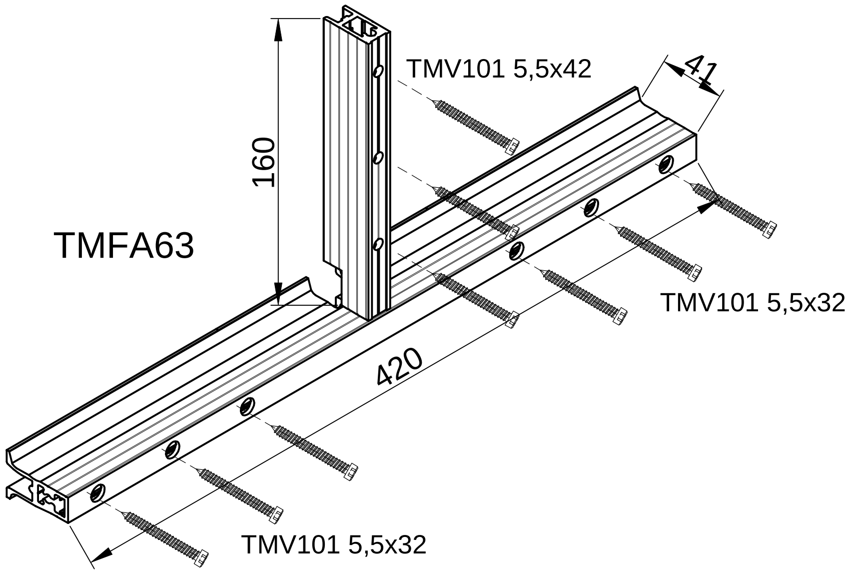


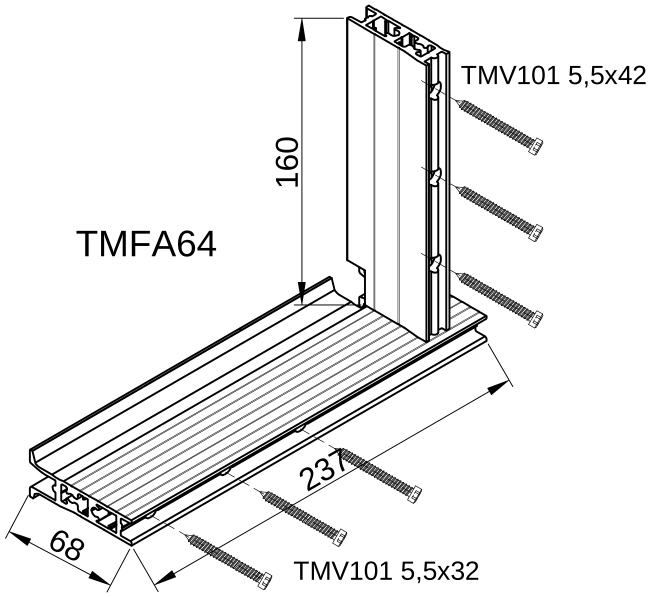


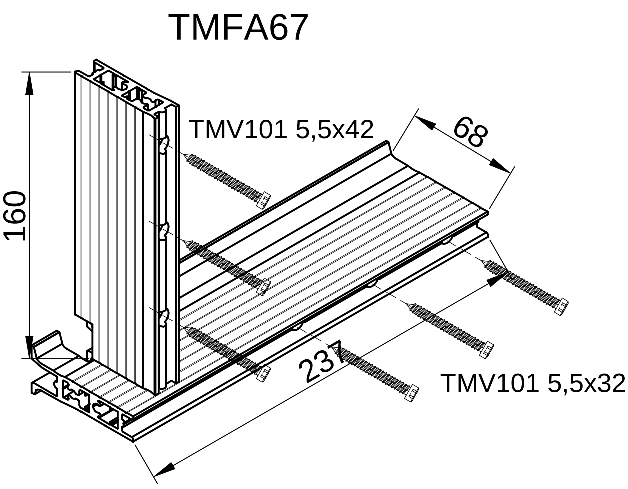

TMFA61
160
TMV101 5,5x42
68
TMV101 5,5x32
420
TMV101 5,5x32

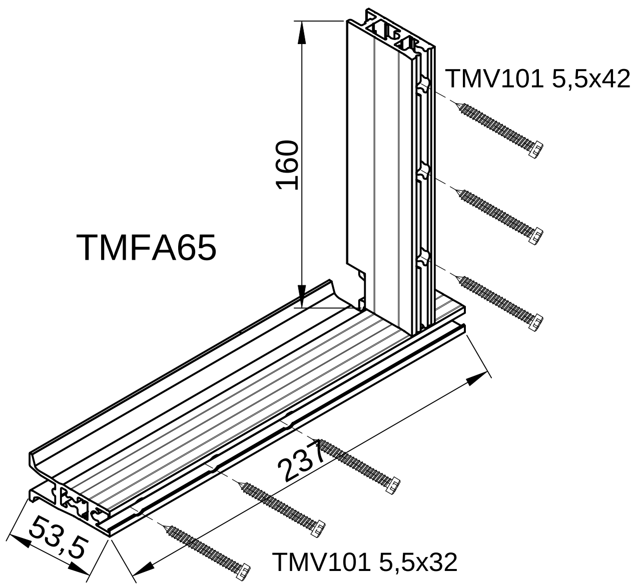

Max. 550 kg
Max. 650 kg

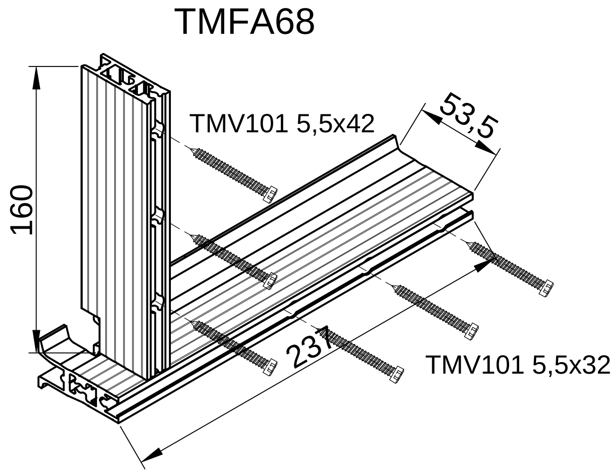

TMFA62
160
TMV101 5,5x42
53,5
TMV101 5,5x32
420
TMV101 5,5x32

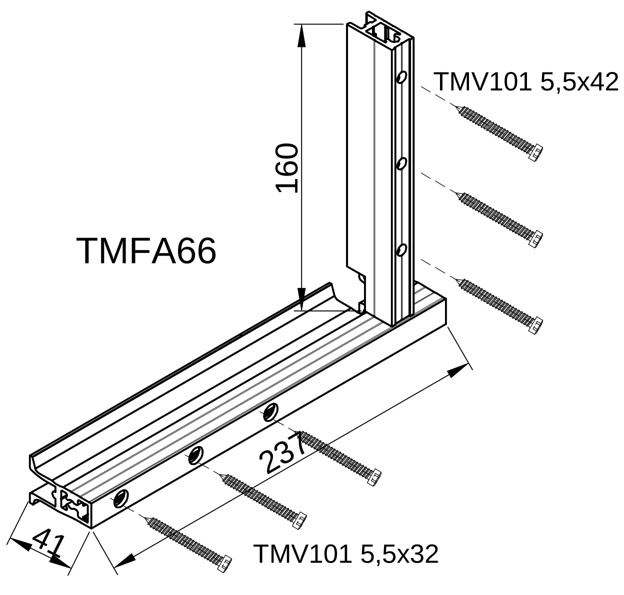

TMFA63
160
TMV101 5,5x42
41
TMV101 5,5x32
420
TMV101 5,5x32

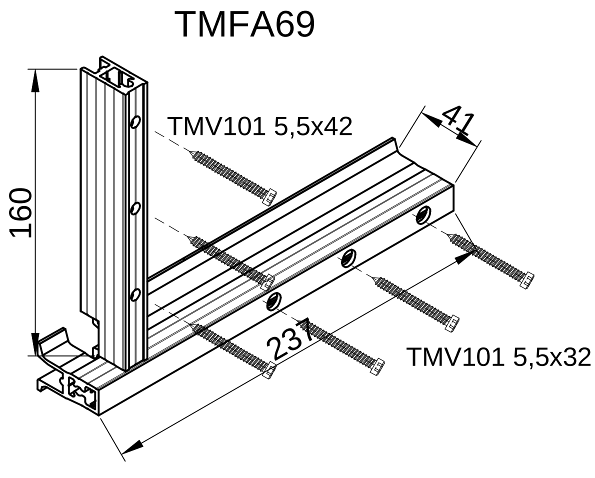

TMFA64
160
TMV101 5,5x42
237
68
TMV101 5,5x32


TMFA67
160
TMV101 5,5x42
68
237
TMV101 5,5x32

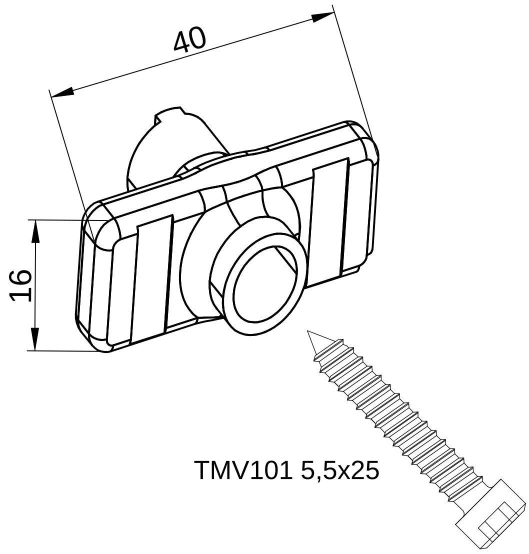

TMFA65
160
TMV101 5,5x42
237
53,5
TMV101 5,5x32

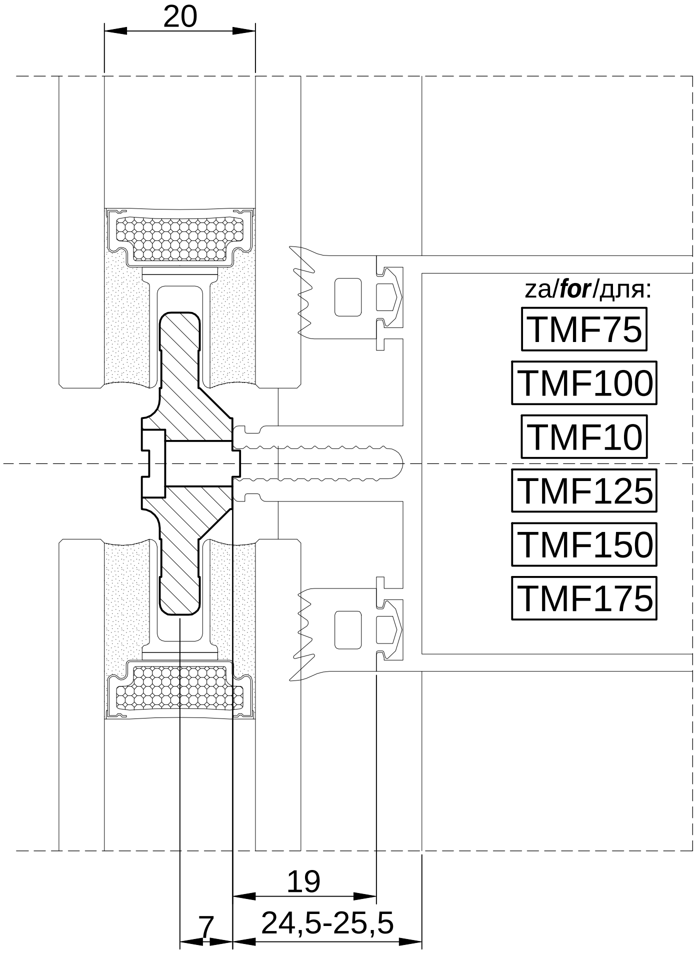

TMFA68
160
TMV101 5,5x42
53,5
237
TMV101 5,5x32


TMFA66
160
TMV101 5,5x42
237
41
TMV101 5,5x32


TMFA69
160
TMV101 5,5x42
41
237
TMV101 5,5x32

TMFA27





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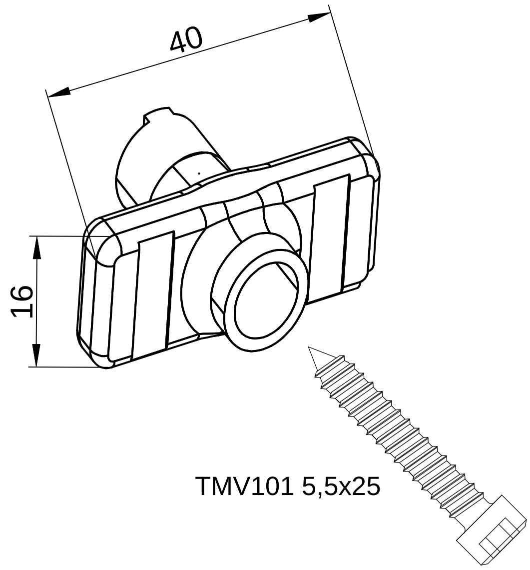

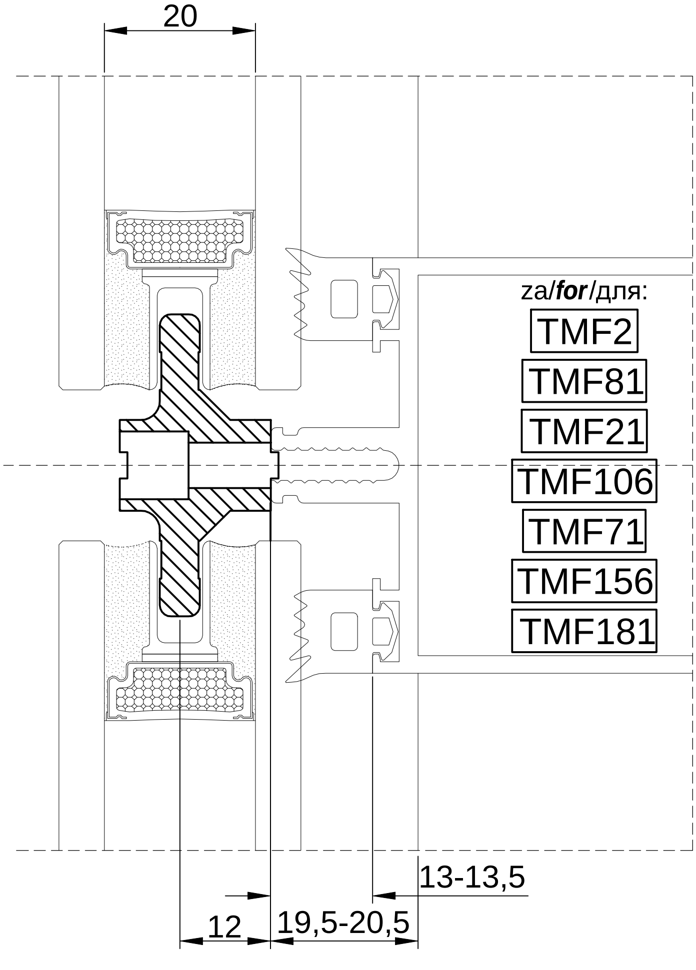

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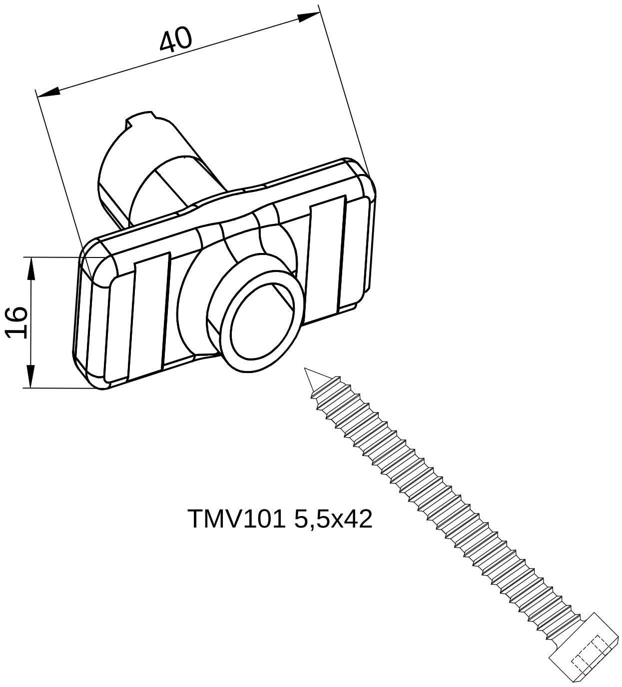

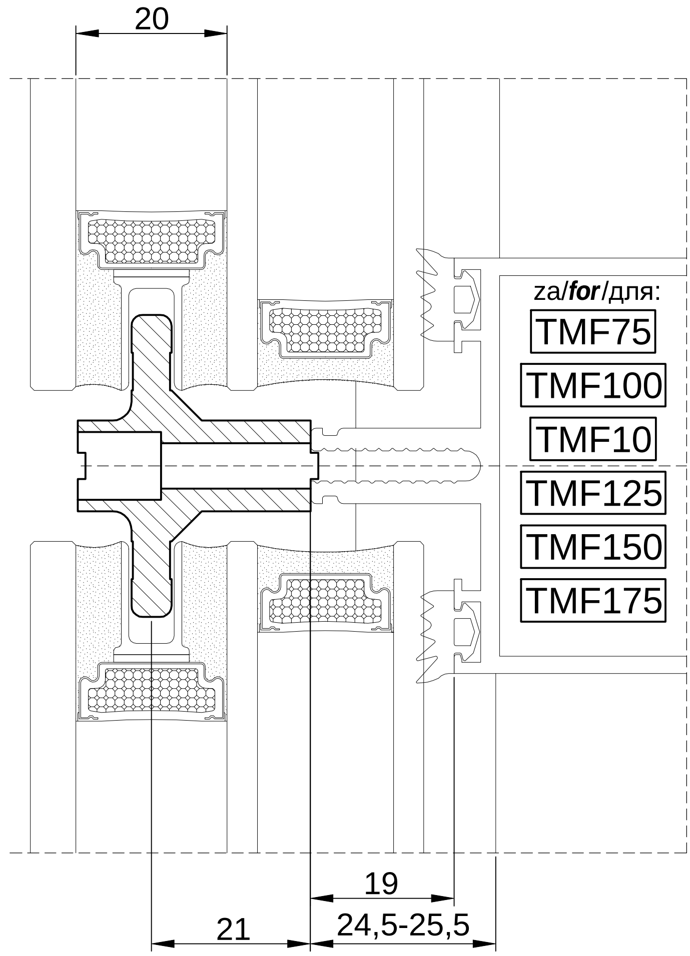

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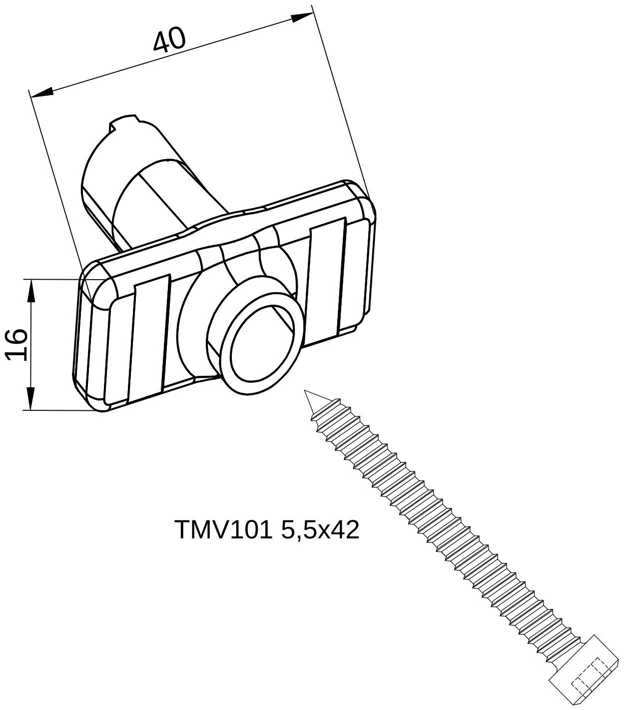

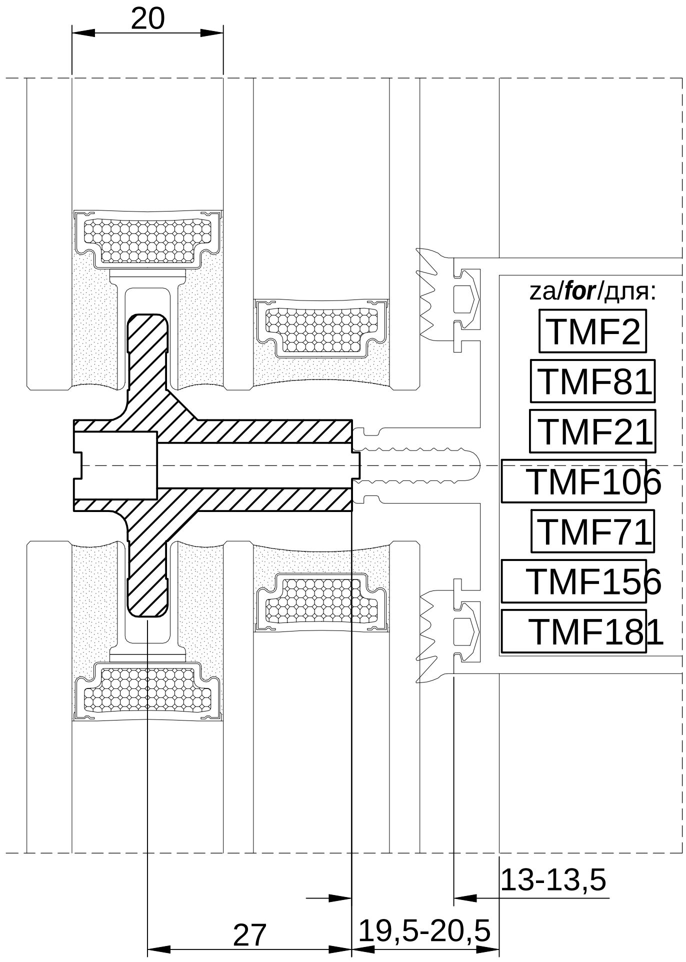

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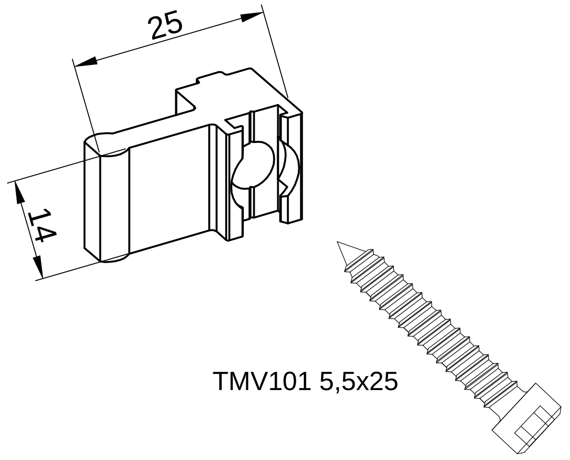

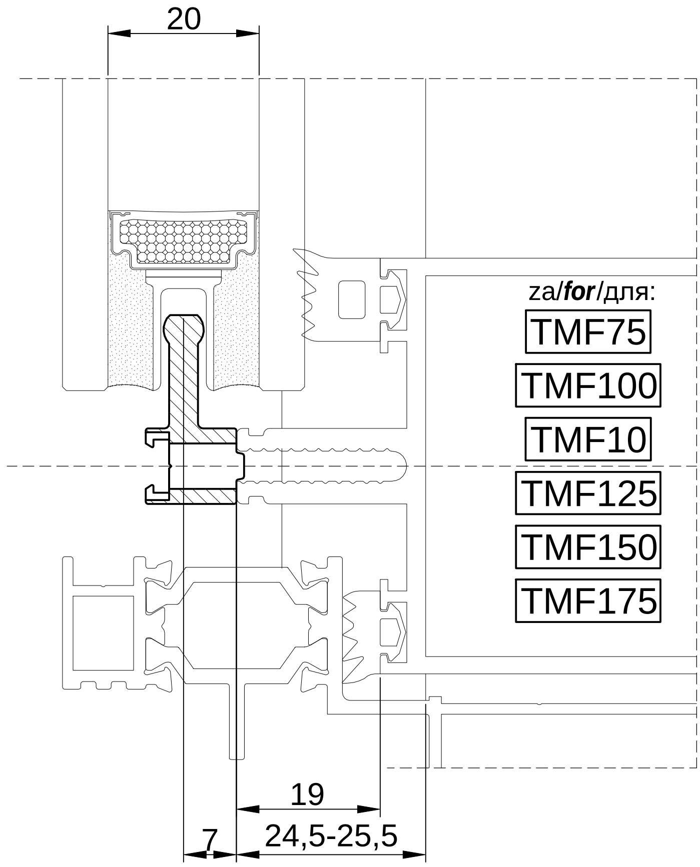

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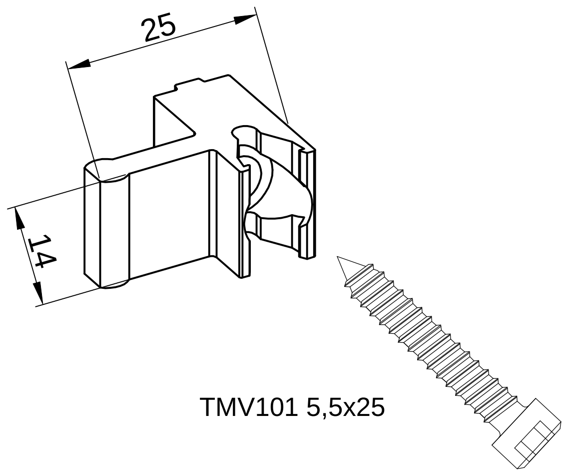

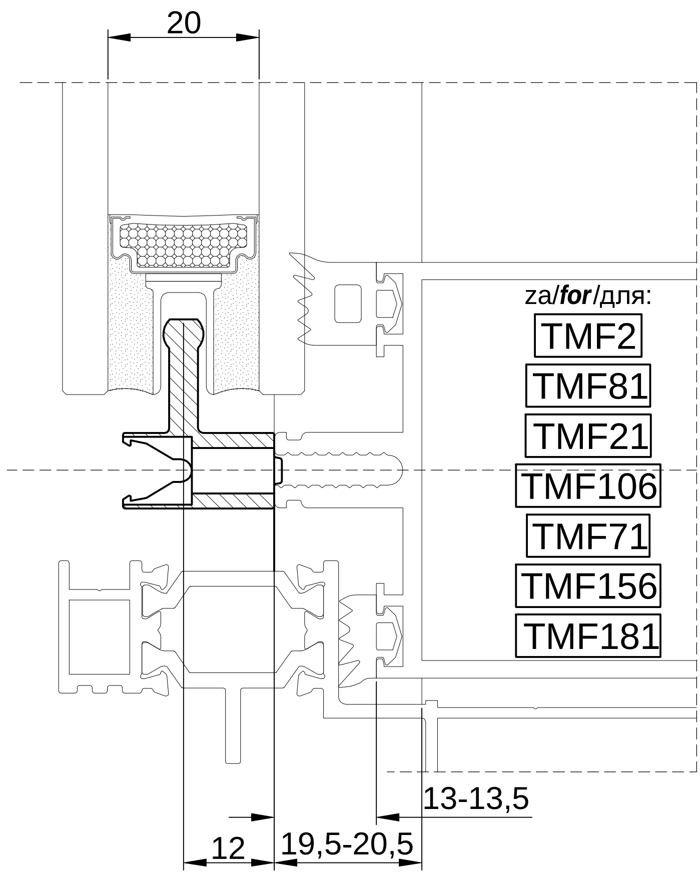

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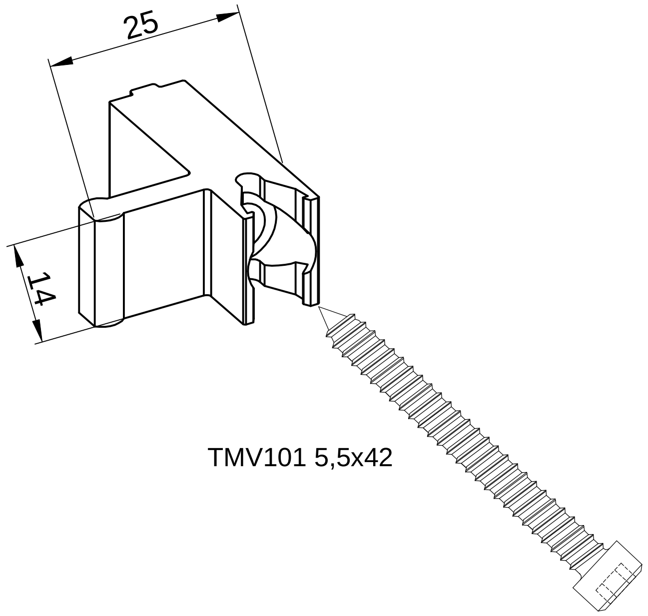

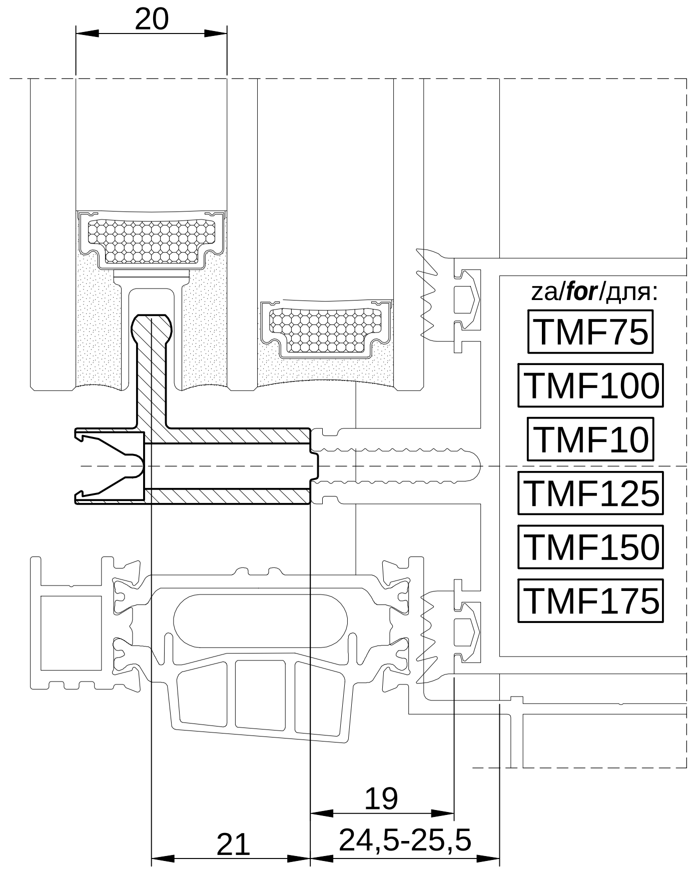

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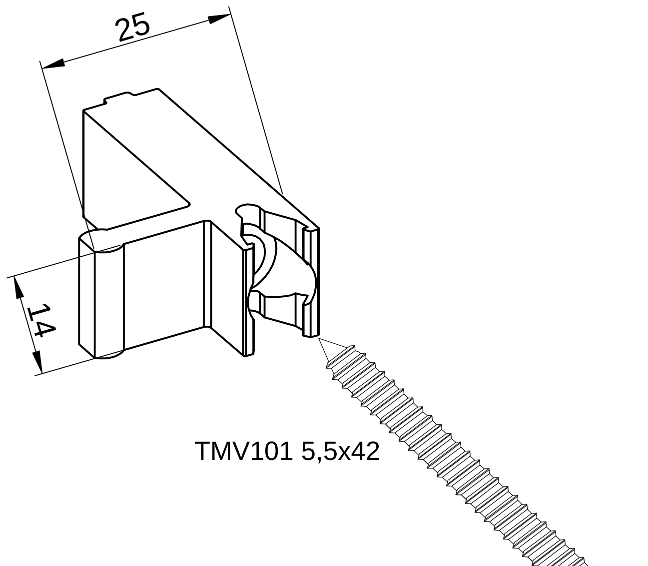

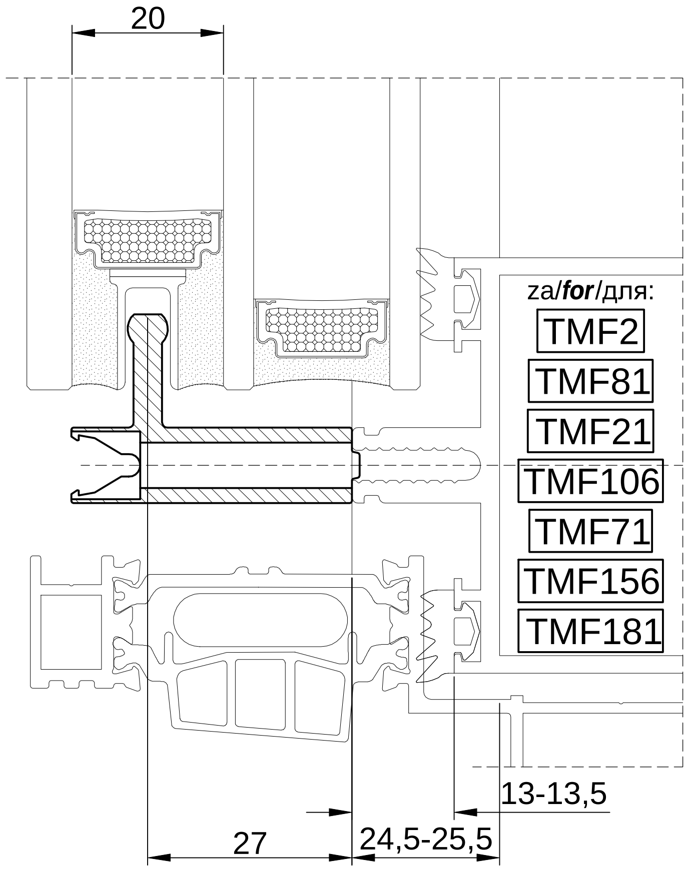

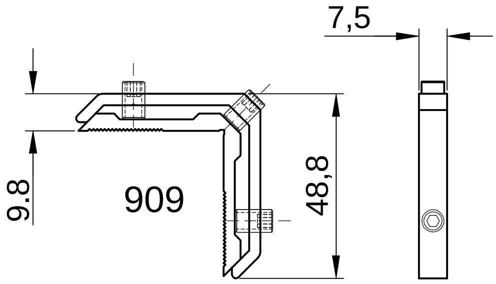

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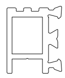

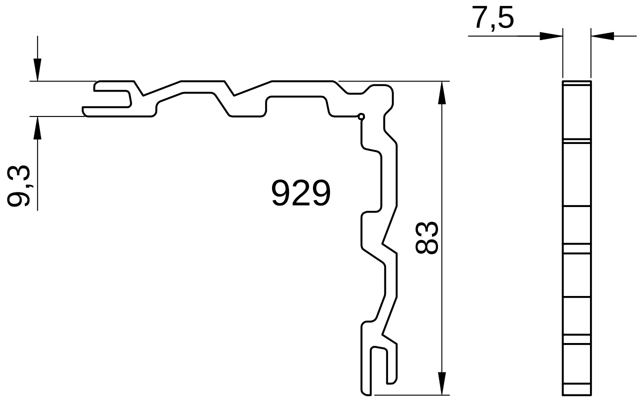

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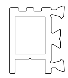

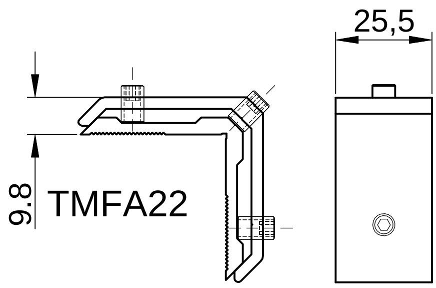

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TMF332
TMF333
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TMF334
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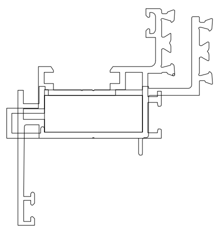
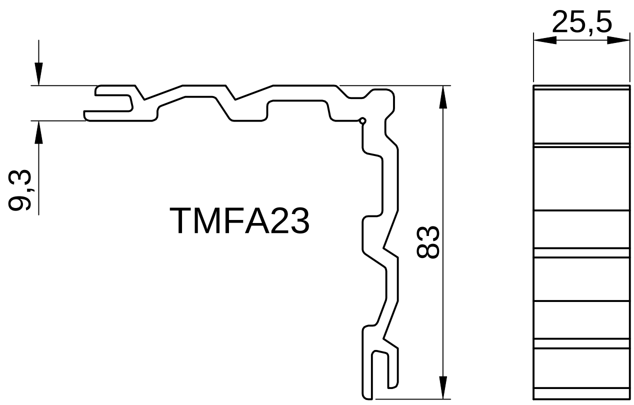
TMF353





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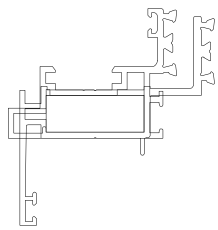

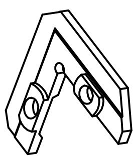

TMA17

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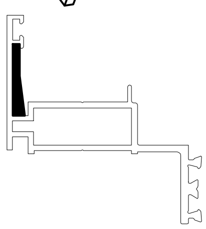
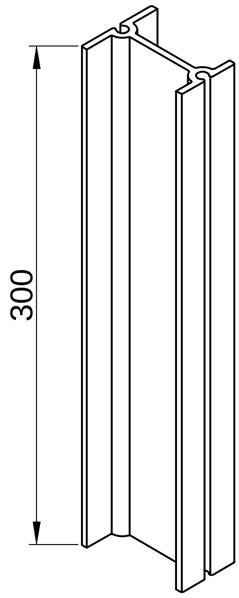


Spojnica u peru
Thorn clip
Клип в шипе

TMFK32



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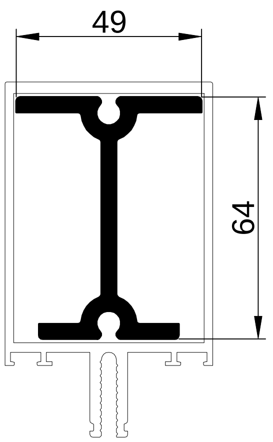

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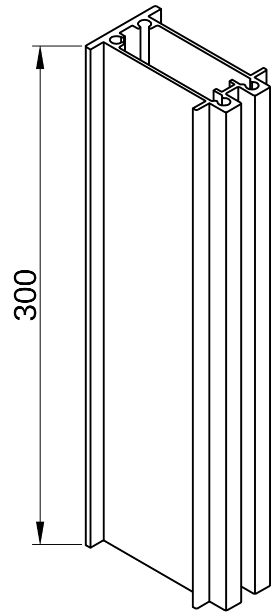

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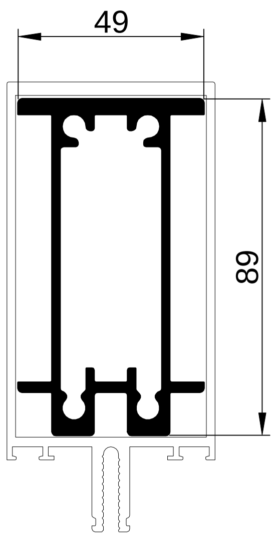

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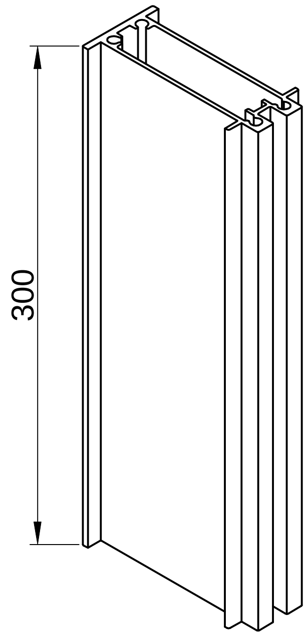

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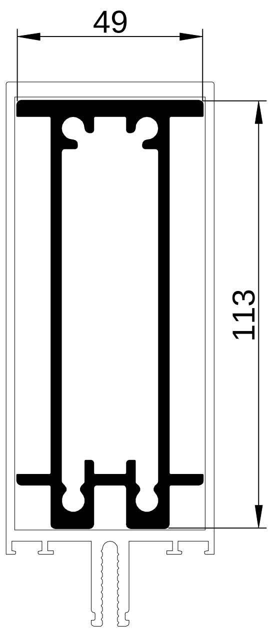

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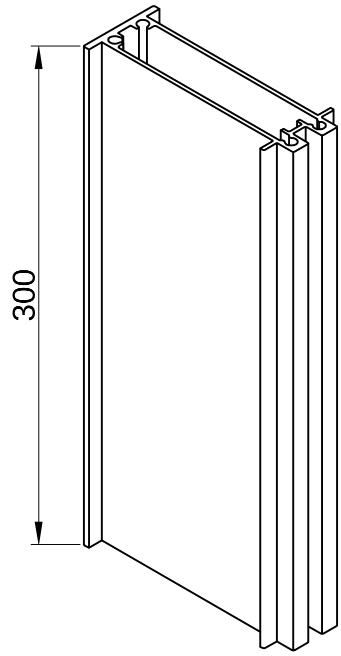

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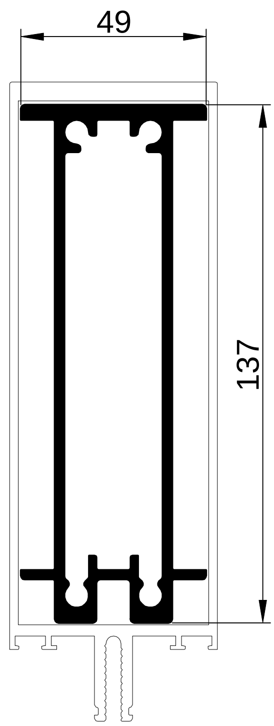

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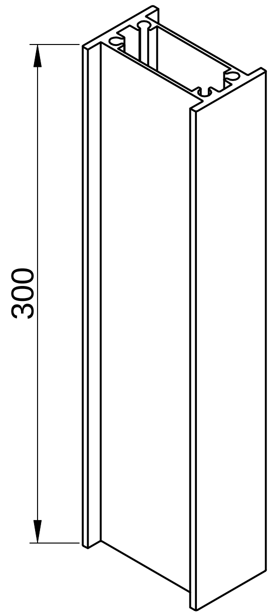

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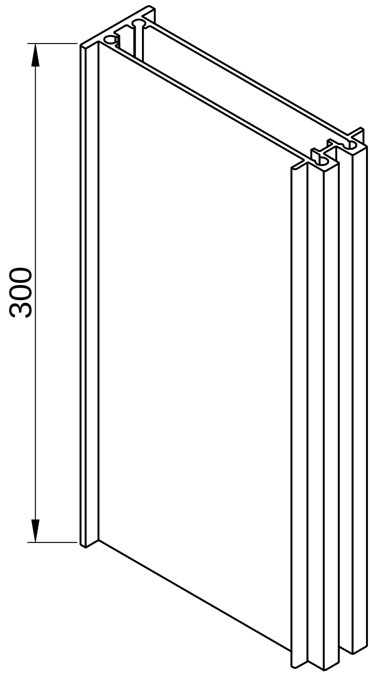

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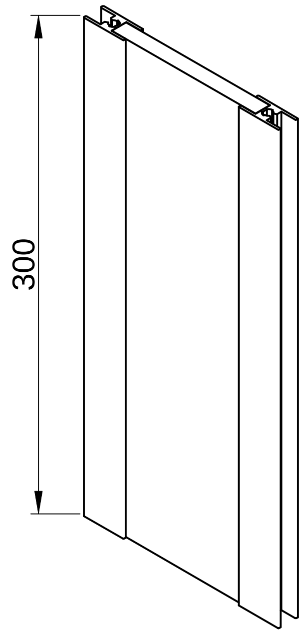

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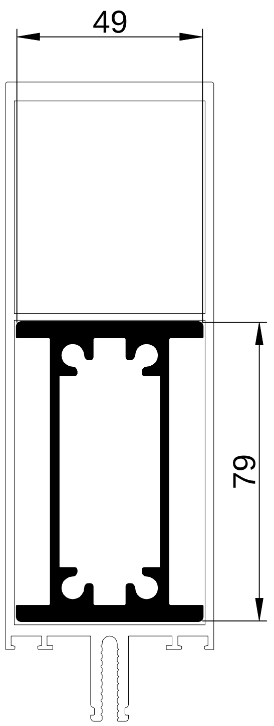

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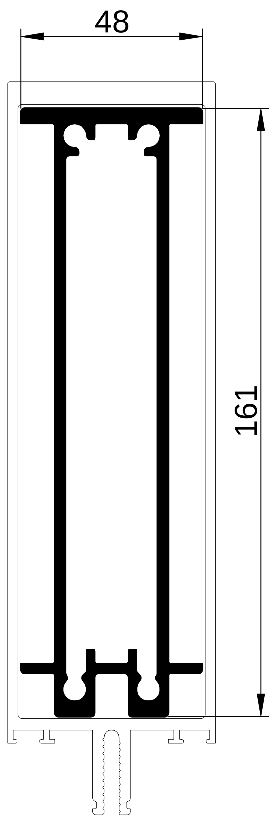

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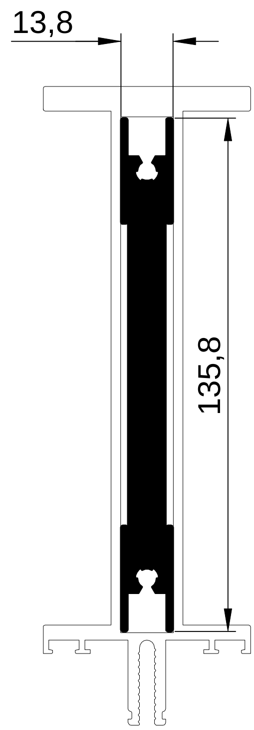

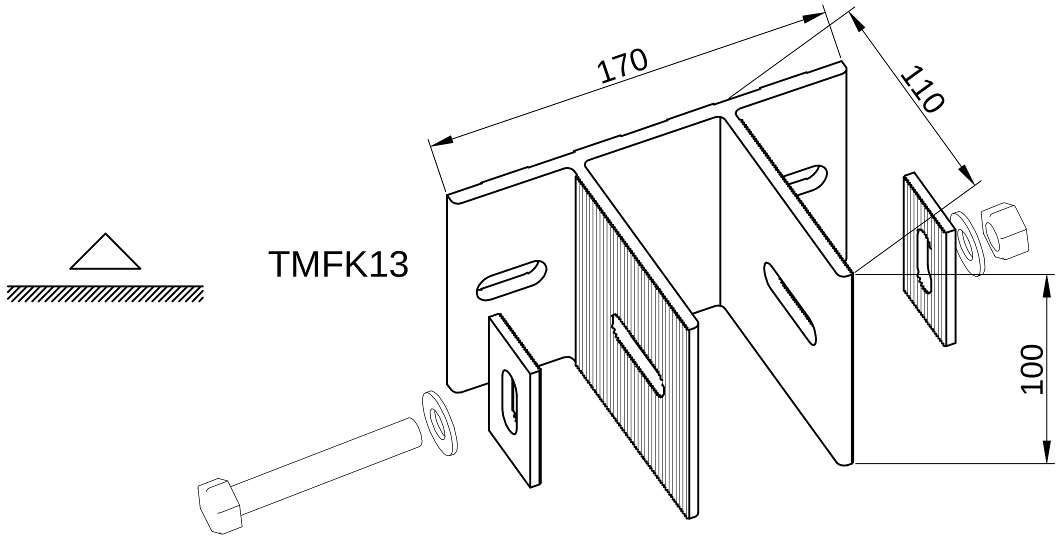
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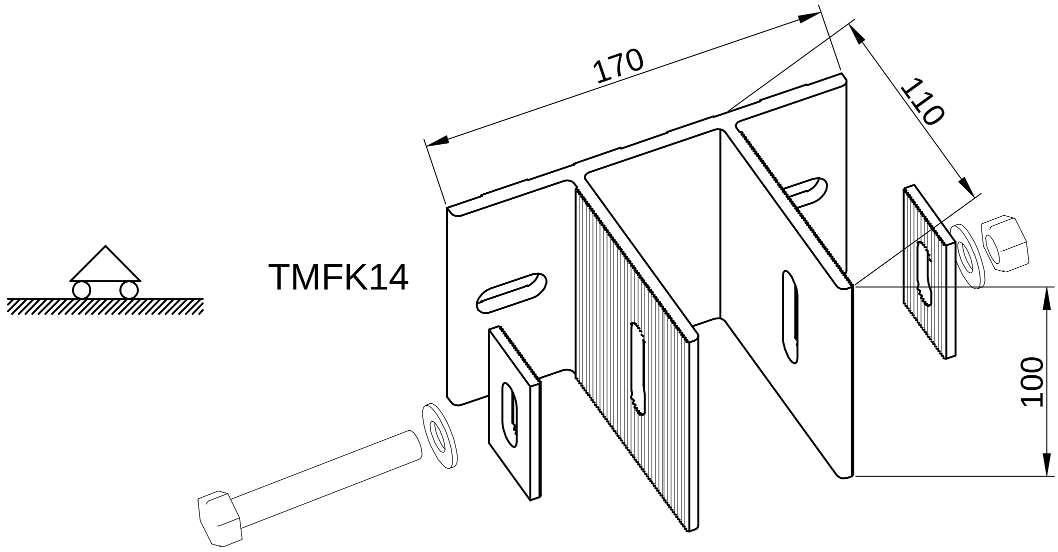
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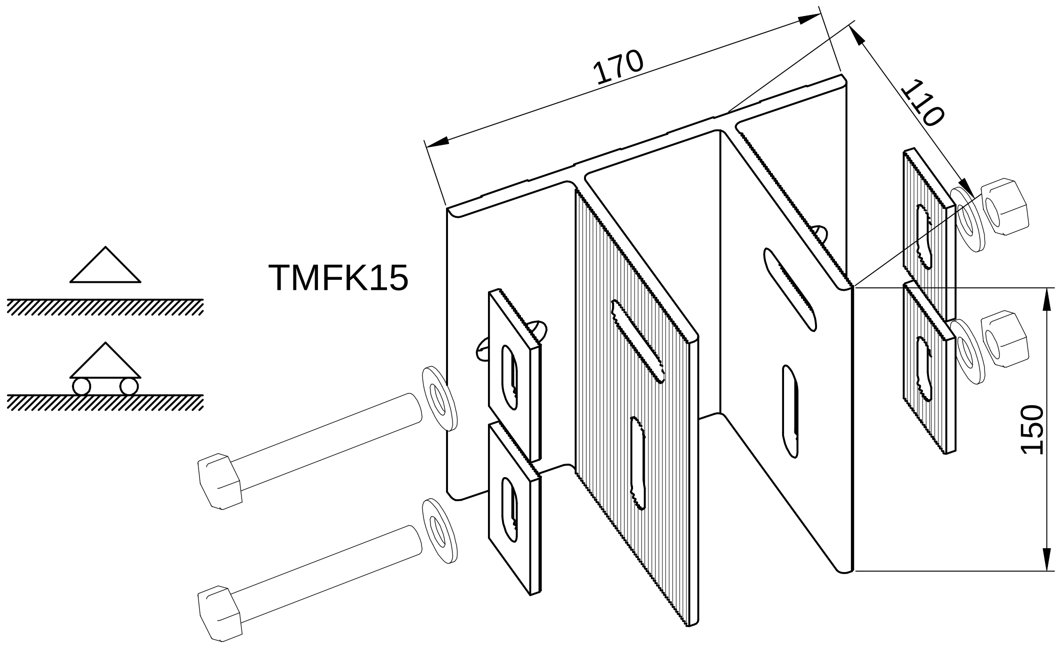
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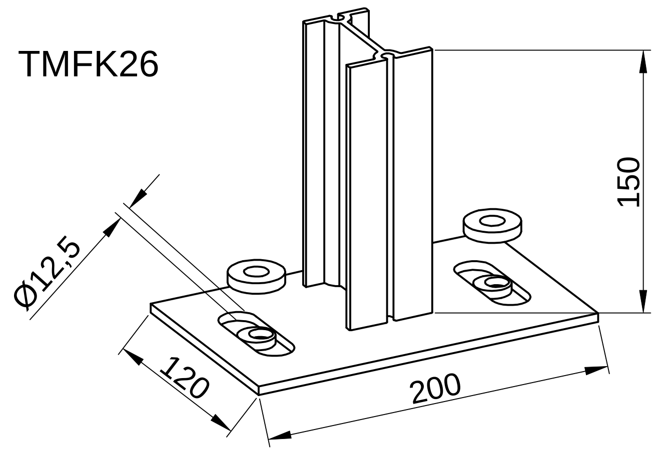
TMFK26



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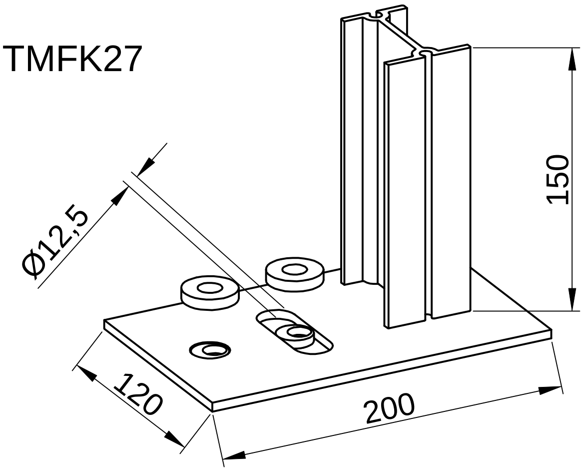

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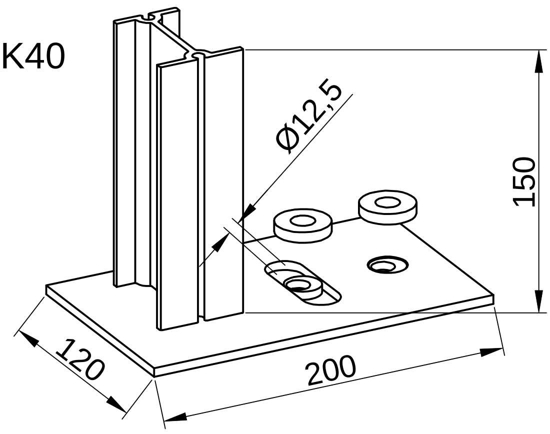

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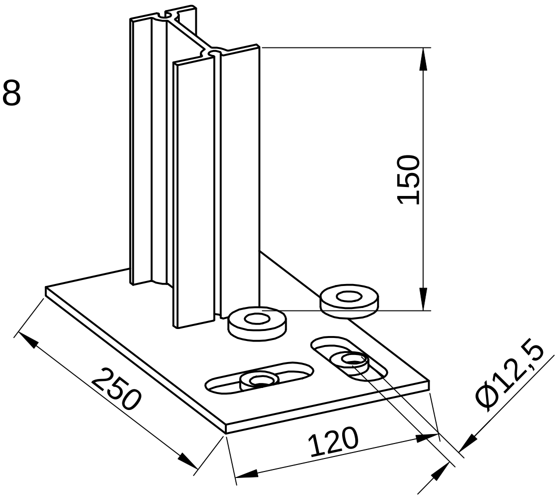

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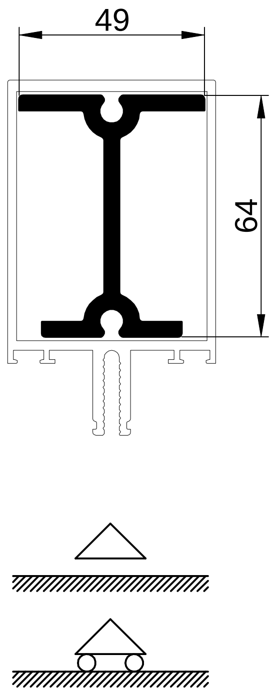

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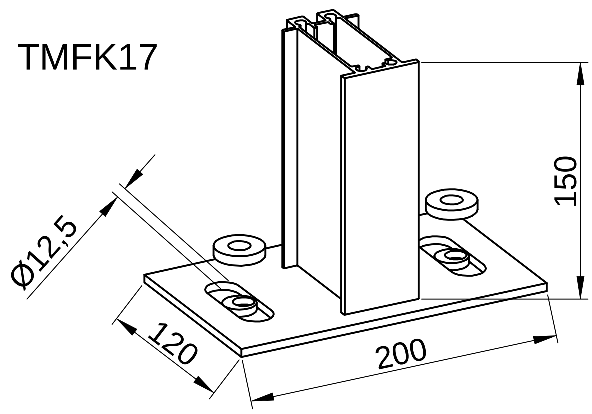

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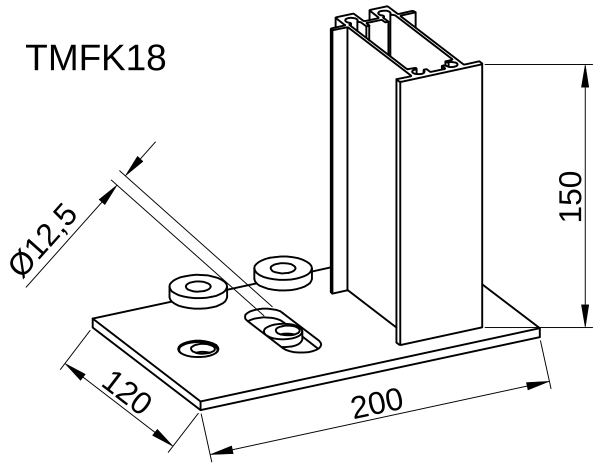

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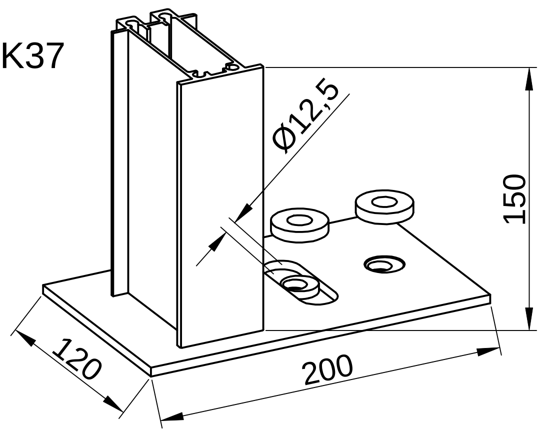

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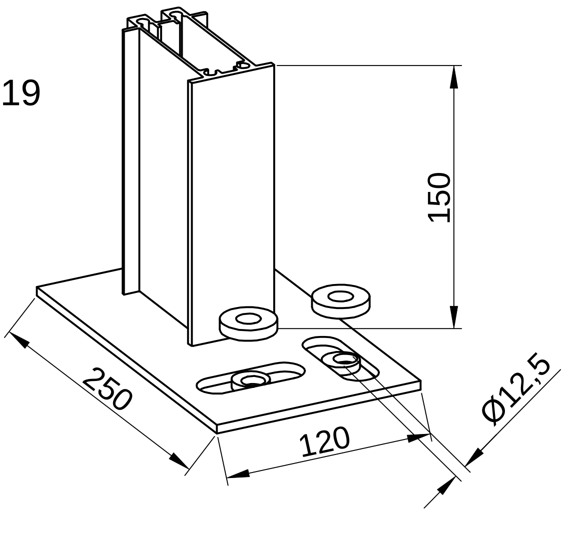

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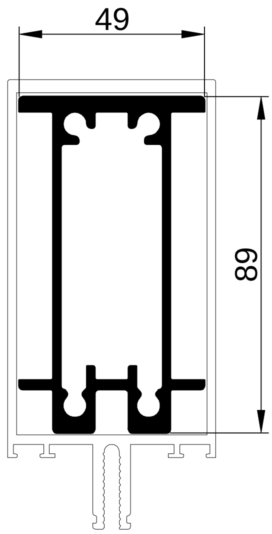

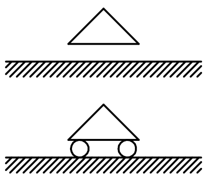

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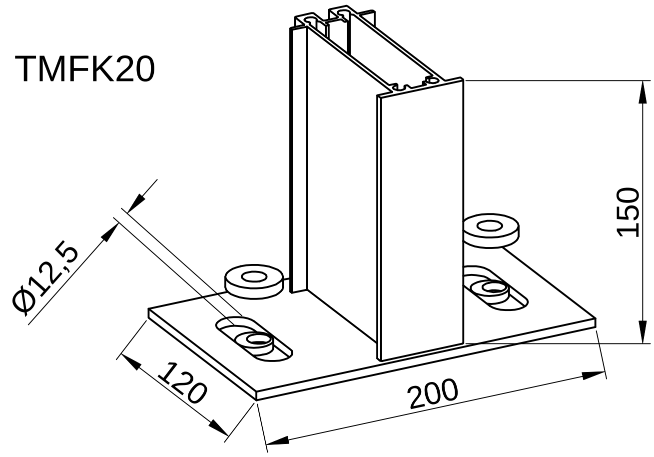

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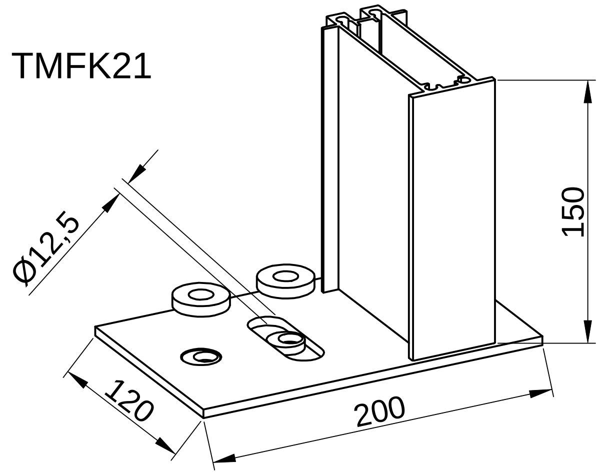

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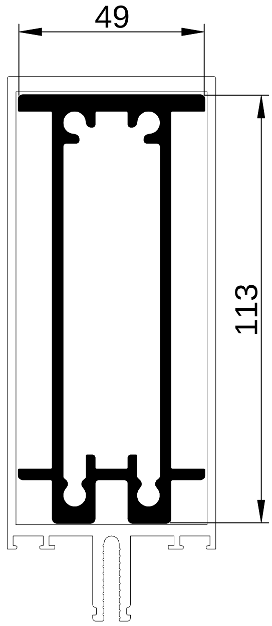

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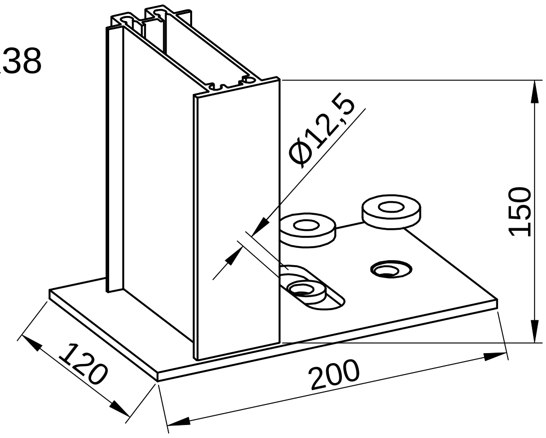

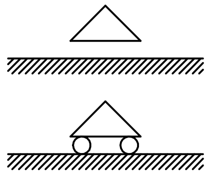

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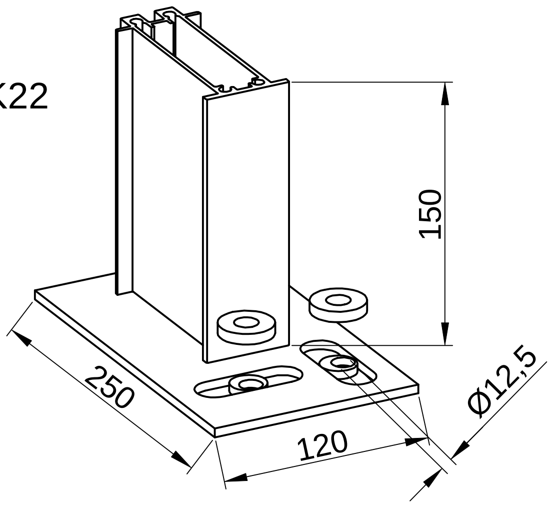

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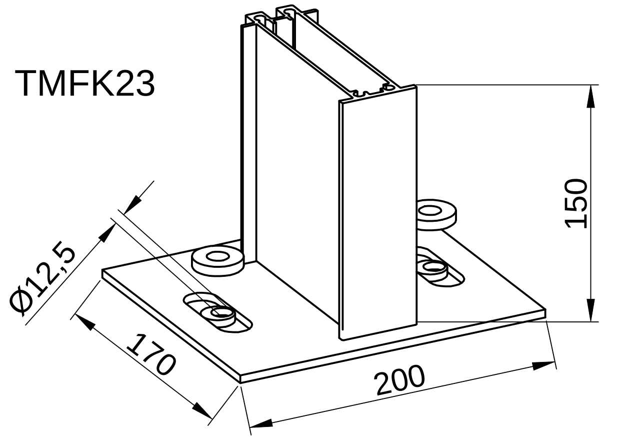

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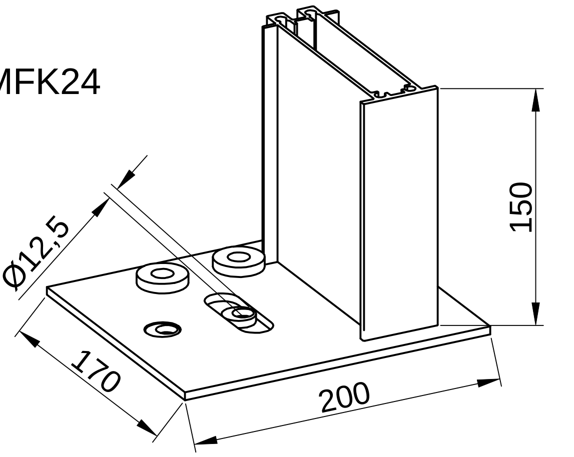

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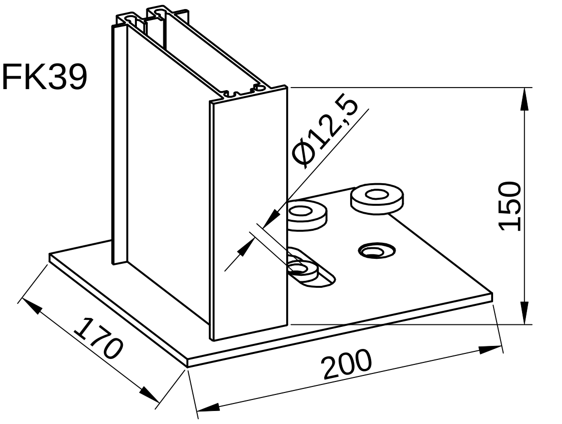

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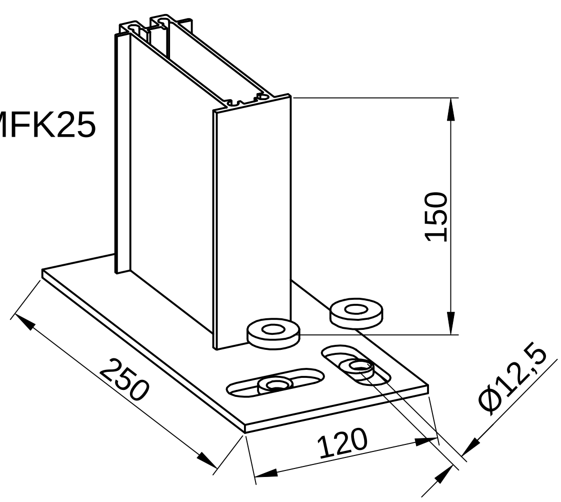

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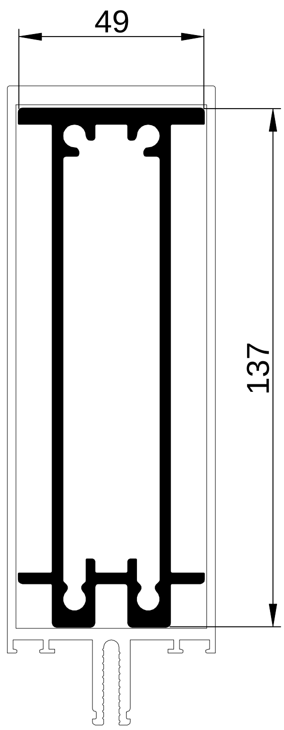

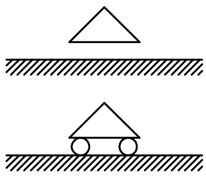

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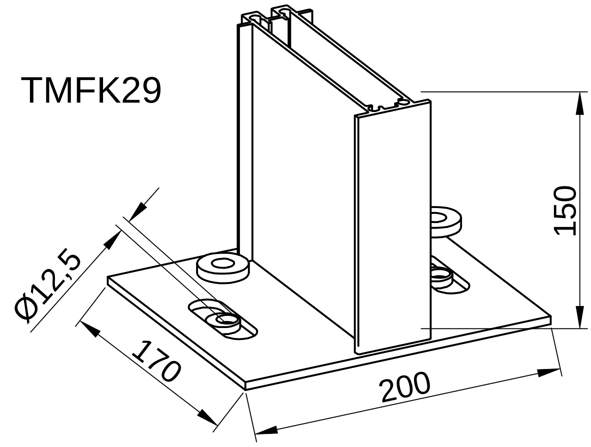

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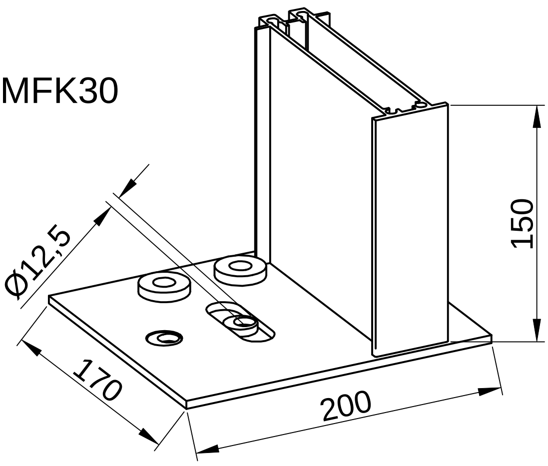

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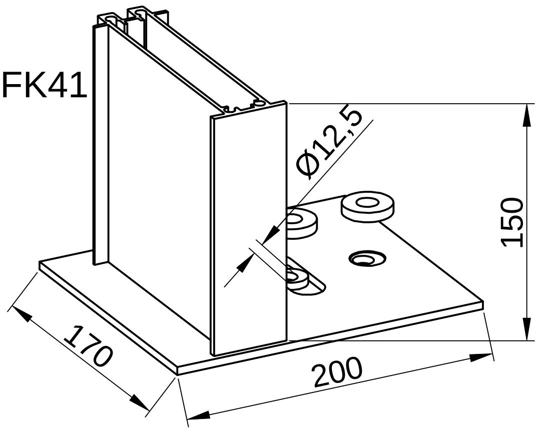

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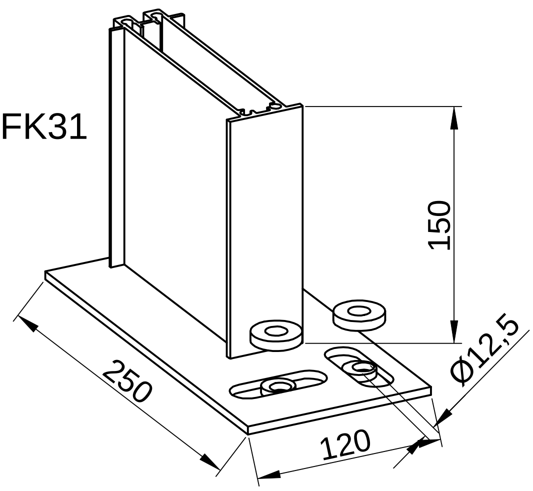

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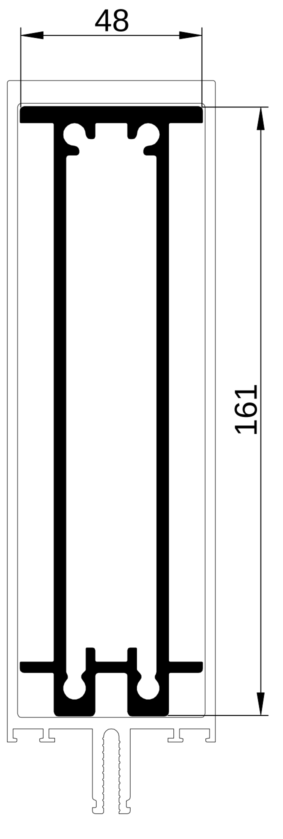
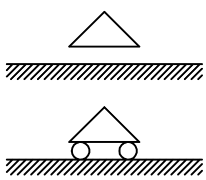
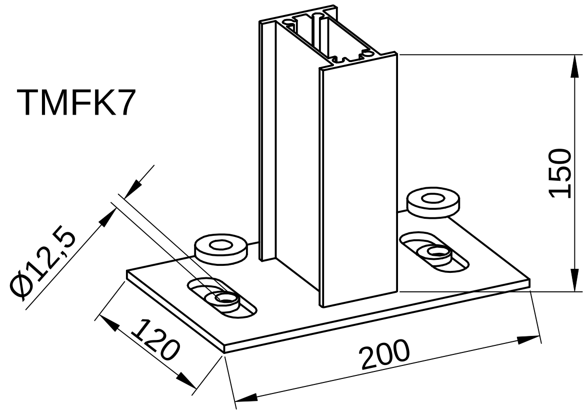




TMFK7



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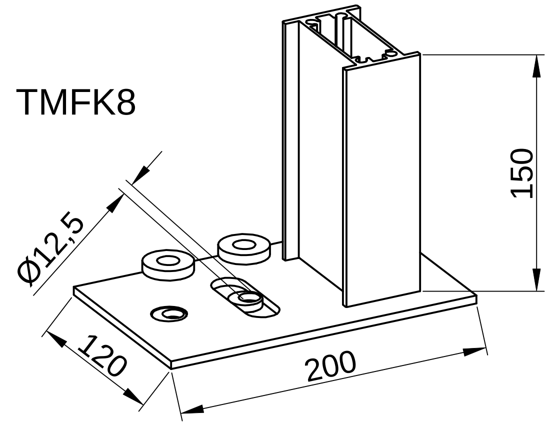

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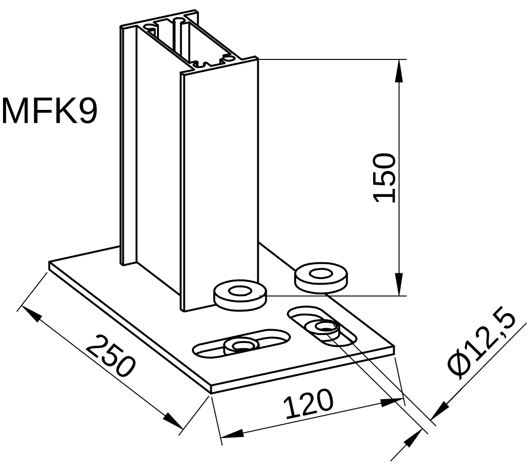

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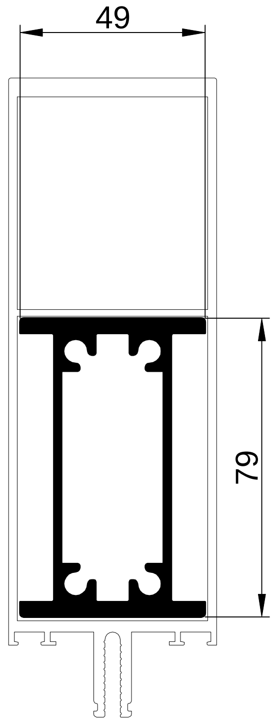

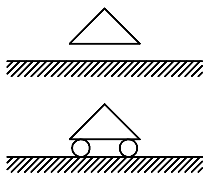

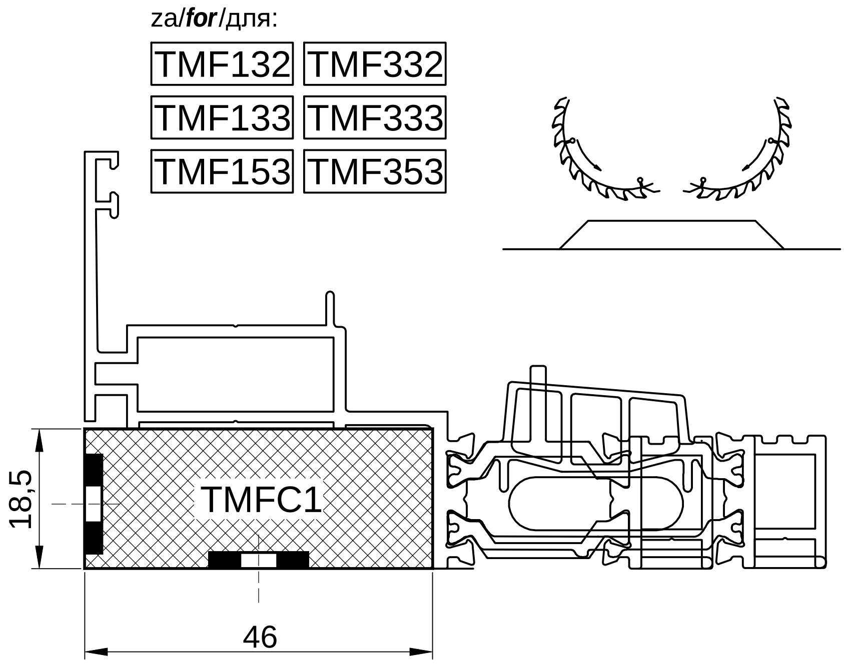
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TMF332
TMF133
TMF333
TMF153
TMF353
18,5
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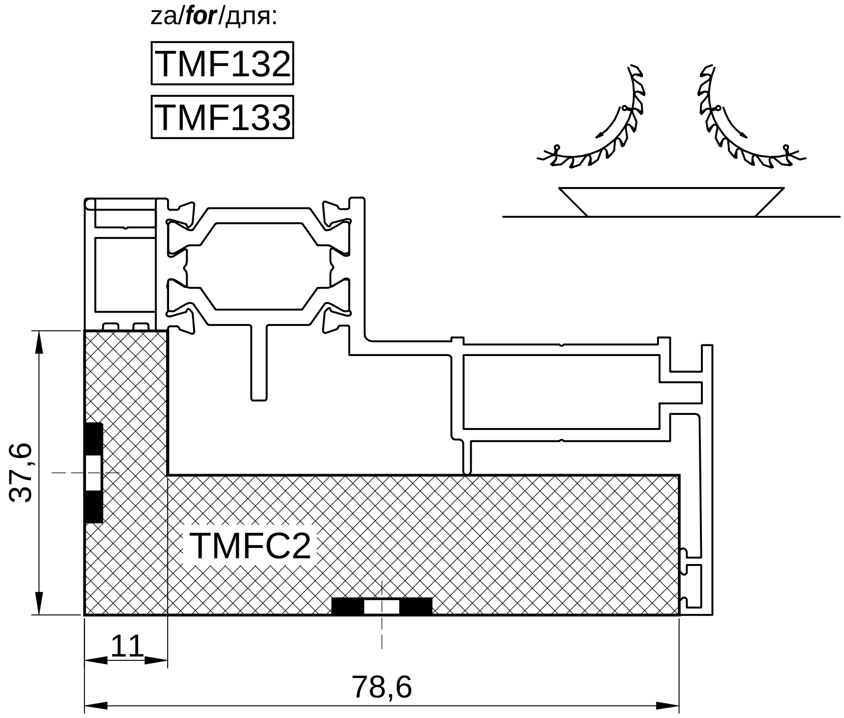
46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TMF132
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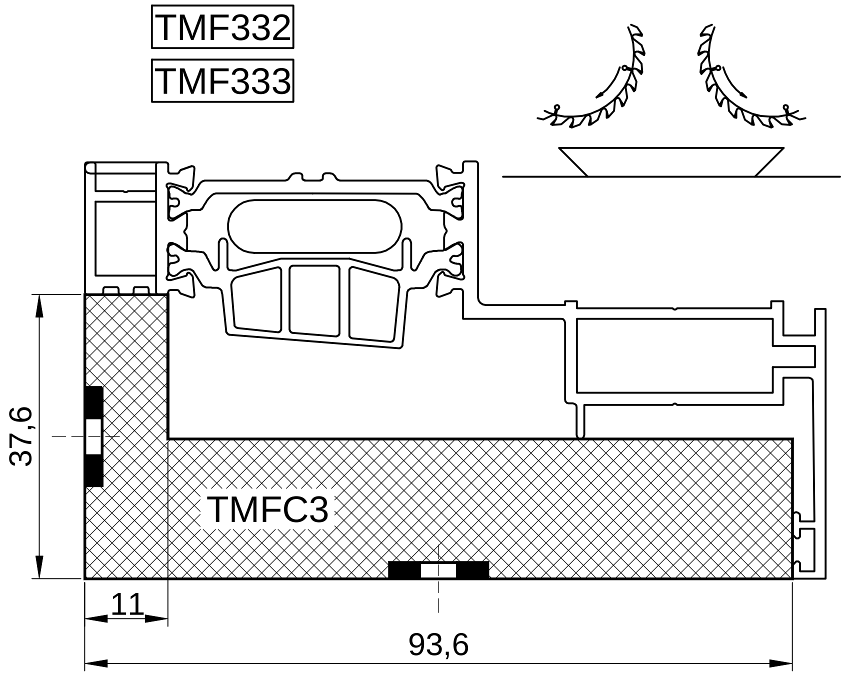
78,6

za/**for**/для:

TMF332

TMF333



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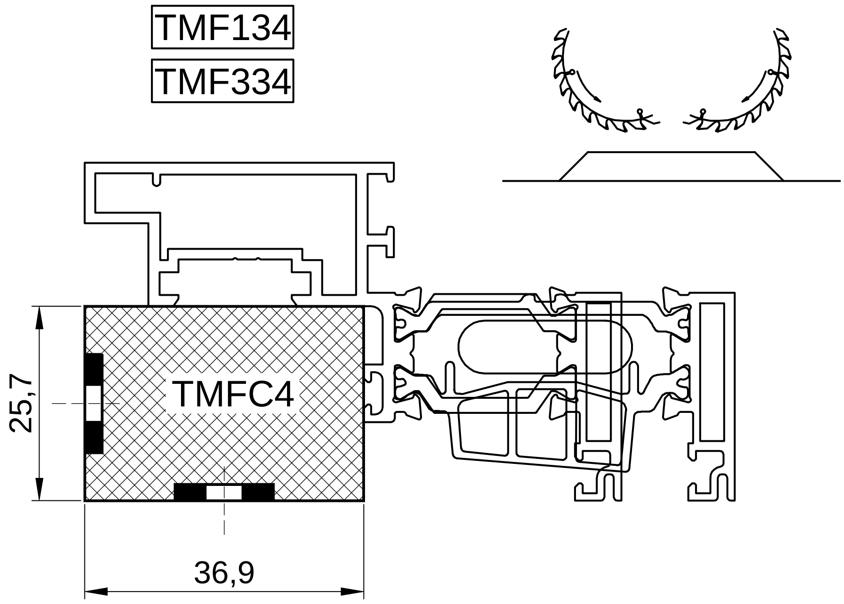
TMF334



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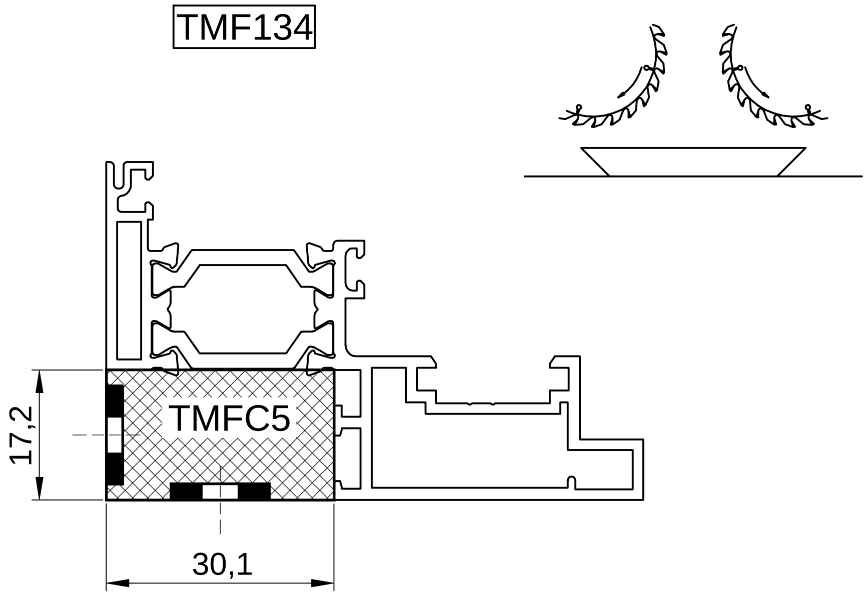

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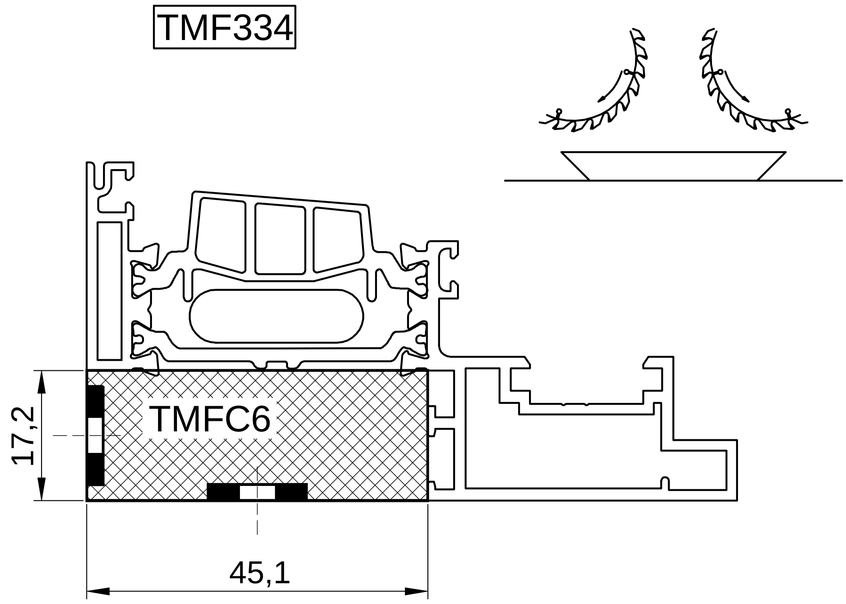

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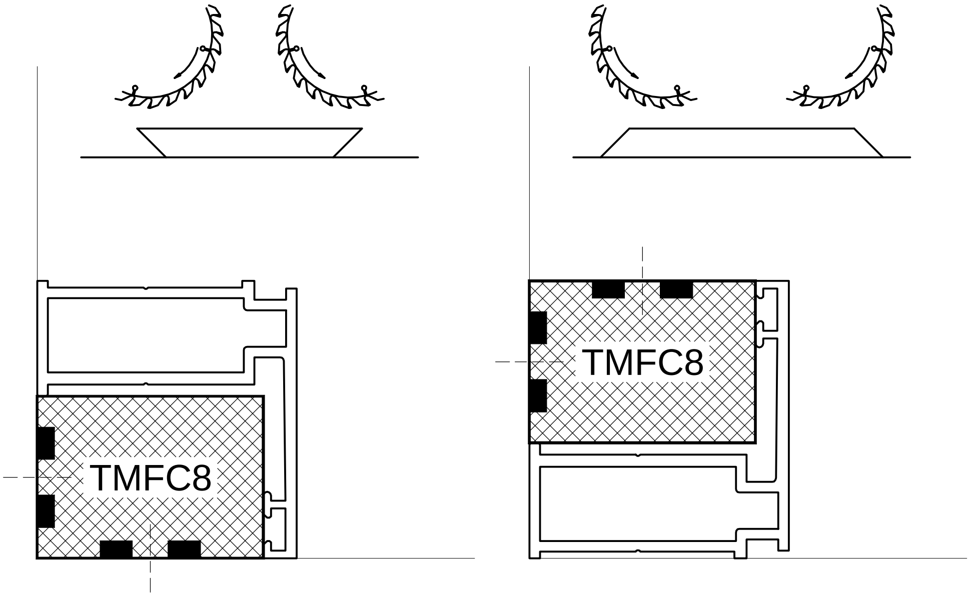

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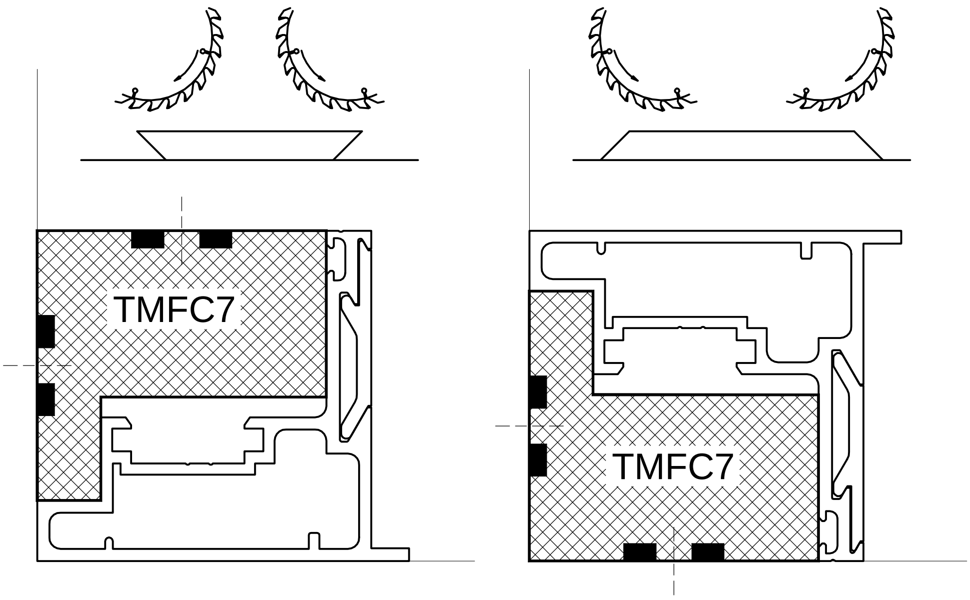
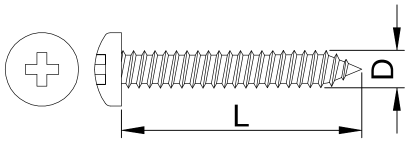


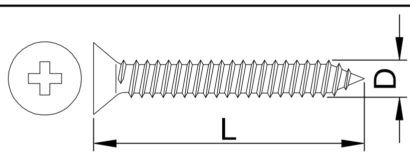
Nerđajući čelik - Standardno A2 - Na zahtev A4
Stainless steel - Standard A2 - On request A4
Н**ержавеющая сталь **-** Стандарт **A2 -** По запросу А**4

DIN 7981



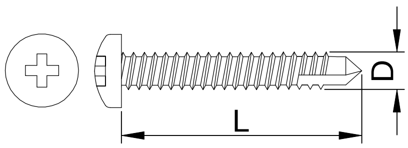
D	L(mm)
3,9	9,5 - 13 - 16 - 19 - 22 - 25 - 32
4,2	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60
4,8	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
5,5	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
6,3	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70

DIN 7982



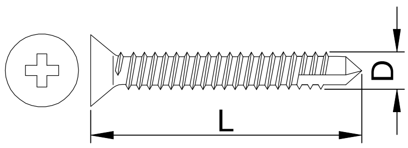
D	L(mm)
3,9	9,5 - 13 - 16 - 19 - 22 - 25 - 32
4,2	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60
4,8	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
5,5	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
6,3	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70

DIN 7504N



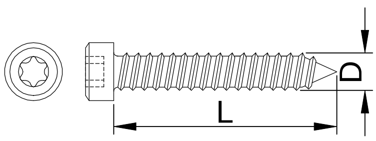
D	L(mm)
3,9	9,5 - 13 - 16 - 19 - 22 - 25 - 32
4,2	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60
4,8	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
5,5	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
6,3	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70

DIN 7504P



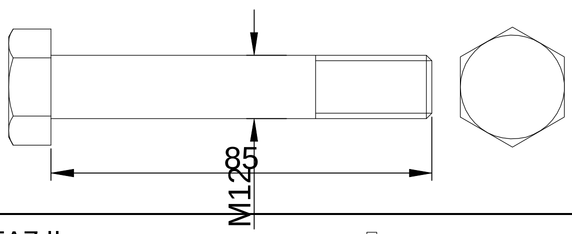
D	L(mm)
3,9	9,5 - 13 - 16 - 19 - 22 - 25 - 32
4,2	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60
4,8	9,5 - 13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
5,5	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70
6,3	13 - 16 - 19 - 22 - 25 - 32 - 38 - 45 - 50 - 60 - 70

TMV 101



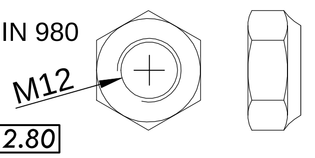
D	L(mm)
5,5	25 - 32 - 35 - 42 - 50 - 55 - 60 - 70 - 75

DIN 931



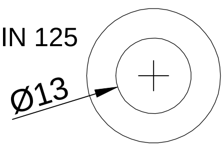
A2.80
A1.80

DIN 980

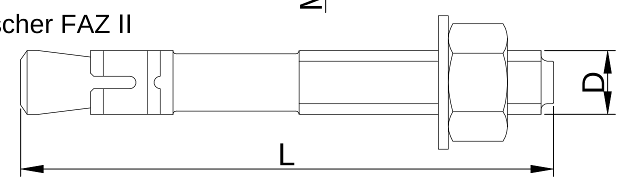


A2.80
A1.80

DIN 125

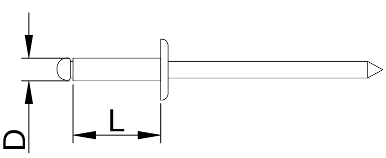


Fischer FAZ II

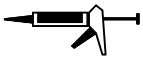
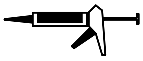
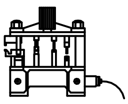
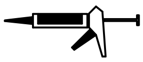
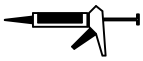


D	L(mm)
M8	75 - 95 - 115 - 165 - 225
M10	95 - 105 - 115 - 135 - 155 - 165 - 185 - 245
M12	110 - 120 - 130 - 150 - 160 - 180 -200 - 260

DIN 7337



D	L(mm)
3,2	6 - 8 - 10 - 12 - 14 - 16
4,0	6 - 8 - 10 - 12 - 14 - 16 - 18
4,8	8 - 10 - 12 - 14 - 16 - 18 - 20 - 25

Simbol ***Symbol*** Символ	Opis ***Description*** Описание	Proizvođač ***Manufacturer*** Производитель	Oznaka ***Mark*** Марк	Pak. ***Pack*** Упак.	Boja ***Color*** Цвет
	Lepak i zaptivna masa za alumijum ***Glue and sealent for aluminium*** Клей и герметик для алюминия	Reca	MS Polymer S78	310 ml	● ◉ ◍ ○
		Würth	MS Polymer 089322	310 ml	
	Lepak za spojnice ***Corner joint glue*** Клей для углового соединения	3M	Scotch weld poliuretane multi purpose adhesive 5005	310 ml	● ◉ ◍
	Lepak za gumu ***Gasket glue*** Клей для прокладки	3M	RT3500B	20 g	●
		Würth	189309631	20 g	
	Čistač ***Cleaner*** Средство для чистки	Reca	Arecal 0895410500	500 ml	
	Pneumatska presa ***Pneumatic press*** Пневматический пресс	Bisal	CS55 P1	1	
	Strukturalni silikon ***Structural silicone*** Структурная силиконавая	Dow Corning	Dow Corning 791	800 gr	●
	Strukturalni silikon ***Structural silicone*** Структурная силиконавая	Dow Corning	Dow Corning 993	800 gr	●

● Crno / ***Black*** / Черный
◉ Sivo / ***Gray*** / Серый
◍ Belo / ***White*** / Белый
○ Transparentno / ***Transparent*** / Прозрачный

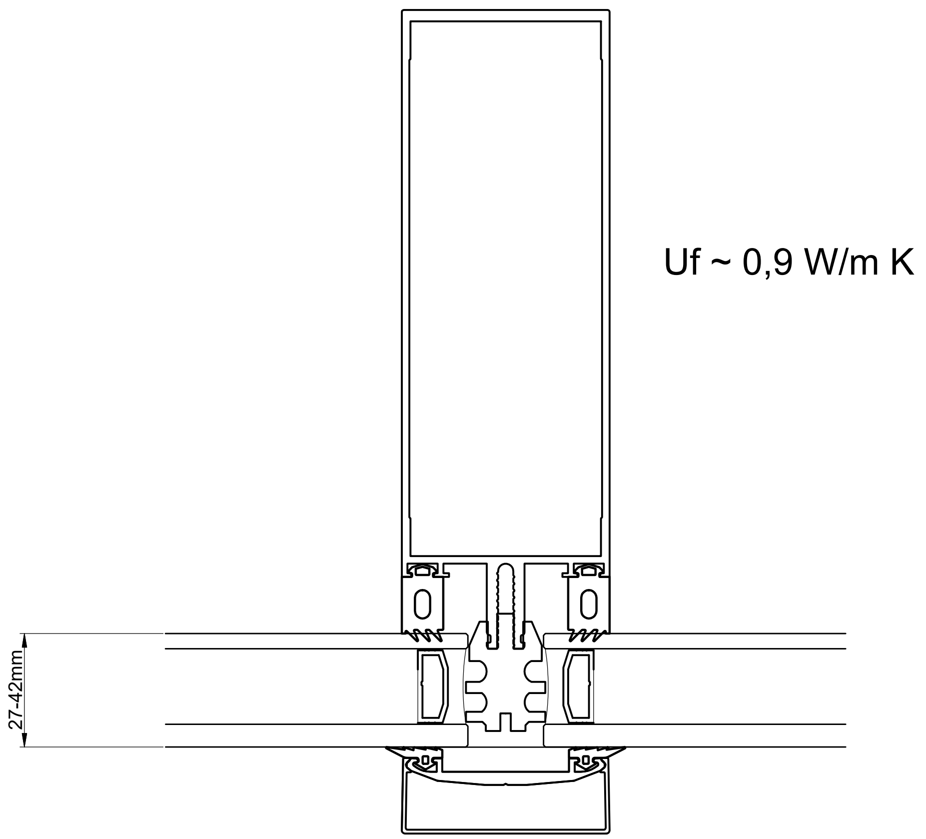
Sistem
System
Система

ALUMINIK CS55

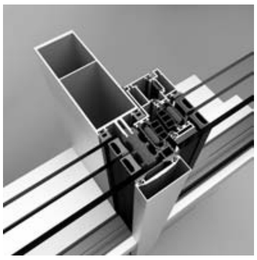
Kontinualna fasada
Continual facade
Непрерывный фасад

1

Dvoslojno ostakljenje
Double glazing
Двухкамерный стеклопакет



Pokrivna kapa
Cover cap
Торцевая крышка



Tehnički opis sistema

Sistem kontinualne fasade jedan je od tri iz serije ALUMINIK CS55 i predstavlja sistem aluminijumskih profila sa termičkim prekidom, specijalno projektovanih za proizvodnju staklenih fasada sa vidljivom širinom profila od 55mm. Sistem kontinualne aluminijumske ostakljene fasade odlikuje se jasno naglašenim horizontalnim I verikalnim profilima sa spoljnje strane fasade. Vidni profili predstavljaju pritisne i pokrivne kape koje fiksiraju staklene ispune za primarnu aluminijumsku konstrukciju fasade sačinjenu od aluminijumskih vertikalnih I horizontalnih profila. Sve opcije iz grupe sistema ALUMINIK CS55 namenjena su za izradu aluminijumskih ostakljenih fasada kao i krovnih lanterni min. nagiba od 10%.

- Aluminijumski profili su proizvedeni postupkom ekstruzije u pogonima Tehnomarket-a. Sirovina za proizvodnju profila je primarna legura aluminijuma sa oznakom AlMgSi0,5 (AA6063 i 6060) i zateznom čvrstoćom profila od minimalno 210KN/mm²
- Vidljiva širina profila iznosi 55mm, dok dubina može biti od 50 do 175mm u zavisnosti od statičkog proračuna
- Pažljiv odbir odgovarajućih materijala i efikasno konstruisan sistem omogućuju izuzetno dobre izolacione vrednosti koje idu od Uf~0,7 W/m²K (u opciji troslojnog paketa stakla)
- Sistem omogućuje korišćenje jednoslojnih (6-12mm), dvoslojnih (28-41mm) i troslojnih (47-60mm) staklenih paketa i drugih odgovarajućih materijala
- Sistem poseduje namenske alumijumske profile za povećanje momenta inercije čime je moguće postići Ix > 1100 cm4 za premošćavanja i najvećih rastera, a bez uvođenja sekundarne čelične konstrukcije
- Otvarajući elementi su integrisana strukutralna krila sa otvaranjem oko gornje horizontalne osovine ili paralelno sa fasadnom ravni kako bi se izbeglo vidno pozicioniranje otvarajućih krila u odnosu na fiksna polja
- Sistem nudi mogućnost integrisanja klasičnih okretno nagibnih prozora, balkonskih ili ulaznih vrata, kao i automatskih klizna ili klizno-zaokretnih vrata
- Debljina termoizolacione ispune u zoni parapeta se kreće od 50mm pa do 175mm, dok se u opciji sa jednostrukom staklenom ispunom ne koristi dodatna izolacija
- Postoji više dizajnerskih opcija pokrivnih kapa radi postizanja jedinstvenih efekata u završnom izgledu objekata: pravougaone, ovalne, naglašene ili polustrukturalne vizure

ALUMINIK CS55 continual

Technical description

Continual facade is a part of ALUMINIK CS55 glass facade line of three distinctive systems. It features thermal break and visible profile width of 55mm. The system's trademark are visibly emphasized outer profiles, both horizontal and vertical. These visible profiles are actually pressure plates and cover caps used to attach glazing panes to load barring facade structure that consists of horizontal mullion and vertical transom aluminium profiles. All variations of ALUMINIK CS55 aluminium profile system group are suitable for curtain walls and glass roof skylights (minimal slope 10%)

• Aluminium profiles were manufactured in Tehnomarket's own extrusion factory. The raw material used is primary aluminium alloy AlMgSi0.5 (AA6063 and AA 6060) with minimum tensile strength of 210KN/mm².

• Visible profile width is 55mm, while installation depth varies from 50 do 175mm depending on depending on the required, calculated moment of inertia

• Careful selection of appropriate materials and efficiently constructed system brings exceptional insulation properties that go up to Uf~0,7 W/m²K (with triple glazing options)

• The system allows the usage of single(6-12mm), double (28-41mm) and triple (47-60mm) glass packages and other appropriate materials

• There are specially designed aluminium profiles that improve system's moment of inertia up to Ix > 1100 cm4 for installation of large facade units without usage of additional steel substructure

• Opening units of the facade are structural glazed sashes with two opening options: revolving around upper horizontal axis or parallel with facade plane in order to avoid visible differentiation between fixed and opening units

• The system supports integration of standard tilt&turn windows, balcony, entry and automated sliding or slide-revolving doors

• Spandrel panels are designed with single layer ventilated panel and additional profiles for different options of thermal insulation (supported thickness from 50mm to 175mm)

• There are numerous shapes and designs of cover caps available: rectangular, oval, aero and other shapes that allow for different visual appearance of the facade

Техническое описание системы

Система неперерывной фасады является одной из трех в серии ALUMINIK CS55 и представляет собой систему алюминиевых профилей с термическим разрывом, специально разработанную для производства стеклянных фасадов с шириной профиля 55 мм. Система континуального алюминиевого остекления отличается четко выраженными горизонтальными и вертикальными профилями на внешней стороне фасада. Видимые профили представляют собой зажимеые и накрывочные шляпы, которые фиксируют стеклянное заполнение для несущую алюминиевую конструкцию из алюминиевых вертикальных и горизонтальных профилей. Все варианты из группы систем ALUMINIK CS55 предназначены для производства алюминиевых глазурованных фасадов, а также для крышных фонарей. наклон от 10%.

• Алюминиевые профили производятся методом экструзии на заводах Техномаркета. Сырьем для производства профиля является первичный алюминиевый сплав с маркировкой AlMgSi0.5 (AA6063 и 6060) и прочность на растяжение профиля минимум 210 KN /mm2

• Видимая ширина профиля составляет 55 мм, а глубина может быть от 50 до 175 мм в зависимости от статического бюджета

• Внимательный подбор подходящих материалов и эффективно разработанная система обеспечивают очень хорошие значения изоляции от Uf~0,7 W/m?K (в трехслойной упаковке стекла)

• Система позволяет использовать однослойную (6-12 мм), двухслойную (28-41 мм) и трехслойную (47-60 мм) стекляных упаковок и других подходящих материалов

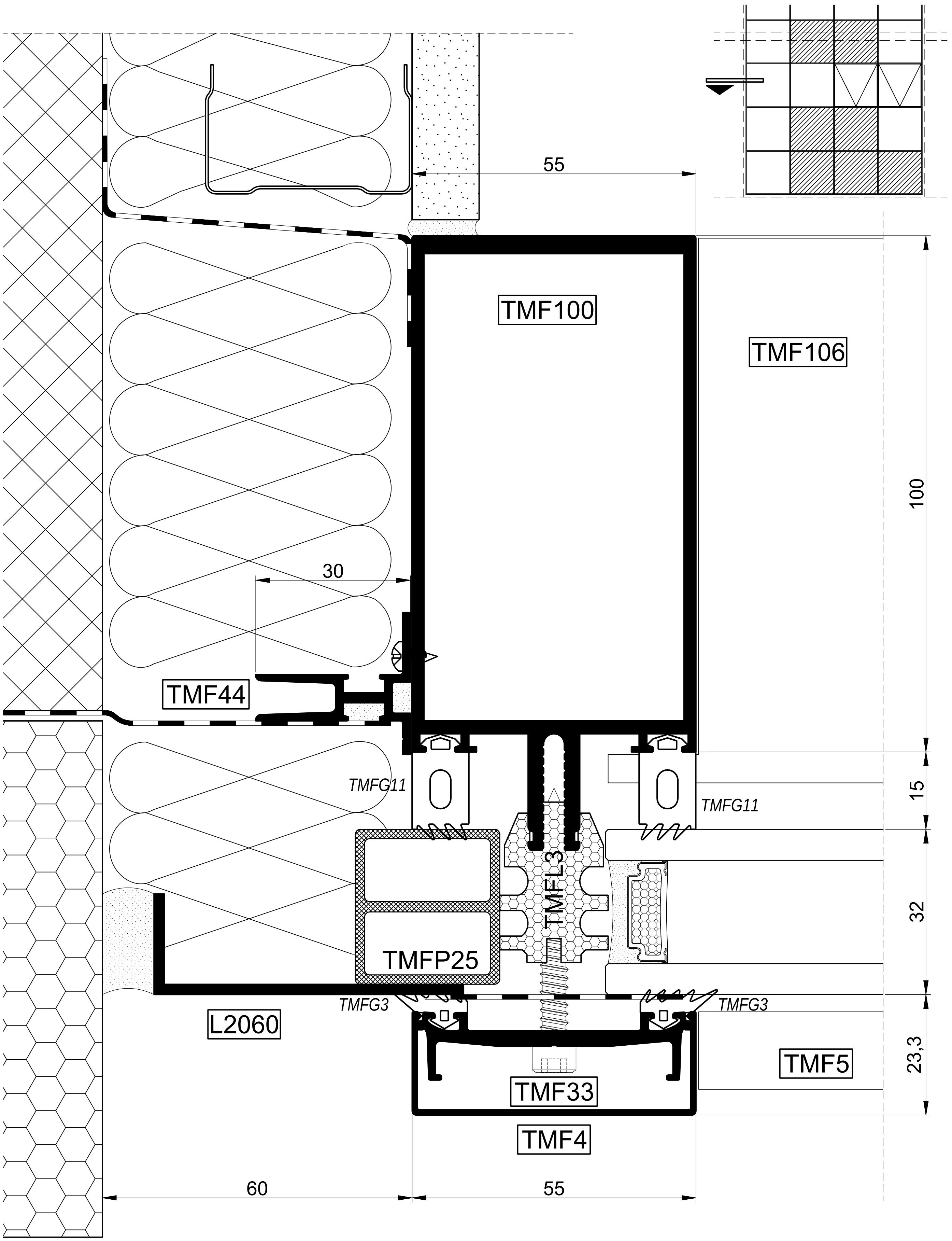
• Система имеет выделенные алюминиевые профили для увеличения момента инерции, что позволяет достигать Ix> 1100 cm4 для моста и самого большого растра без введения вторичной стальной конструкции

• Открывающие элементы представляют собой интегрированные конструктивные крылья с отверстием вокруг верхнего горизонтального вала или параллельно с уровнем фасады, чтобы избежать расположения открывающих крыльев по отношению к фиксированным полям

• Система предлагает возможность интеграции классических поворотных окон, балконных или входных дверей, а также автоматических раздвижных дверей

• Толщина теплоизоляции в зоне парапета колеблется от 50 mm до 175 mm, в то время как в варианте с одним заполнением стекла дополнительная изоляция не используется

- Существует несколько дизайнерских вариантовдля покрытия колпачков для достижения уникальных эффектов в конечном облике предметов: прямоугольное, овальное, усиленное или полуструктурное.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TMF100
TMF106
100
30
TMF44
TMFG11
TMFG11
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TMFL3
32
TMFP25
TMFG3
TMFG3
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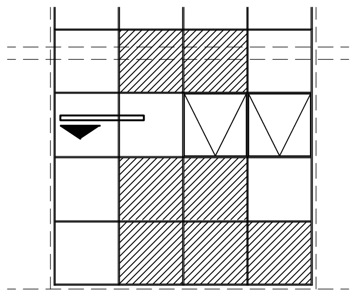
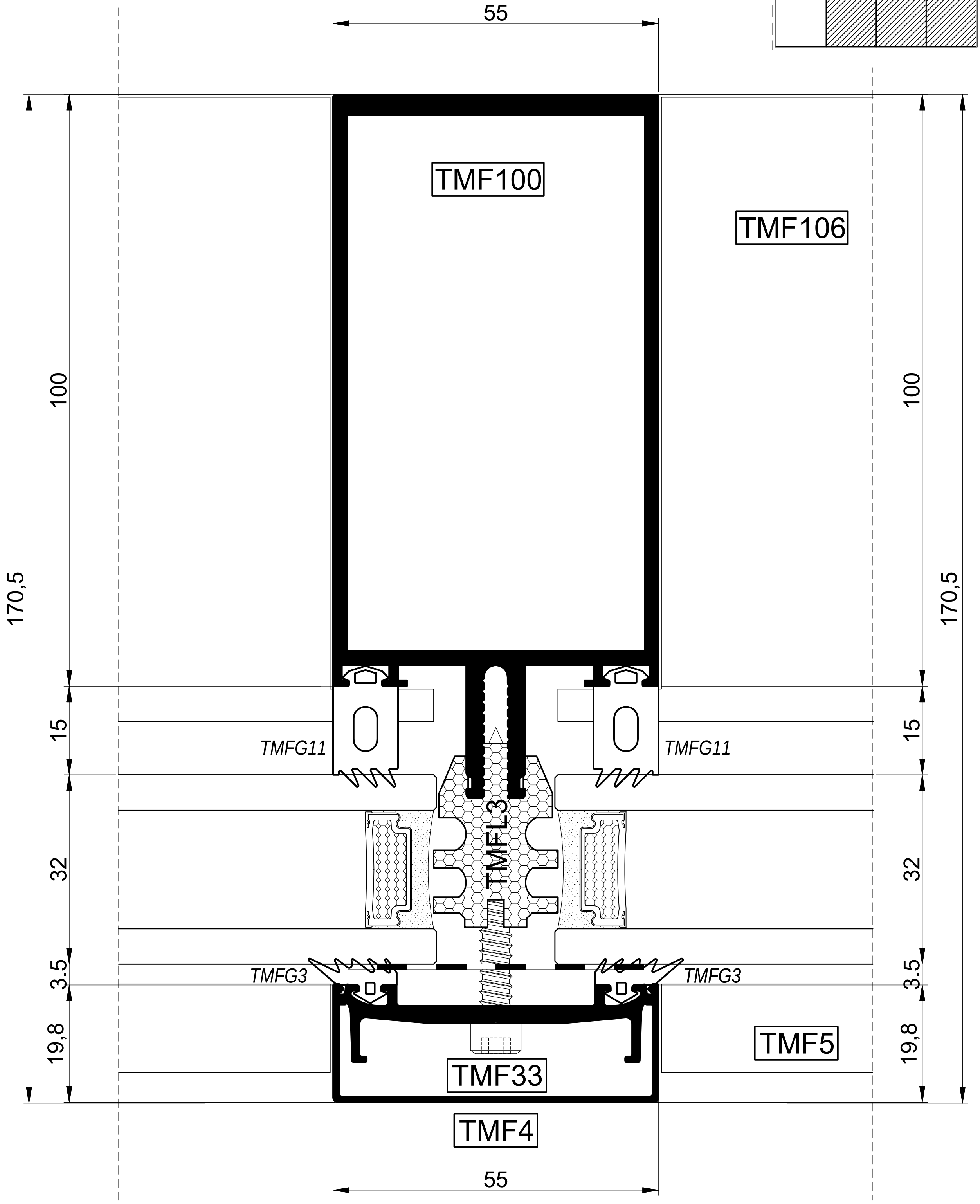
TMF33
TMF4
60
55




55
TMF100
TMF106
100
170,5
15
TMFG11
TMFG11
TMFL3
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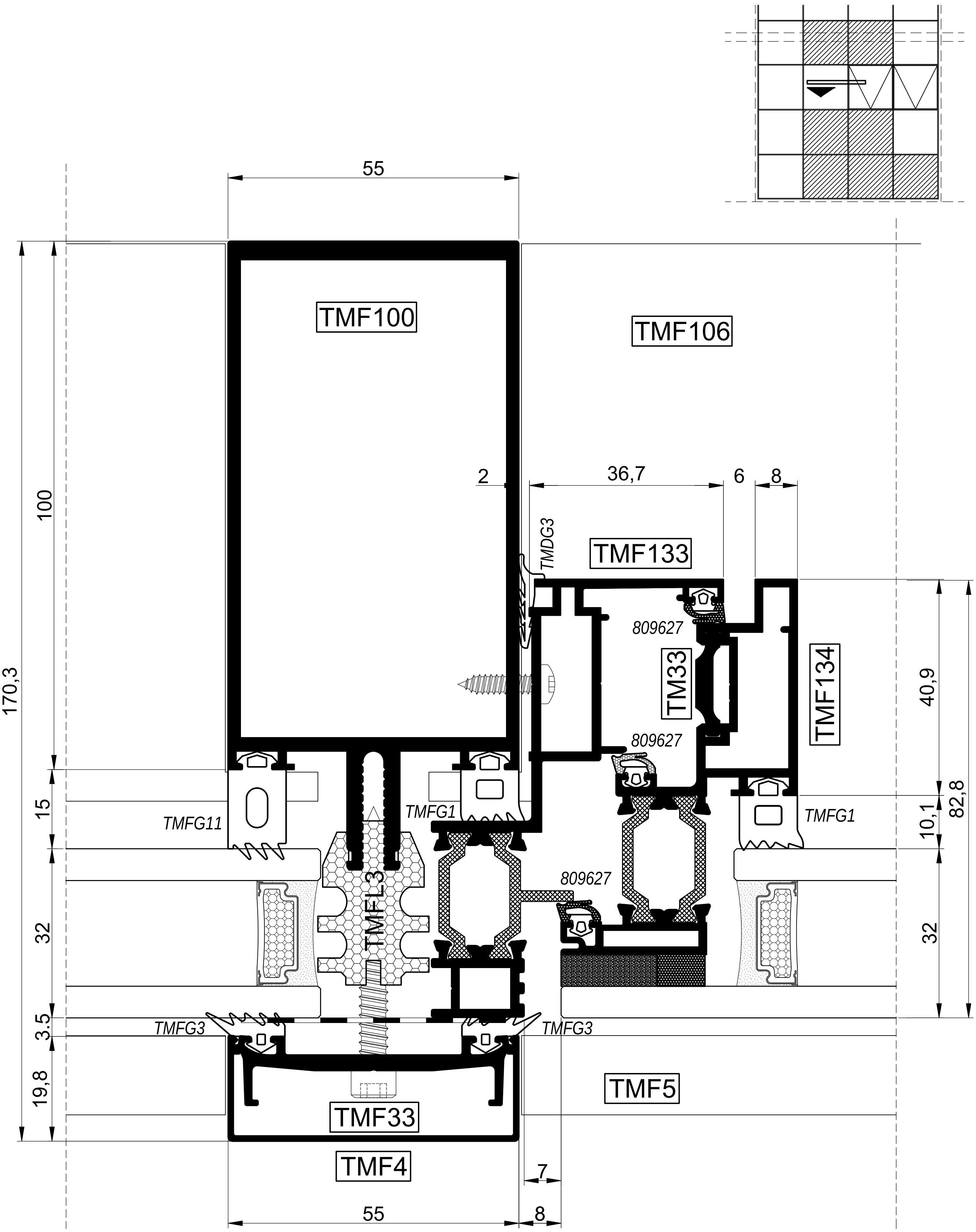
3.5
TMFG3
TMFG3
19,8
TMF5
TMF33
TMF4
55


55
TMF100
TMF106
2
36,7
6
8
TMDG3
TMF133
809627
TM33
TMF134
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100
40,9
82,8
15
TMFG11
TMFG1
TMFG1
10,1
TMFL3
809627
32
32
3.5
TMFG3
TMFG3
19,8
TMF5
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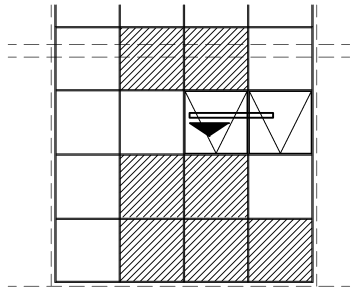

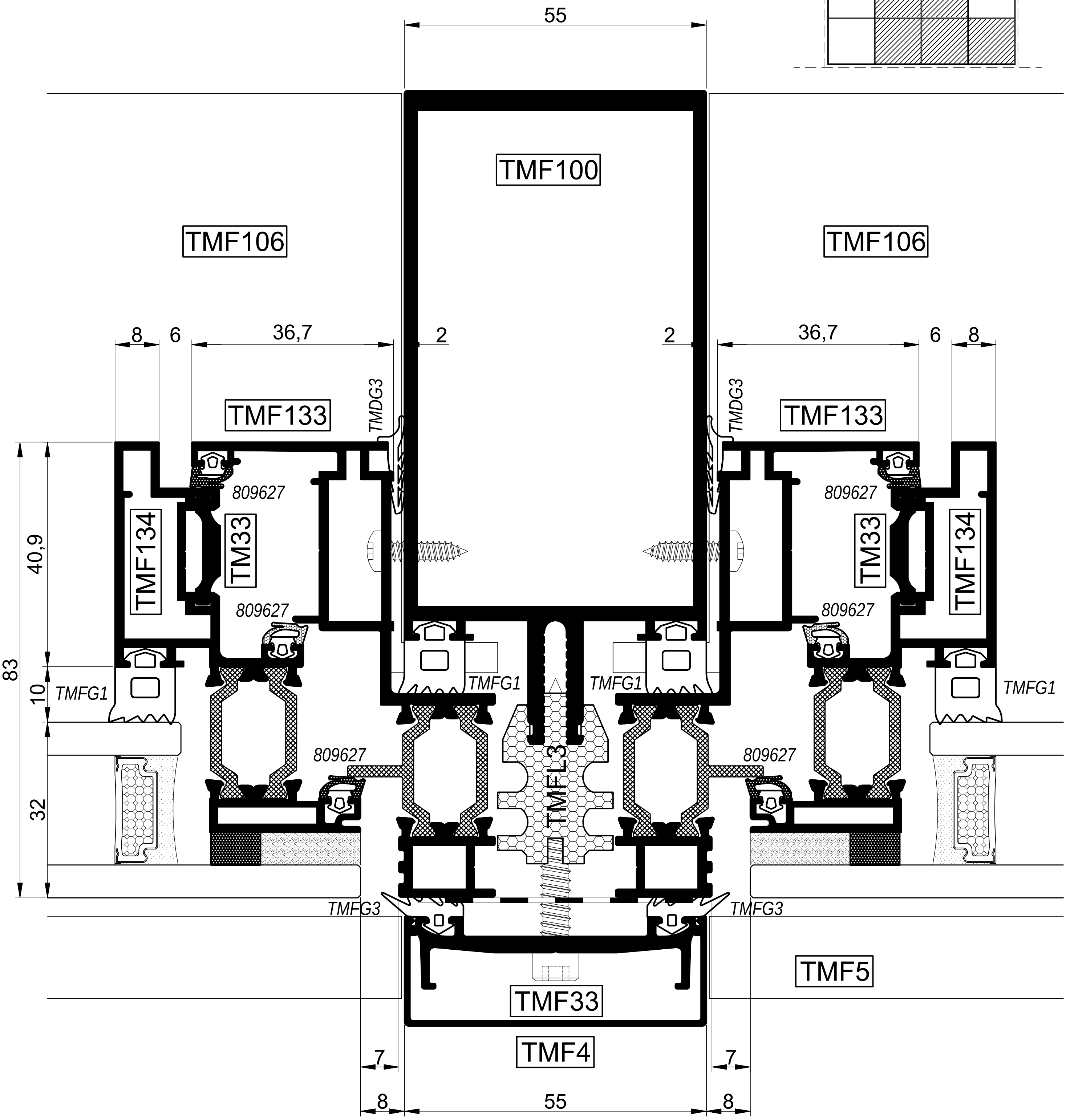
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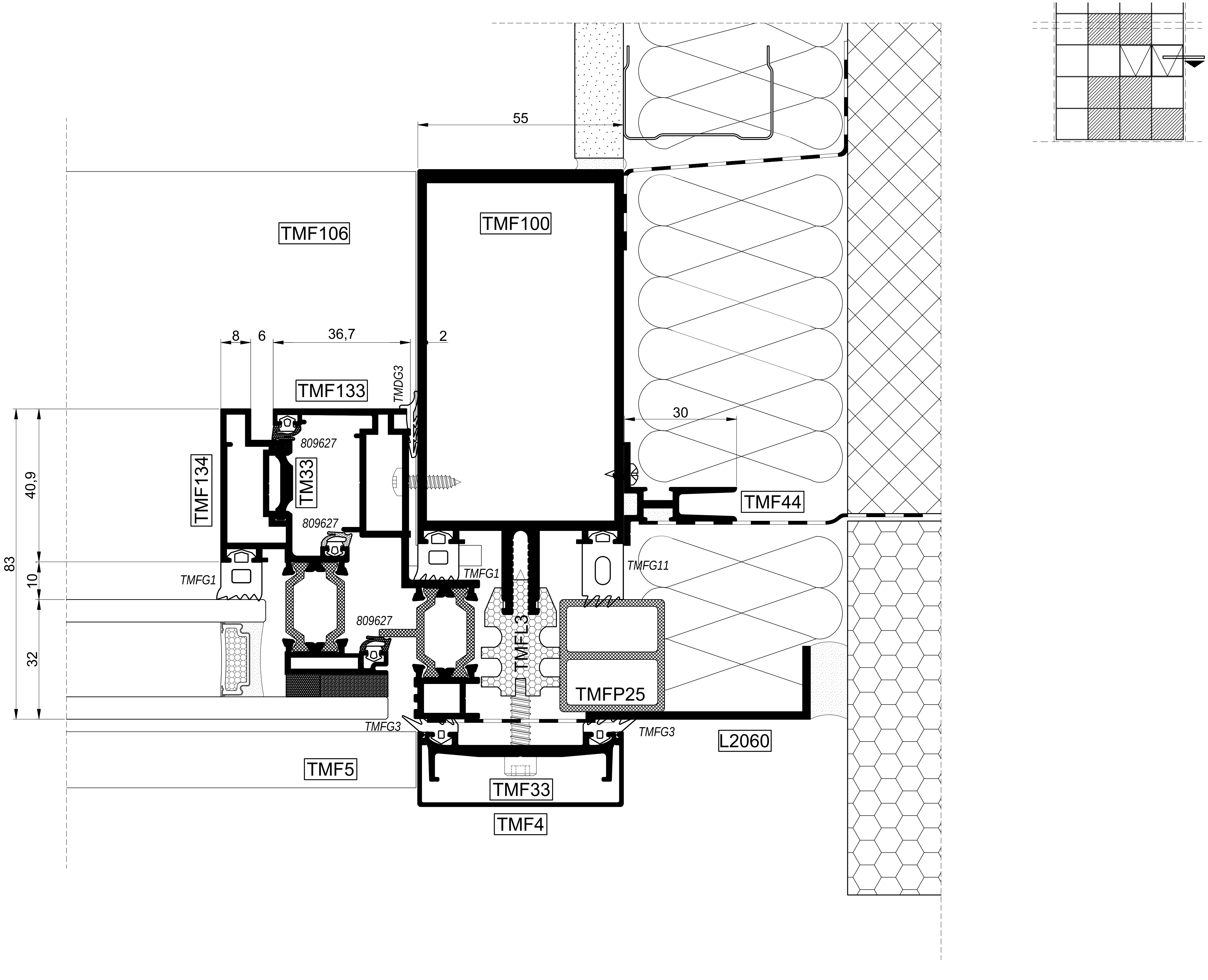
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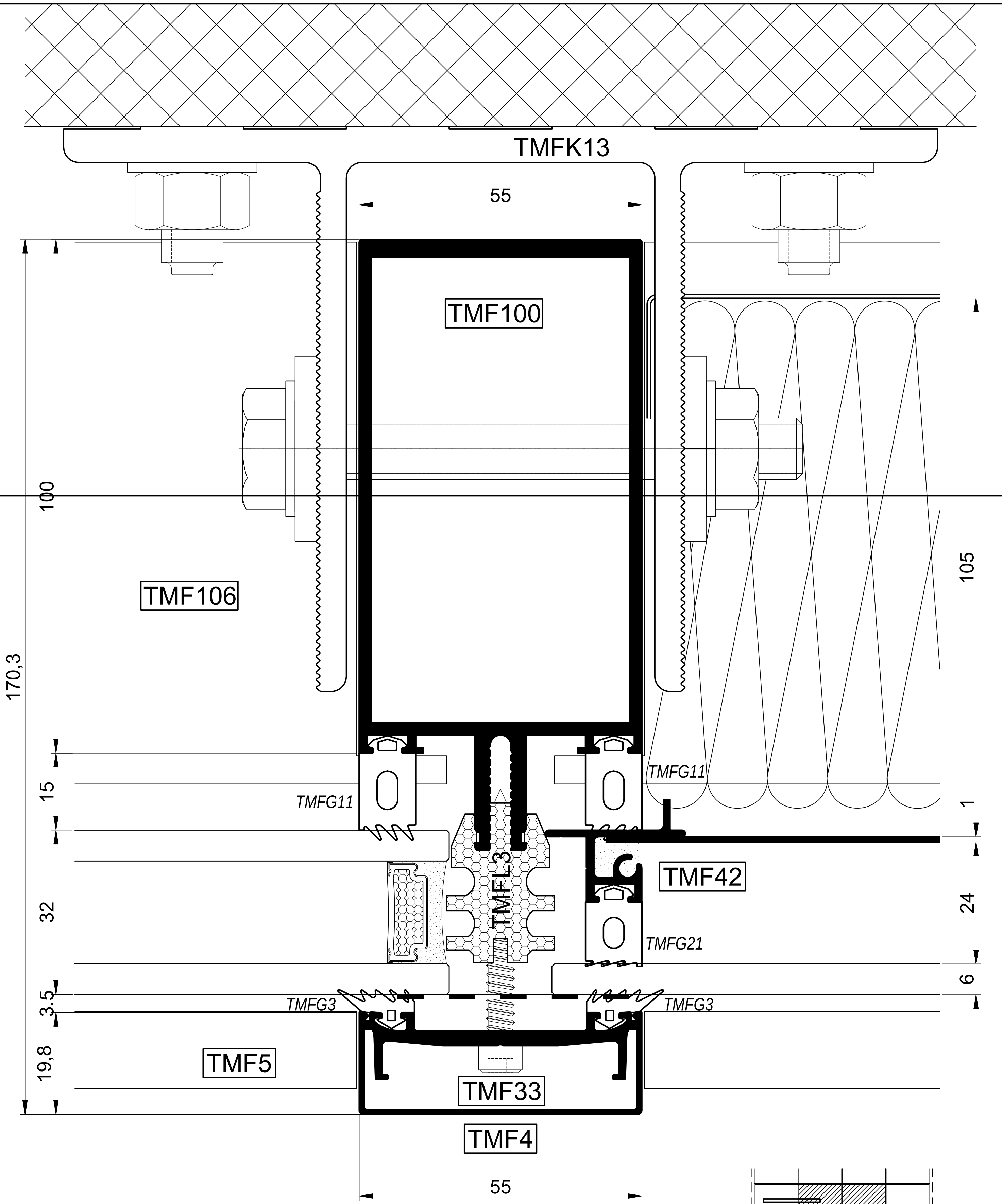
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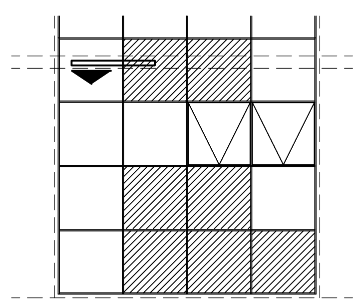

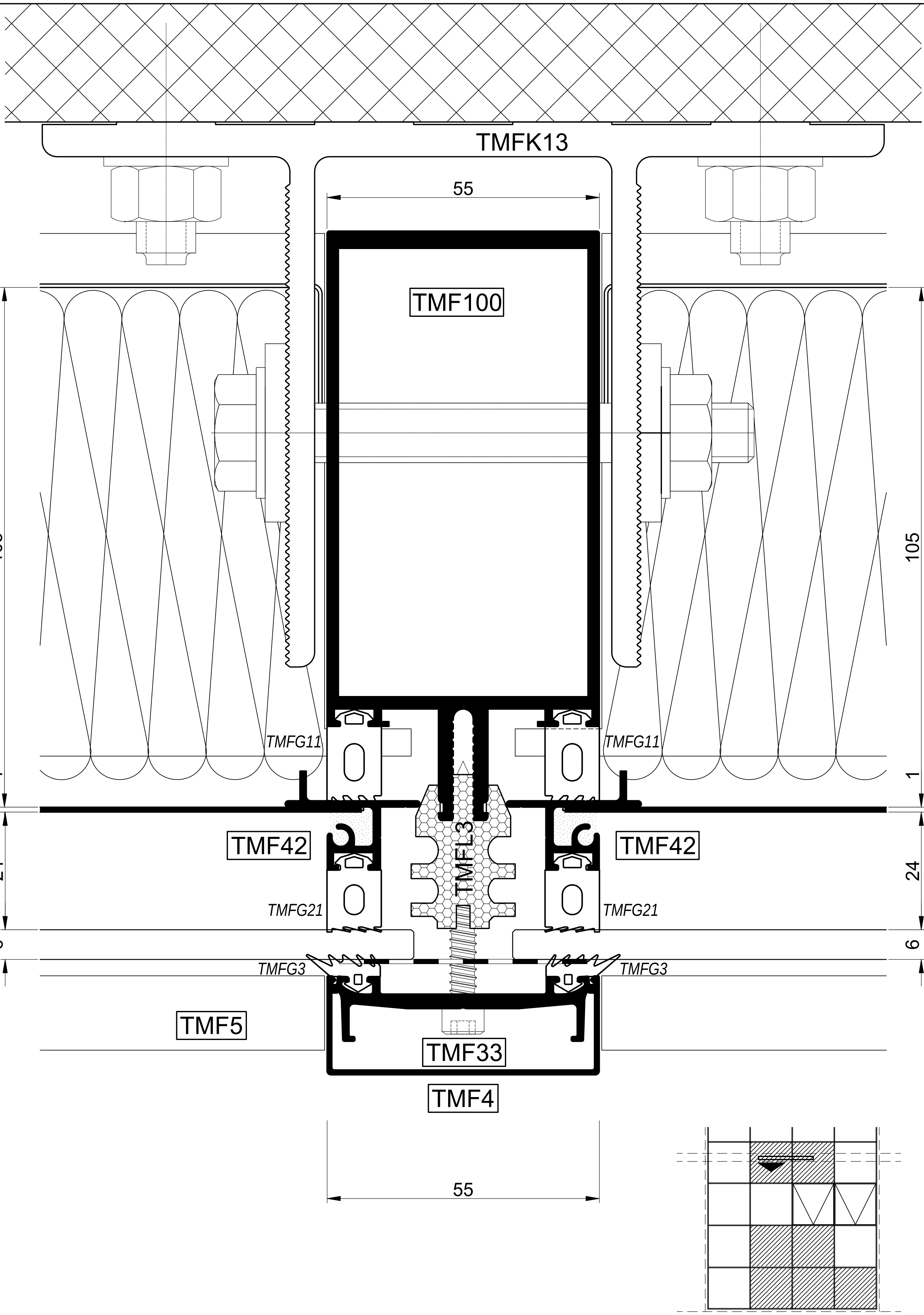
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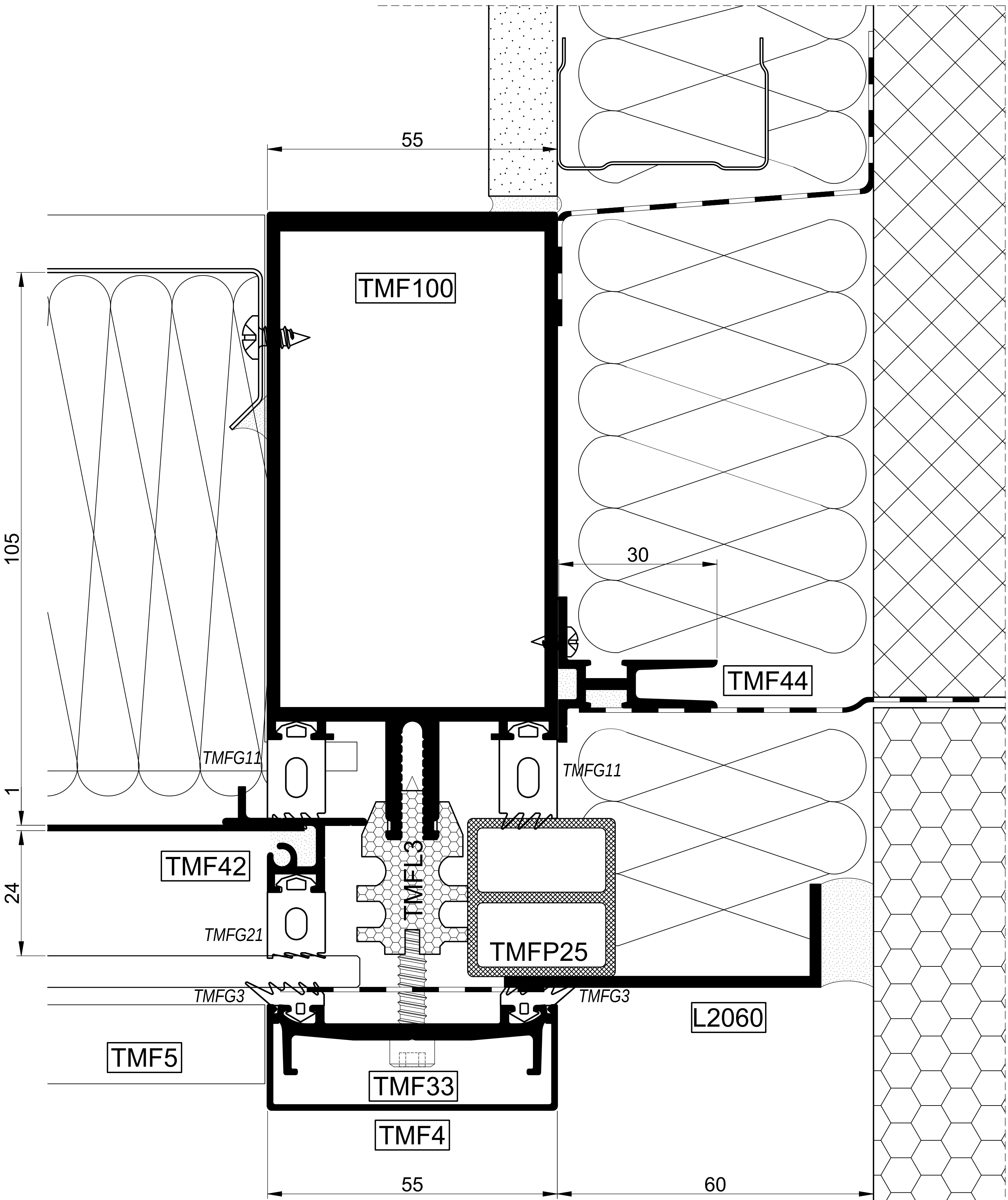
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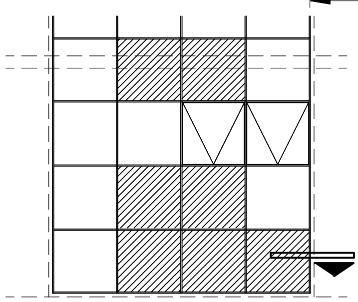

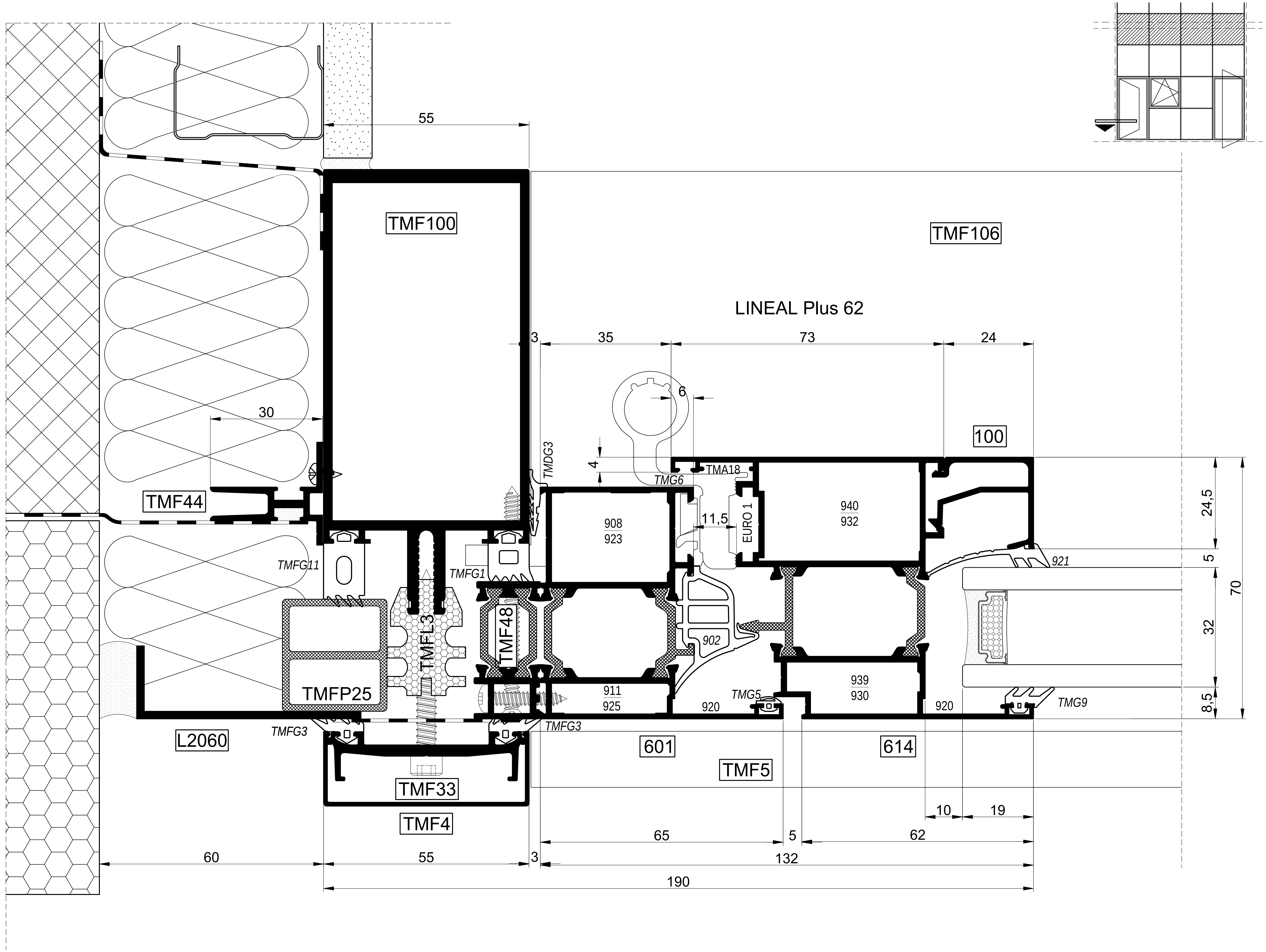
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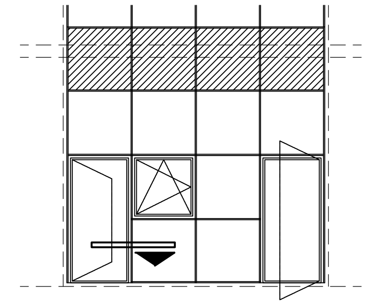

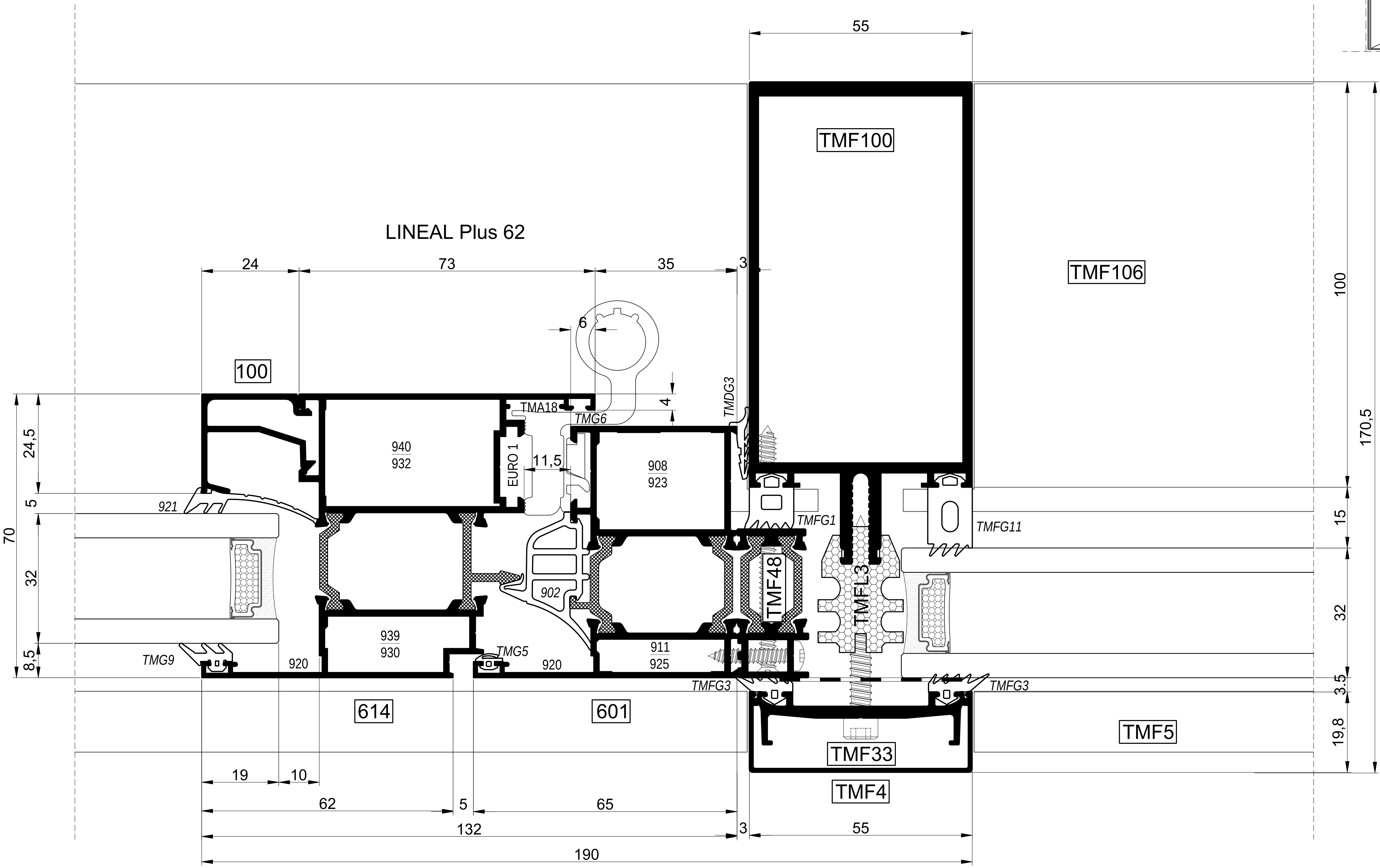
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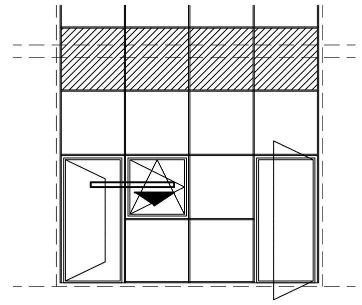

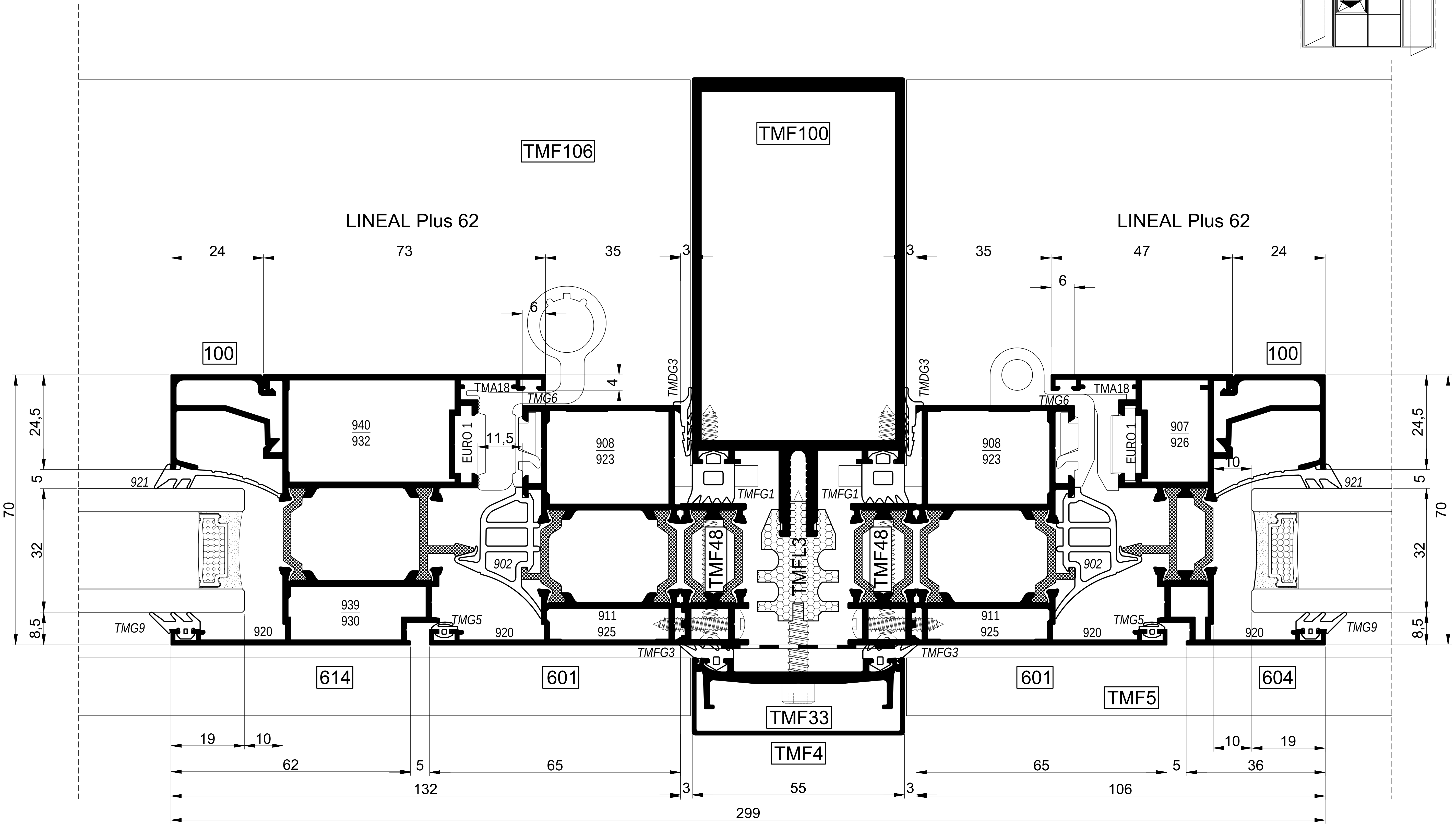
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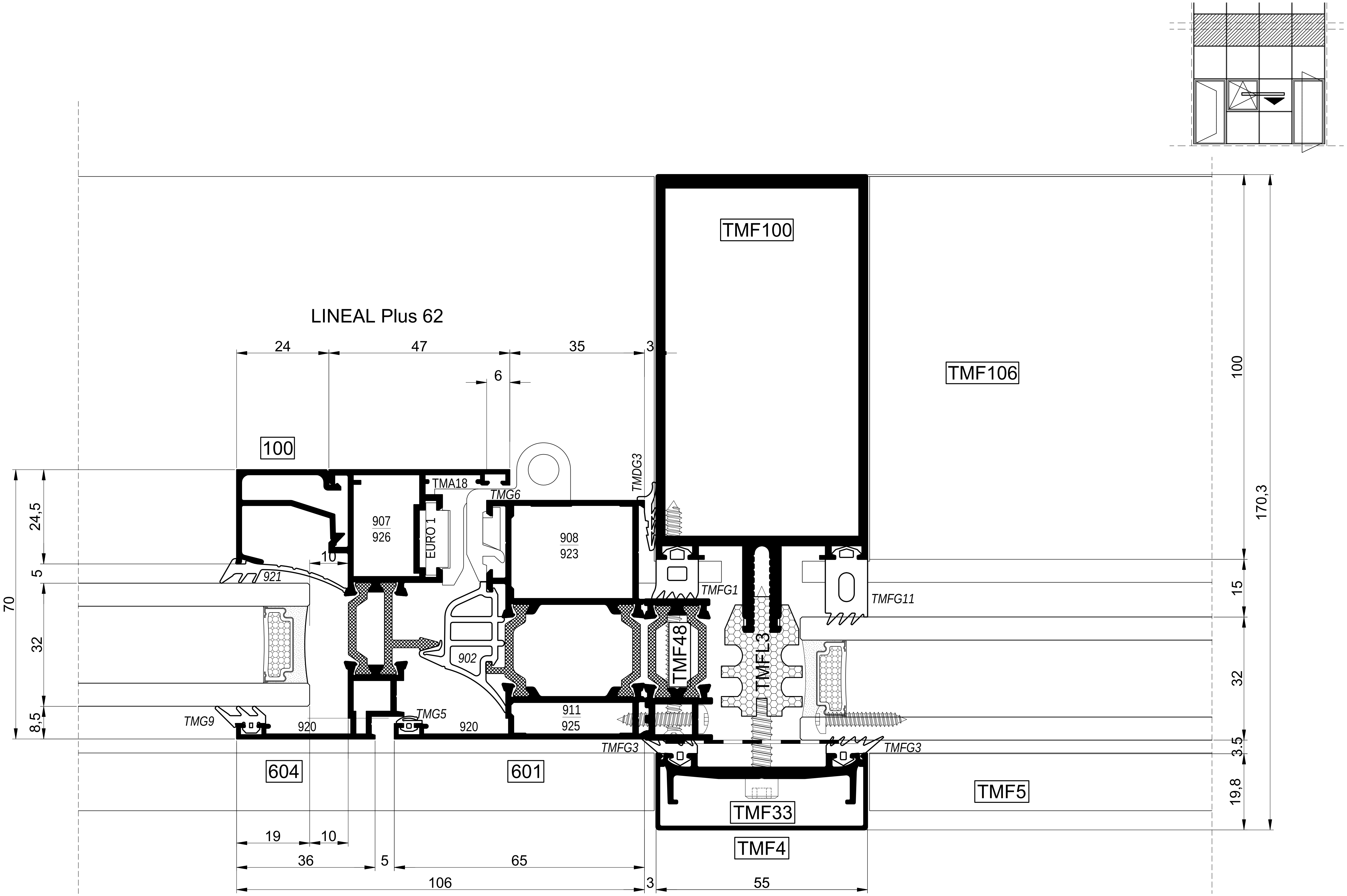
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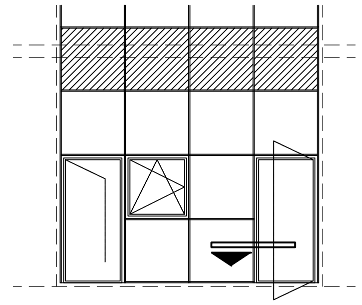

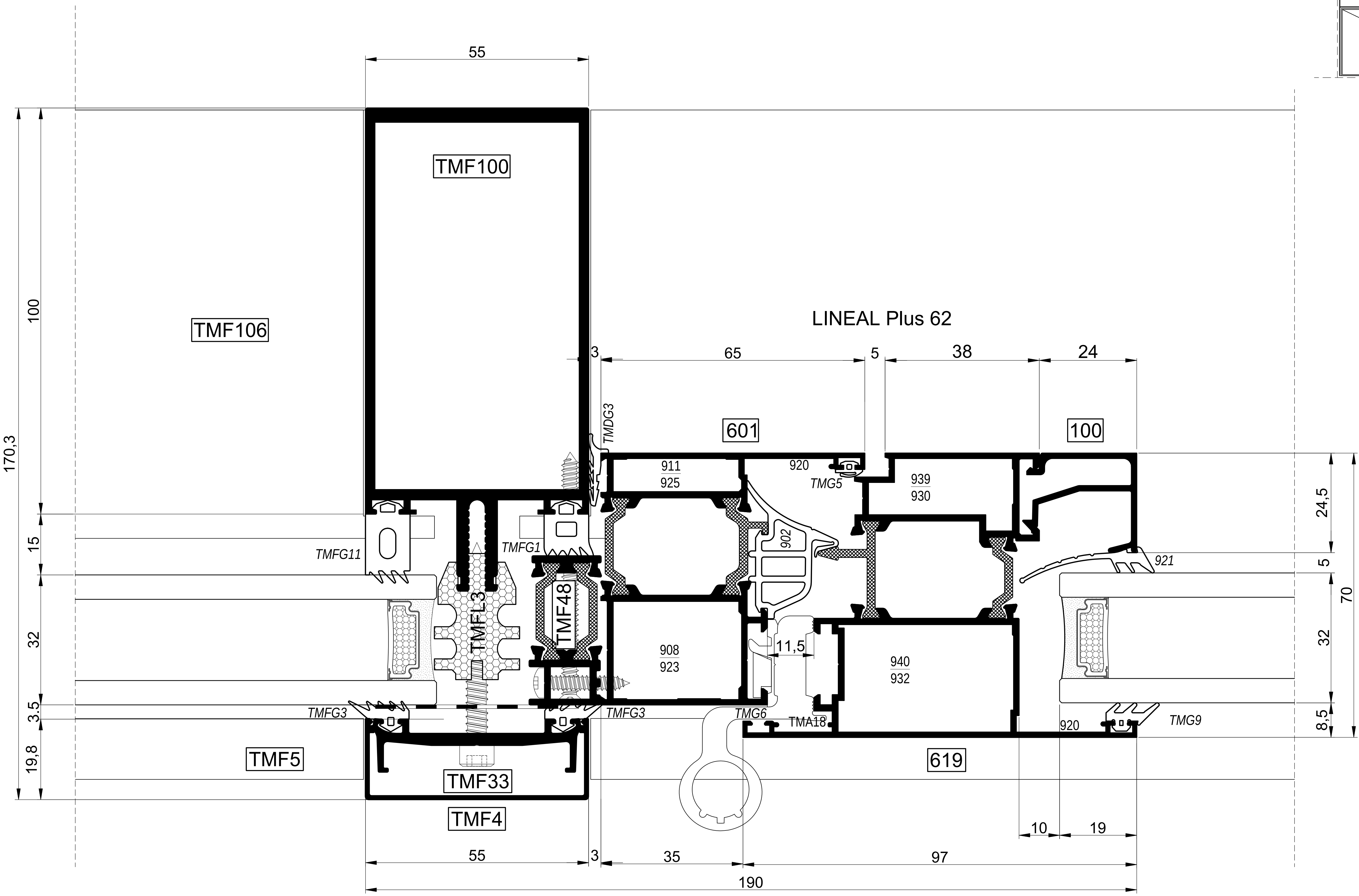

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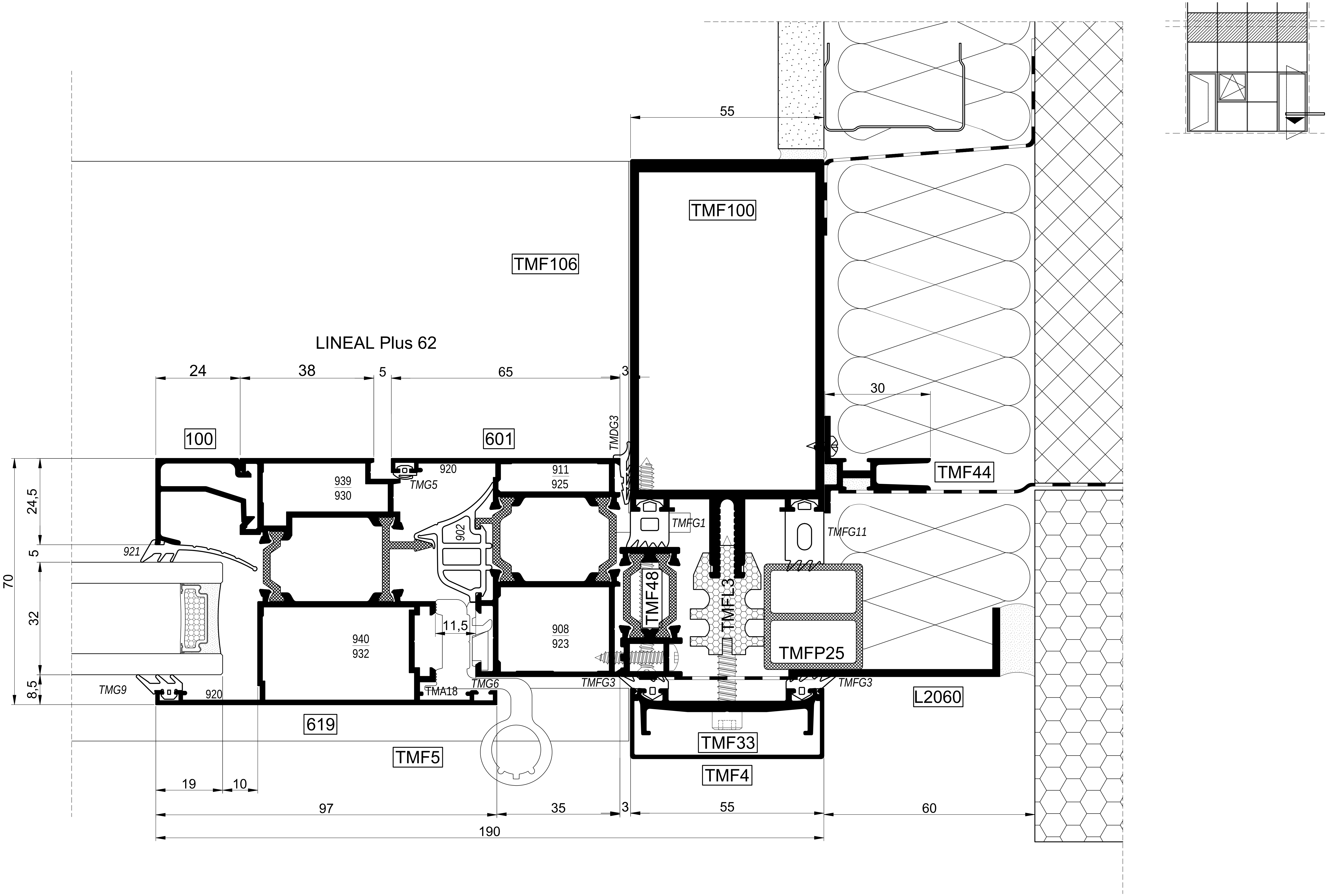
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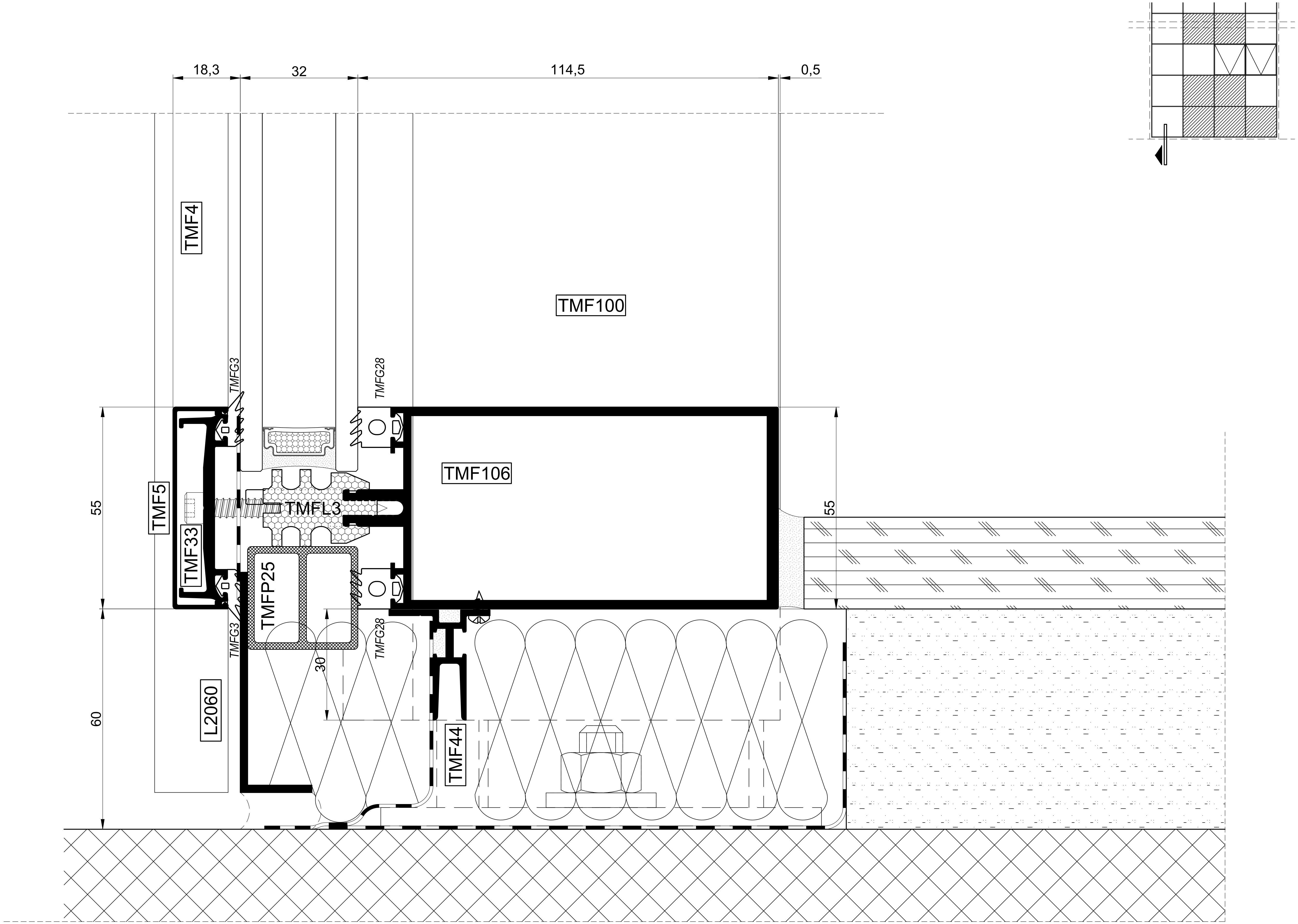
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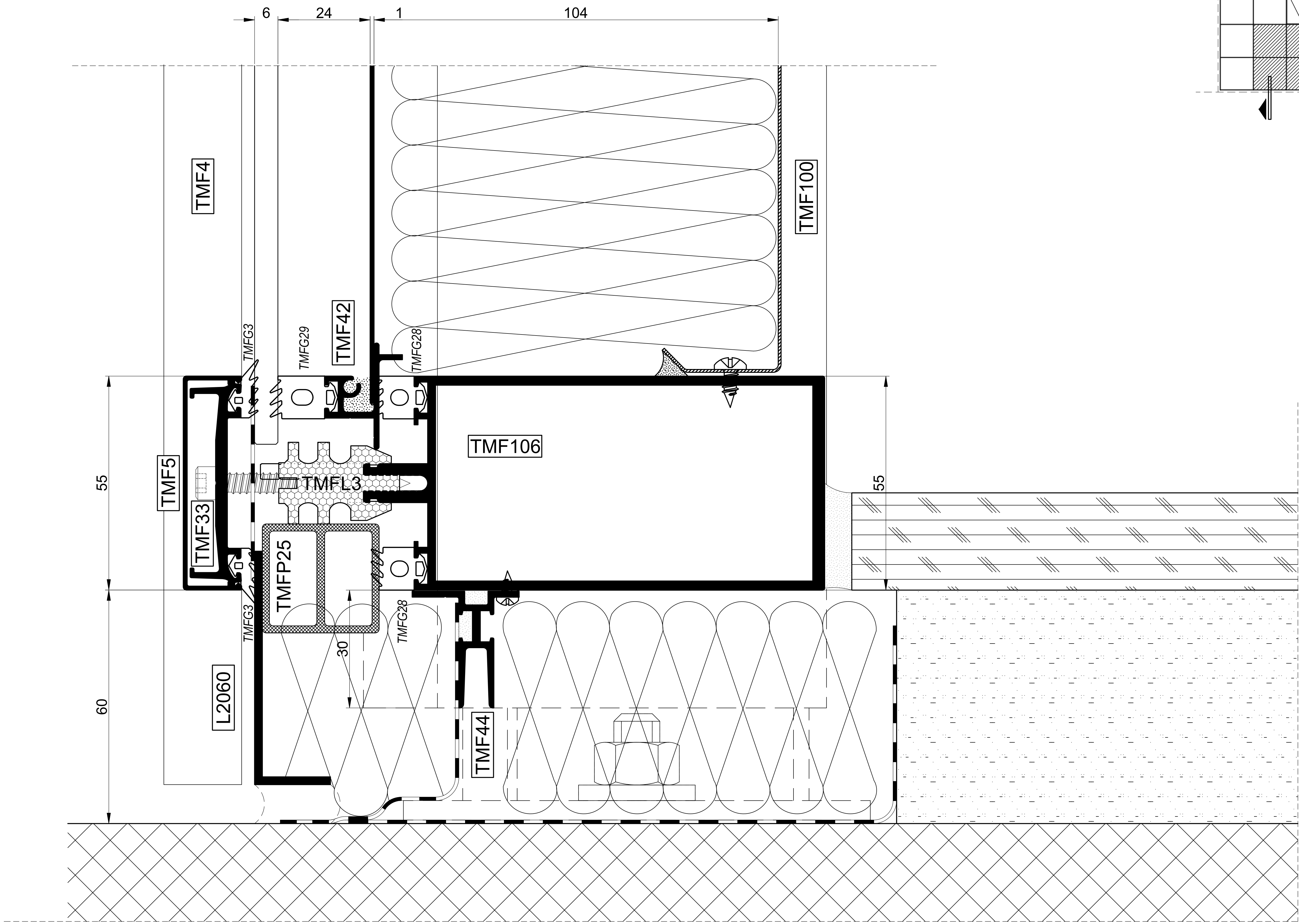
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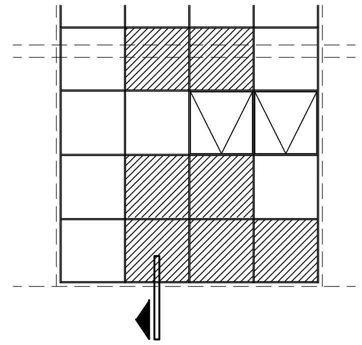

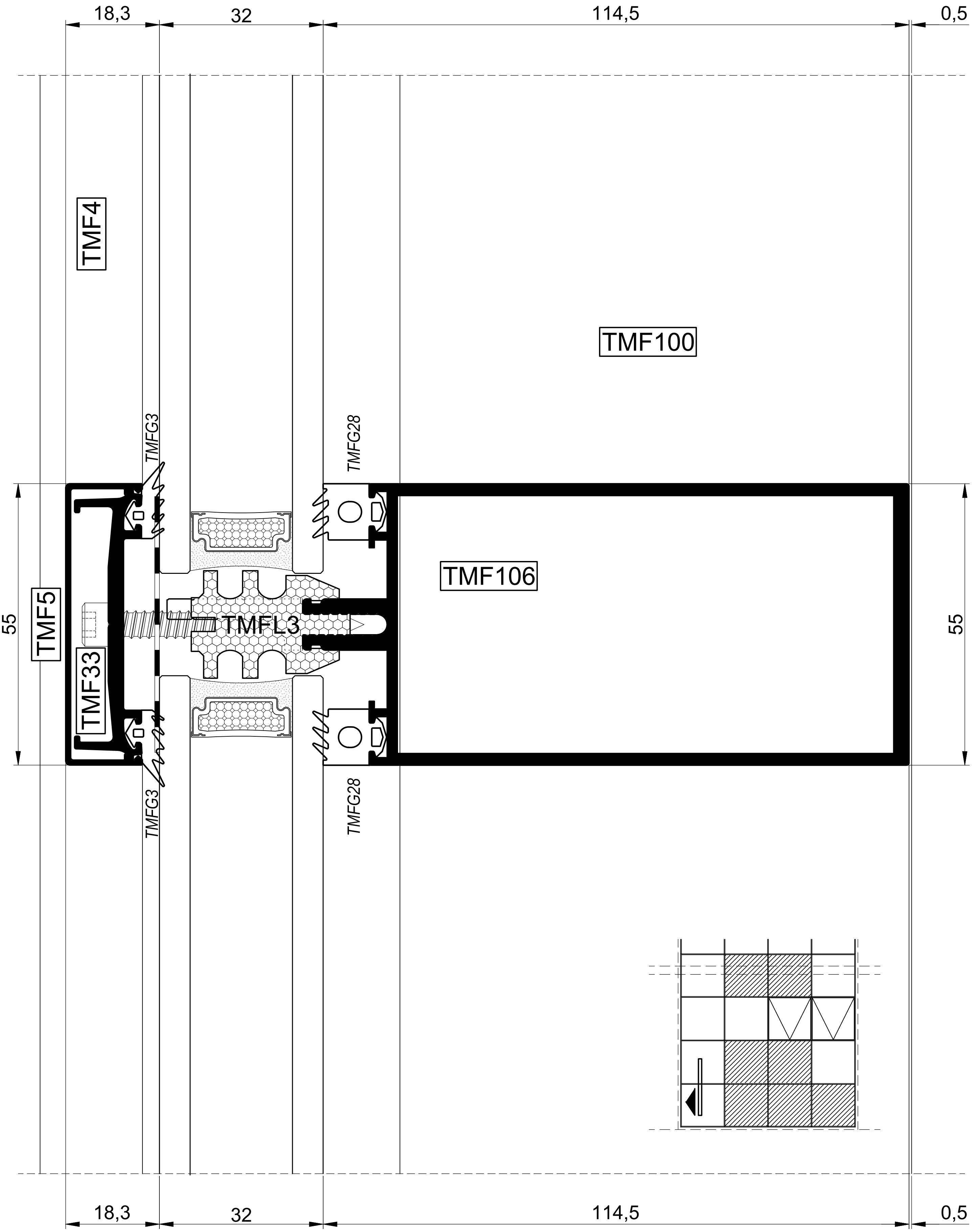
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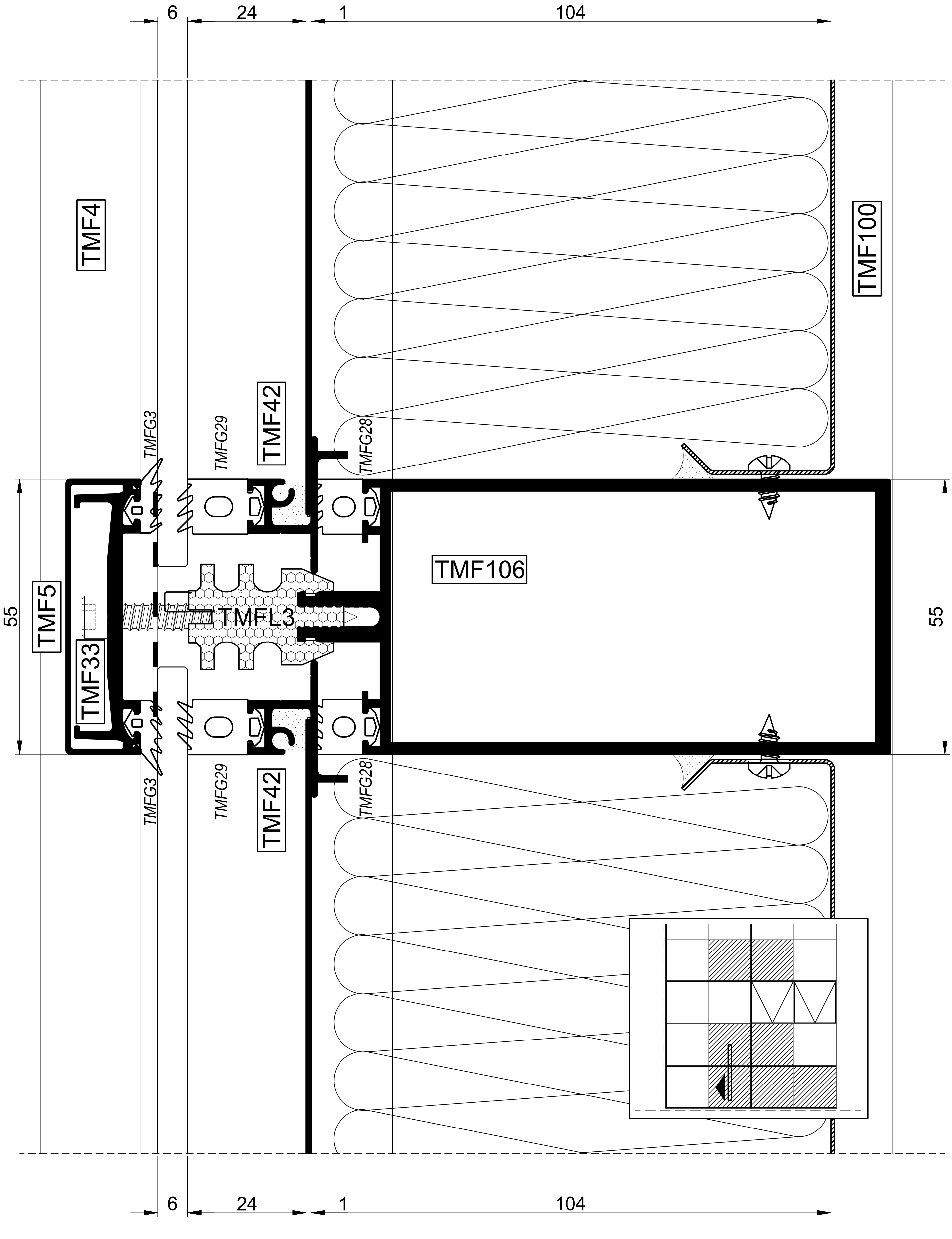
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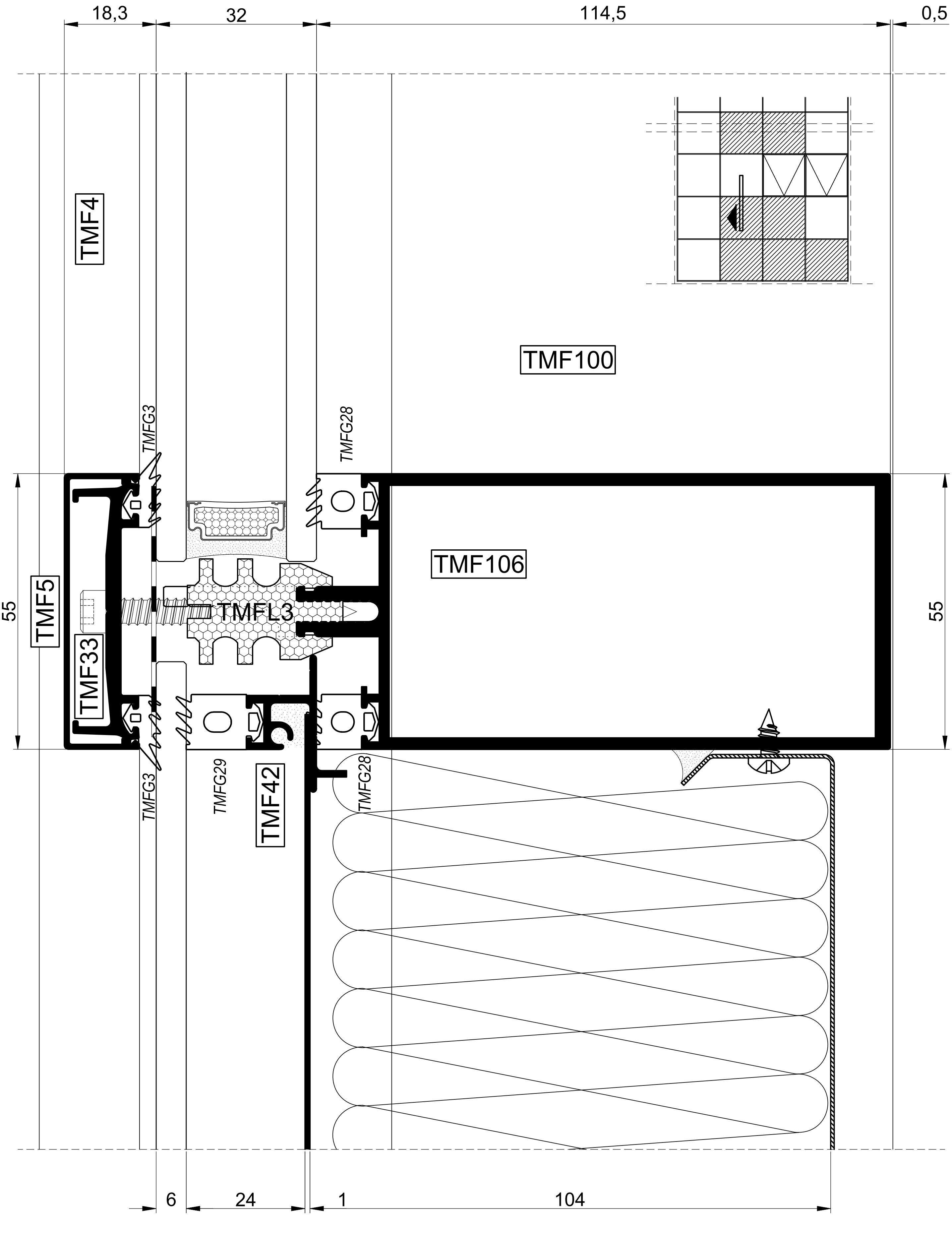
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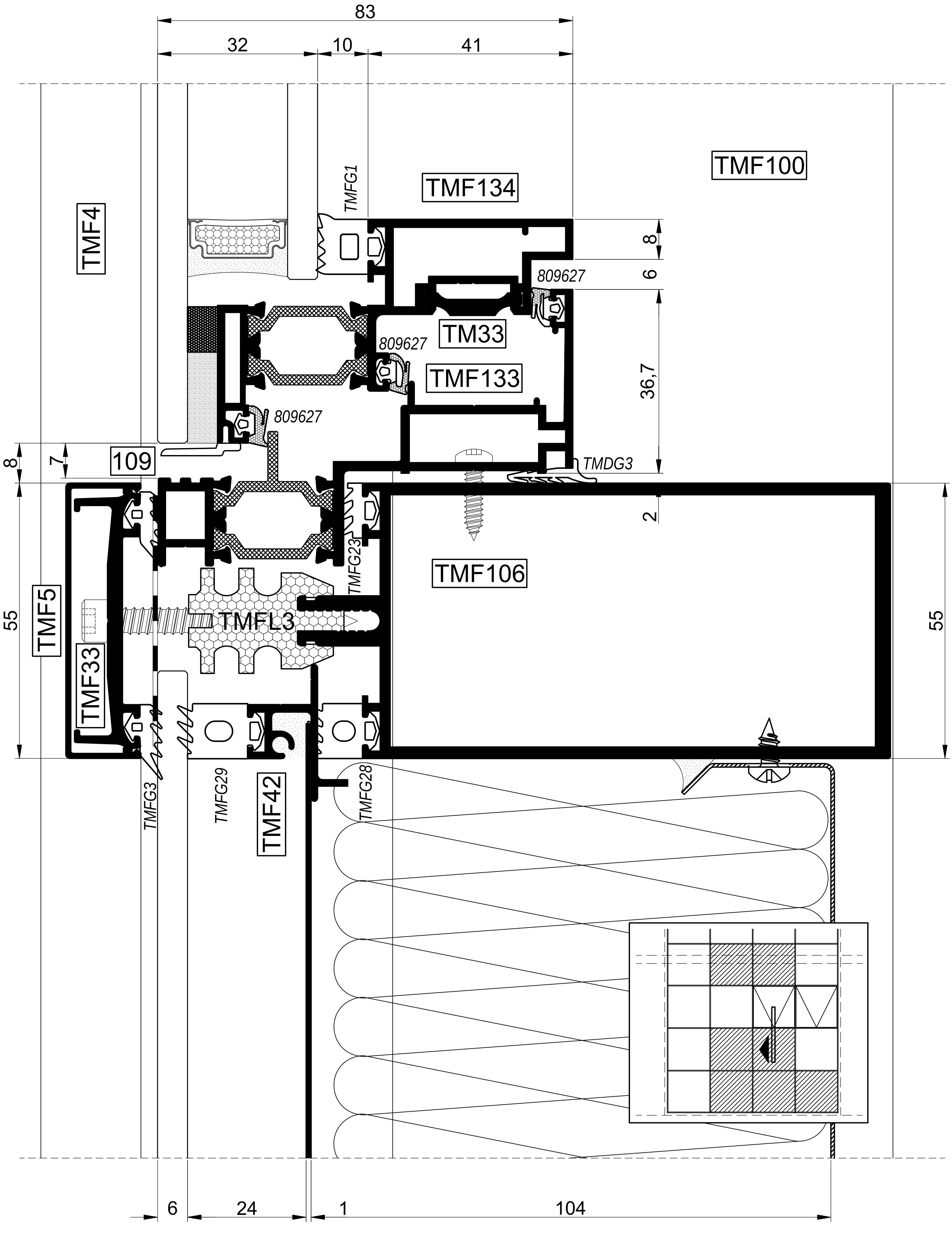
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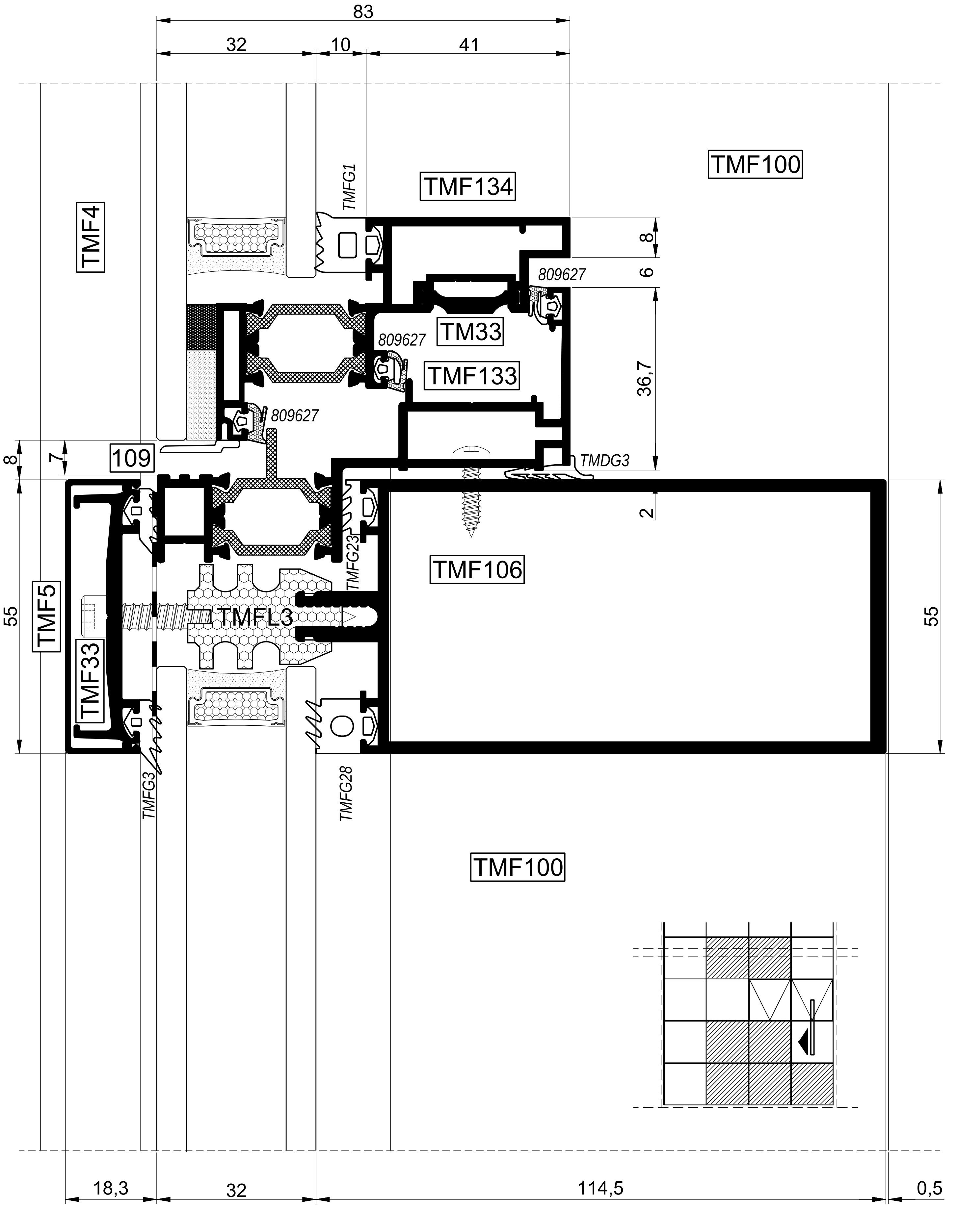
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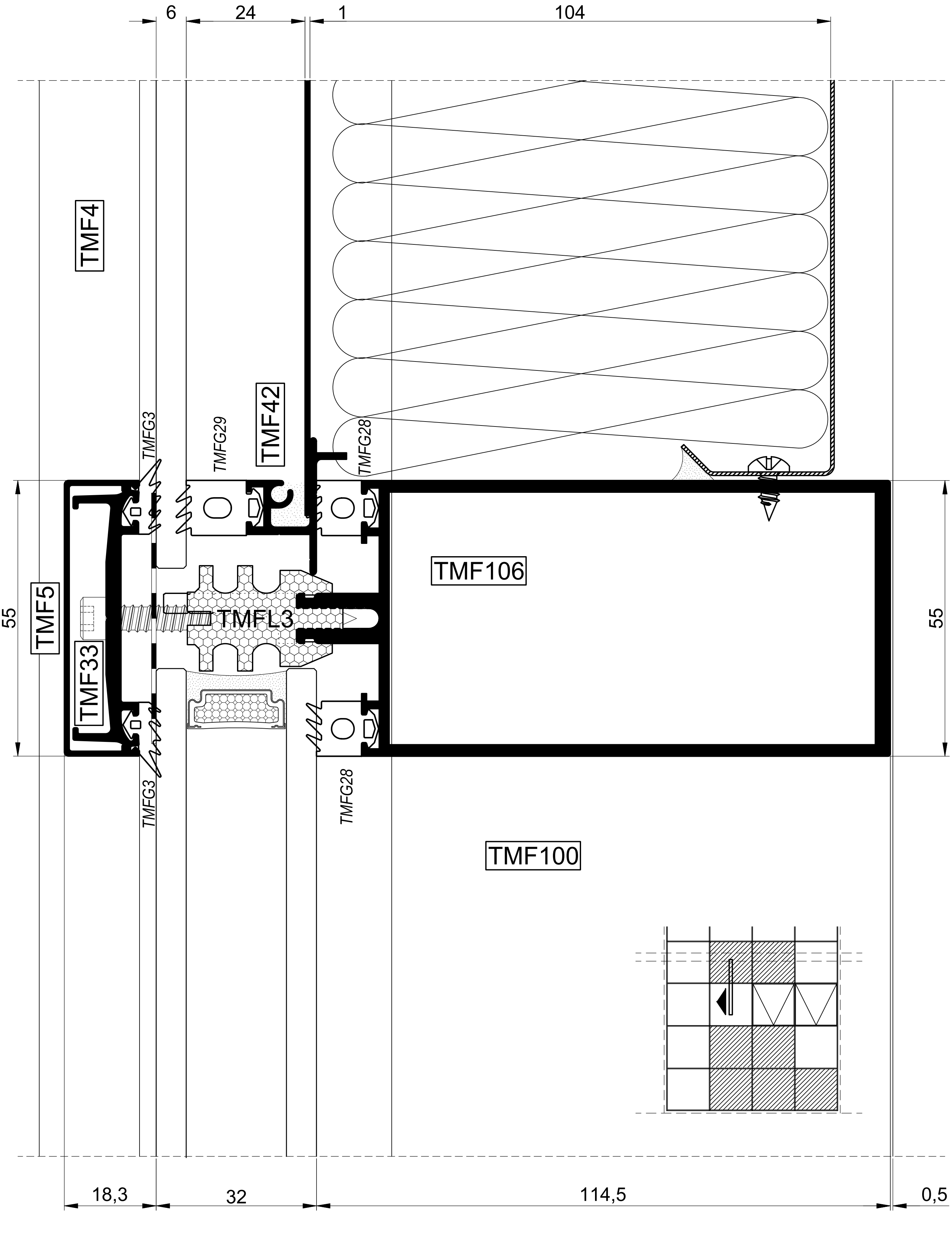
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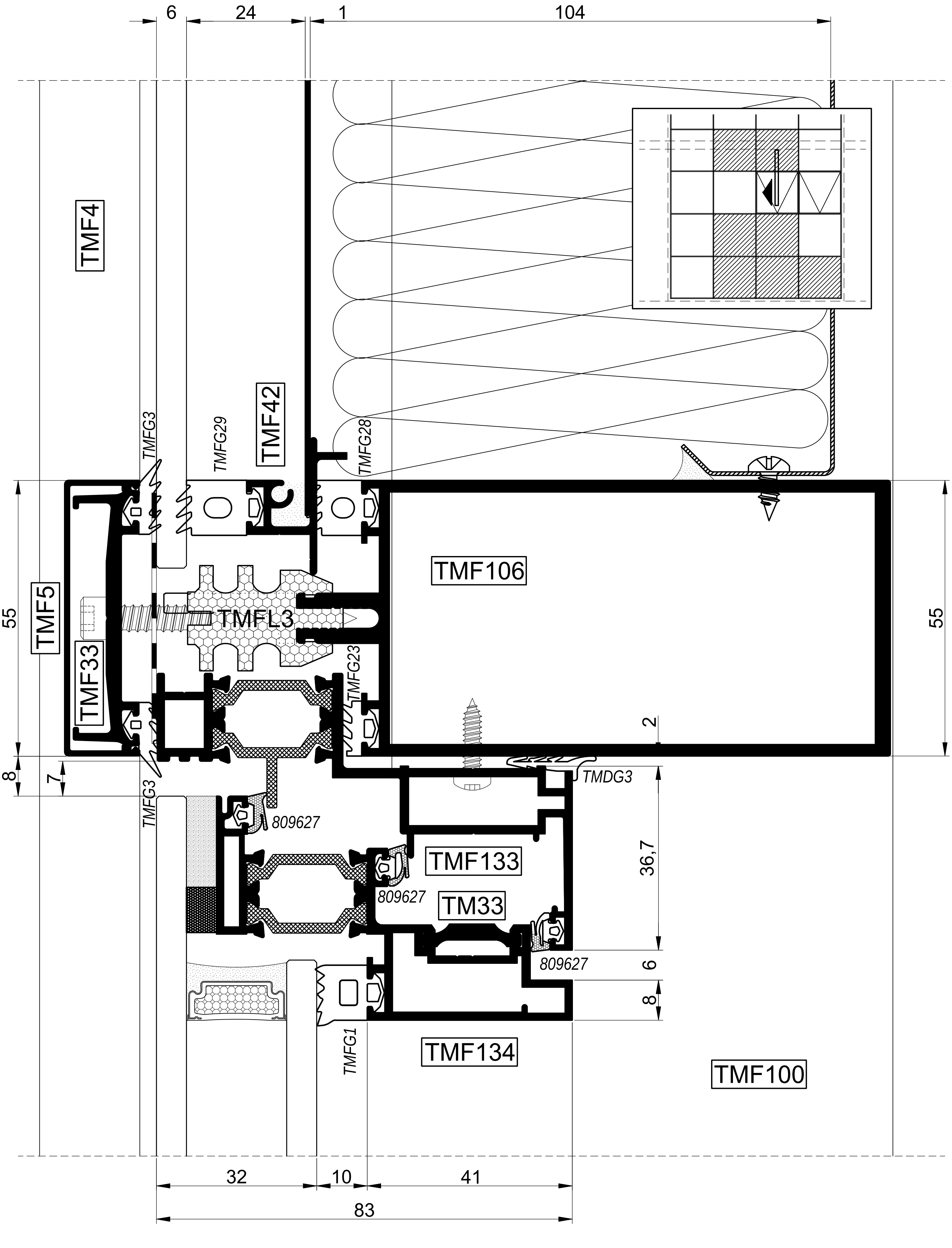
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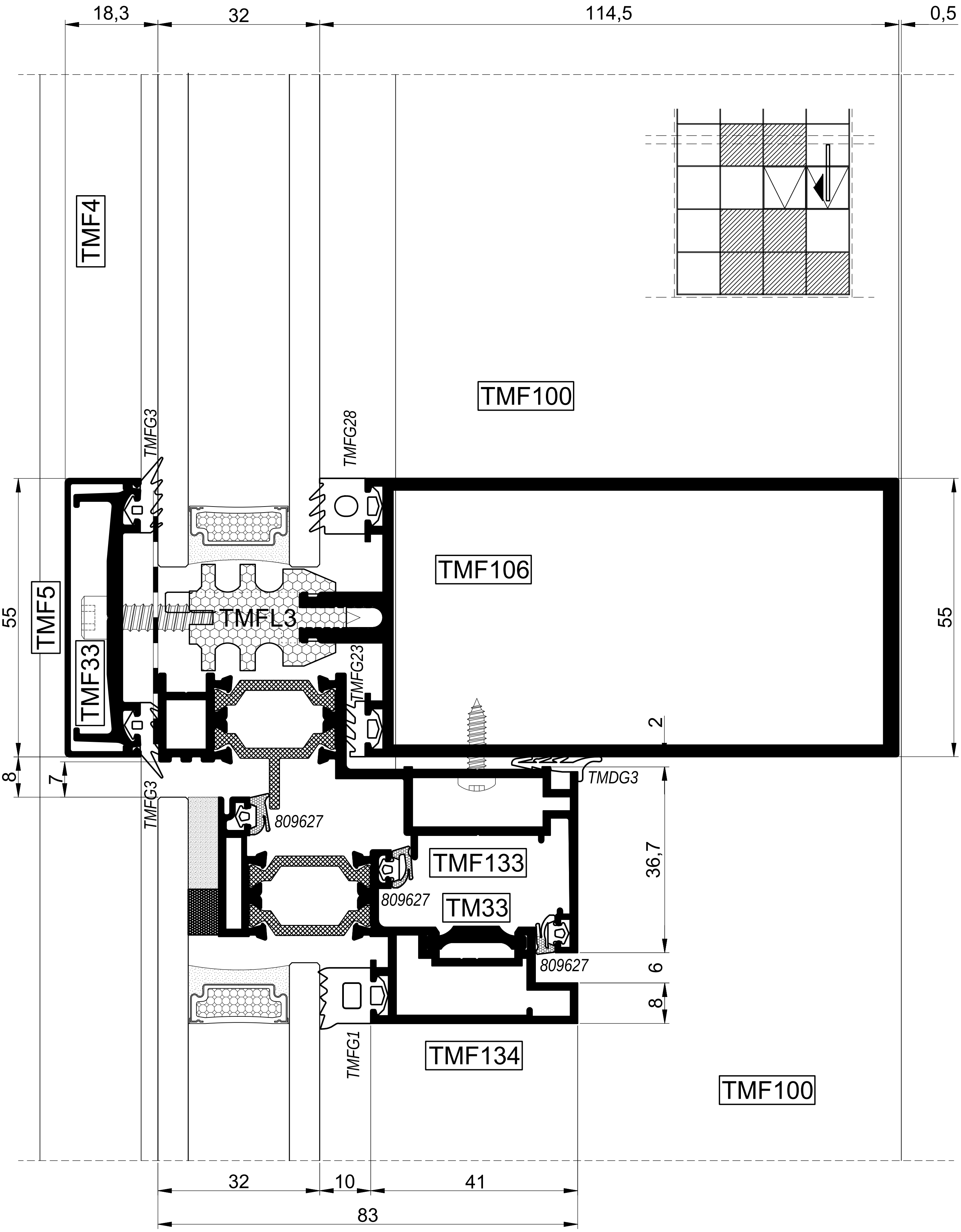
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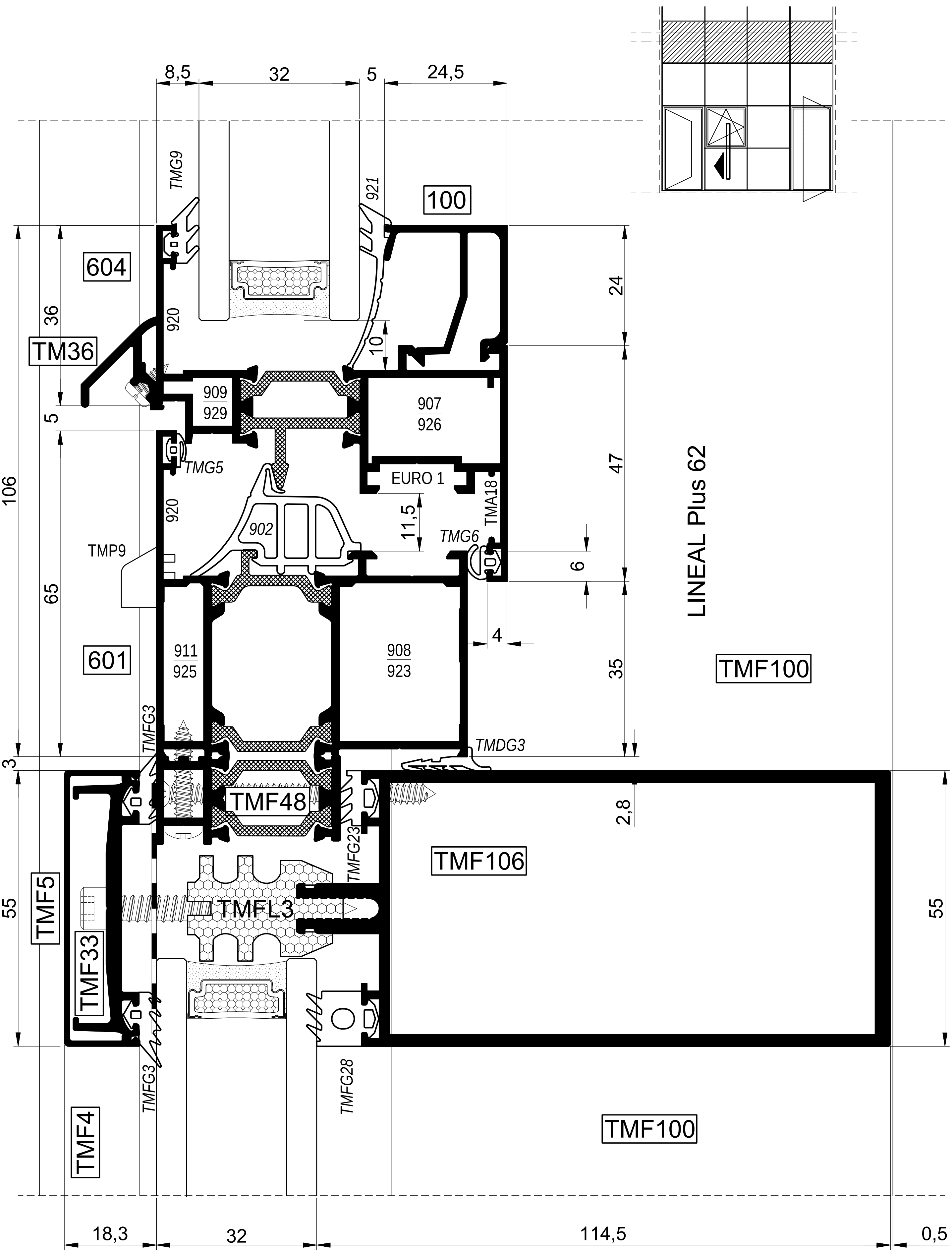
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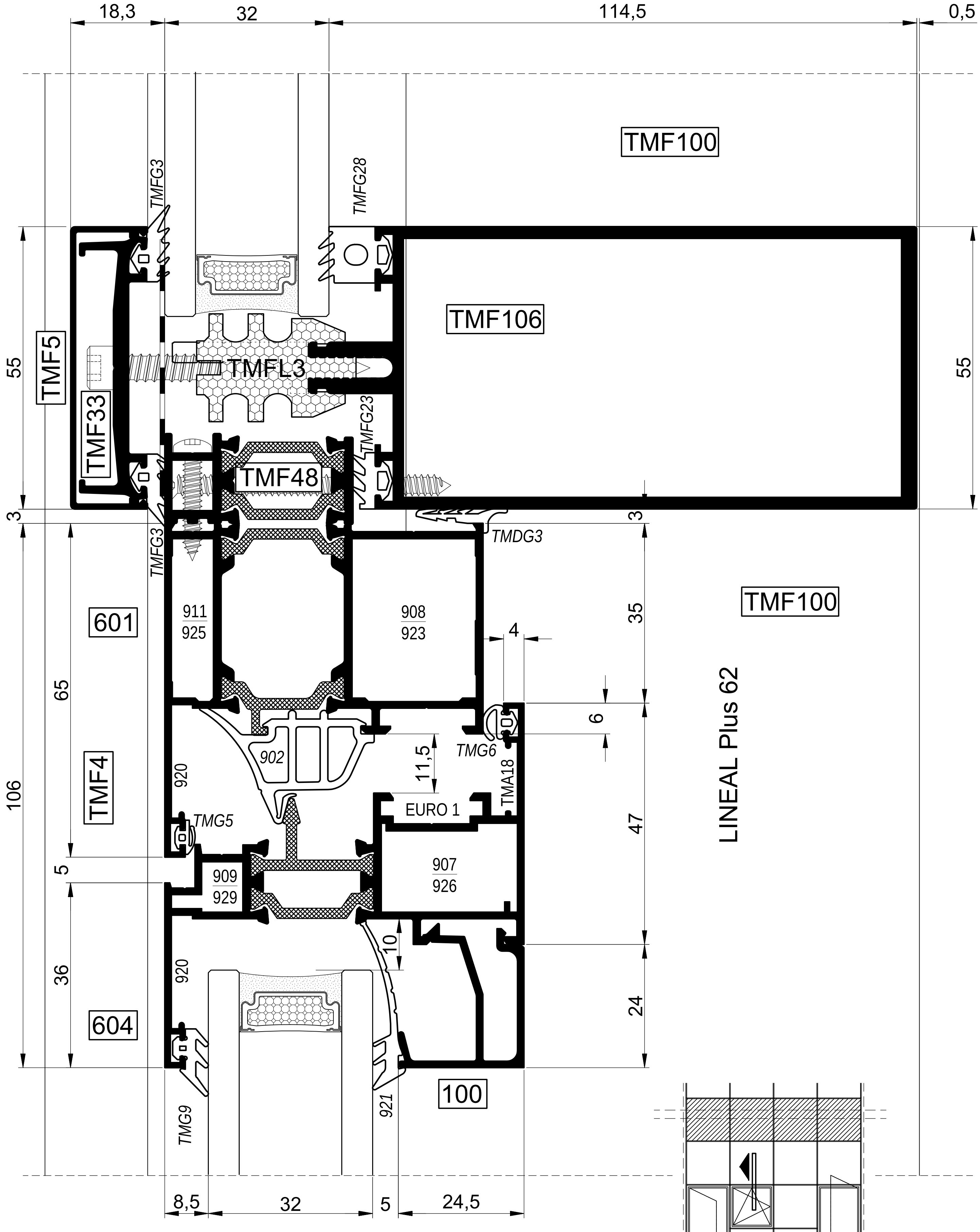
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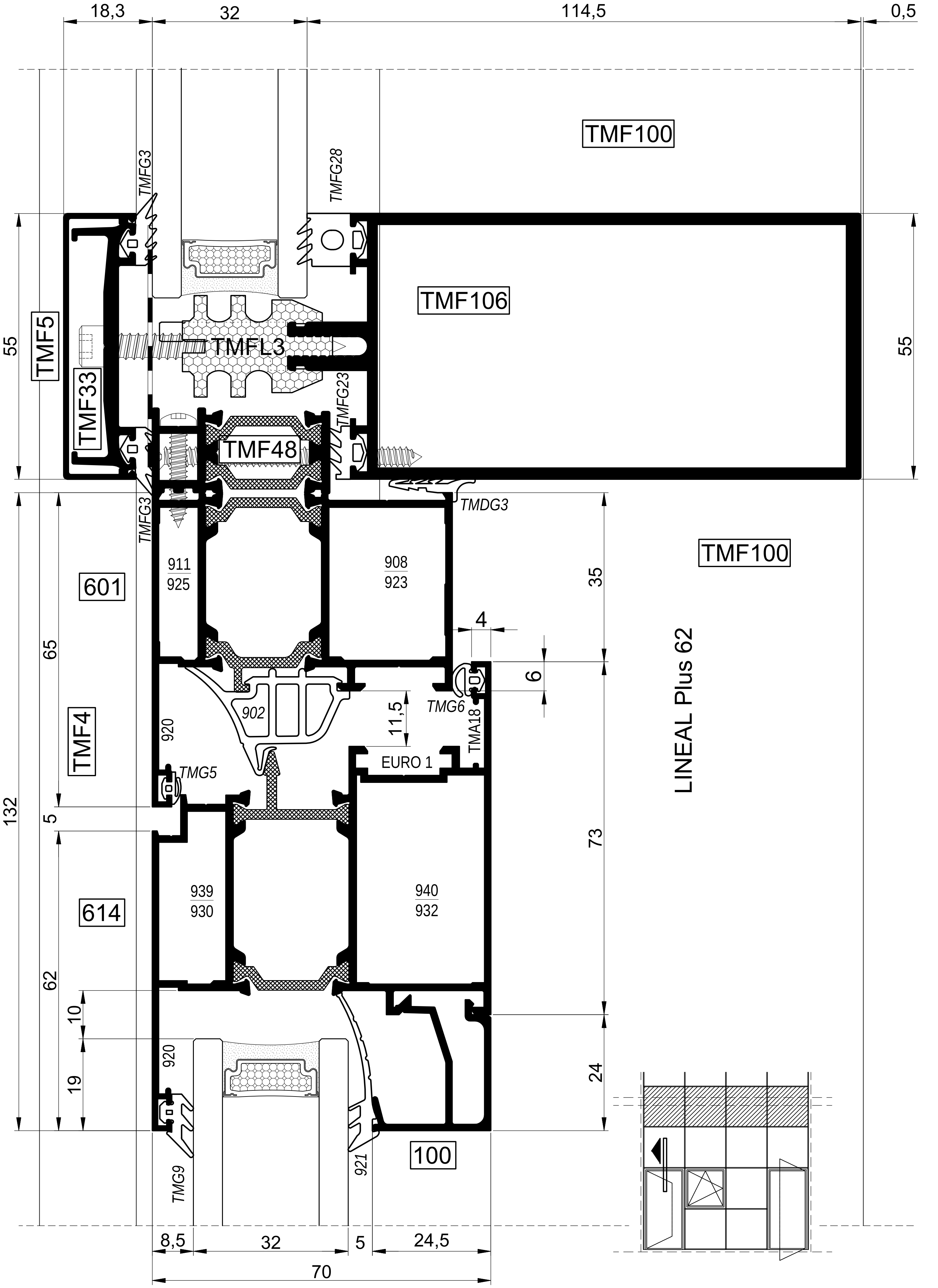
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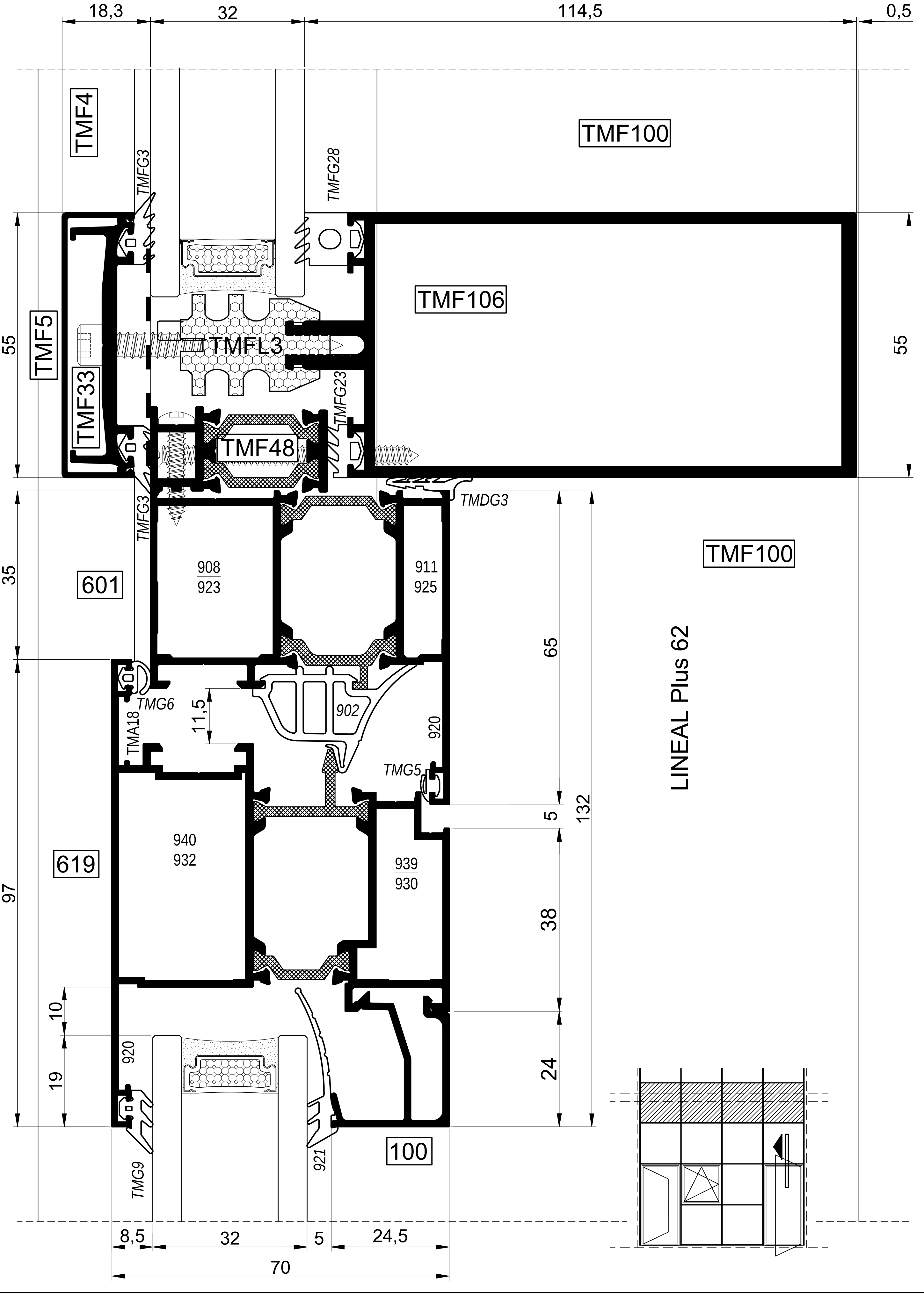
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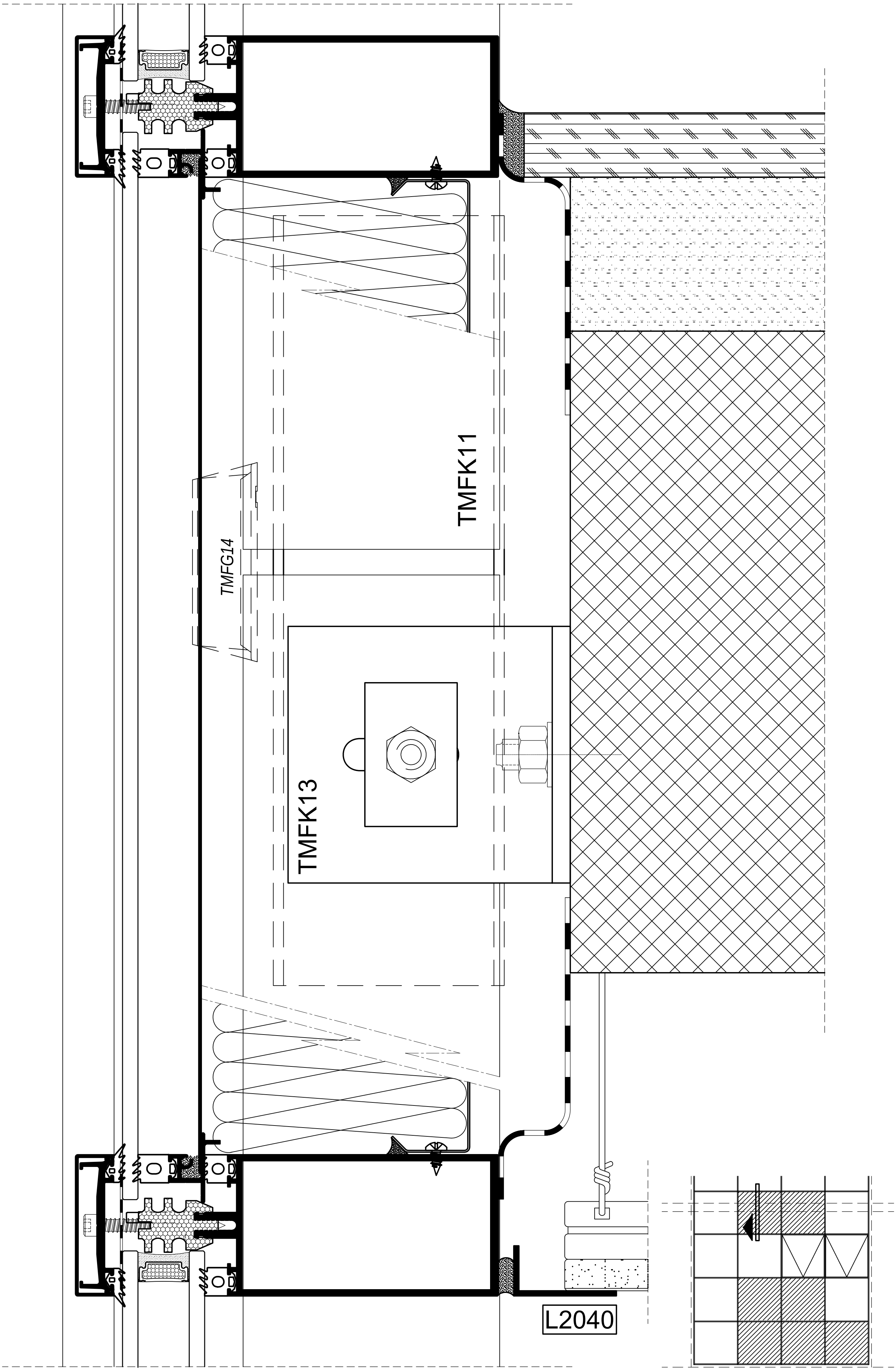

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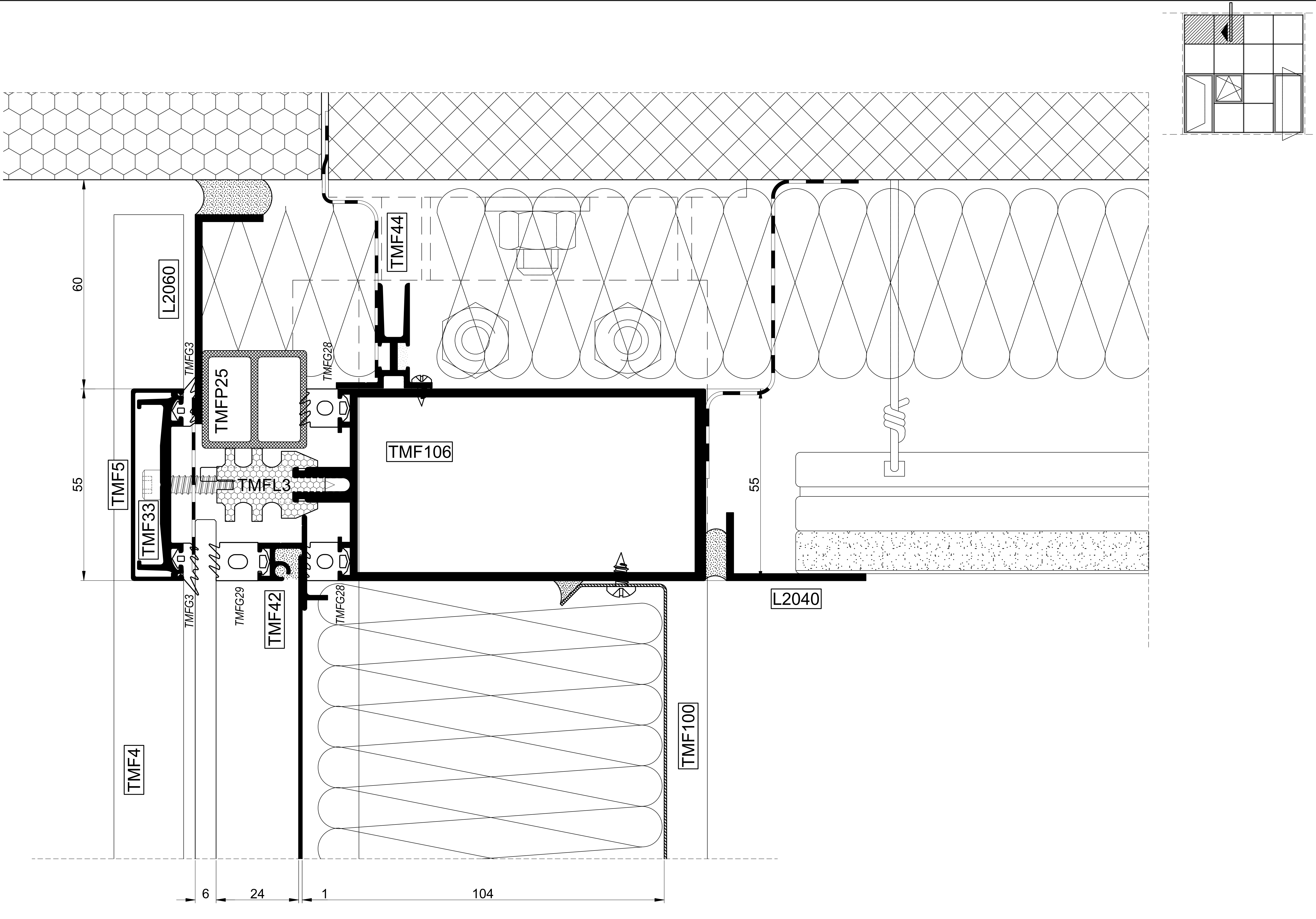
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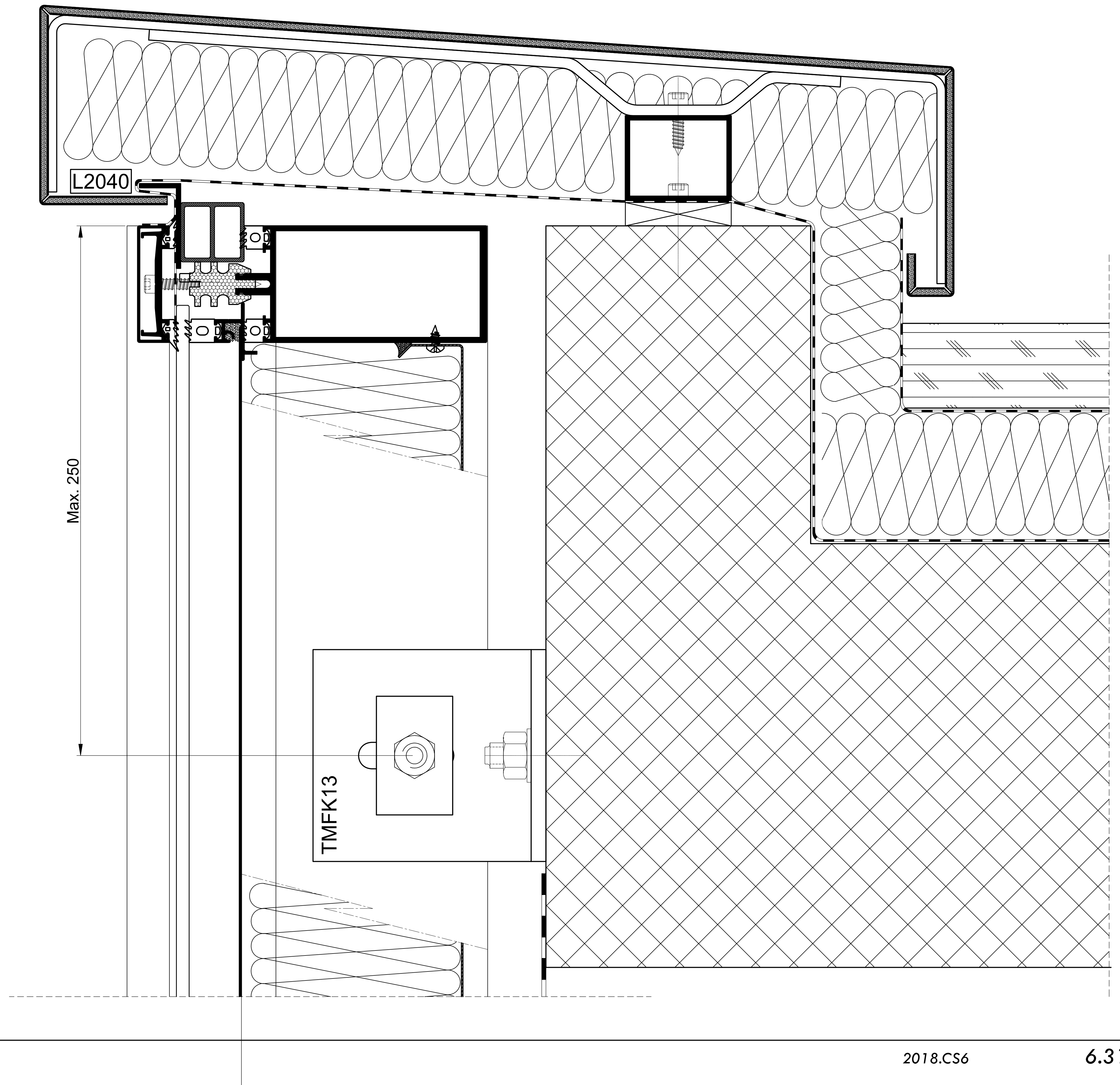
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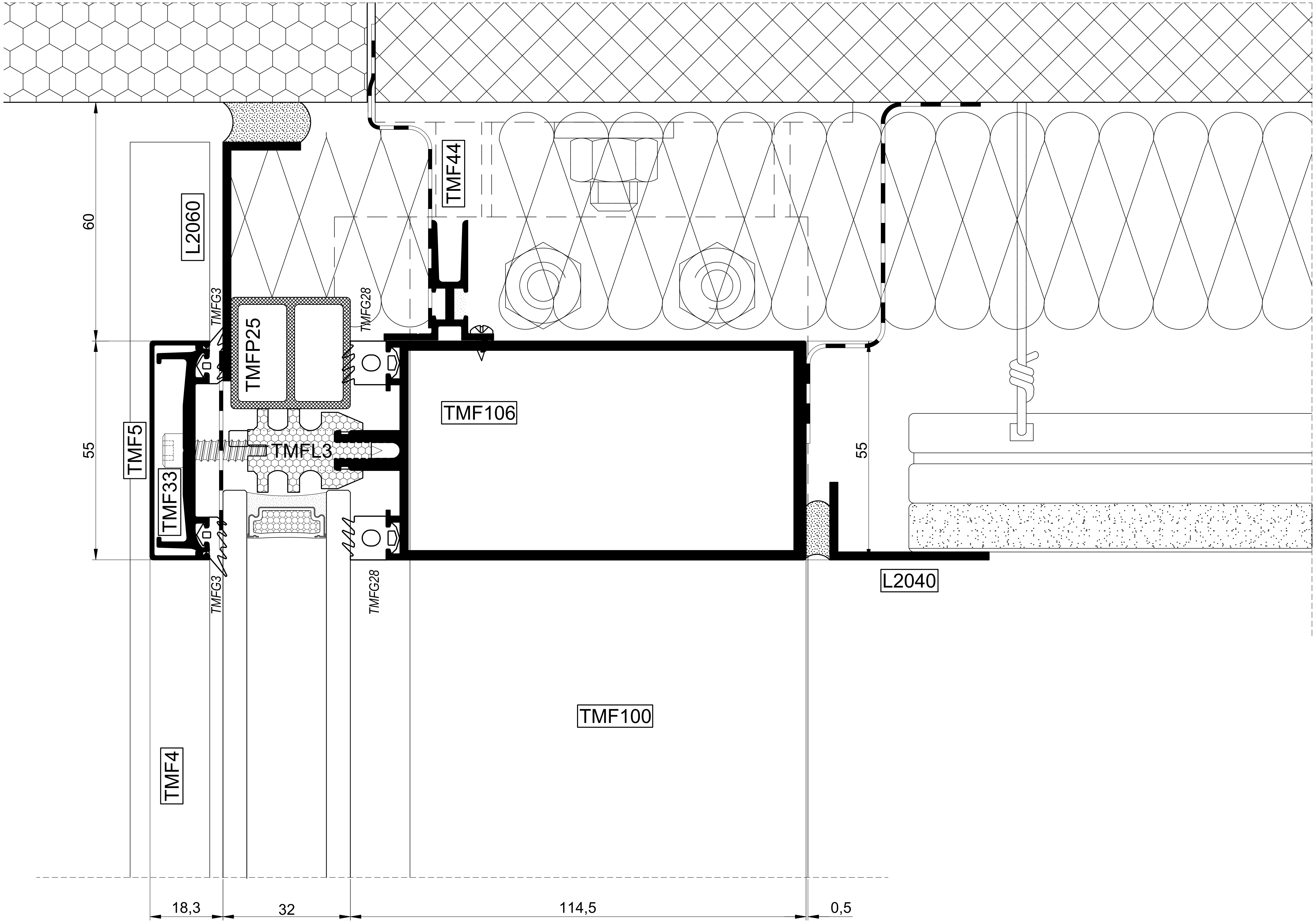
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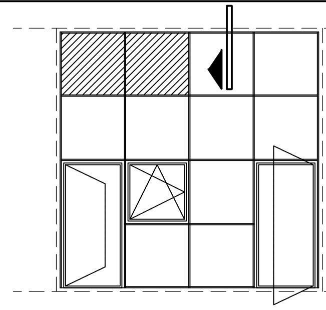

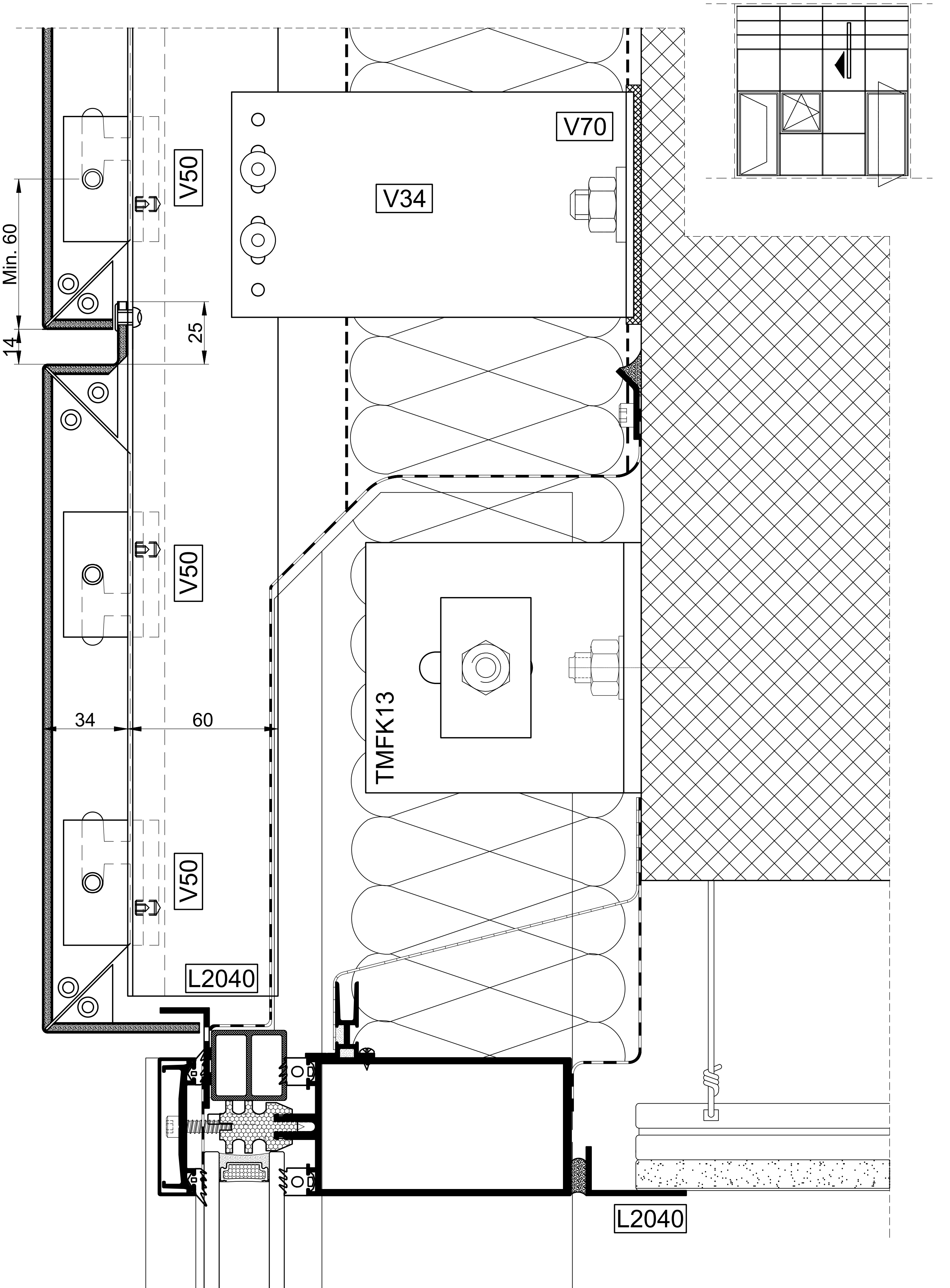
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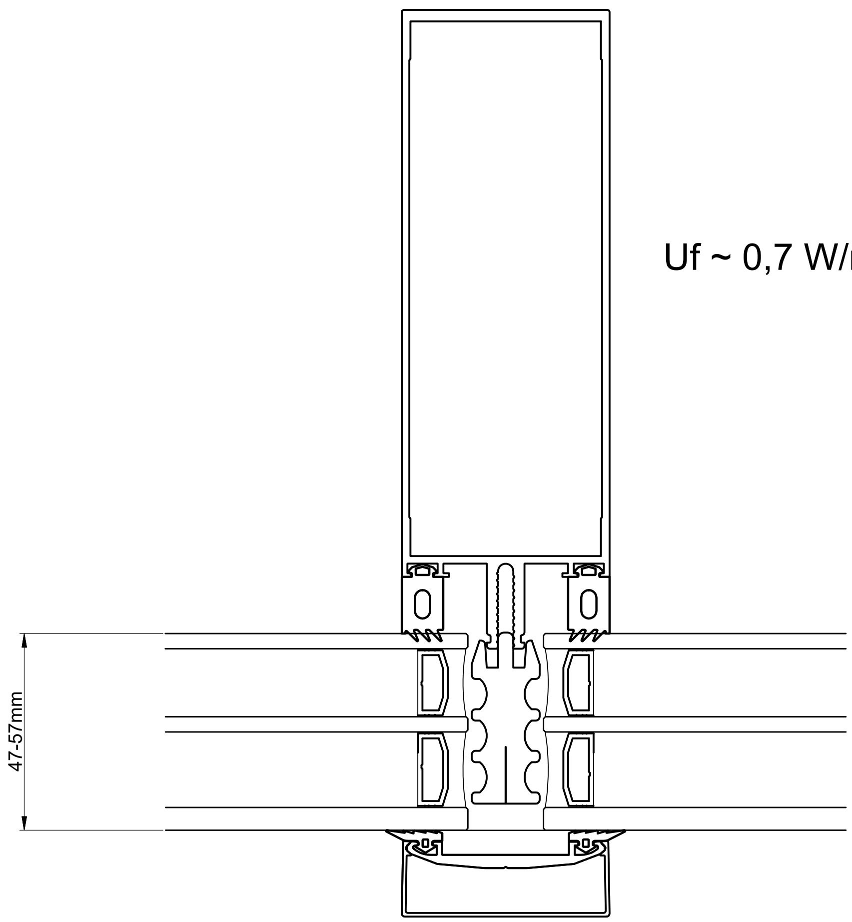
Sistem
System
Система

ALUMINIK CS55

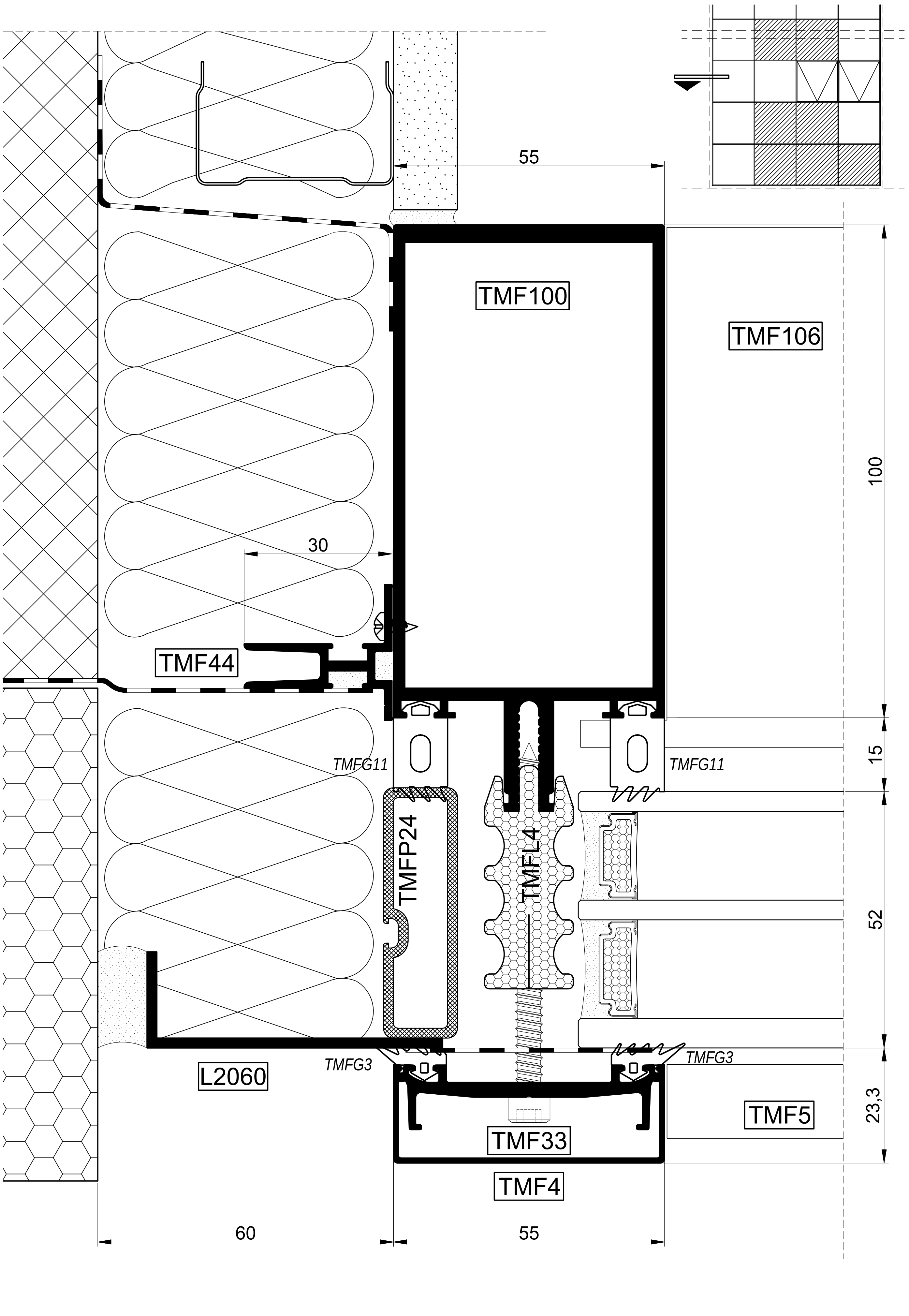
Kontinualna fasada
Continual facade
Непрерывный фасад

2

Troslojno ostakljenje
Triple glazing
Трокамерный стеклопакет



Pokrivna kapa
Cover cap
Торцевая крышка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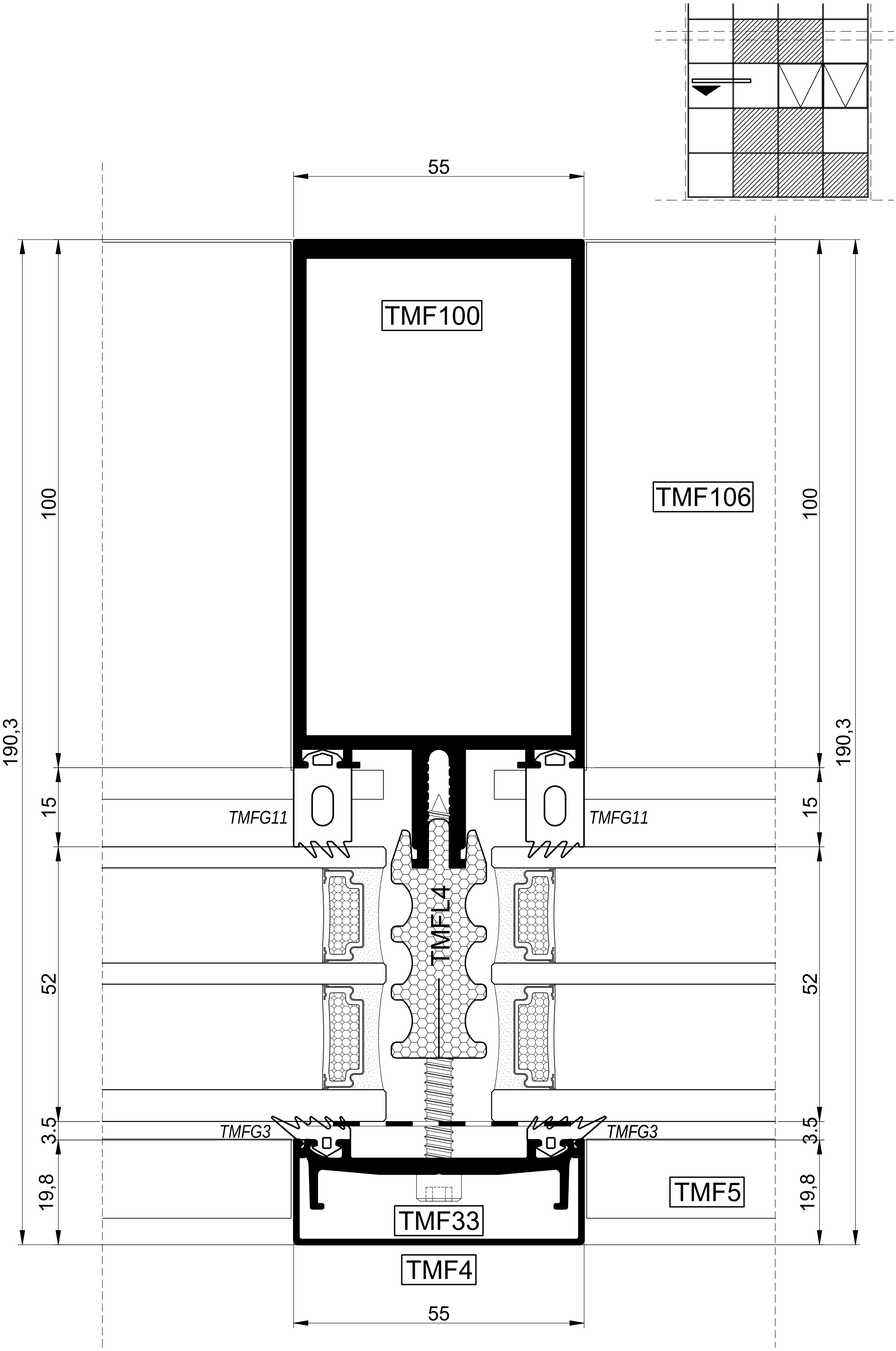
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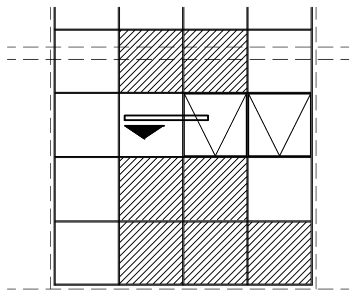

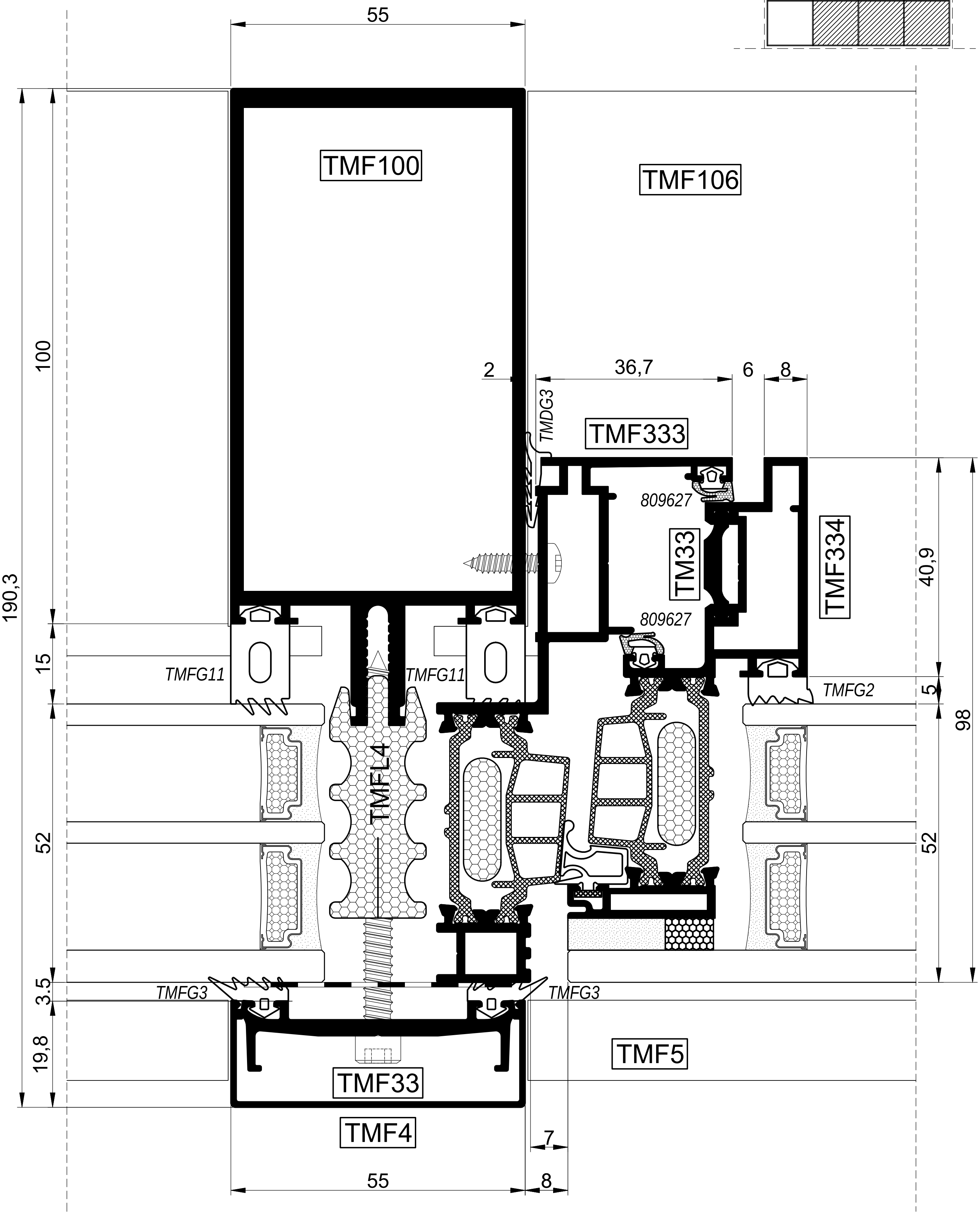
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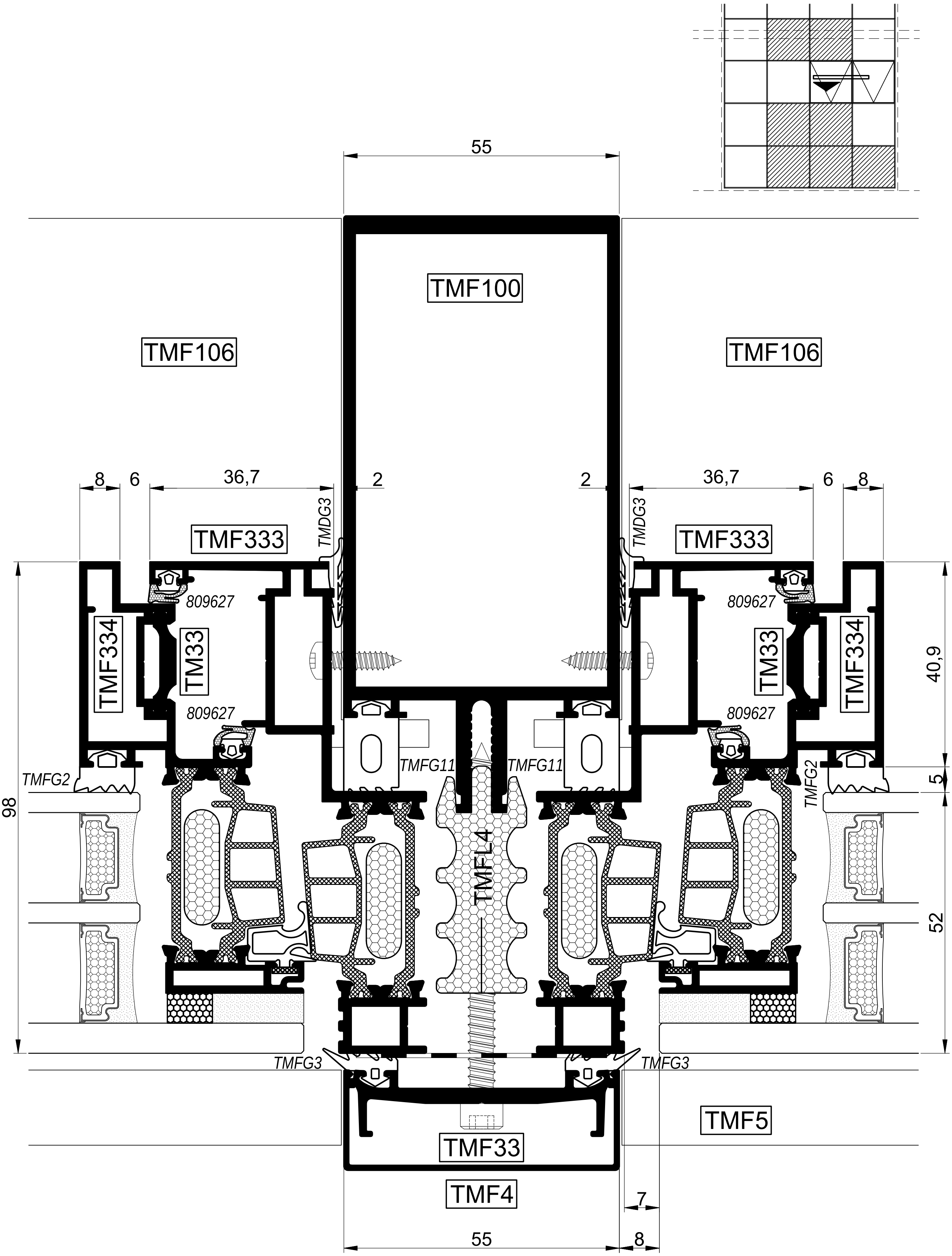
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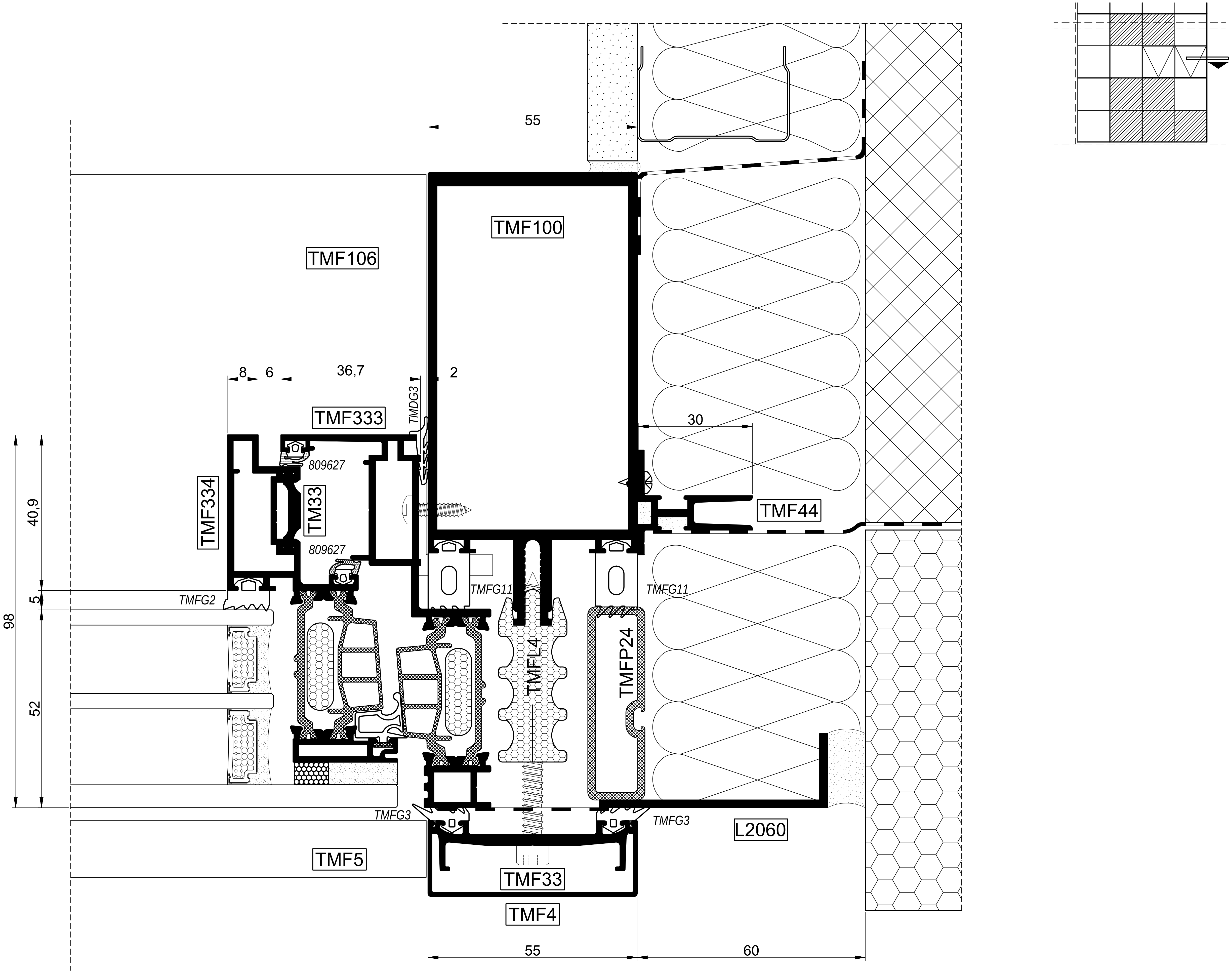
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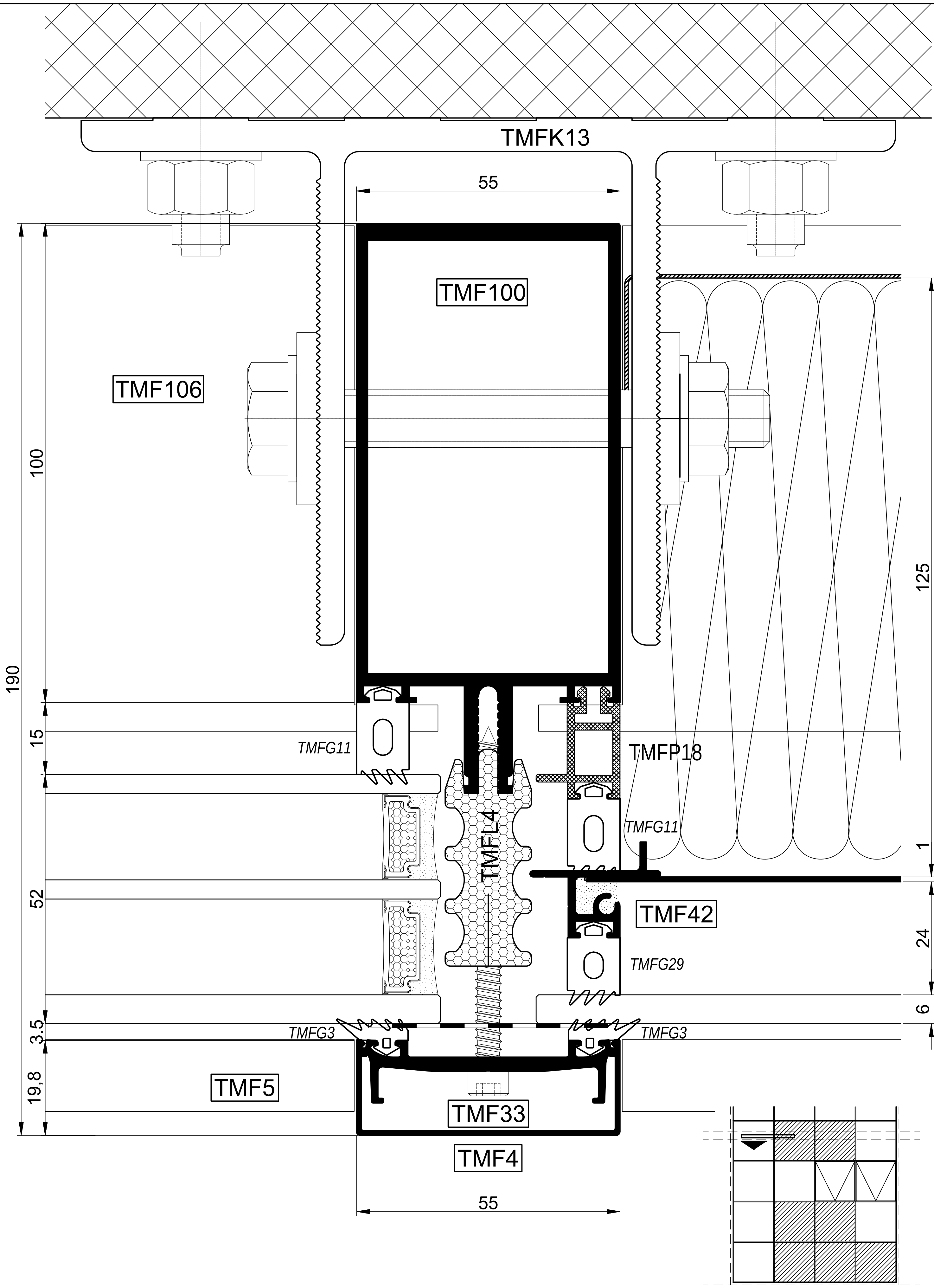

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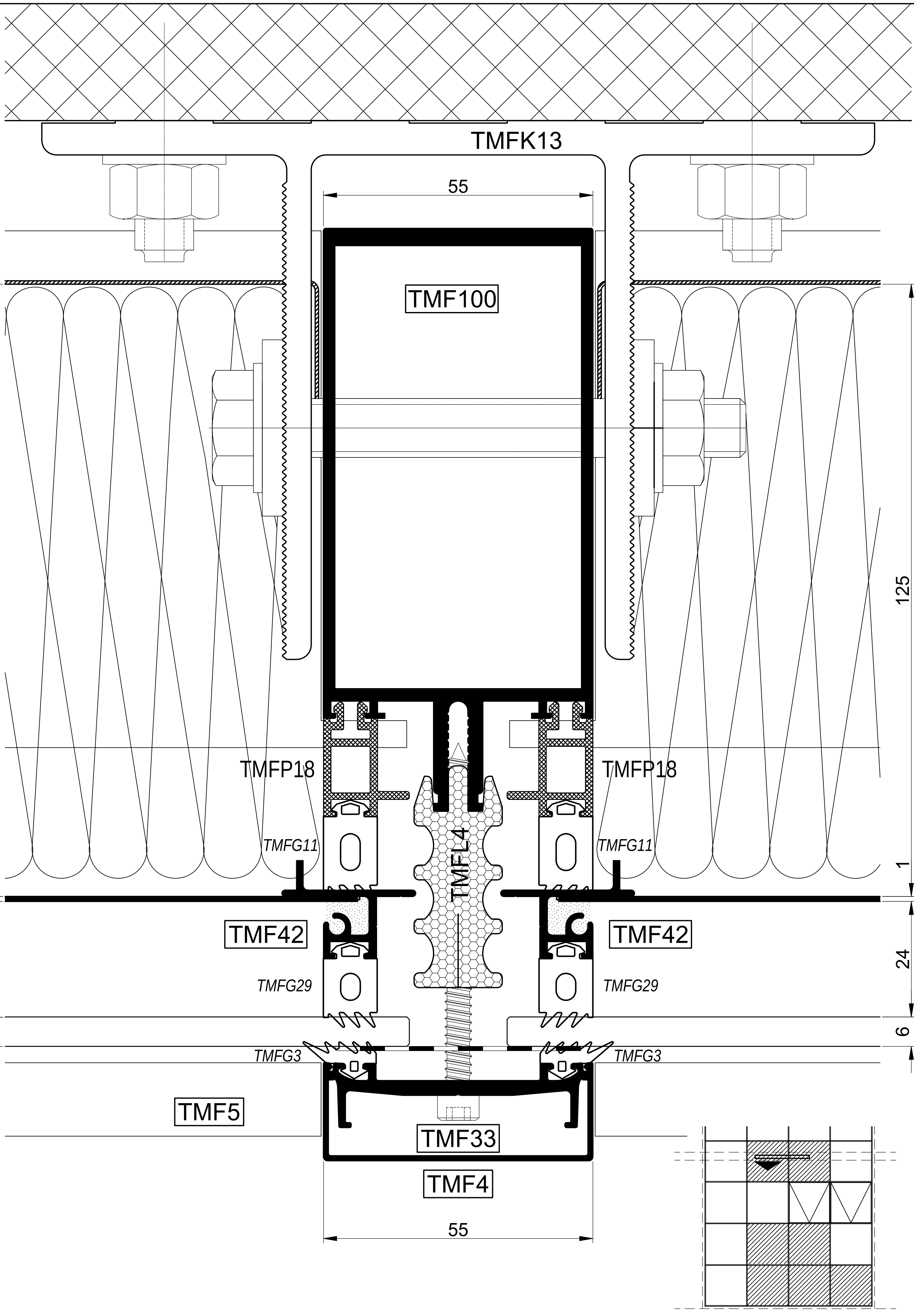
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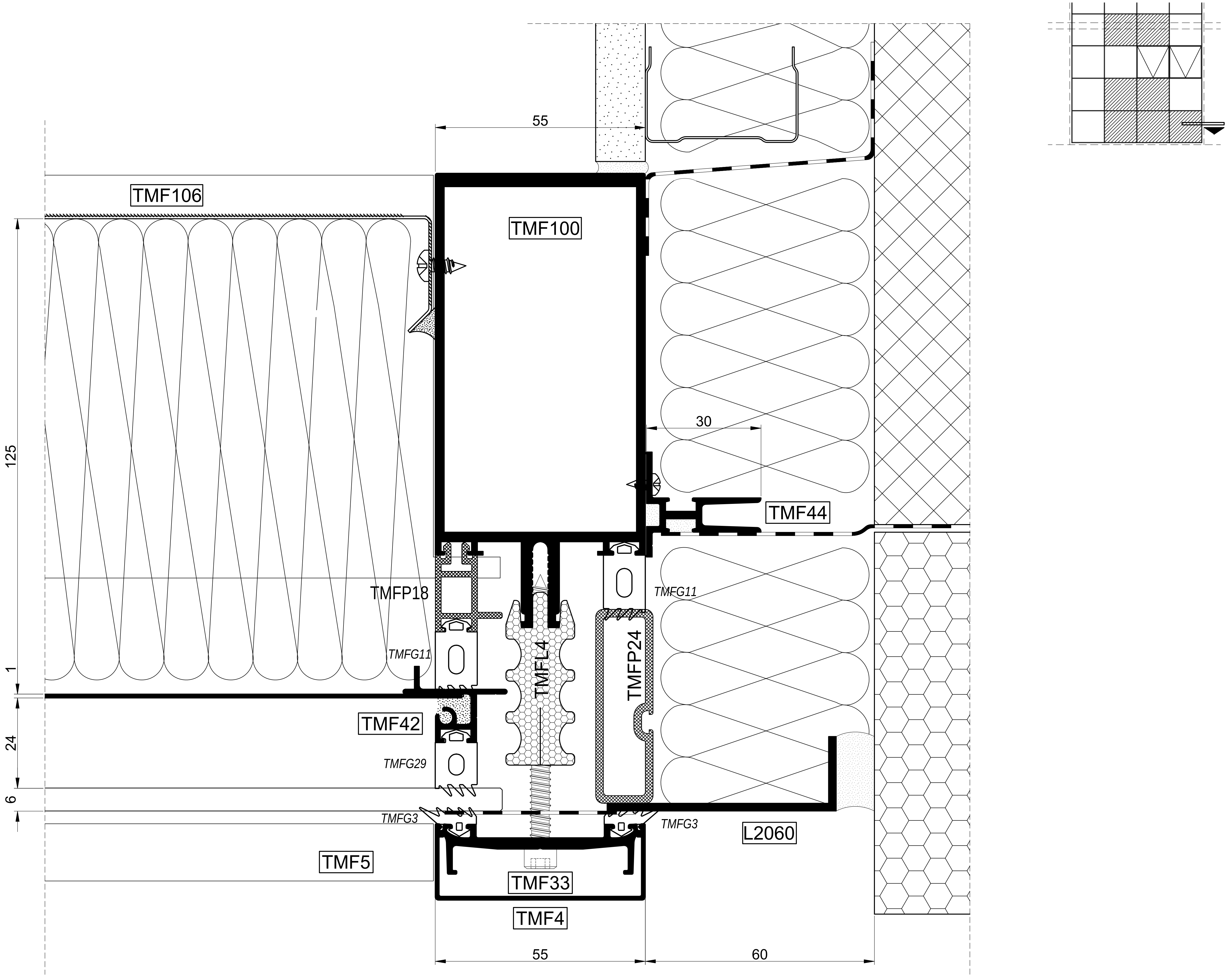
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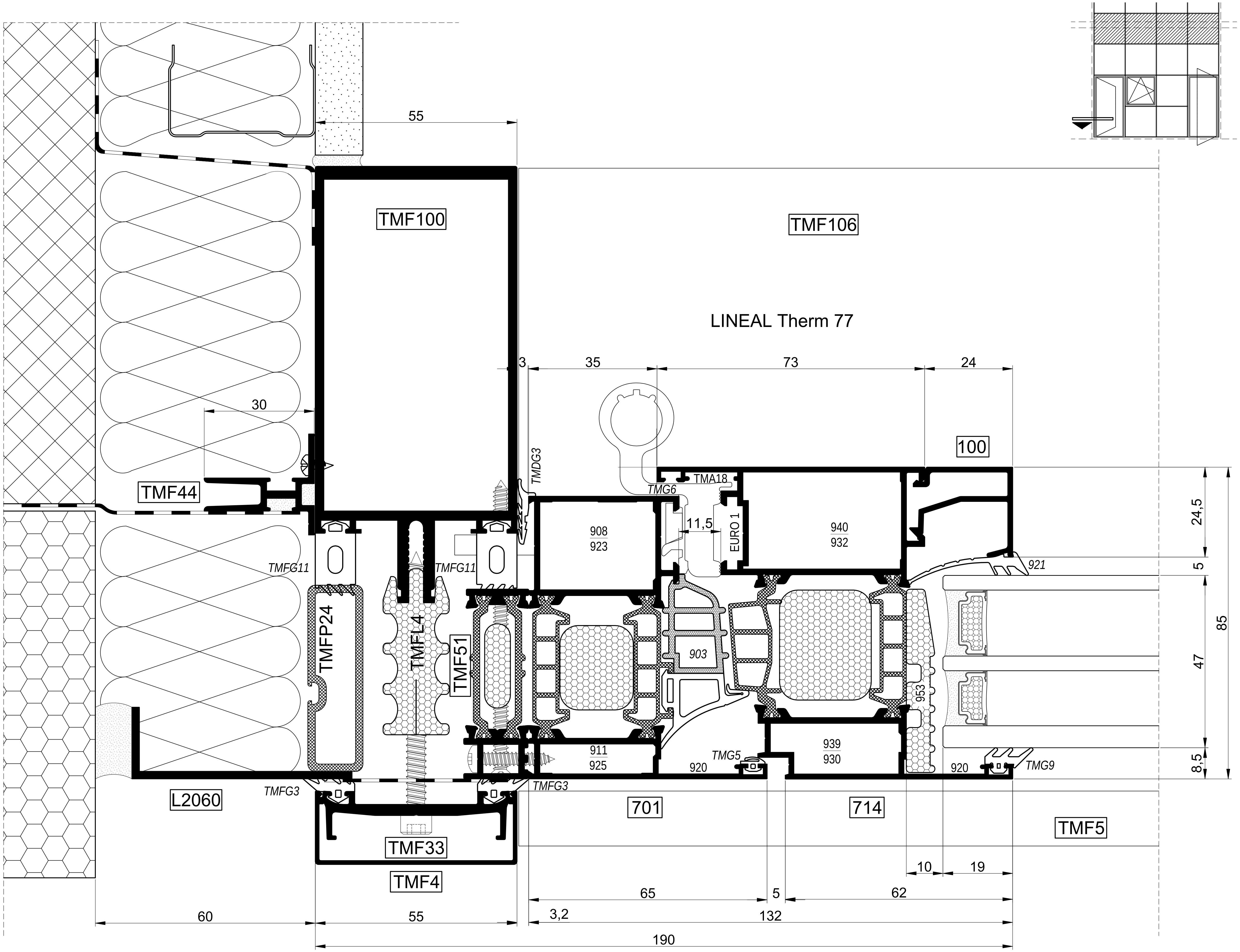
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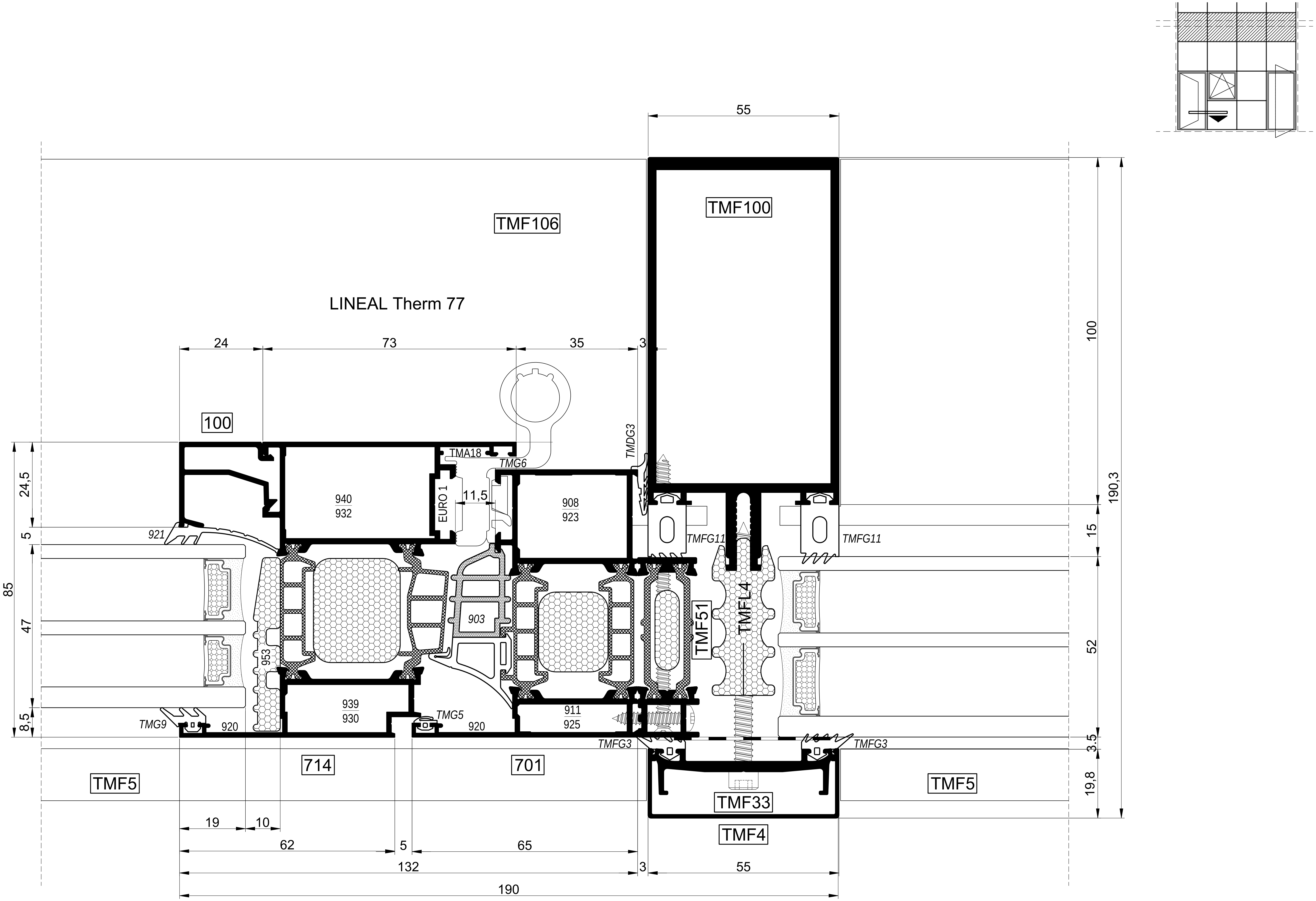
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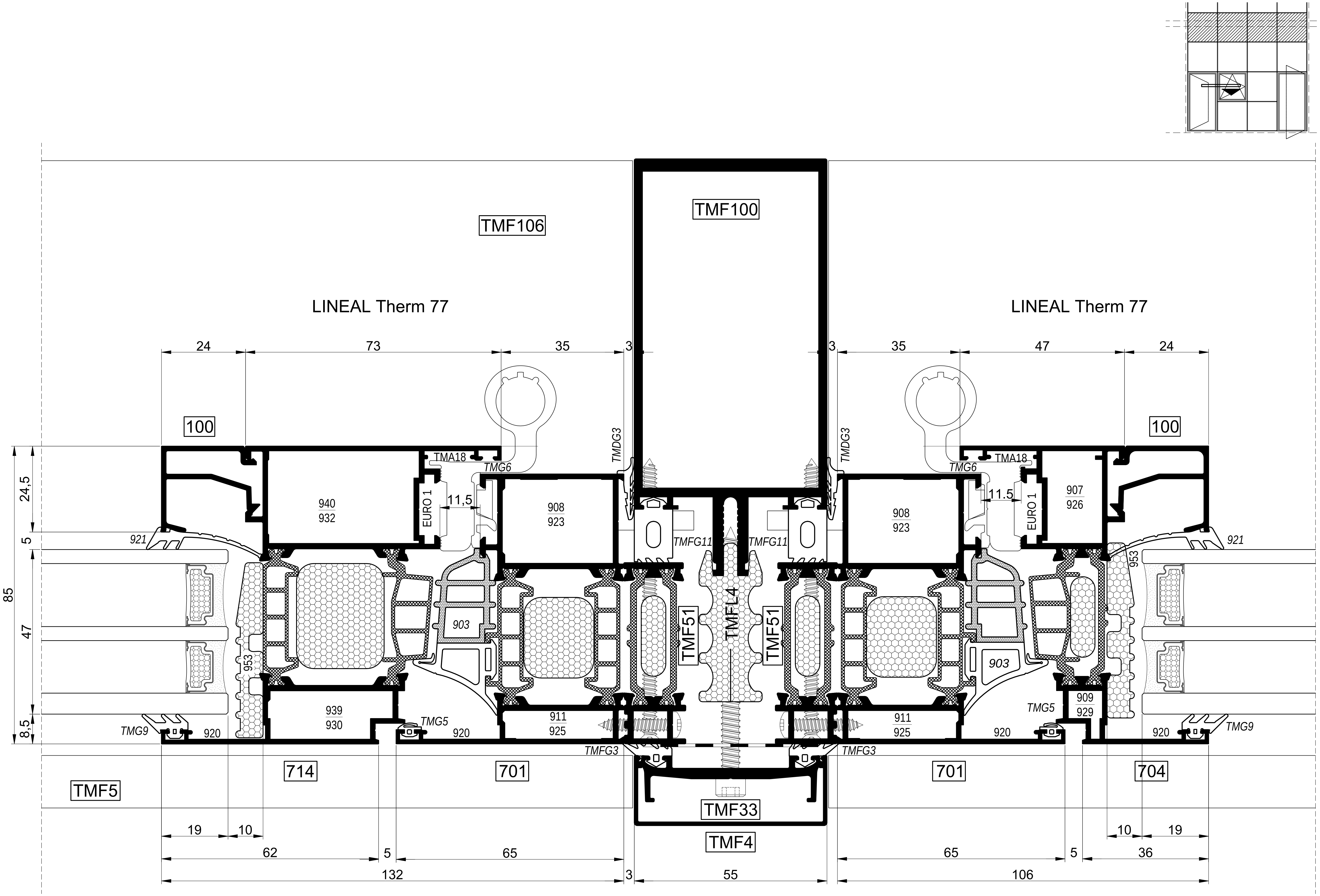
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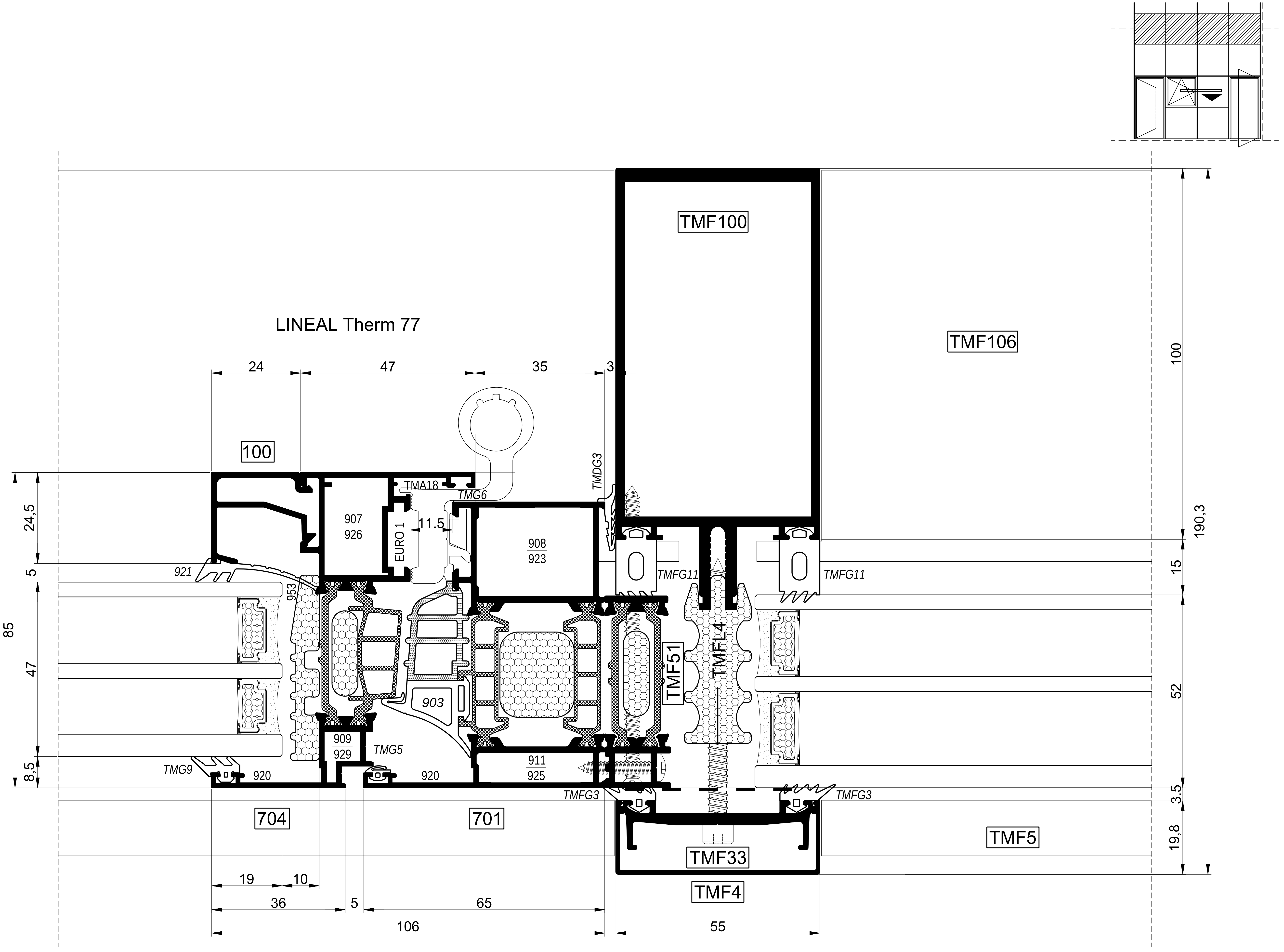
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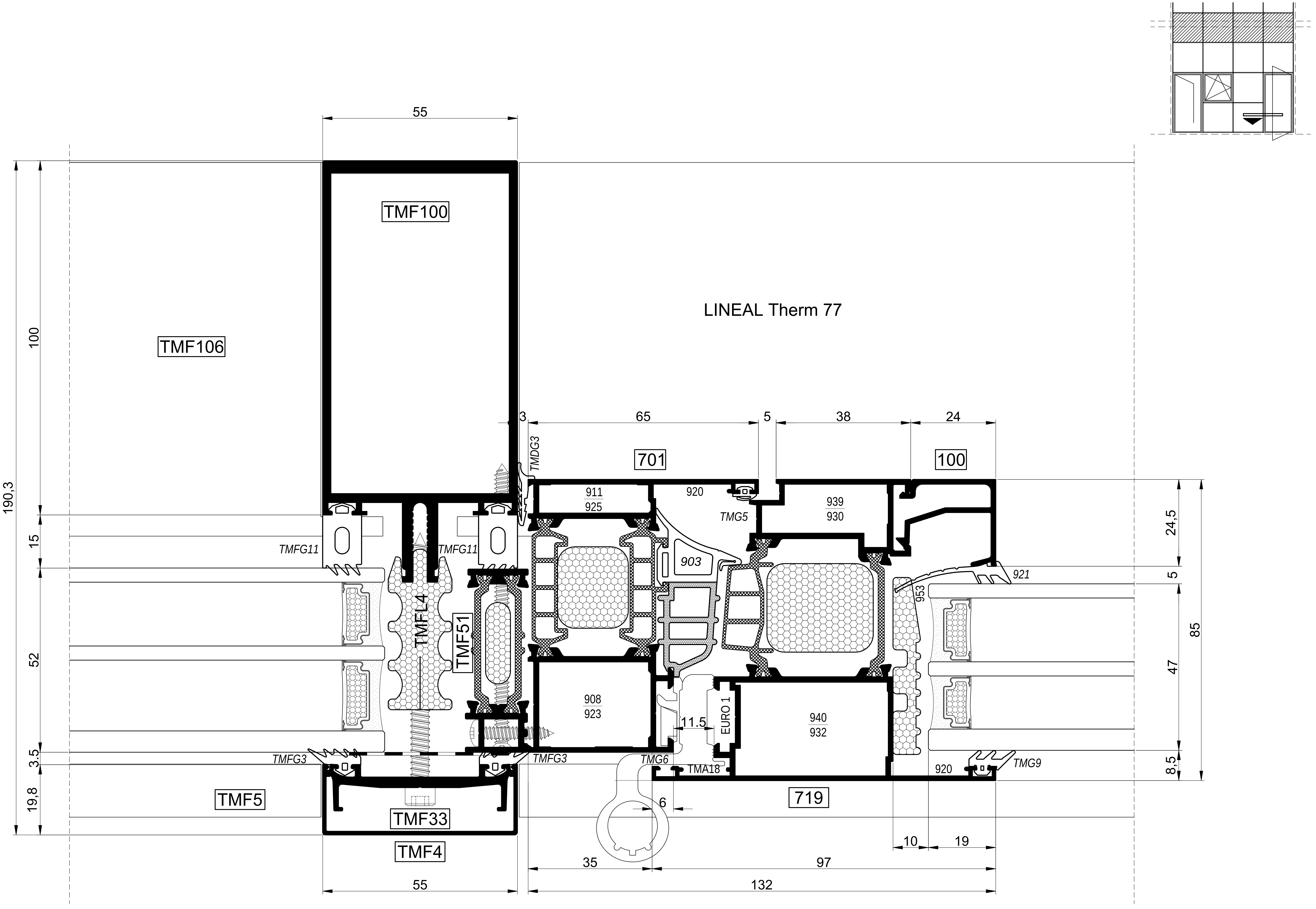
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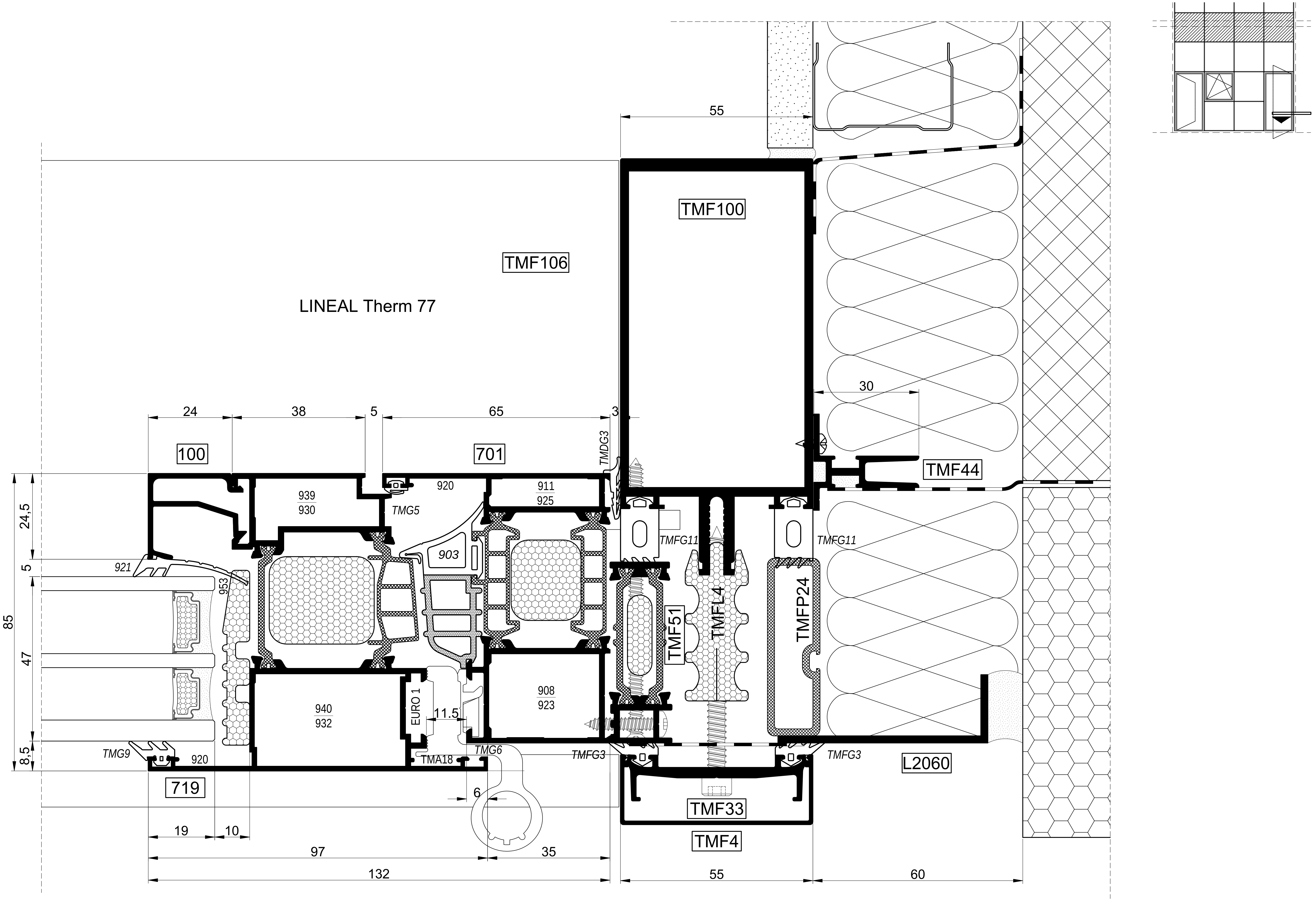
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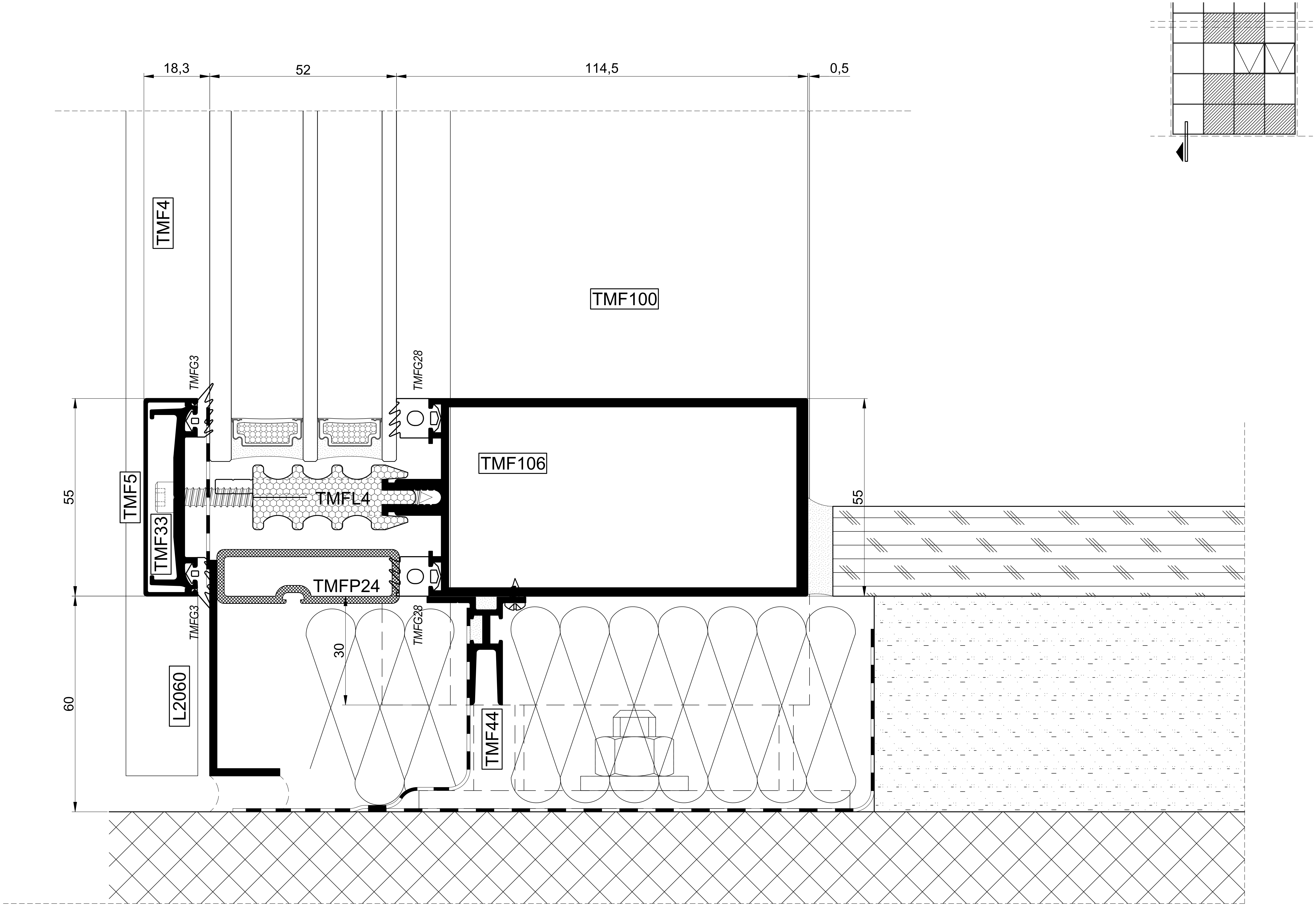
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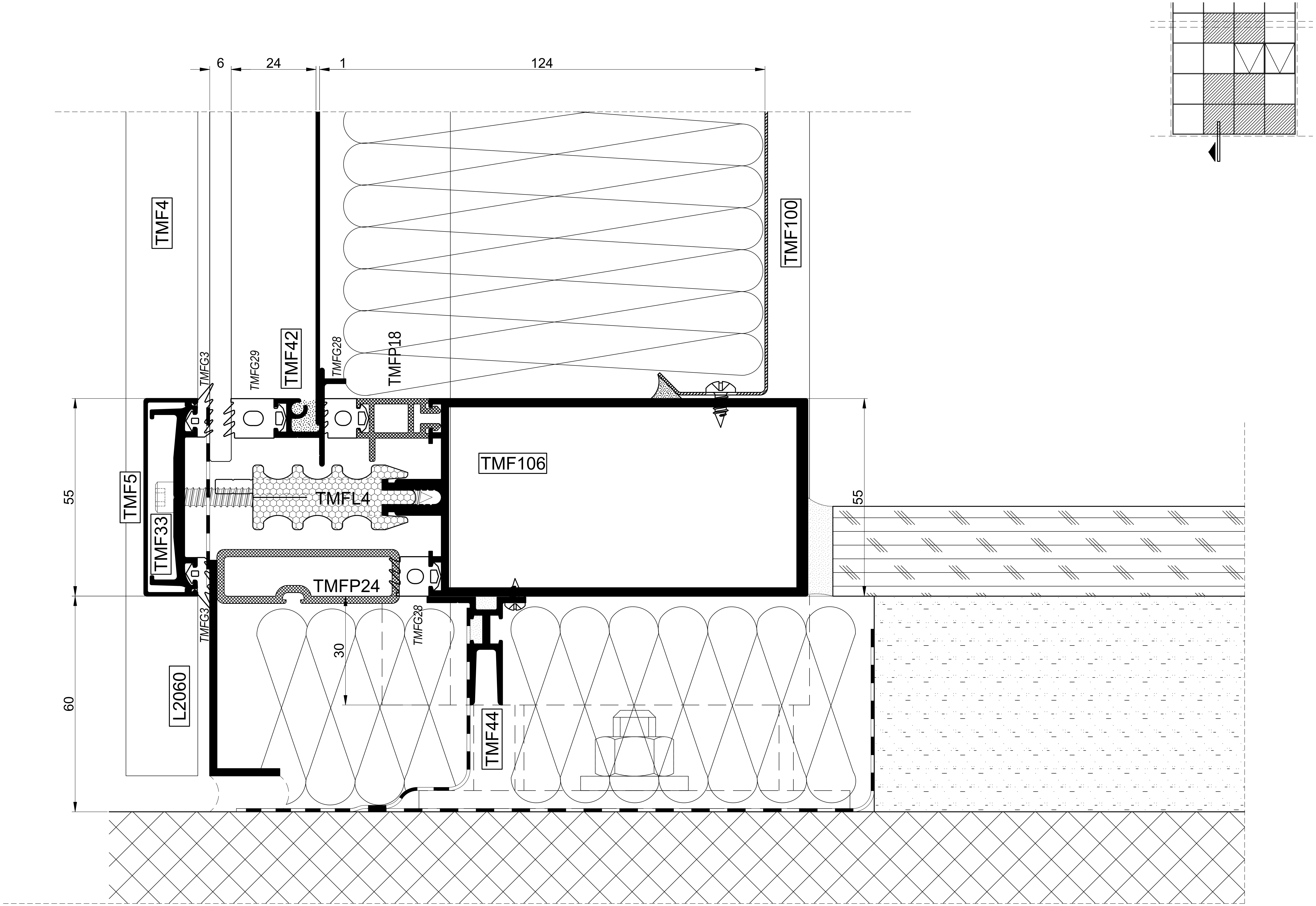
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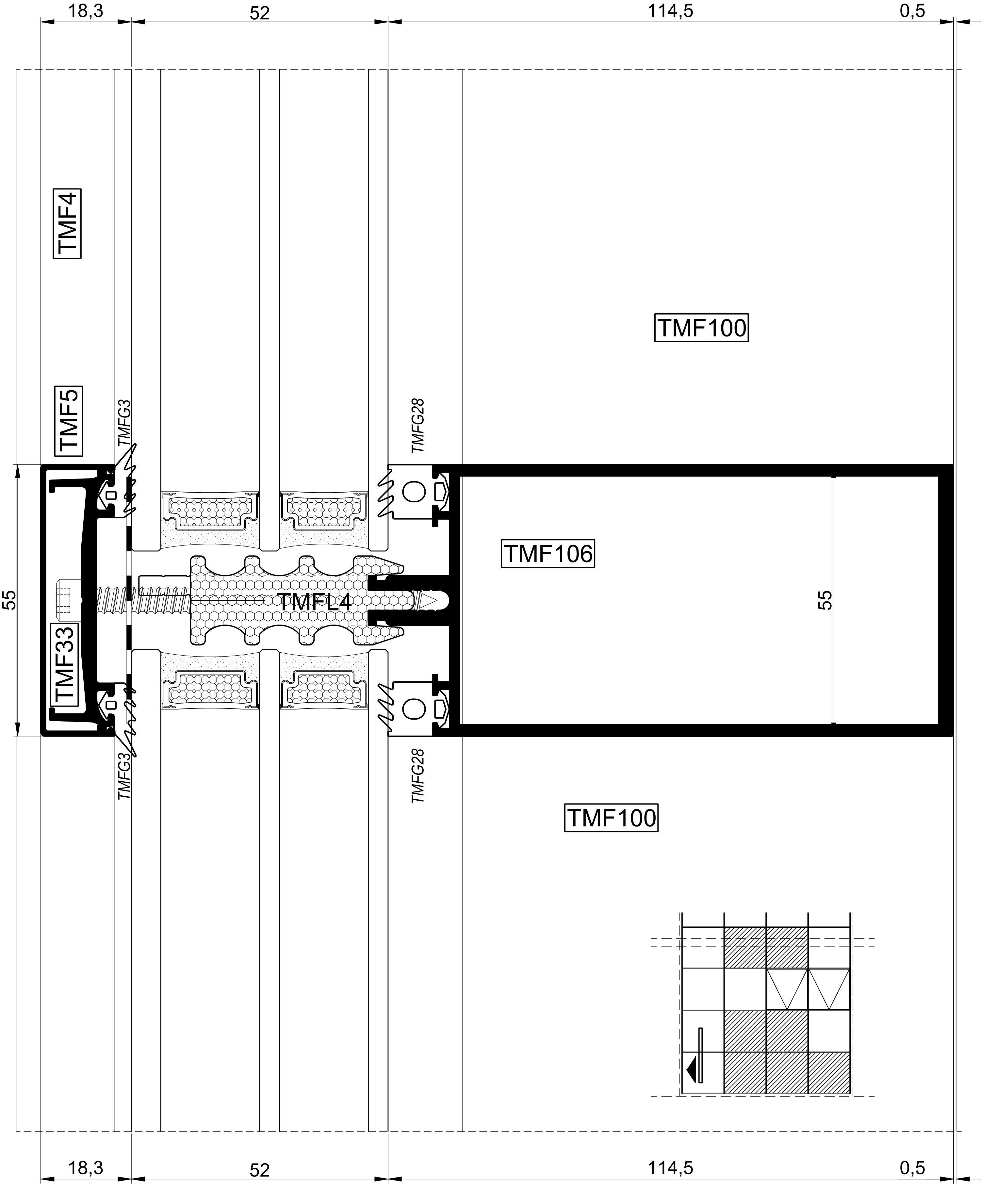
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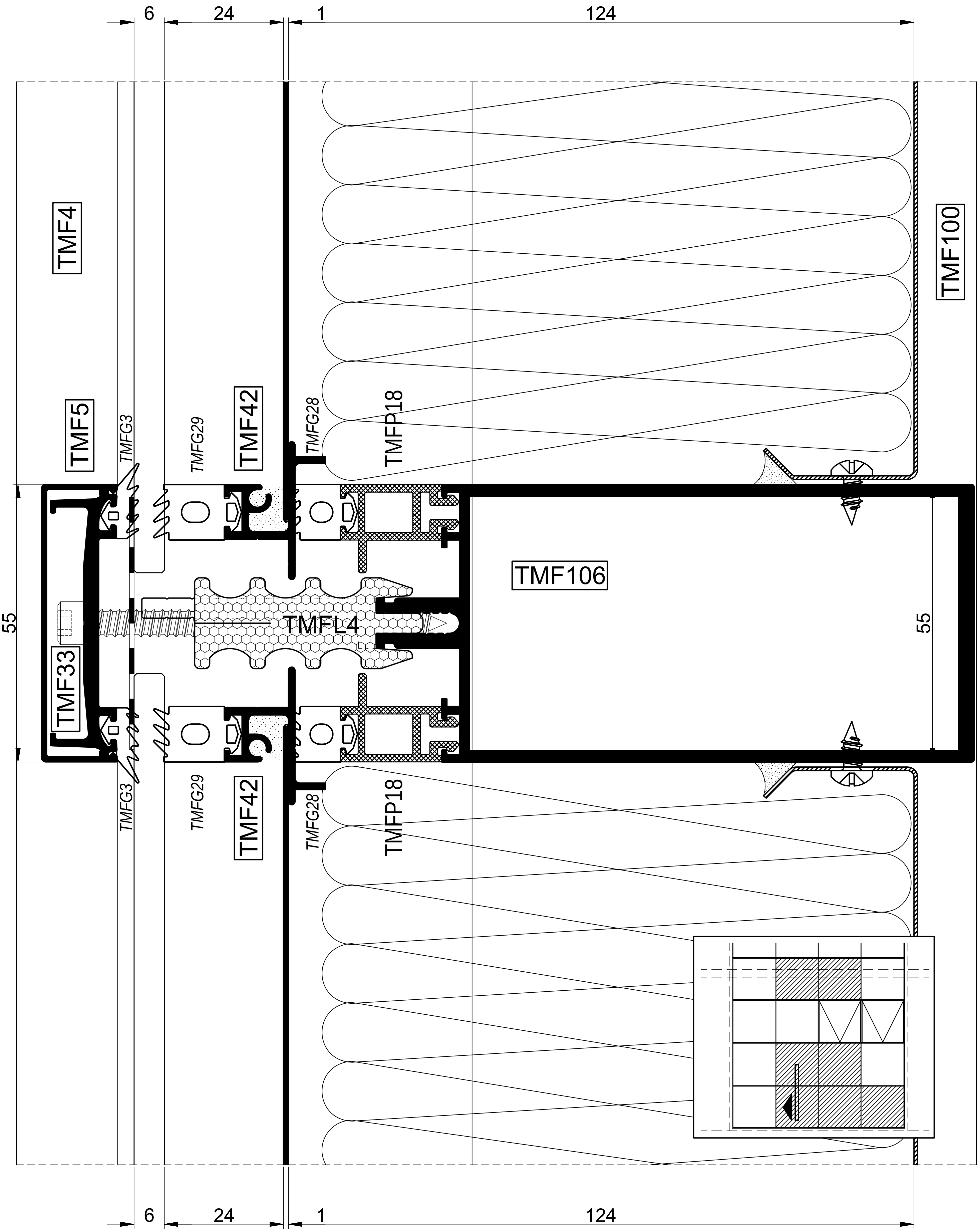
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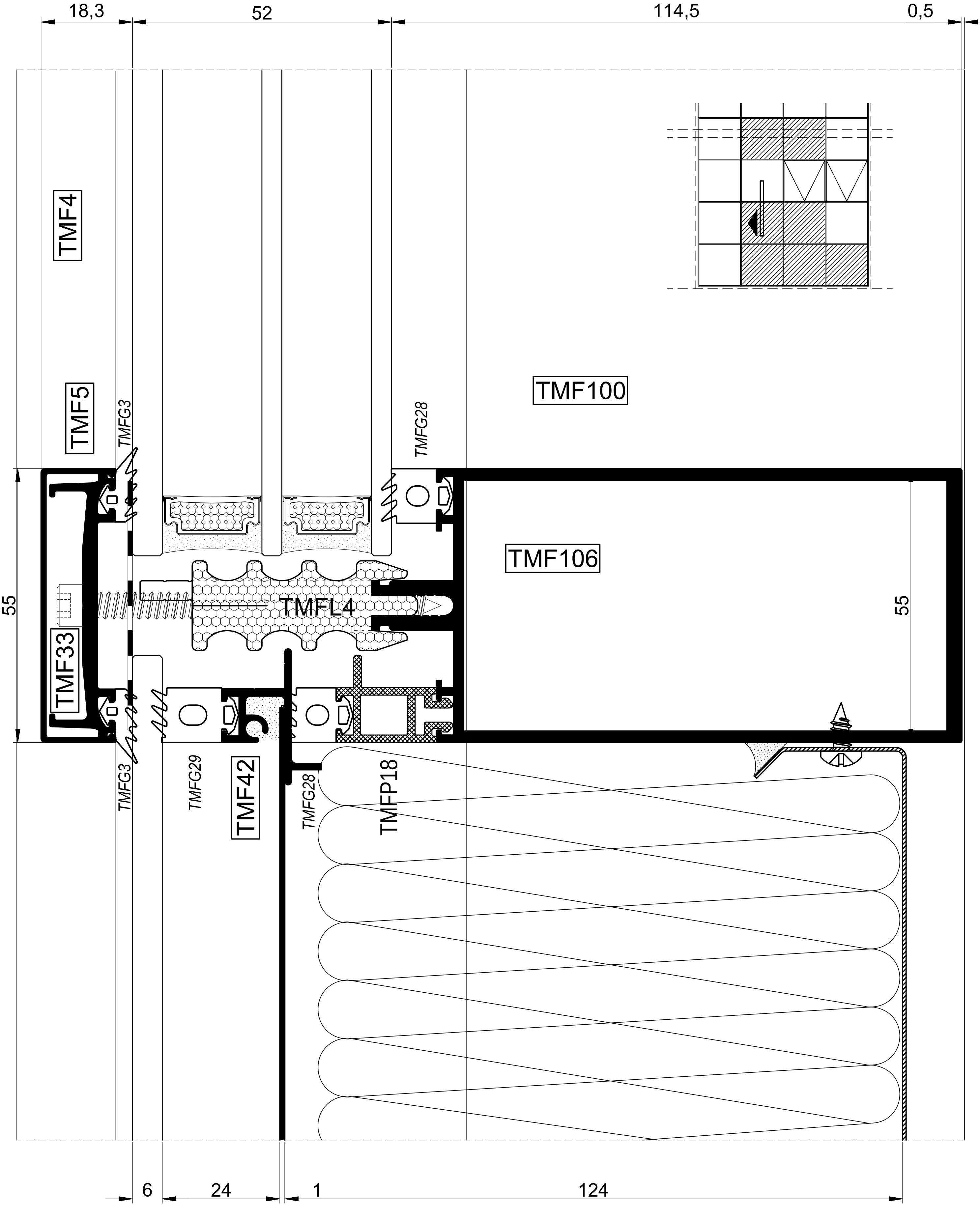
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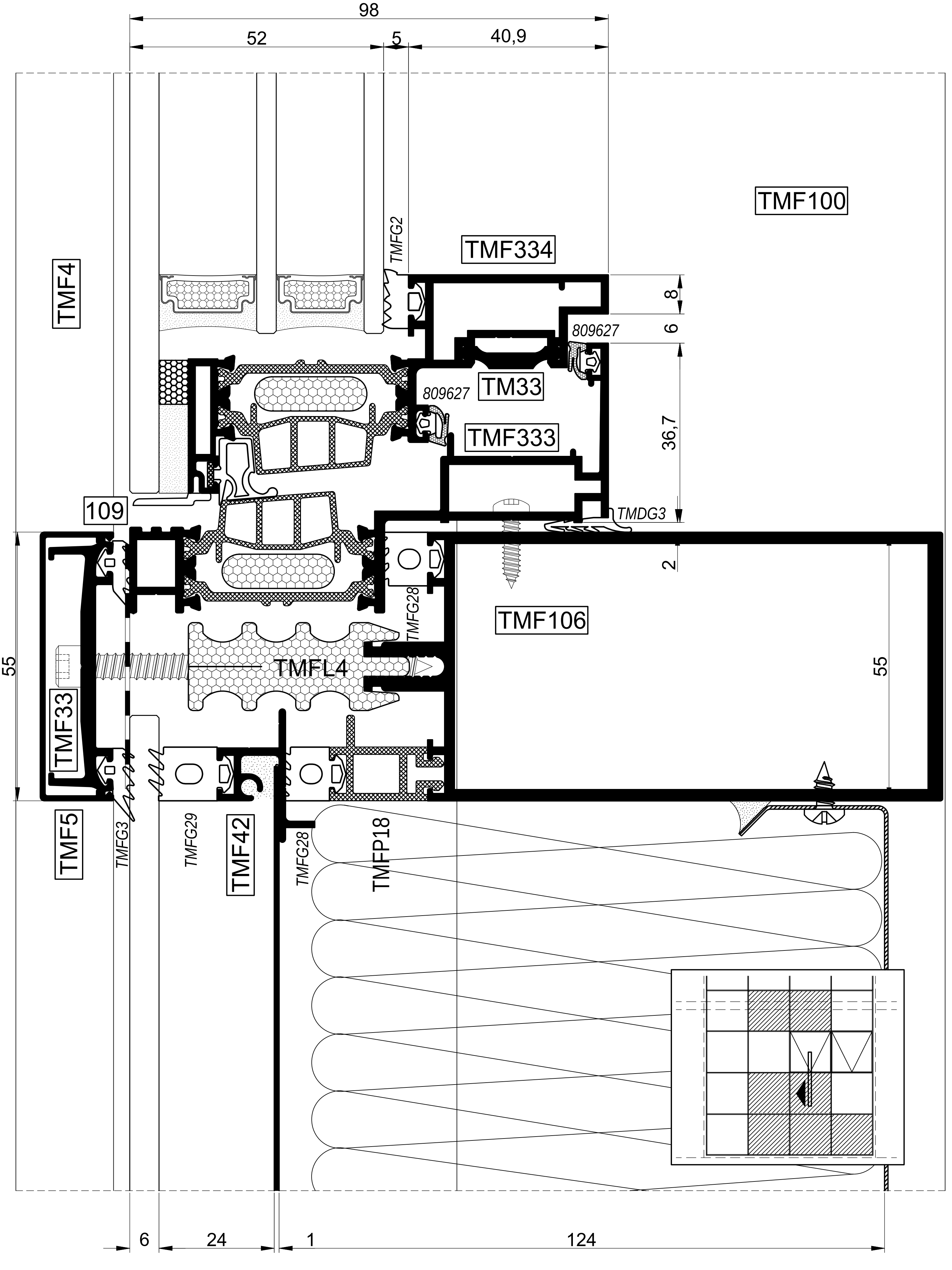
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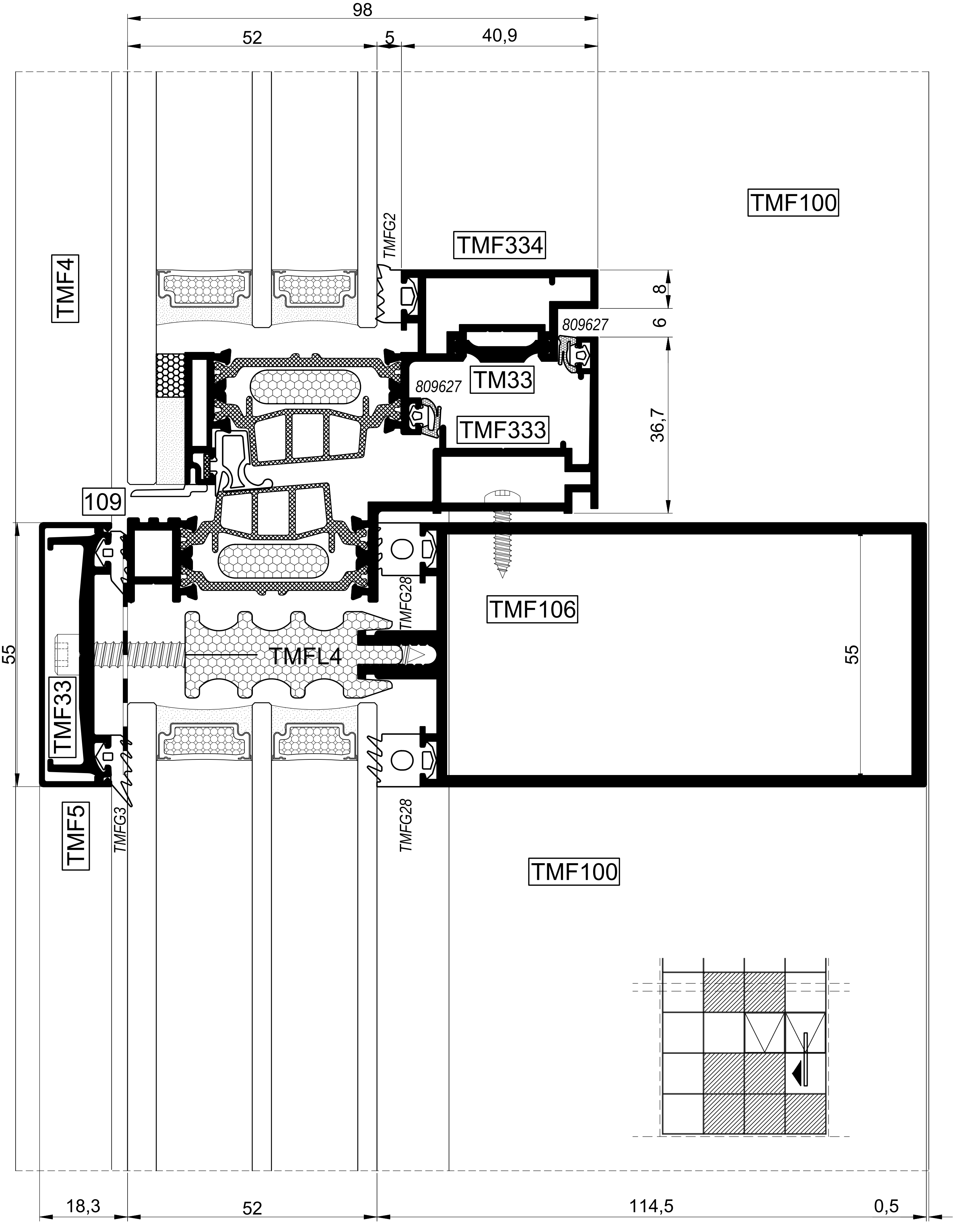
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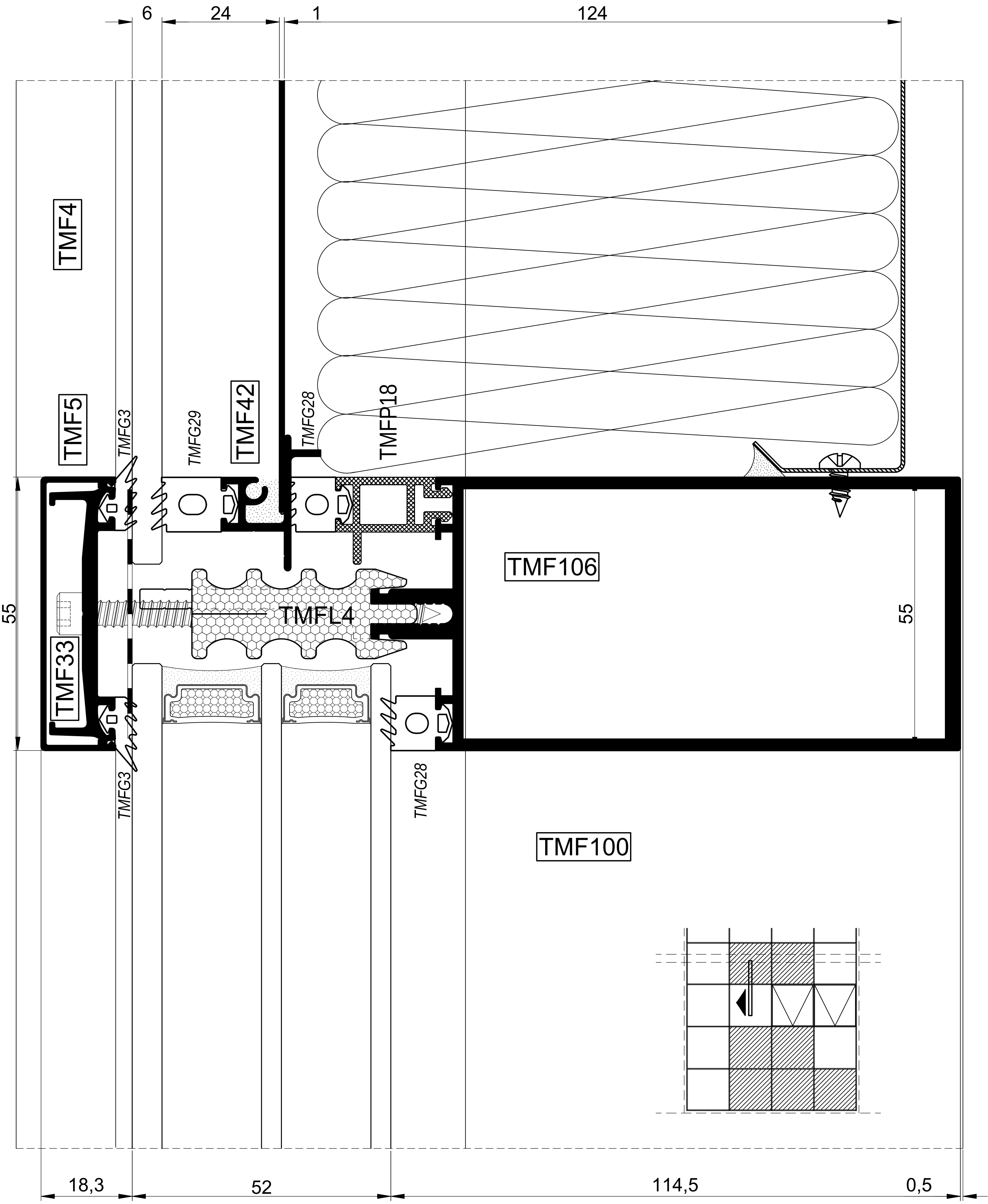
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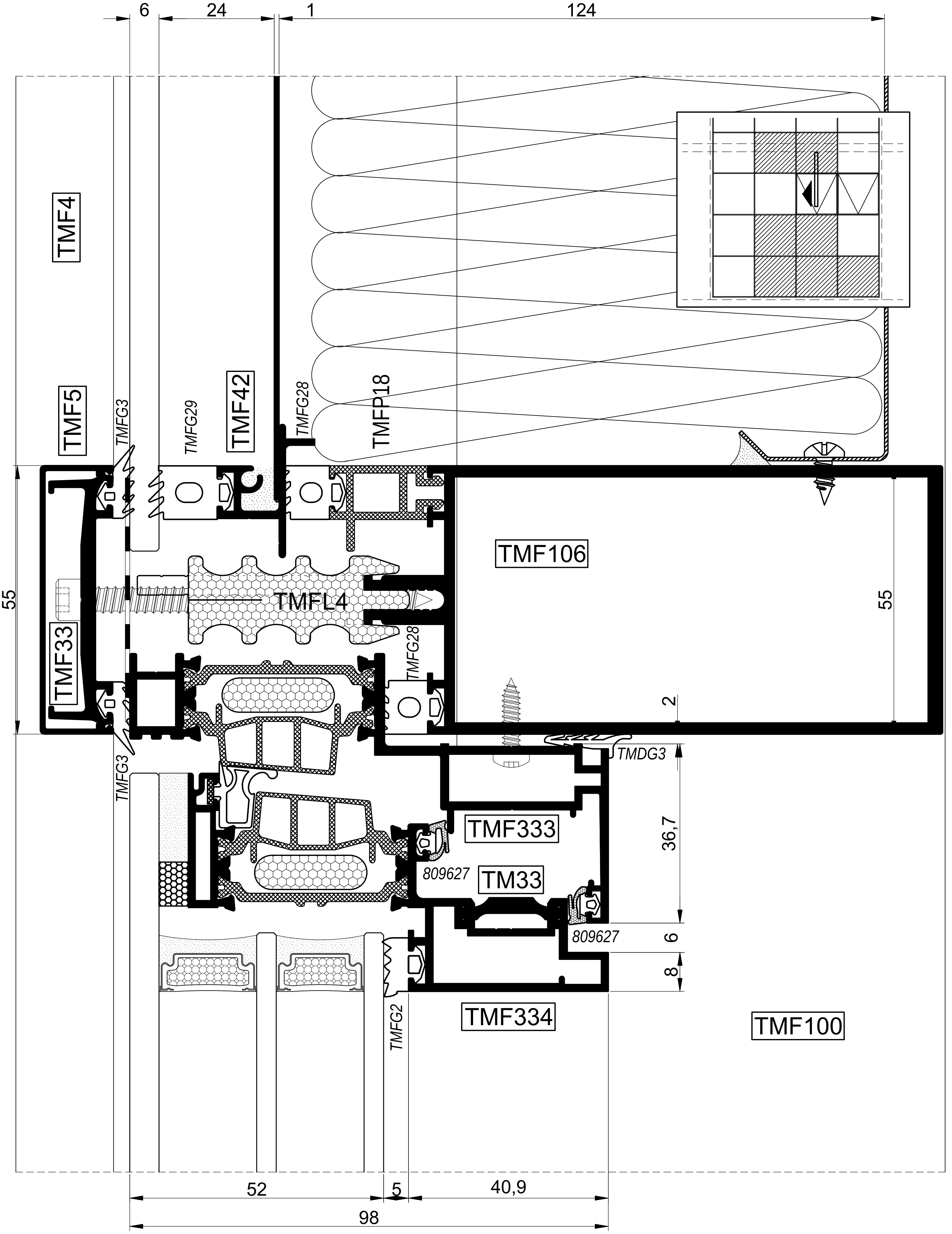
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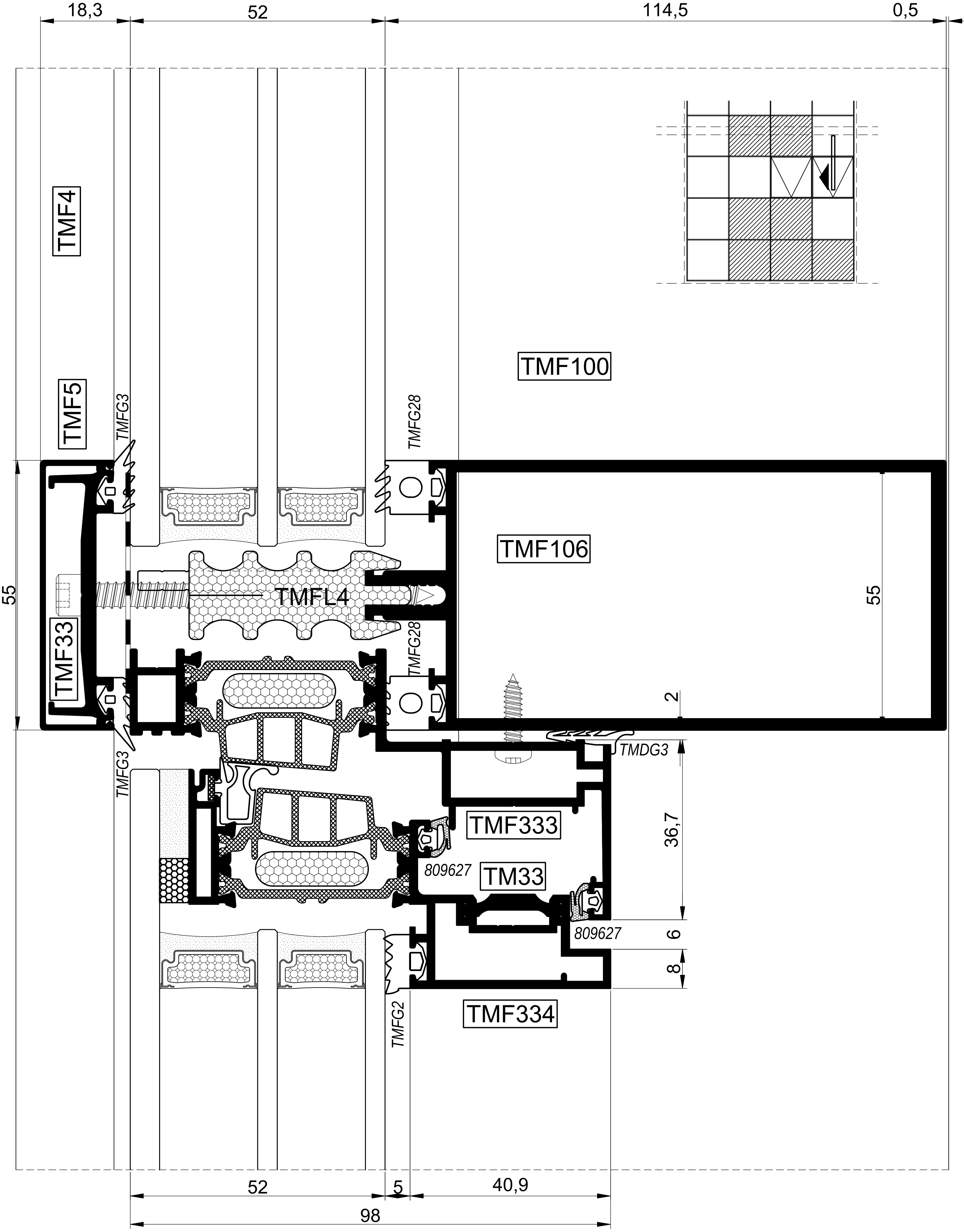
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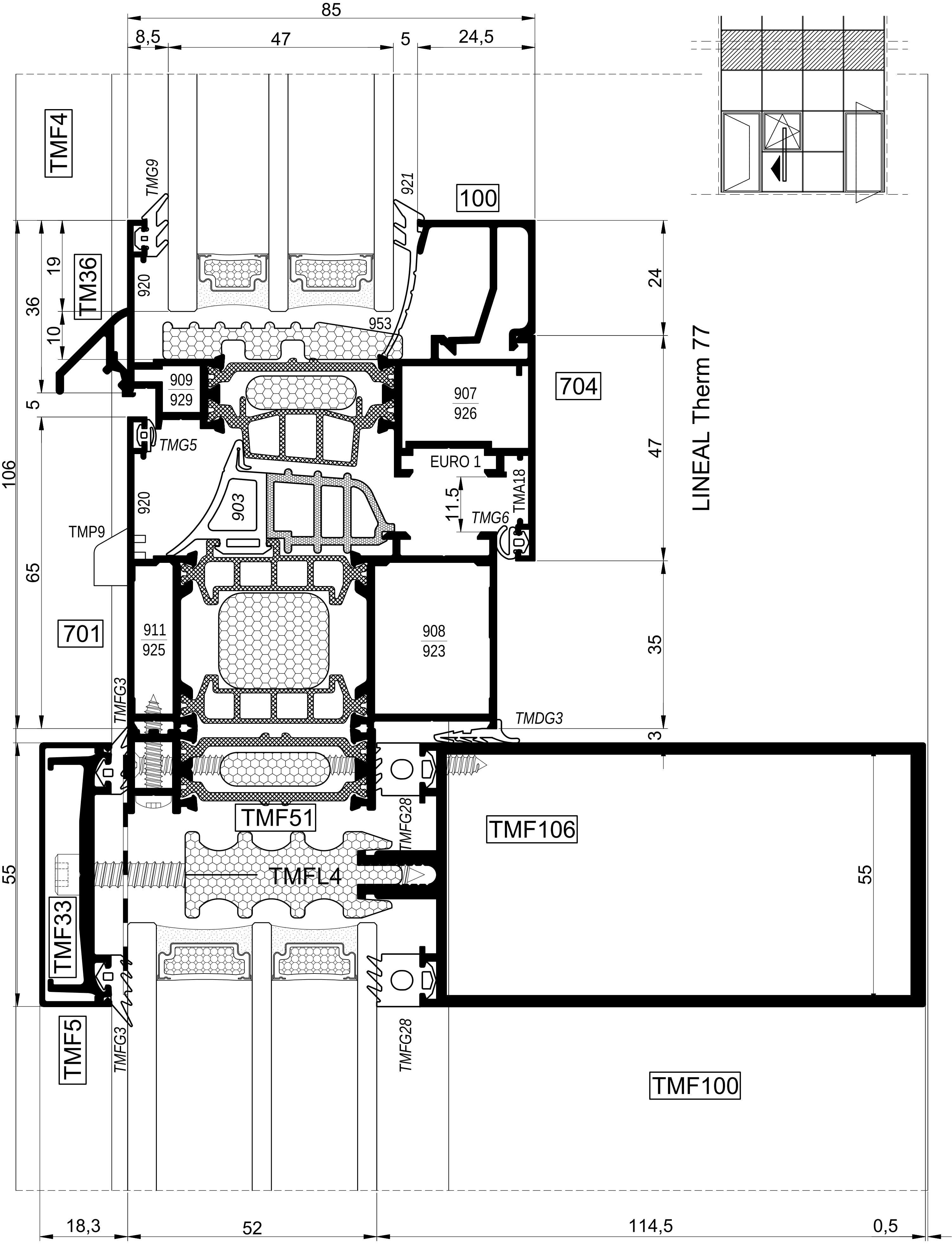
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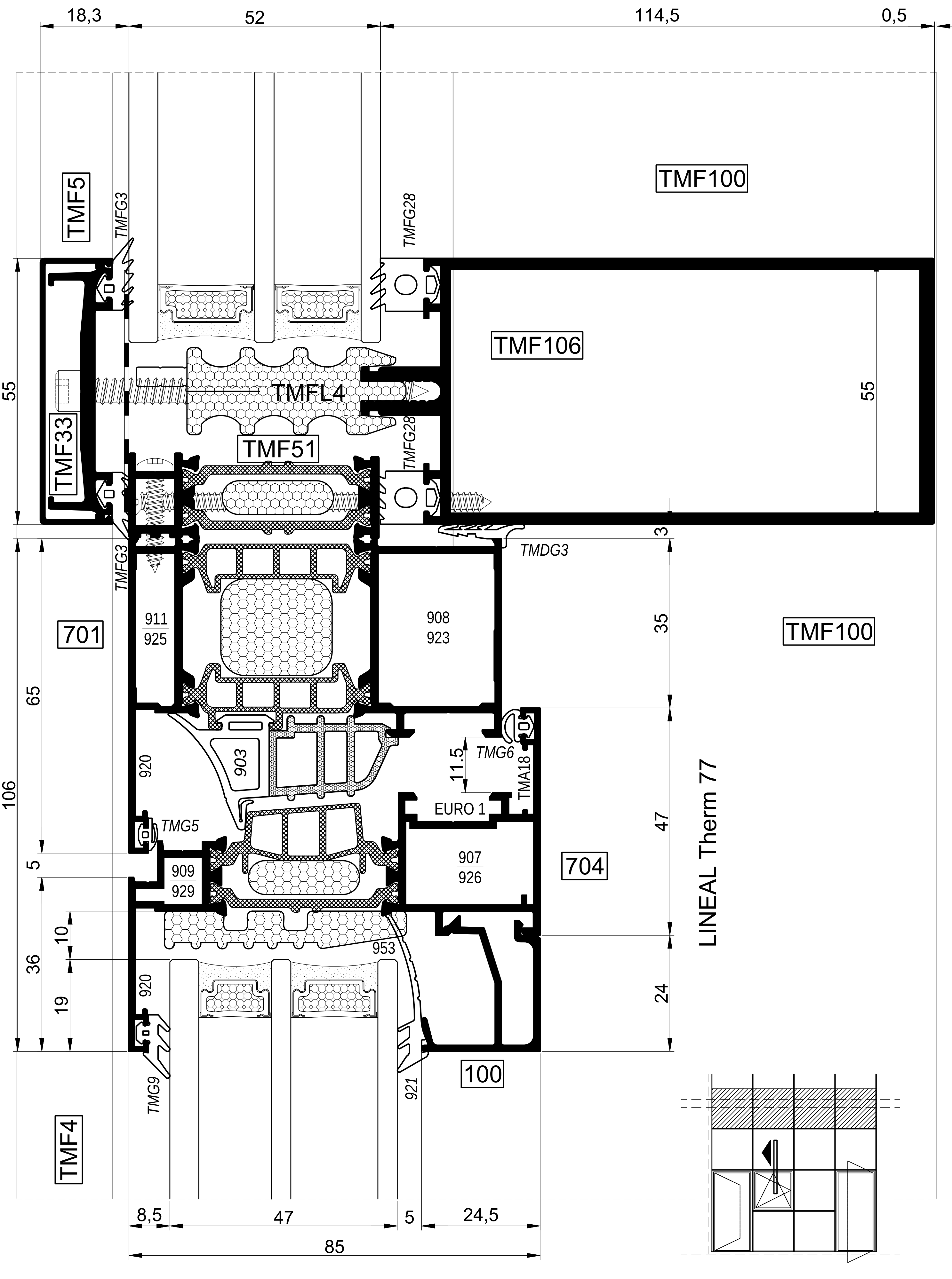
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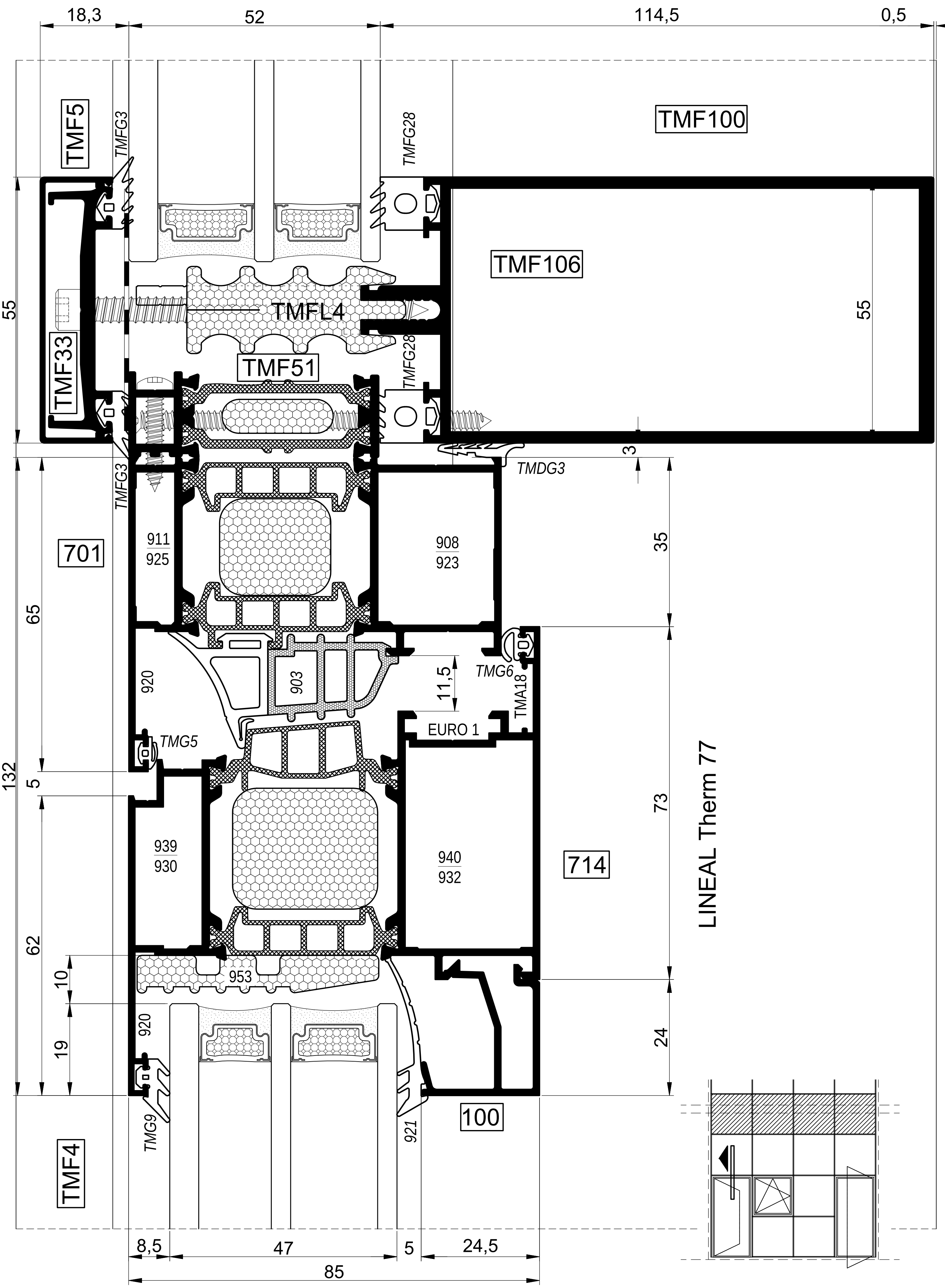
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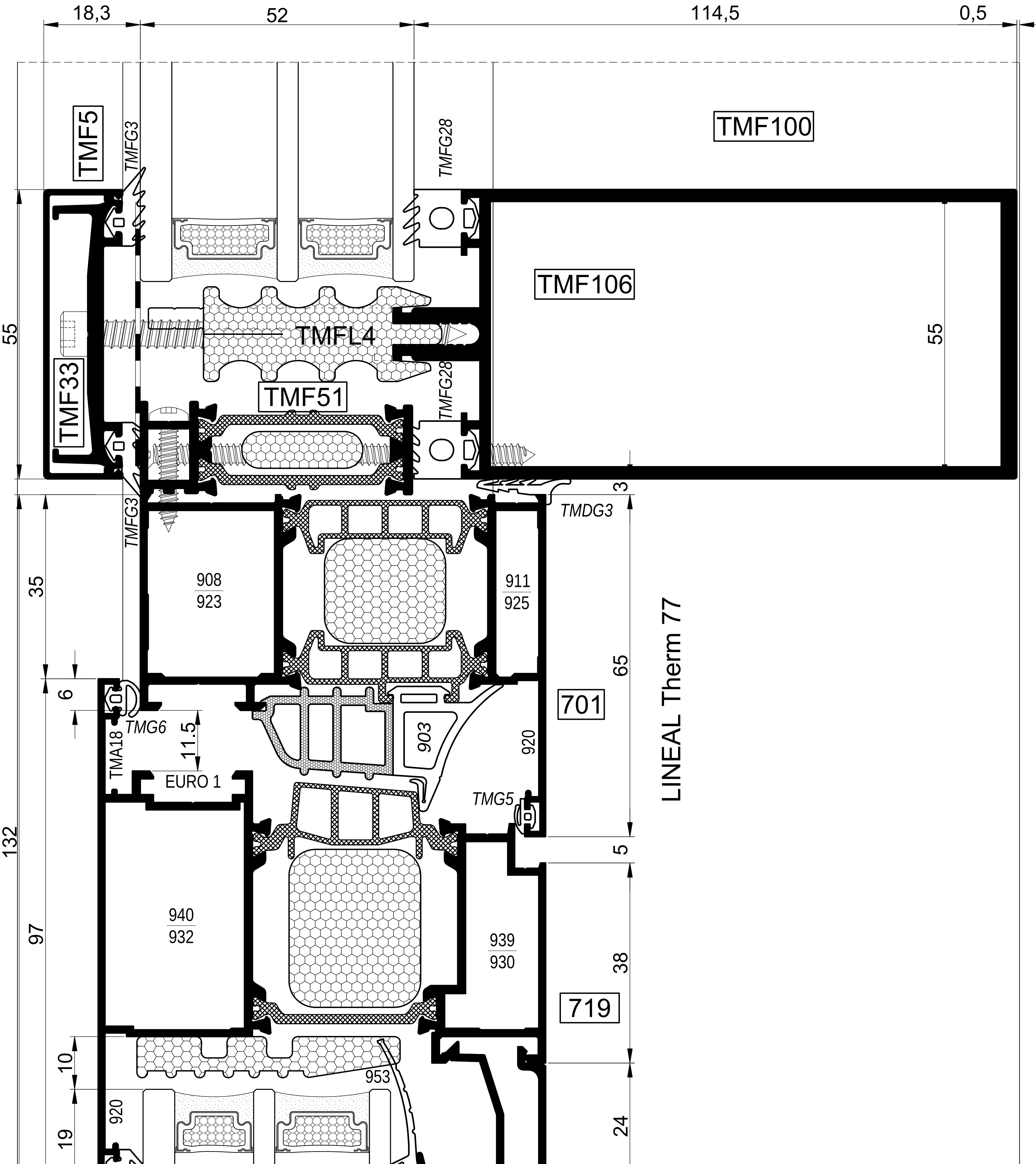
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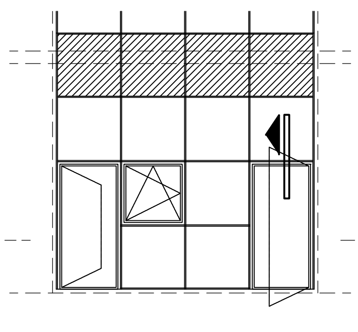

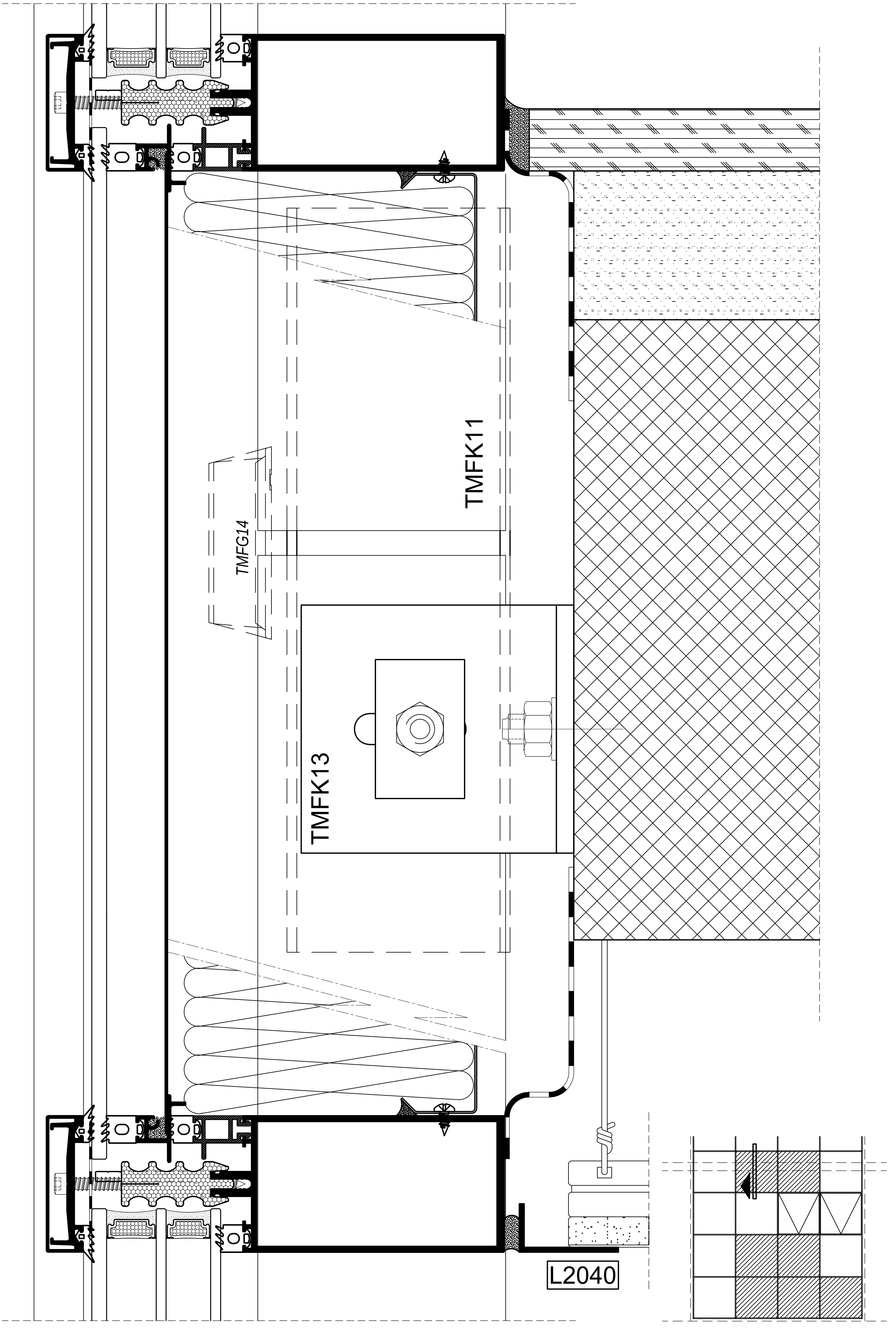
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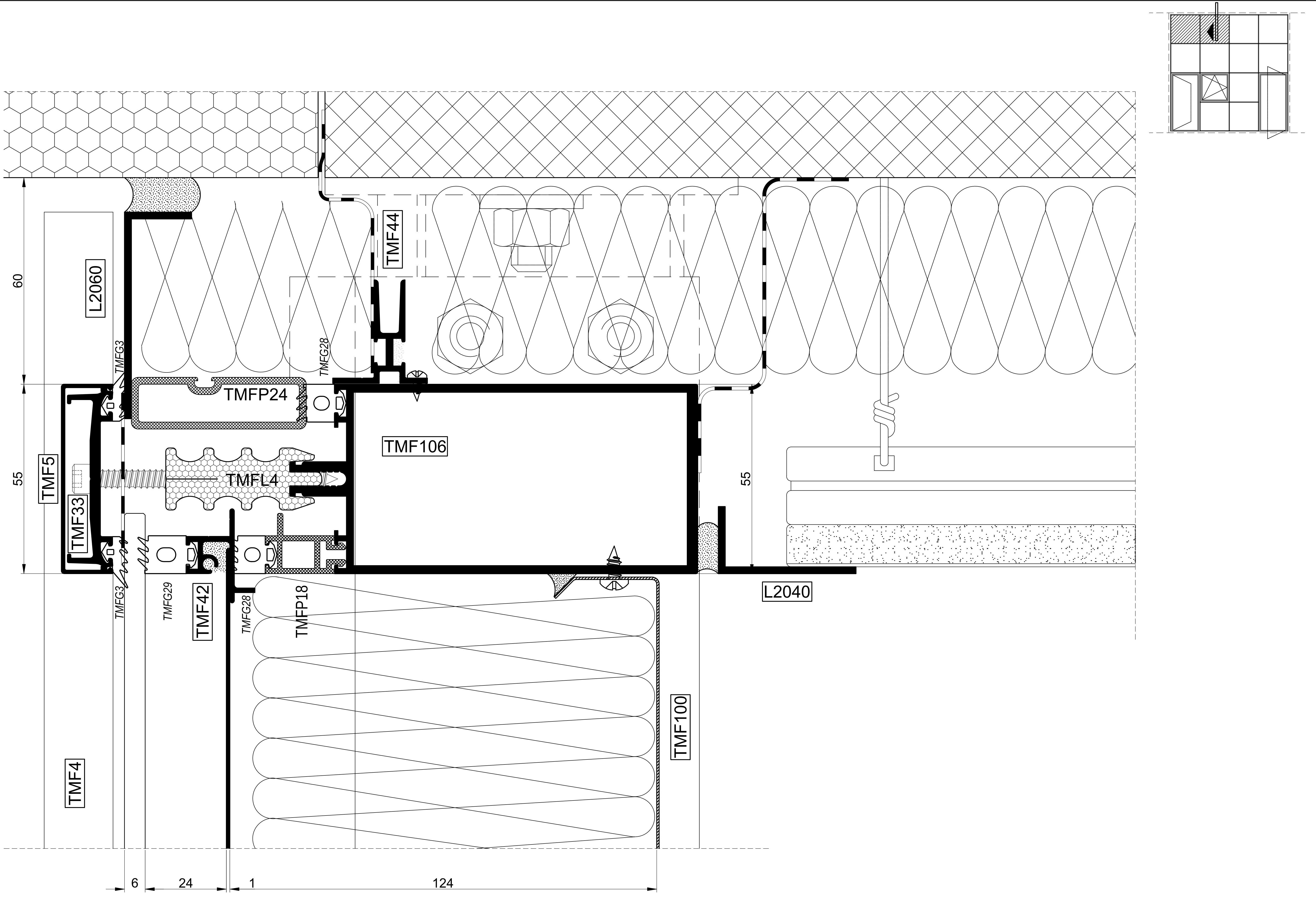

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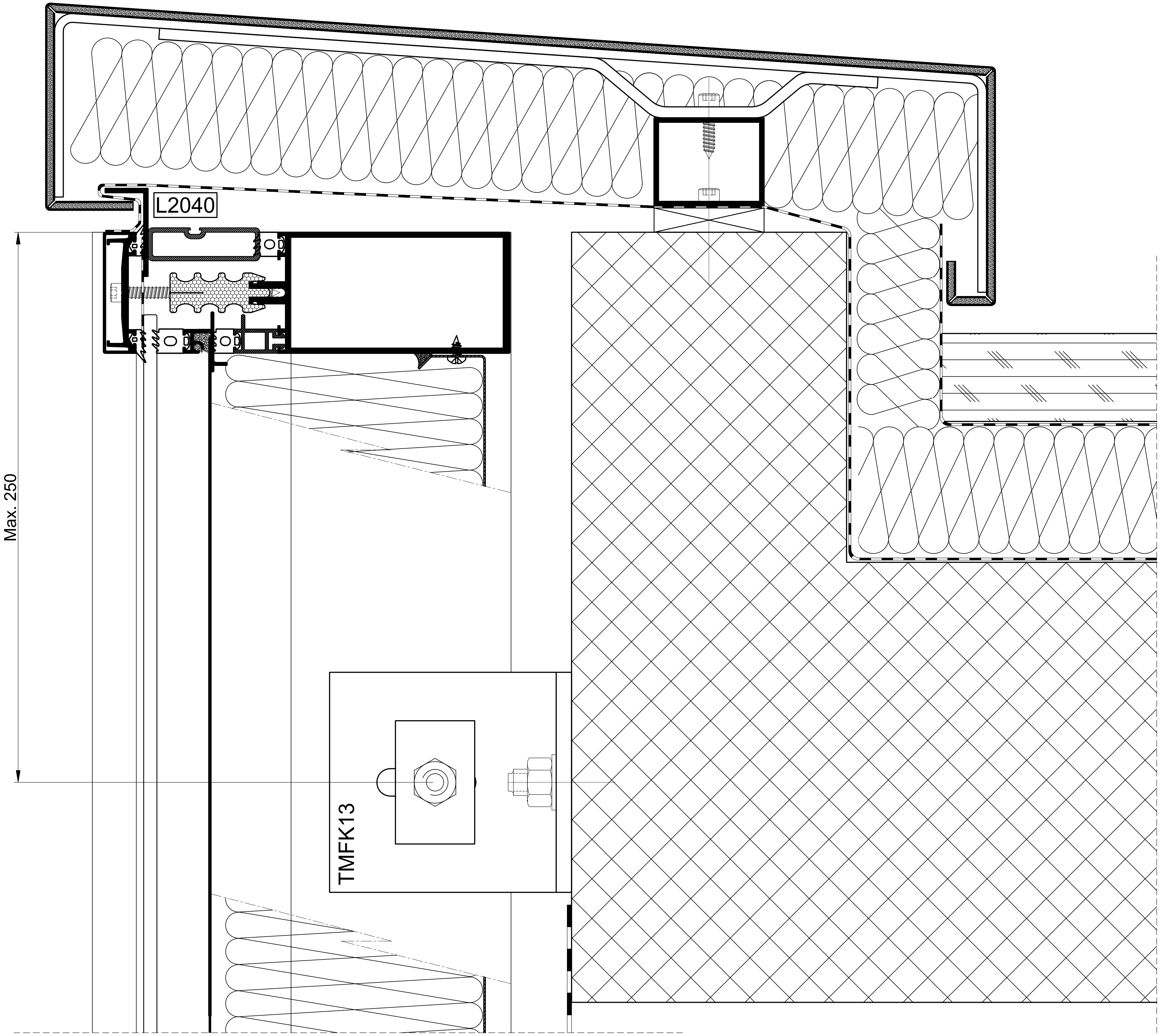
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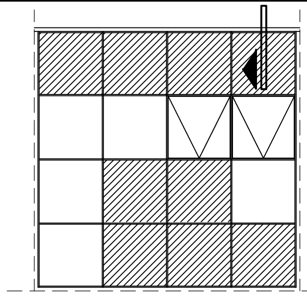

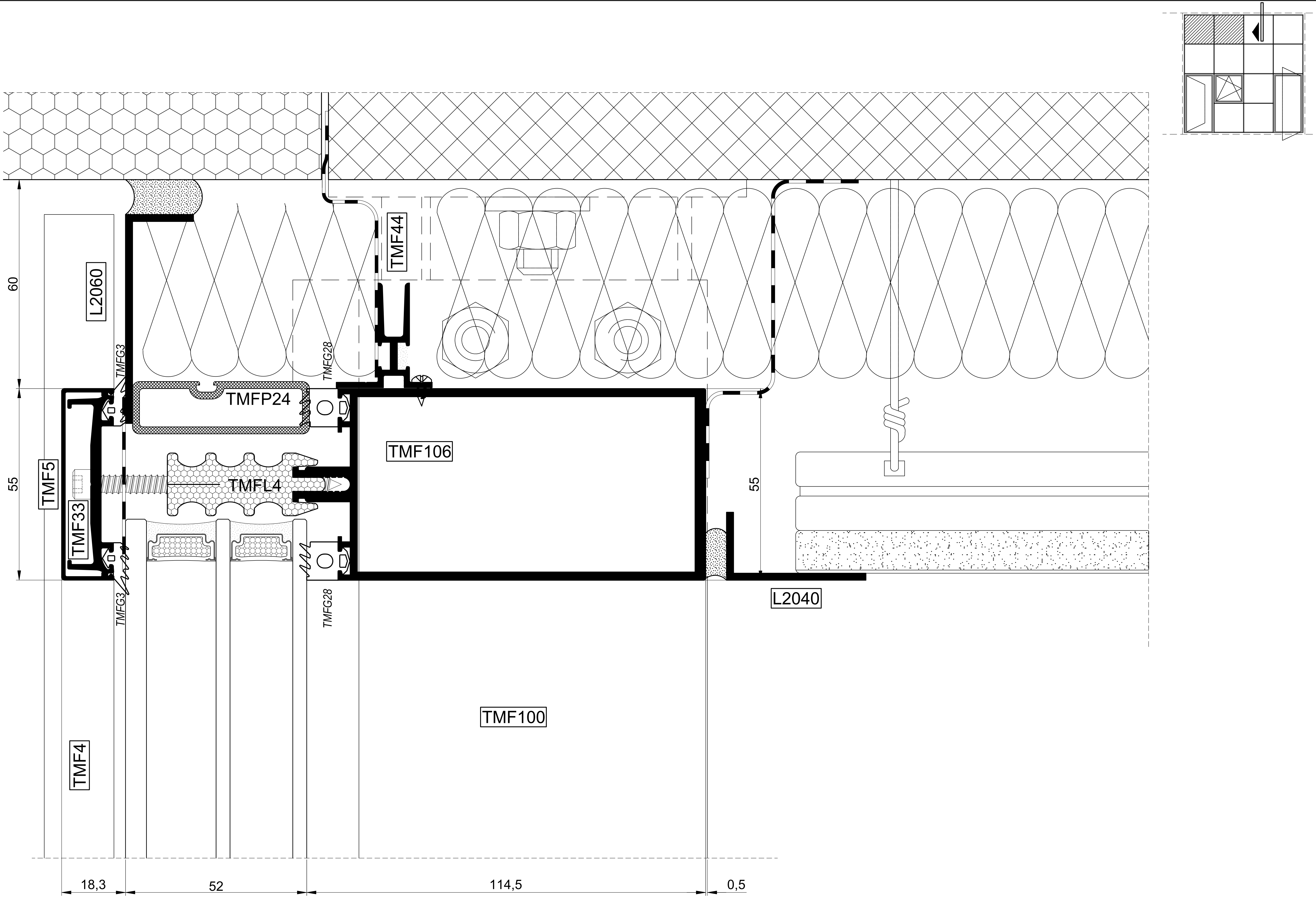
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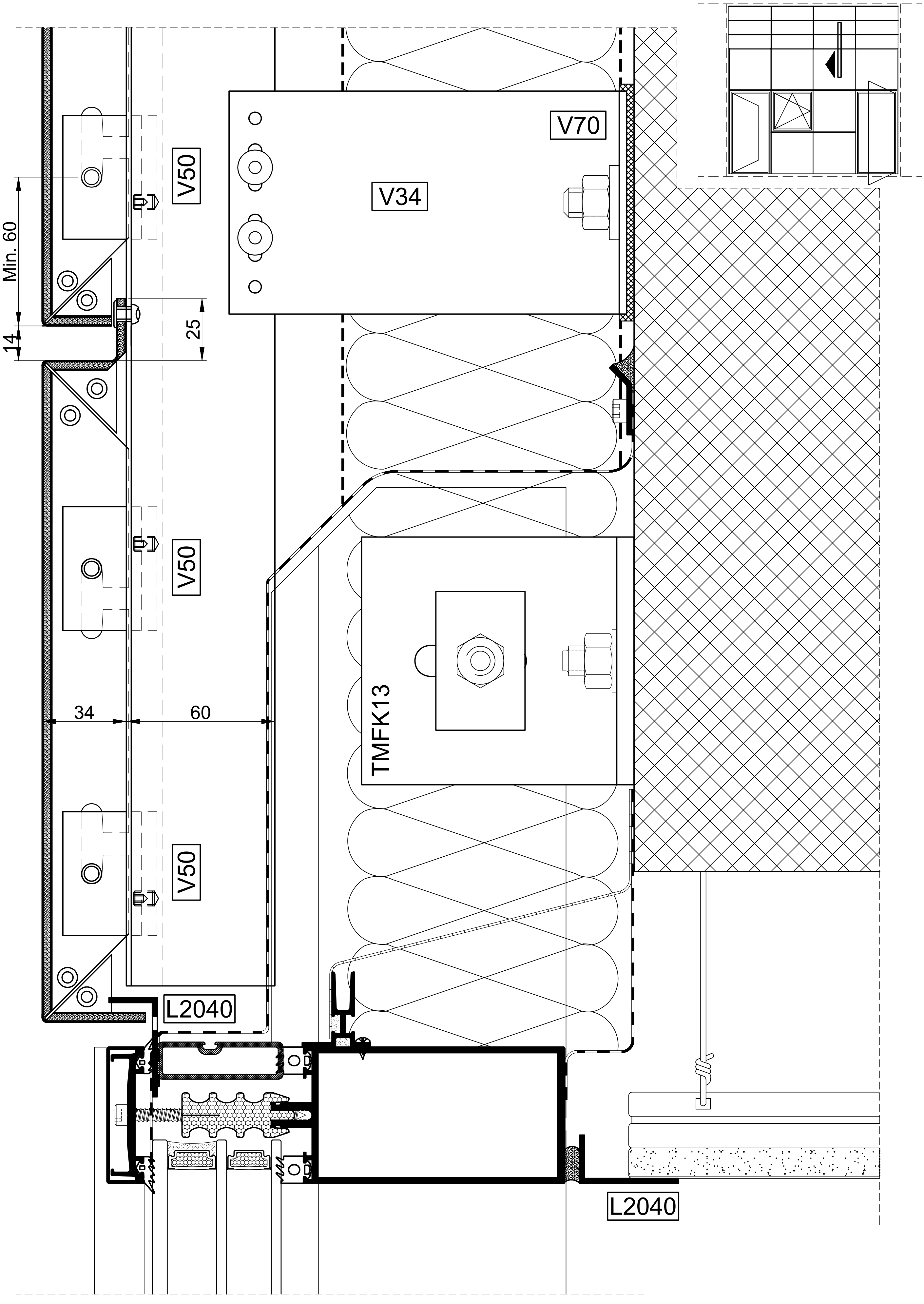
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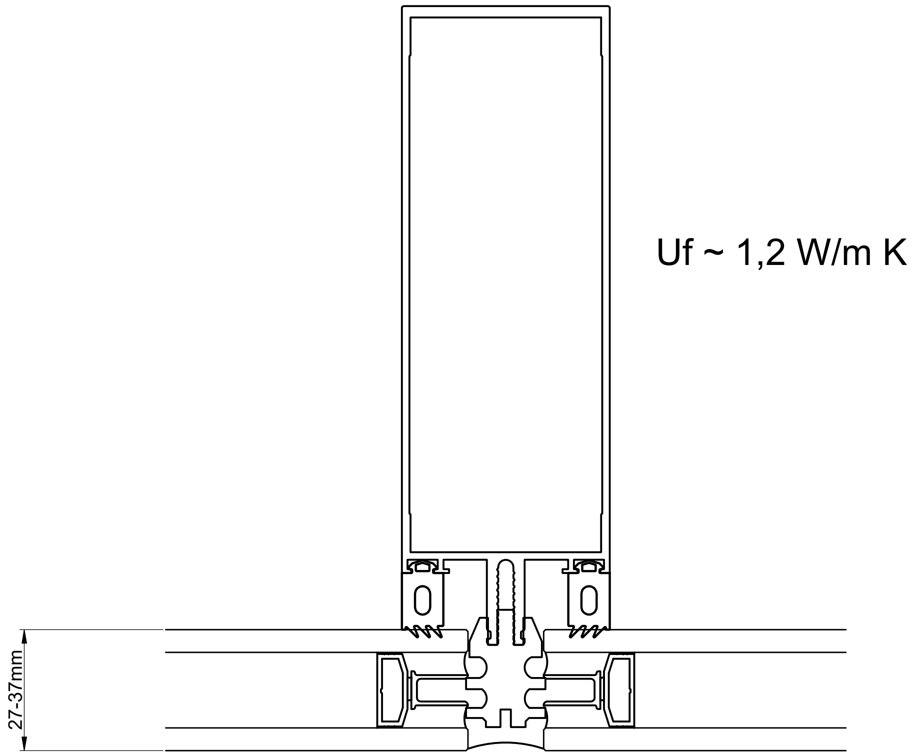
Sistem
System
Система

ALUMINIK CS55

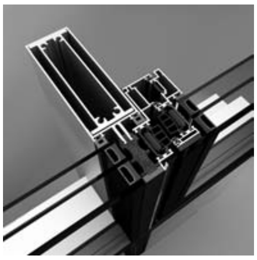
Strukturalna fasada
Structural facade
Структурная фасад

3

Dvoslojno ostakljenje
Double glazing
Двухкамерный стеклопакет



Strukturalni silikon
Structural silicone
Структурная силиконовая



Tehnički opis sistema

Sistem strukturalne fasade jedan je od sedam iz serije ALUMINIK CS55 i predstavlja sistem aluminijumskih profila sa termičkim prekidom, specijalno projektovanih za proizvodnju staklenih fasada sa vidljivom širinom profila od 55mm. Sistem strukturalne aluminijumske ostakljene fasade odlikuje se minimalističkim izgledom isključivo staklene vidne površine fasade, bez primene spoljnih profila za fiksiranje ispuna. Stakleni paneli se pričvršćuju za noseću fasadnu vertikalnu i horizontalnu aluminijumsku konstrukciju potpuno skrivenim veznim elementima. Fugne između stakala dodatno se ispunjavaju specijalnim strukturalnim silikonima u crnoj boji. Sve opcije iz grupe sistema ALUMINIK CS55 namenjena su za izradu aluminijumskih ostakljenih fasada kao i krovnih lanterni min. nagiba od 10%.

- Aluminijumski profili su proizvedeni postupkom ekstruzije u pogonima Tehnomarket-a. Sirovina za proizvodnju profila je primarna legura aluminijuma sa oznakom AlMgSi0,5 (AA6063 i 6060) i zateznom čvrstoćom profila od minimalno 210KN/mm²
- Vidljiva širina profila iznosi 55mm, dok dubina može biti od 50 do 175mm u zavisnosti od statičkog proračuna
- Pažljiv odbir odgovarajućih materijala i efikasno konstruisan sistem omogućuju izuzetno dobre izolacione vrednosti koje idu od Uf~0,8 W/m²K (u opciji troslojnog paketa stakla)
- Sistem omogućuje korišćenje dvoslojnih (32-41mm) i troslojnih (49-58mm) staklenih paketa
- Sistem poseduje namenske alumijumske profile za povećanje momenta inercije čime je moguće postići Ix > 1100 cm4 za premošćavanja i najvećih rastera, a bez uvođenja sekundarne čelične konstrukcije
- Otvarajući elementi su integrisana strukutralna krila sa otvaranjem oko gornje horizontalne osovine ili paralelno sa fasadnom ravni kako bi se izbeglo vidno pozicioniranje otvarajućih krila u odnosu na fiksna polja
- Sistem nudi mogućnost integrisanja klasičnih okretno nagibnih prozora, balkonskih ili ulaznih vrata, kao i automatskih klizna ili klizno-zaokretnih vrata
- Debljina termoizolacione ispune u zoni parapeta se kreće od 50mm pa do 175mm, dok se u opciji sa jednostrukom staklenom ispunom ne koristi dodatna izolacija

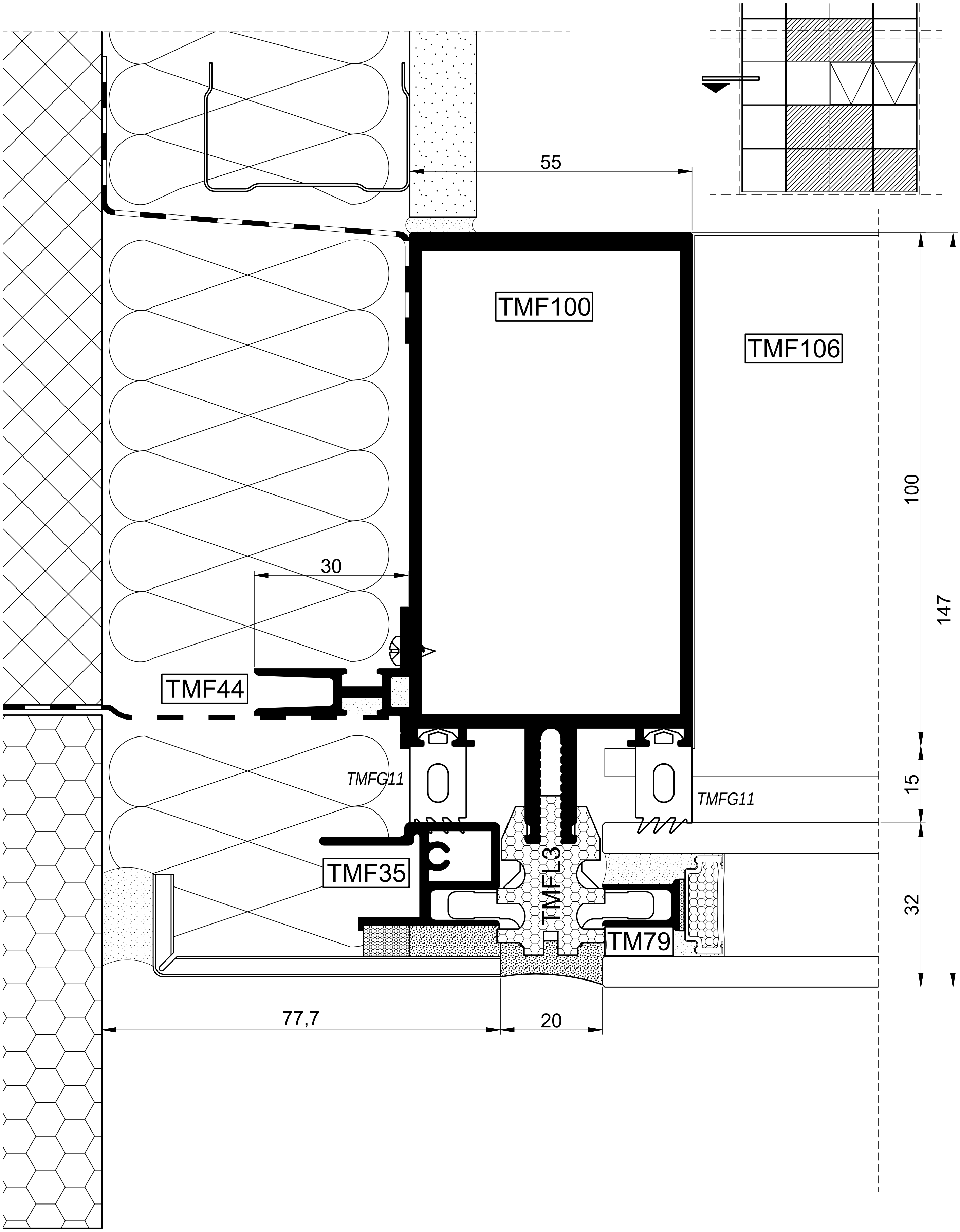
Structural facade is a part of ALUMINIK CS55 glass facade line of three distinctive systems. The structural facade features minimalistic design with no visible structure profiles but glass. Hidden brackets are used for attachment of panels to transom and mullion load barring aluminium substructure. Gaps between panels are then filled with special structural silicone in black color. This system elegantly combines advanced engineering concepts with transparent, luxury appearance. All variations of ALUMINIK CS55 aluminium profile system group are suitable for curtain walls and glass roof skylights (minimal slope 10%)

- Aluminium profiles were manufactured in Tehnomarket's own extrusion factory. The raw material used is primary aluminium alloy AlMgSi0.5 (AA6063 and AA 6060) with minimum tensile strength of 210KN/mm².
- Visible profile width is 55mm, while installation depth varies from 50 do 175mm depending on depending on the required, calculated moment of inertia
- Careful selection of appropriate materials and efficiently constructed system brings exceptional insulation properties that go up to Uf~0,8 W/m²K (with triple glazing options)
- The system allows the usage of single(6-12mm), double (28-41mm) and triple (47-60mm) glass packages and other appropriate materials
- There are specially designed aluminium profiles that improve system's moment of inertia up to Ix > 1100 cm4 for installation of large facade units without usage of additional steel substructure
- Opening units of the facade are structural glazed sashes with two opening options: revolving around upper horizontal axis or parallel with facade plane in order to avoid visible differentiation between fixed and opening units
- The system supports integration of standard tilt&turn windows, balcony, entry and automated sliding or slide-revolving doors
- Spandrel panels are designed with single layer ventilated panel and additional profiles for different options of thermal insulation (supported thickness from 50mm to 175mm)
- There are numerous shapes and designs of cover caps available: rectangular, oval, aero and other shapes that allow for different visual appearance of the facade

Техническое описание системы

Структурная фасадная система является одной из семи серий ALUMINIK CS55 и представляет собой систему алюминиевых профилей с термическим разрывом, специально разработанную для производства стеклянных фасадов с шириной профиля 55 мм. Структурная фасадная система алюминиевого остекления характеризуется минималистским внешним видом эксклюзивной стеклянной поверхности фасада без использования внешних профилей для заполнения заполнителя. Стеклянные панели прикреплены к фасаде вертикальной и горизонтальной алюминиевой конструкции с полностью скрытыми соединительными элементами. Швы между стеклами дополнительно заполняются специальными структурными силиконами в черном цвете. Все варианты из группы ALUMINIK CS55 предназначены для производства алюминиевых глазурованных фасадов, а также для крышных фонарей. наклон от 10%.

- Алюминиевые профили производятся методом экструзии на заводах Техномаркета. Сырьем для производства профиля является первичный алюминиевый сплав с маркировкой AlMgSi0.5 (AA6063 и 6060) и прочность на растяжение профиля минимум 210 KN /mm2
- Видимая ширина профиля составляет 55 мм, а глубина может быть от 50 до 175 мм в зависимости от статического бюджета
- Внимательный подбор подходящих материалов и эффективно разработанная система обеспечивают очень хорошие значения изоляции от Uf~0,8 W/m?K (в трехслойной упаковке стекла)
- Система позволяет использовать однослойную (6-12 мм), двухслойную (28-41 мм) и трехслойную (47-60 мм) стекляных упаковок и других подходящих материалов
- Система имеет выделенные алюминиевые профили для увеличения момента инерции, что позволяет достигать Ix> 1100 cm4 для моста и самого большого растра без введения вторичной стальной конструкции
- Открывающие элементы представляют собой интегрированные конструктивные крылья с отверстием вокруг верхнего горизонтального вала или параллельно с уровнем фасады, чтобы избежать расположения открывающих крыльев по отношению к фиксированным полям
- Система предлагает возможность интеграции классических поворотных окон, балконных или входных дверей, а также автоматических раздвижных дверей
- Толщина теплоизоляции в зоне парапета колеблется от 50mm до 175 mm, в то время как в варианте с одним заполнением стекла дополнительная изоляция не используется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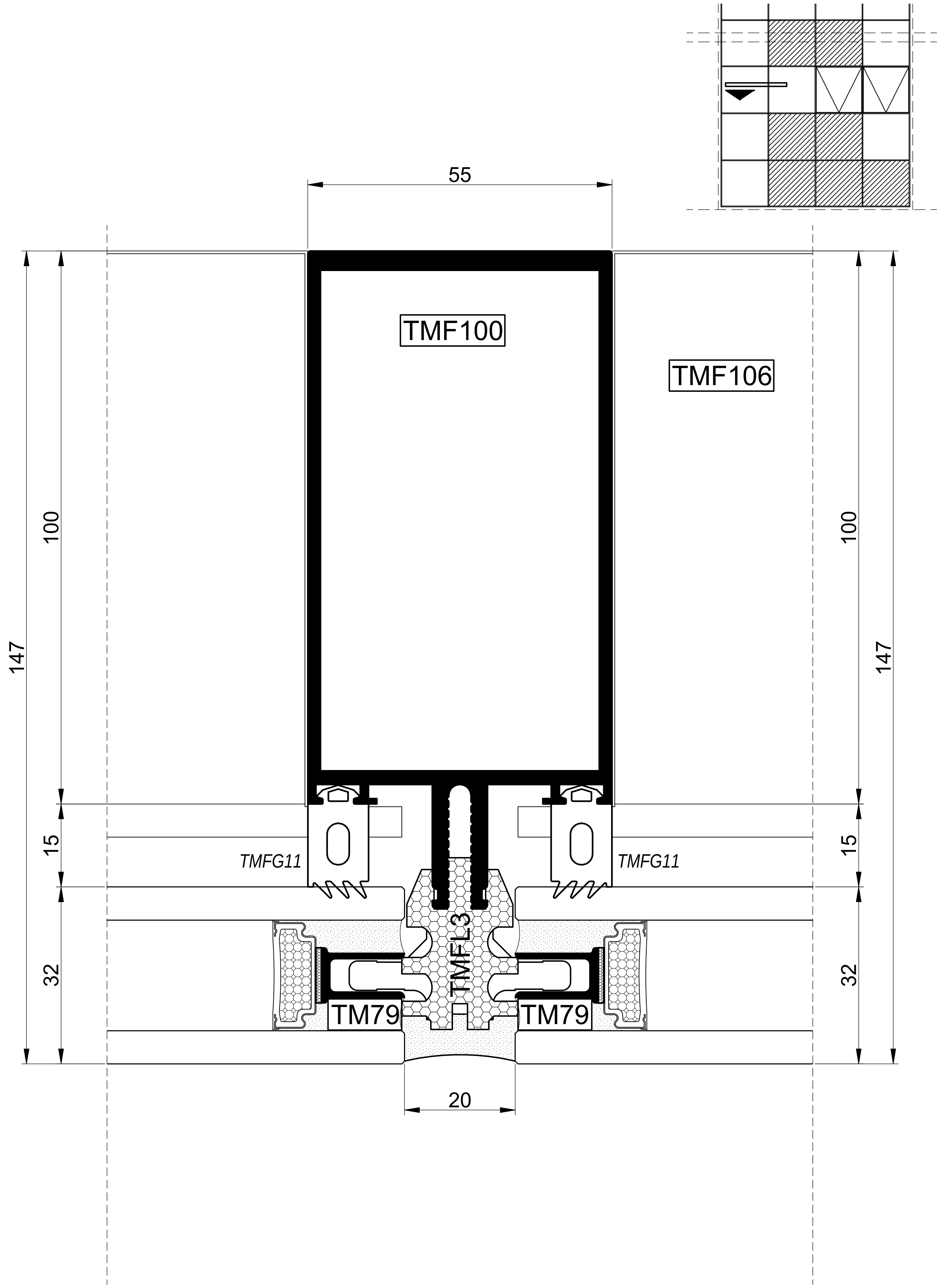
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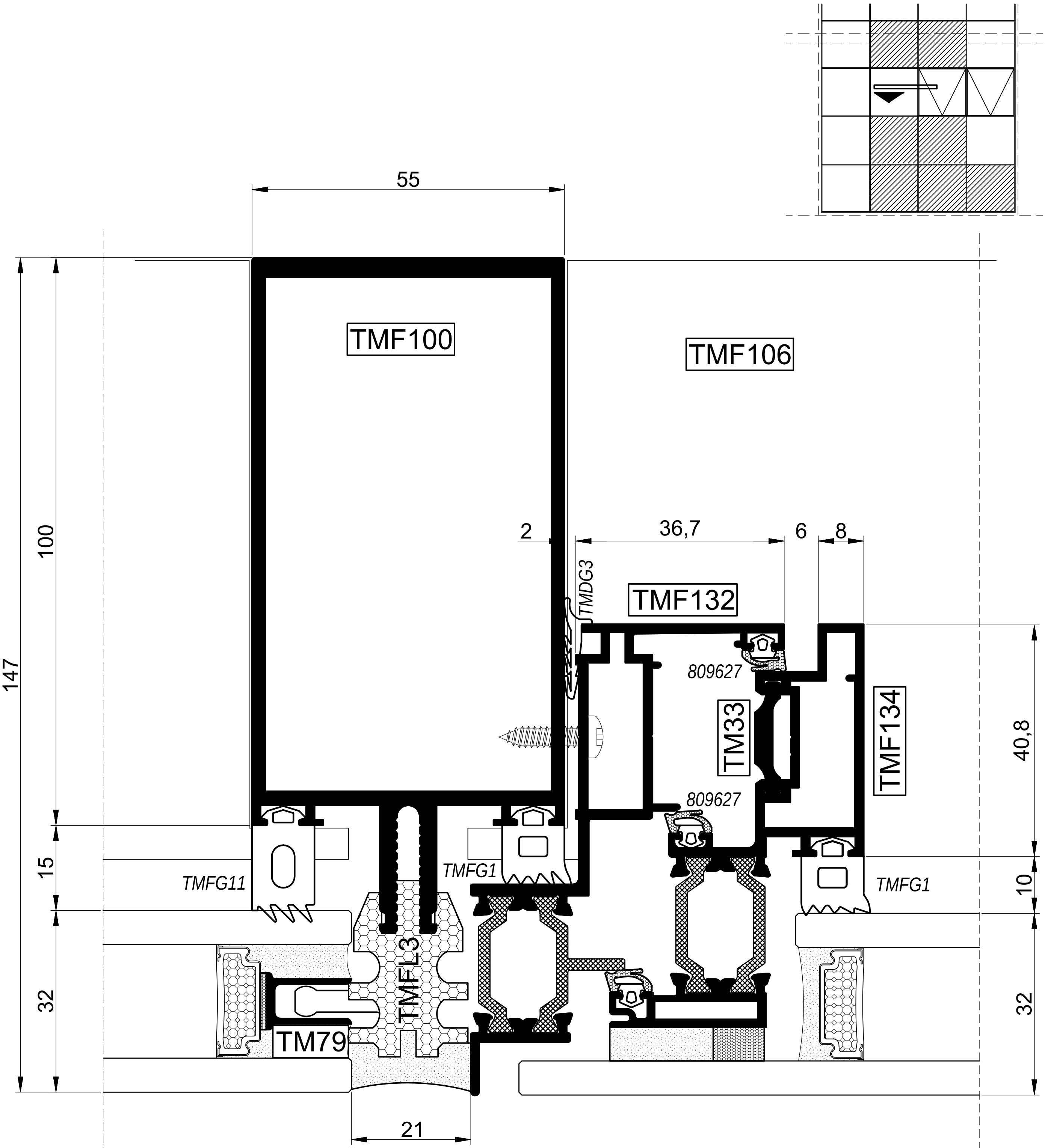
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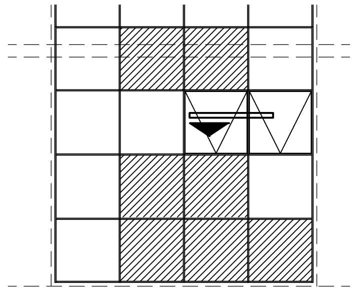

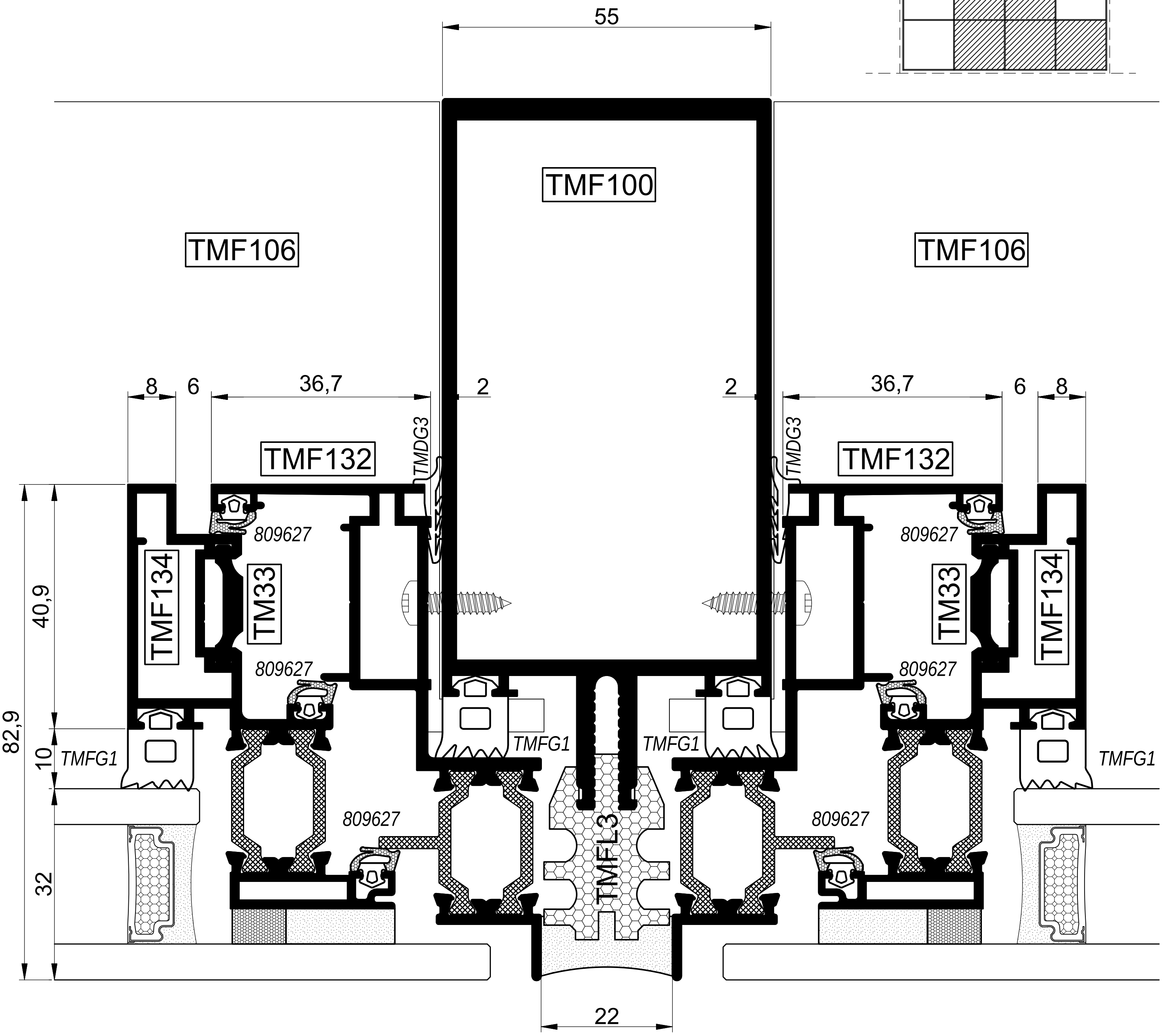
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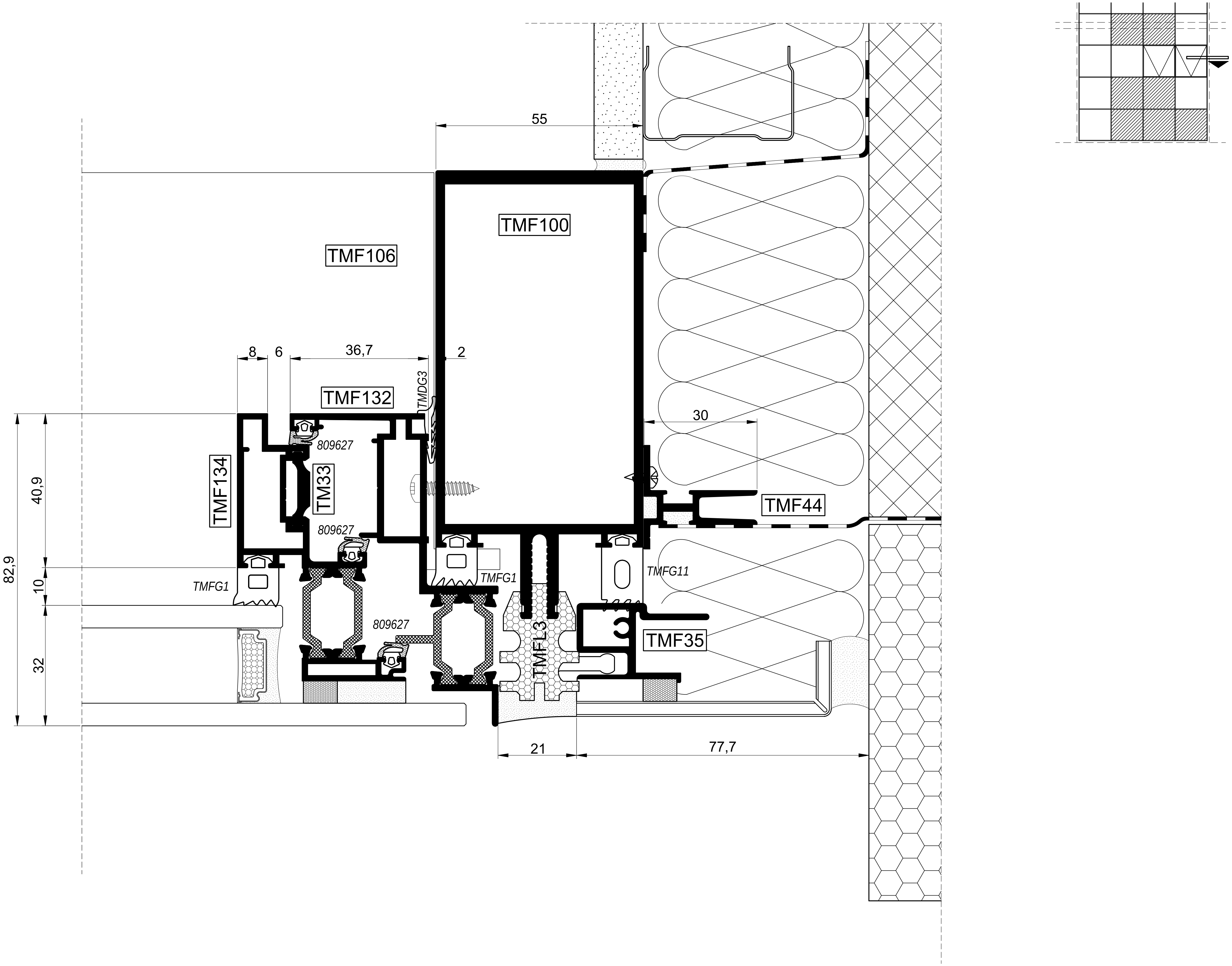
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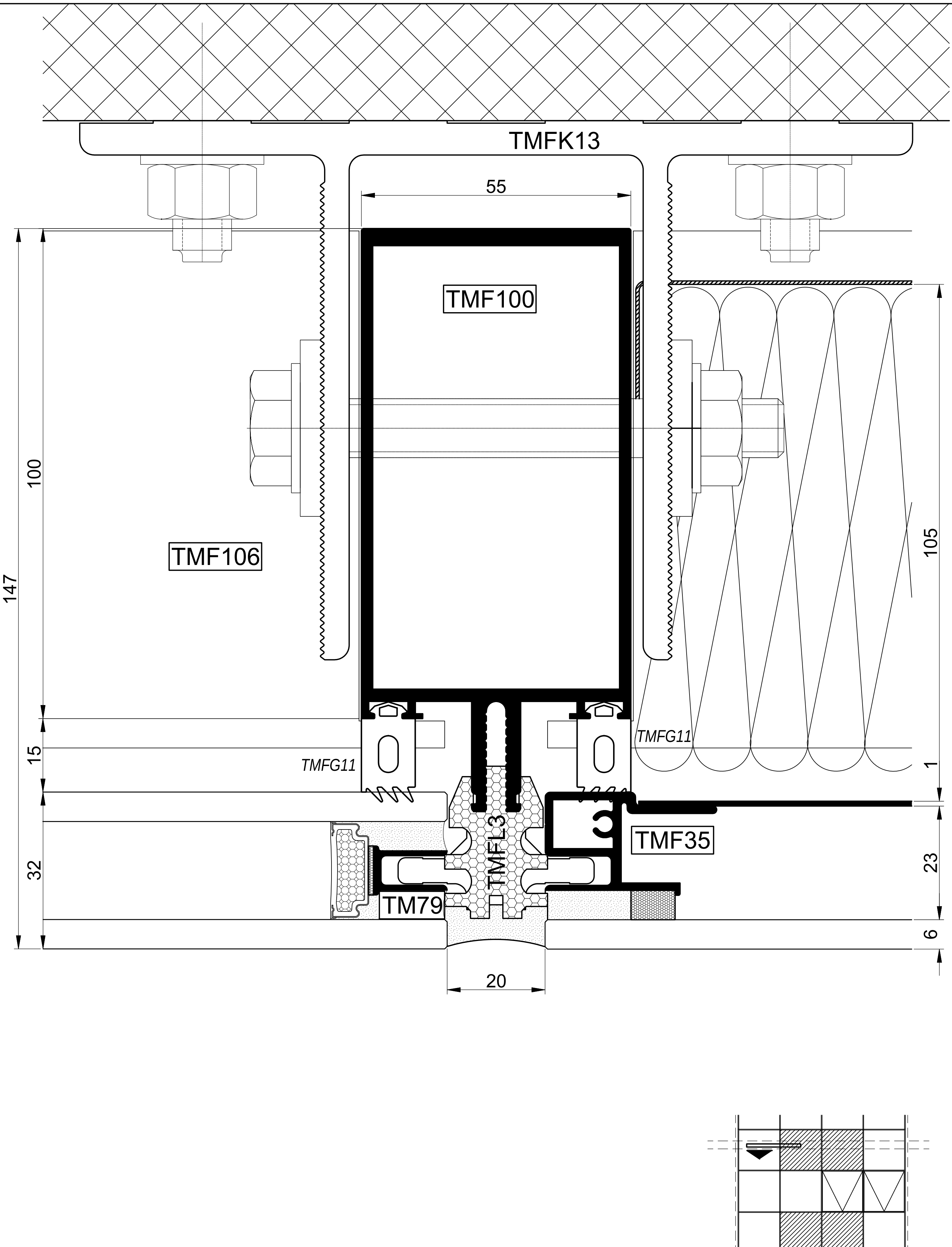
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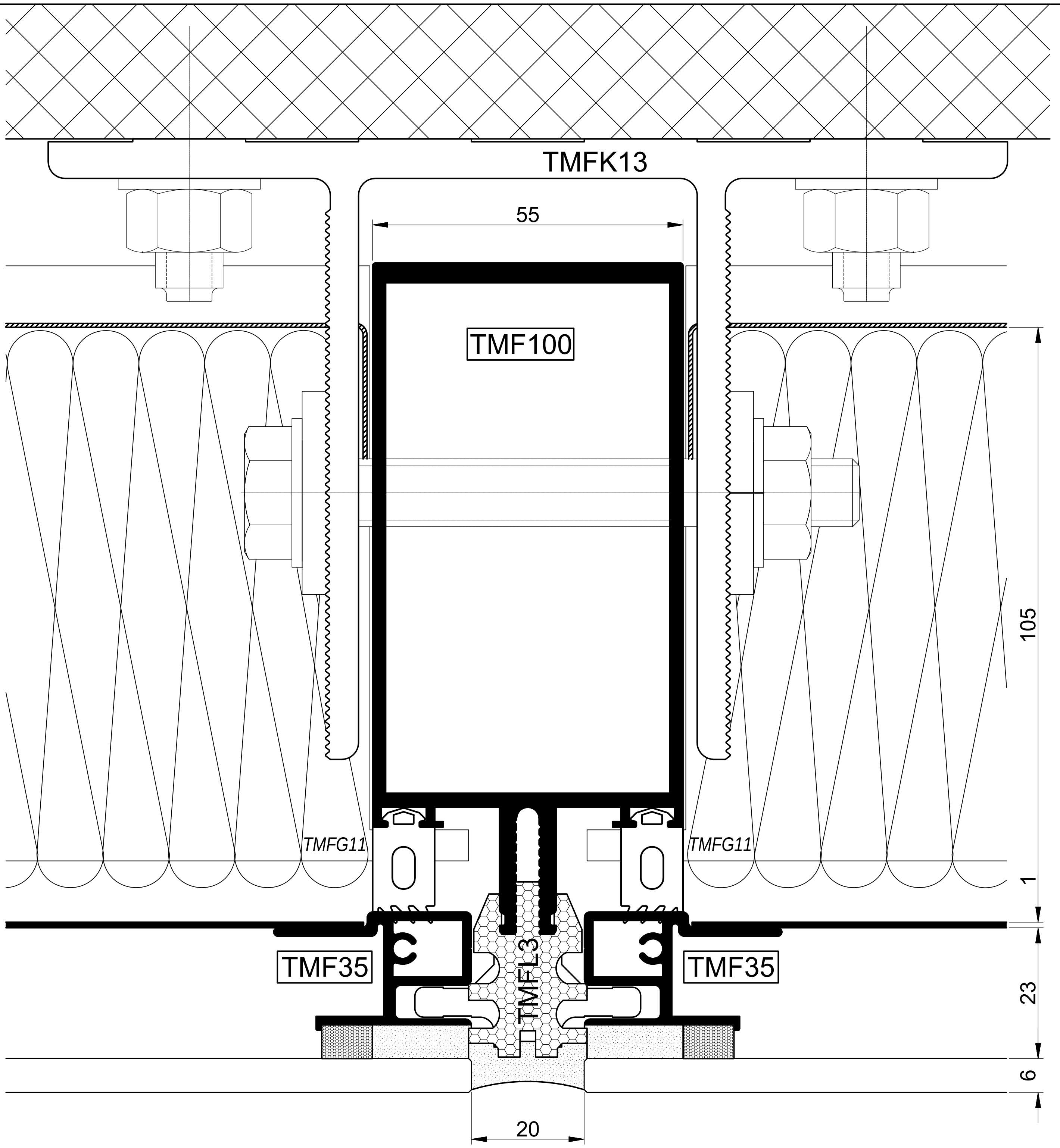
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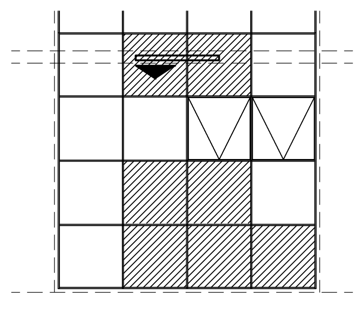

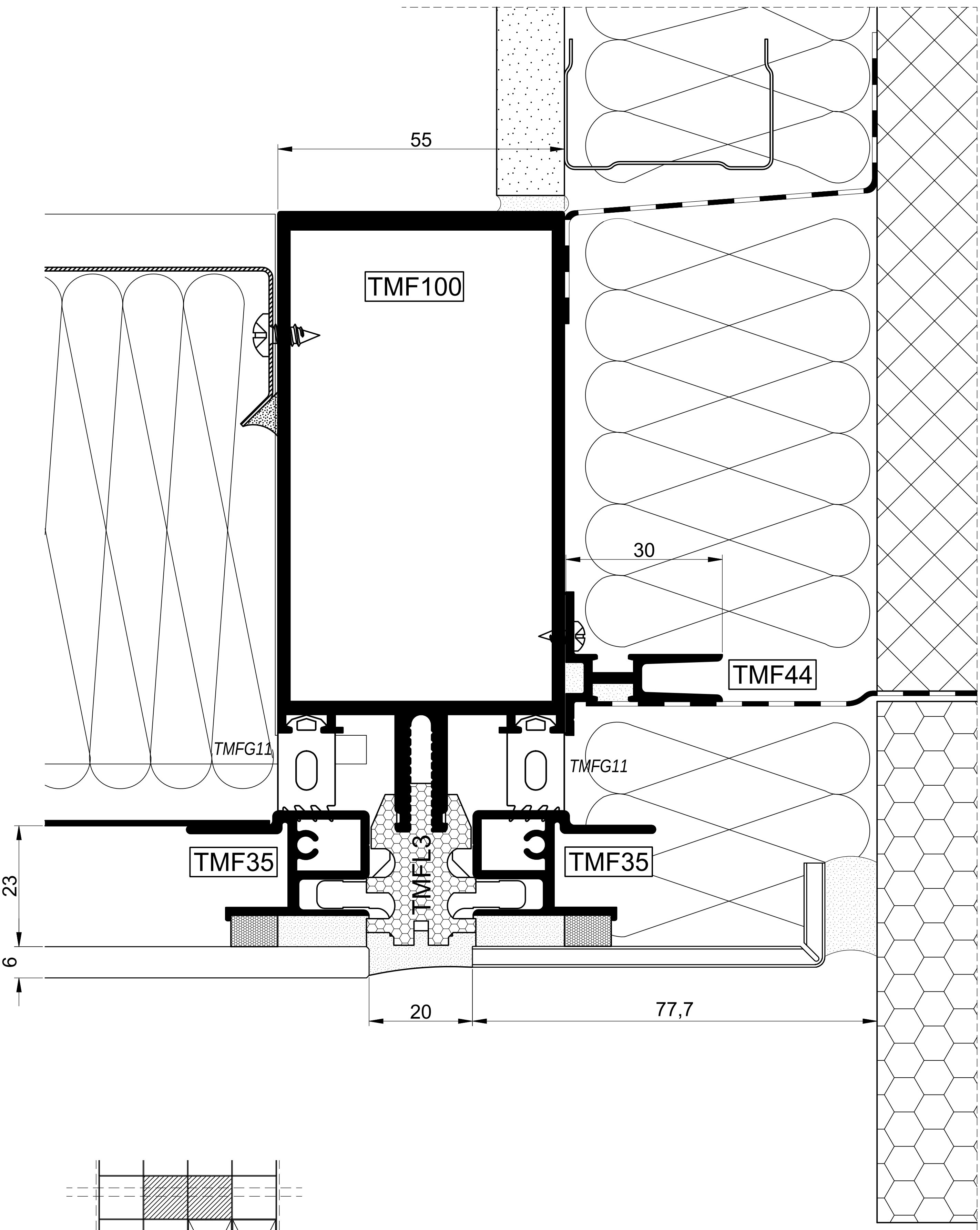
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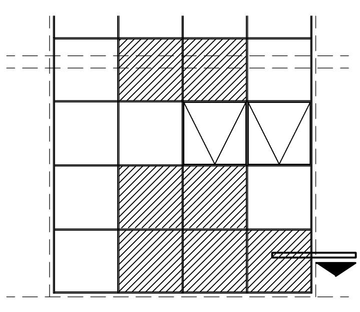

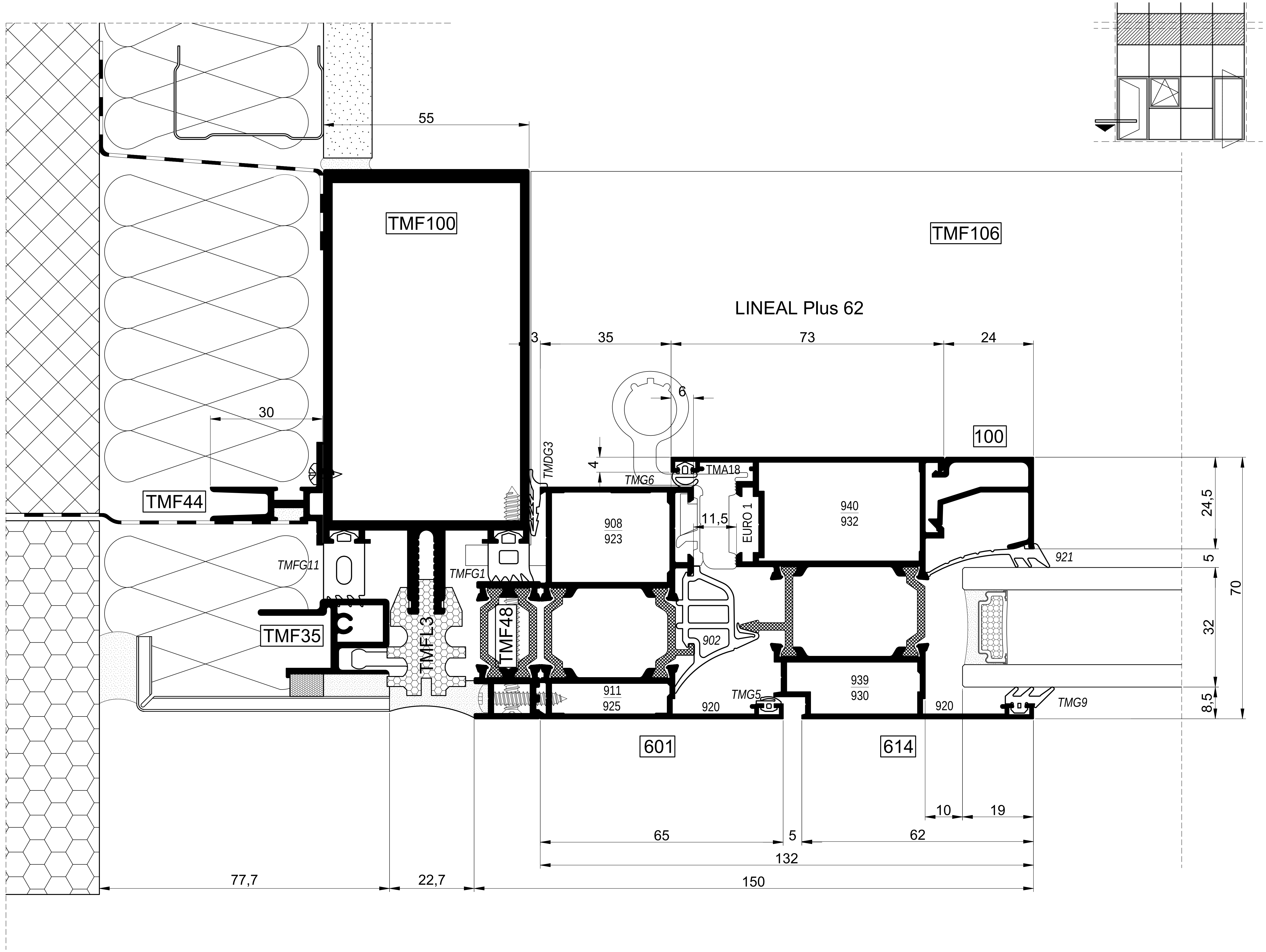
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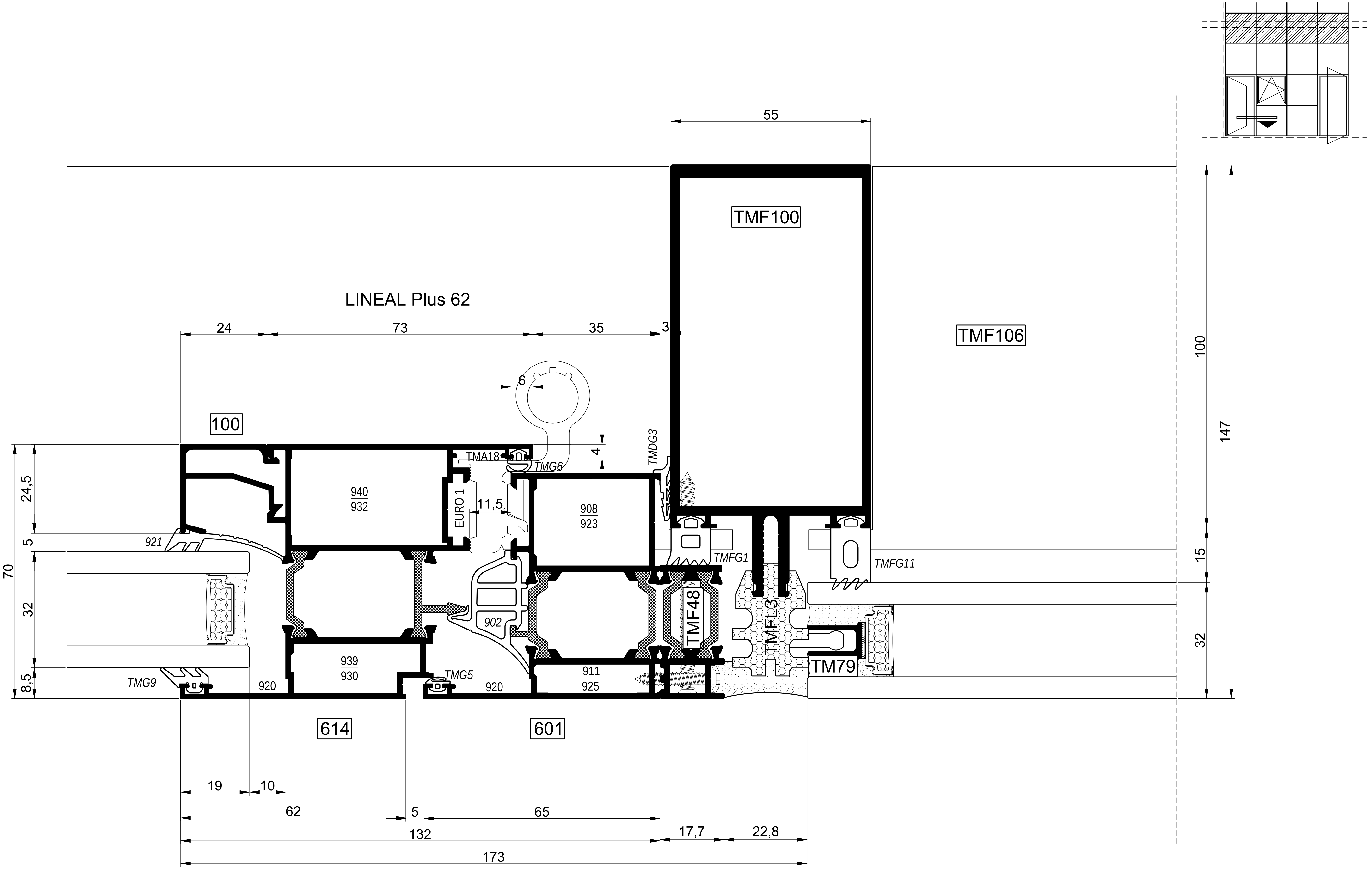
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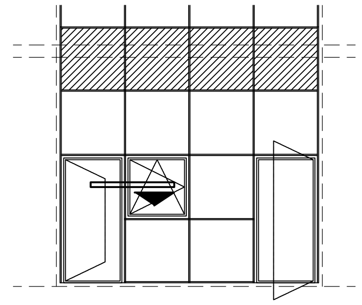

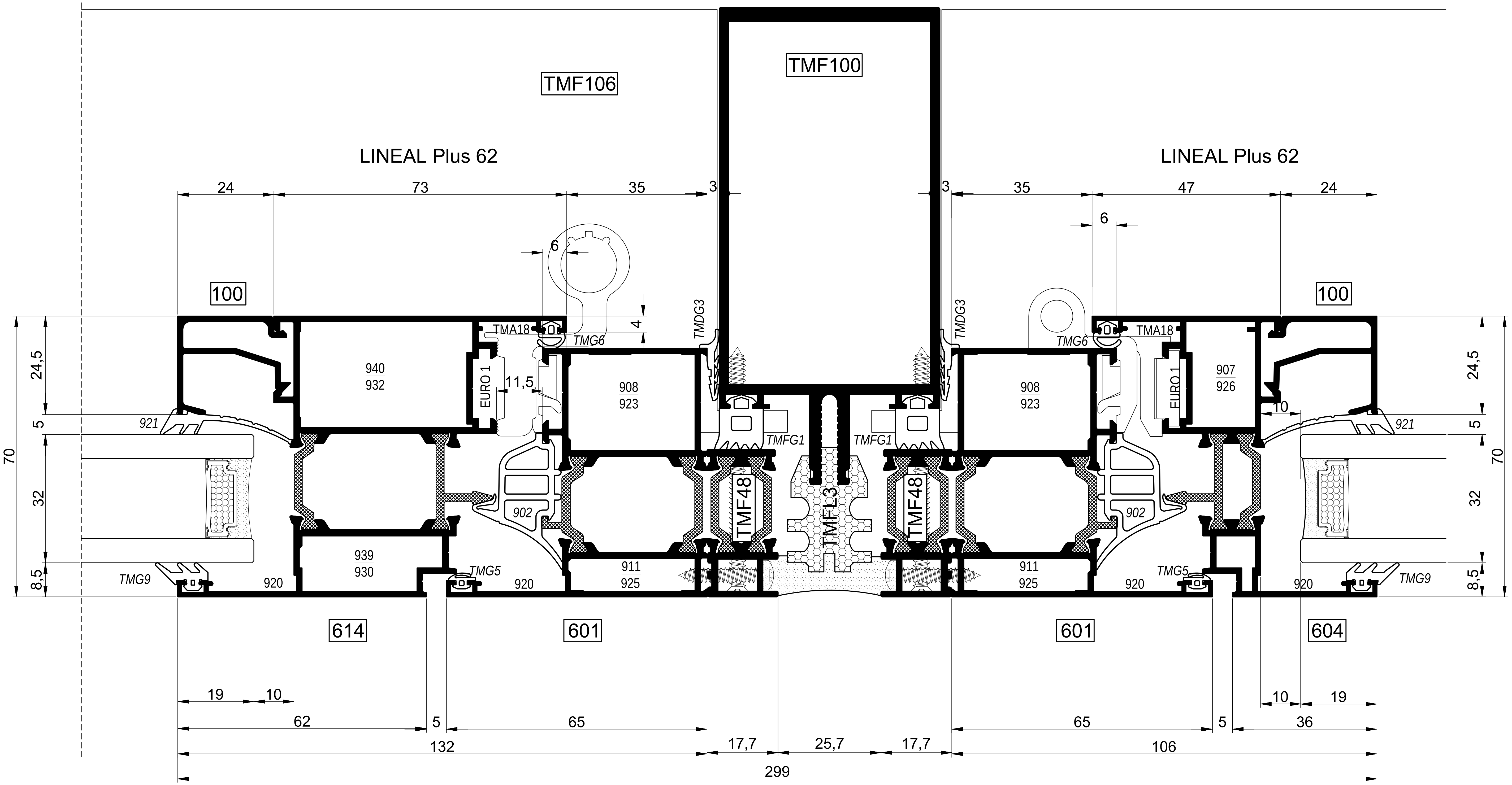
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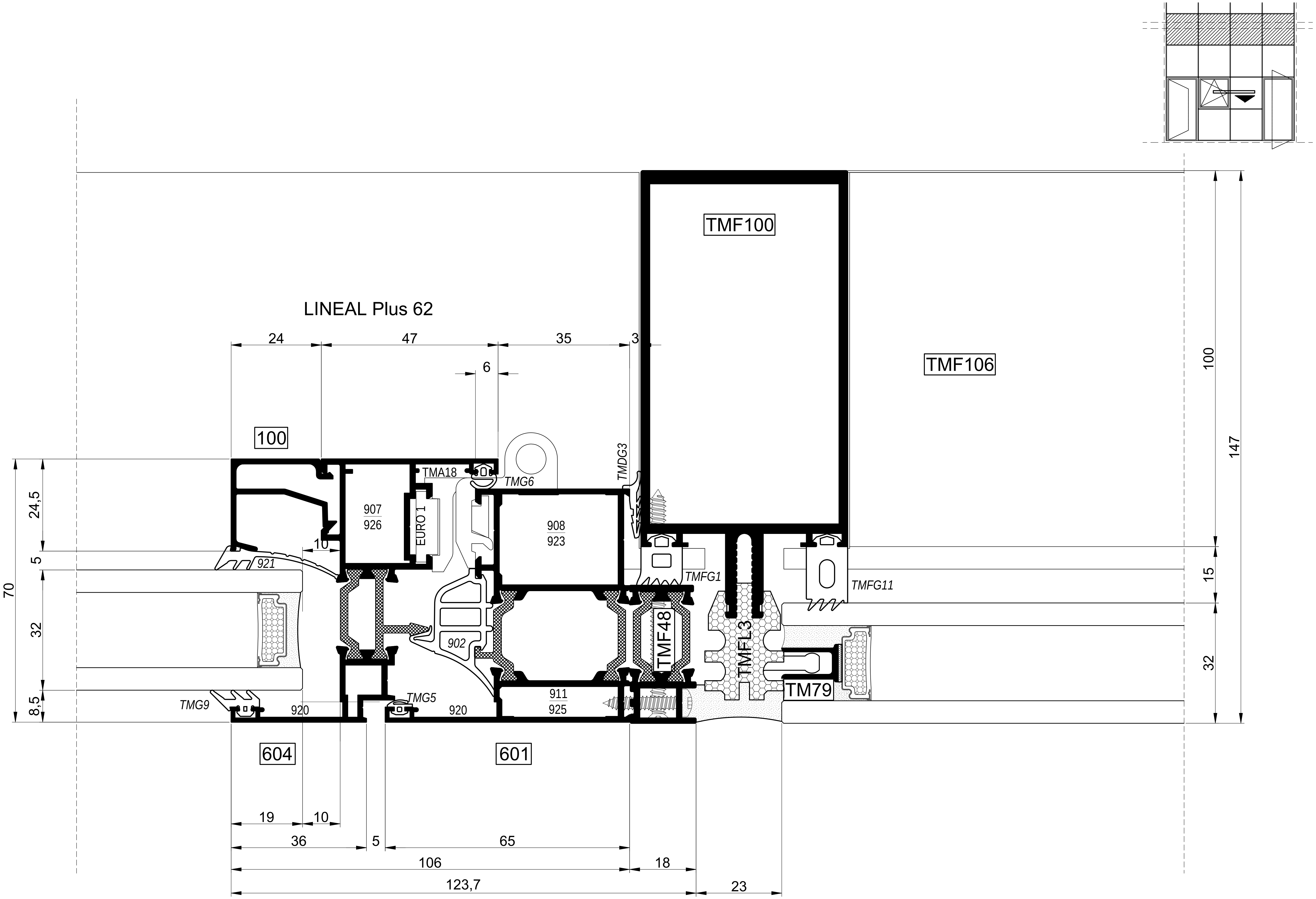
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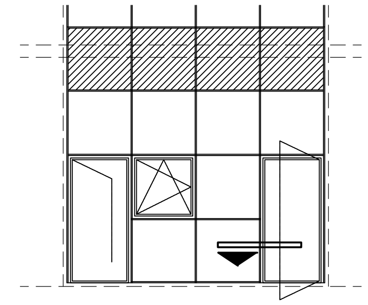

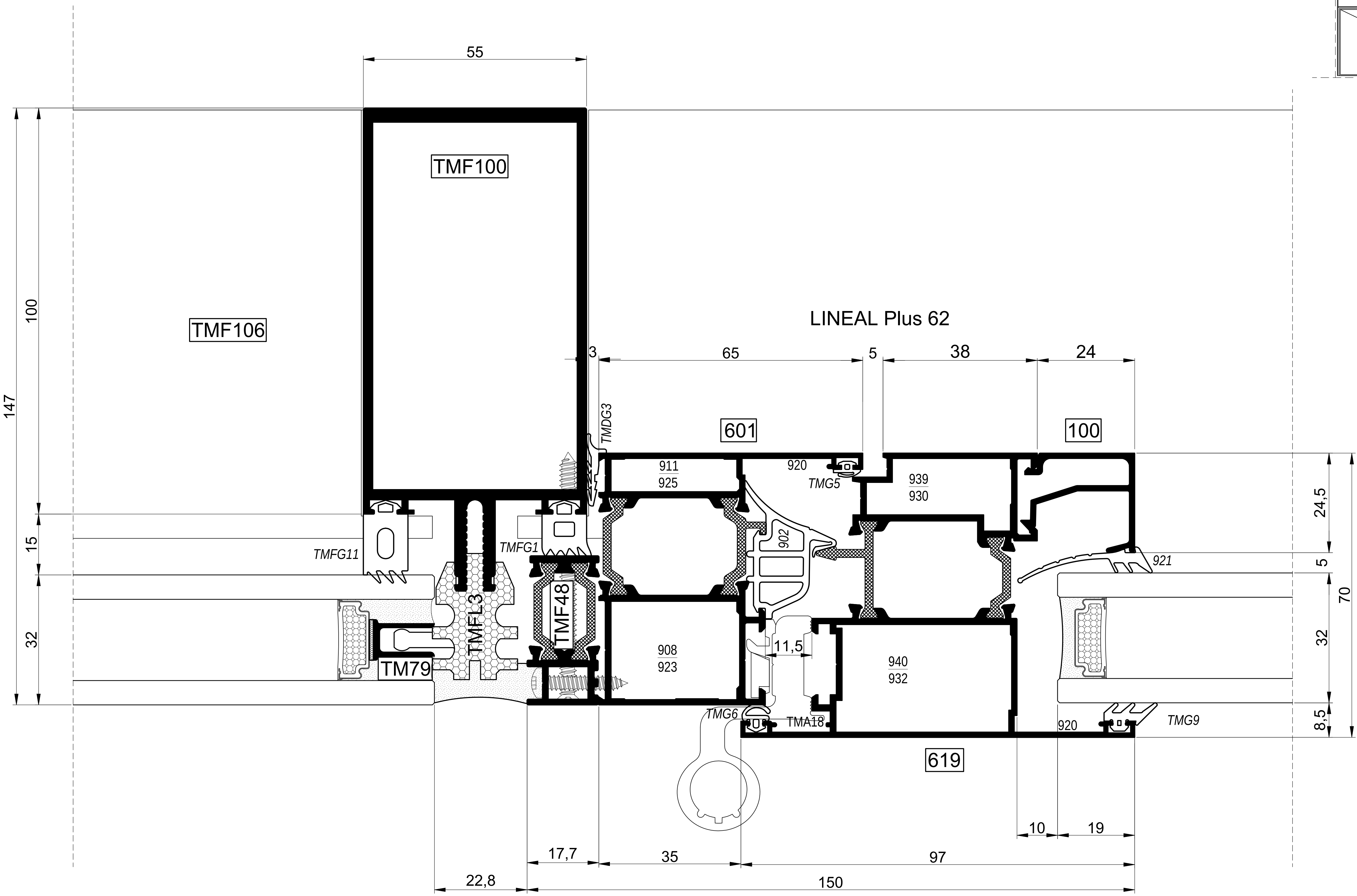
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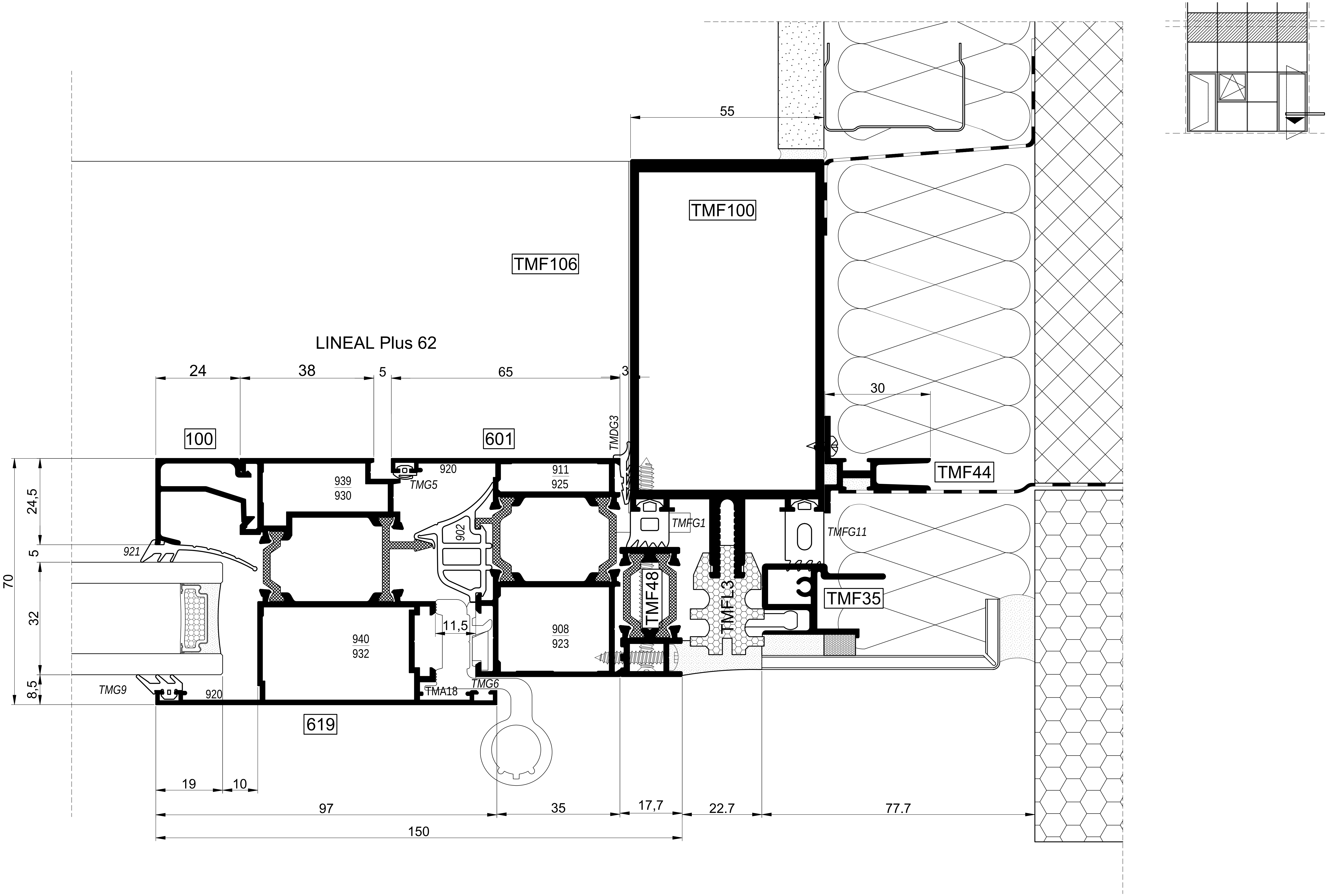
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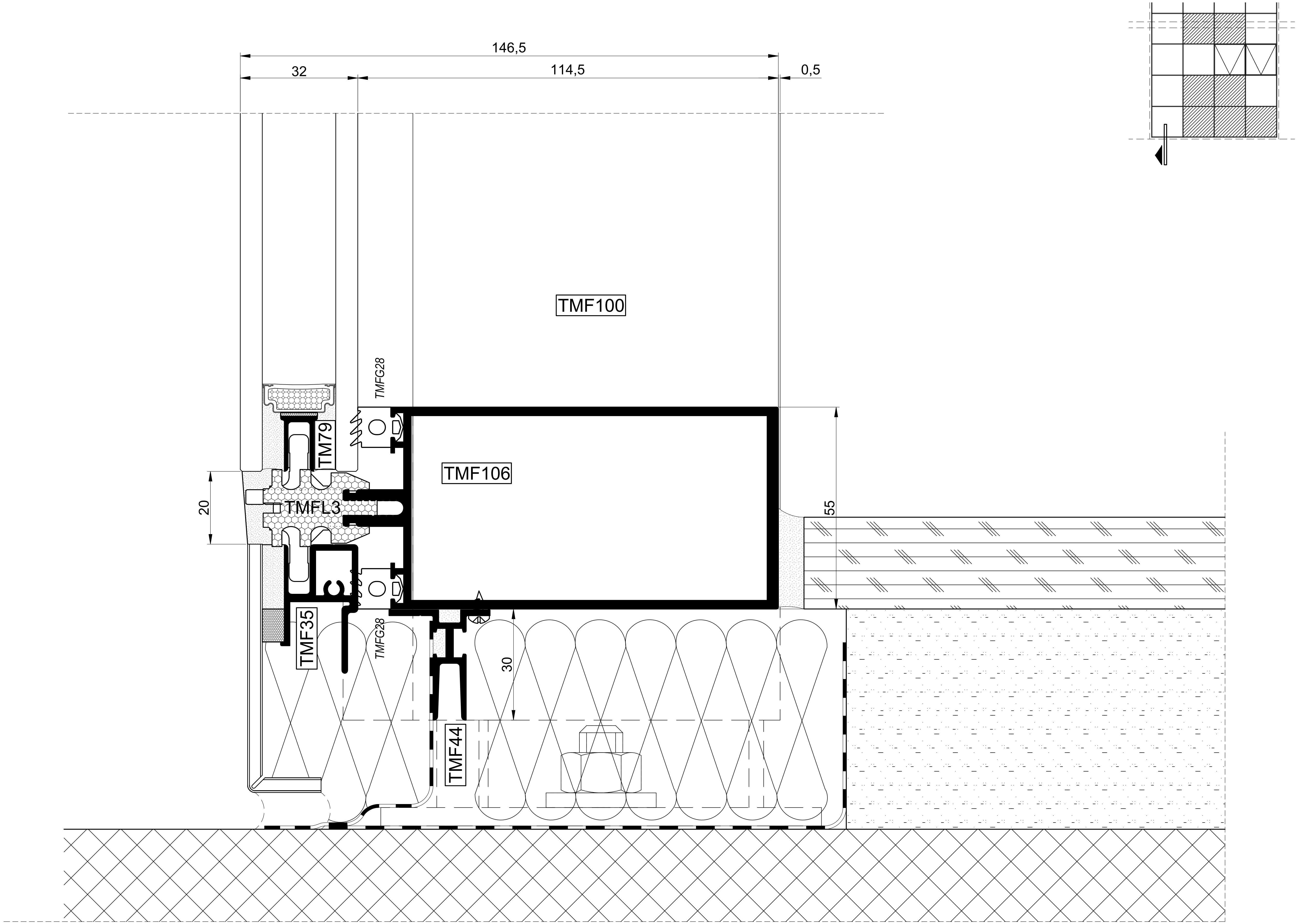
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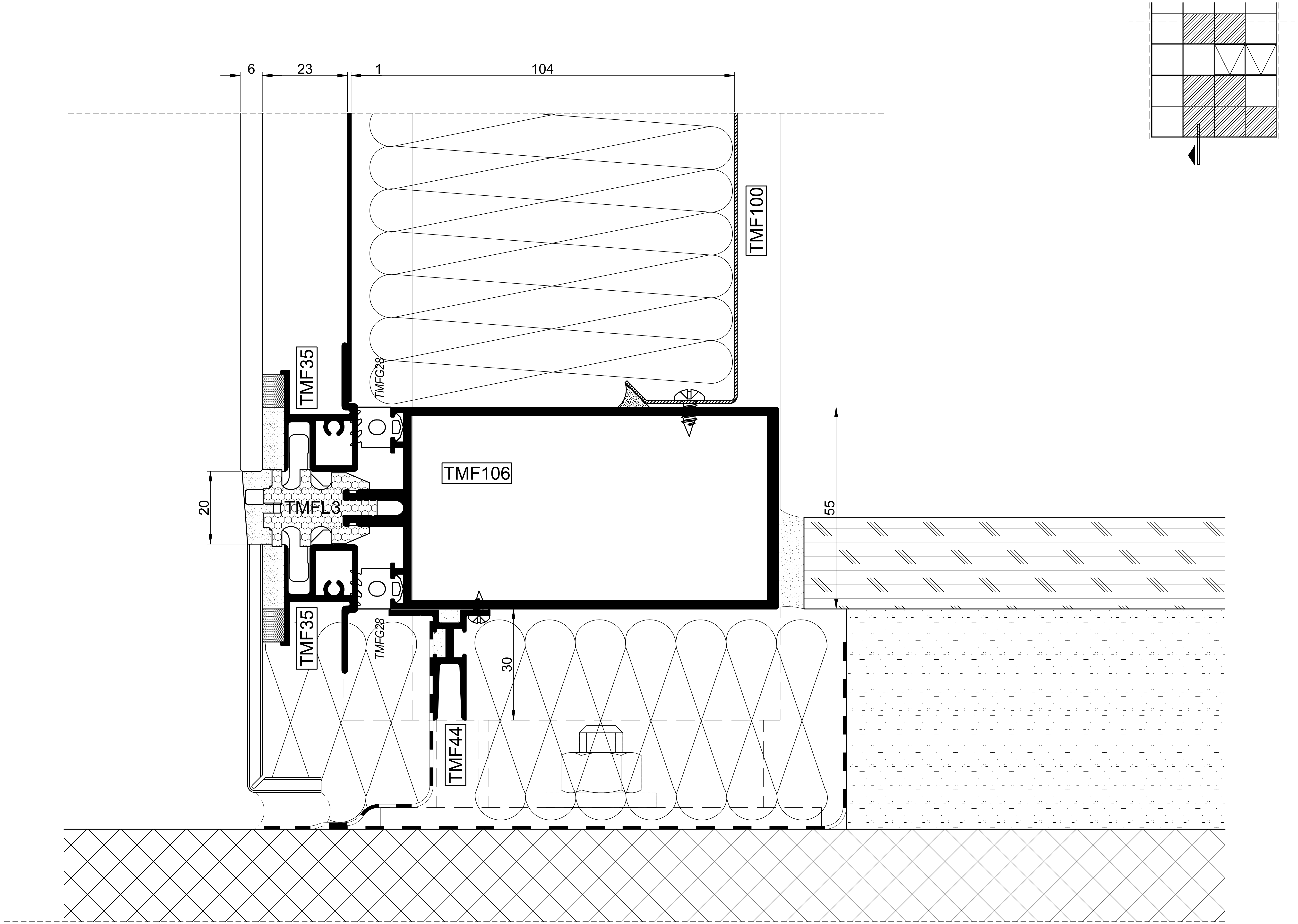
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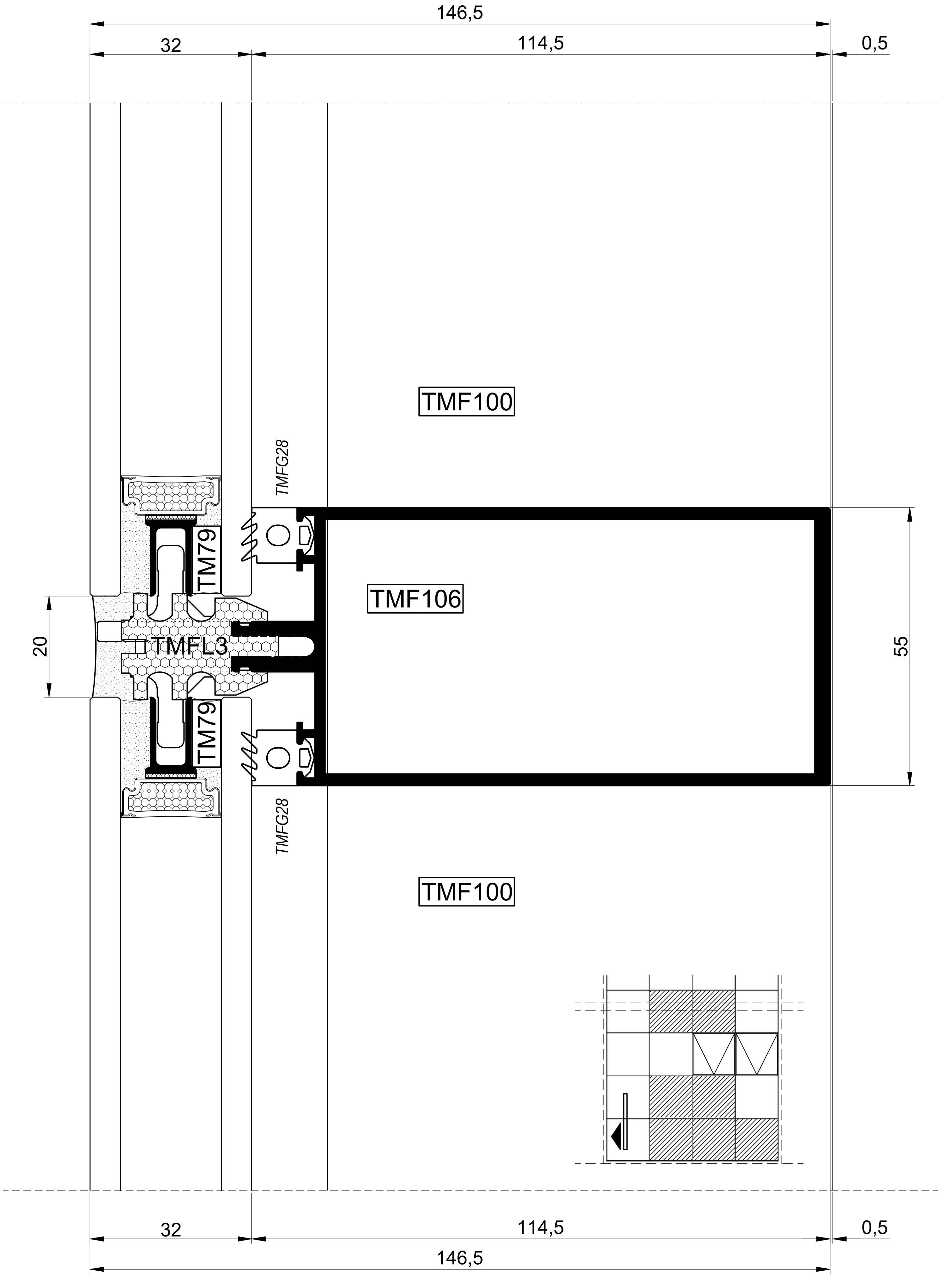
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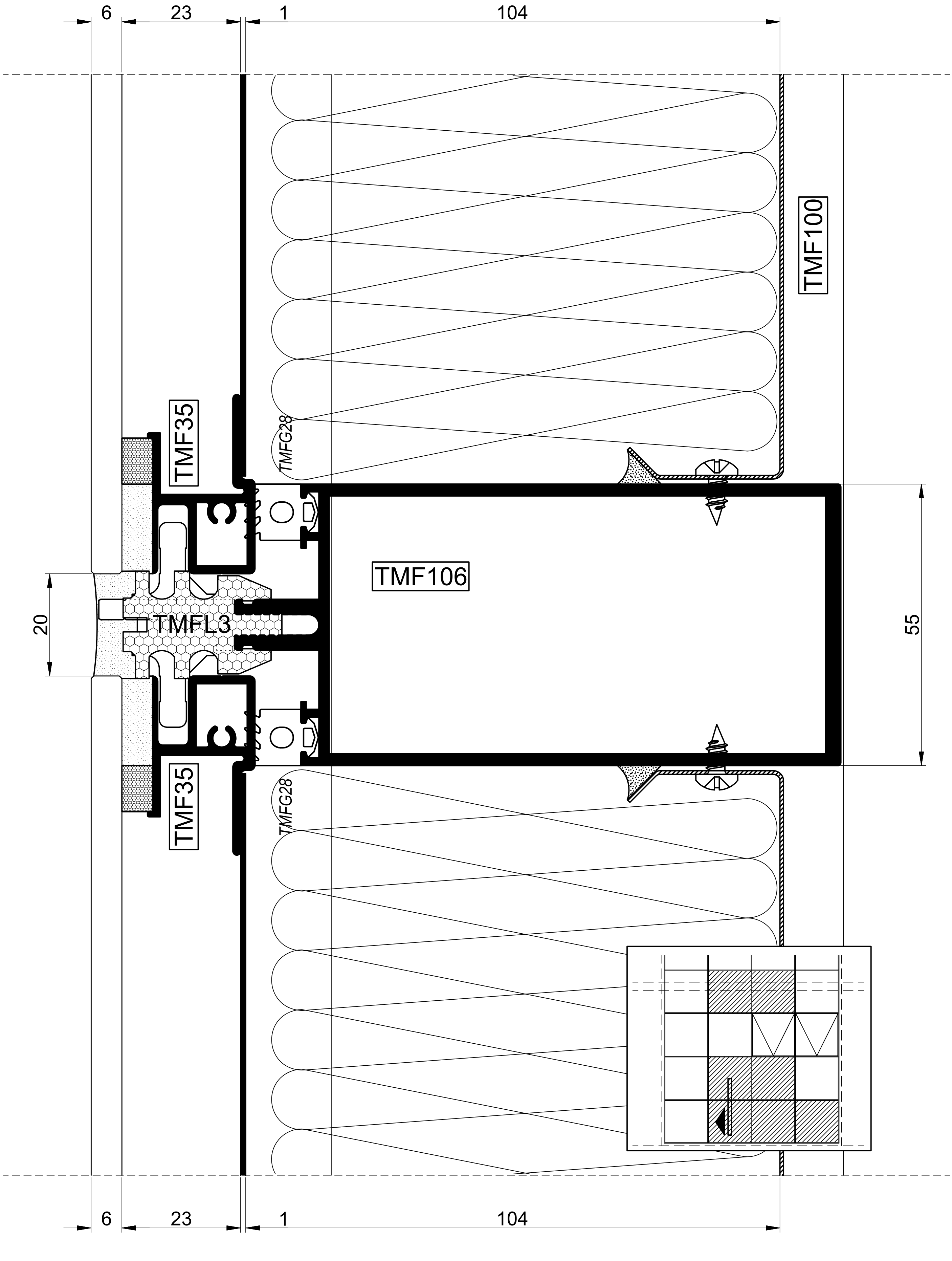
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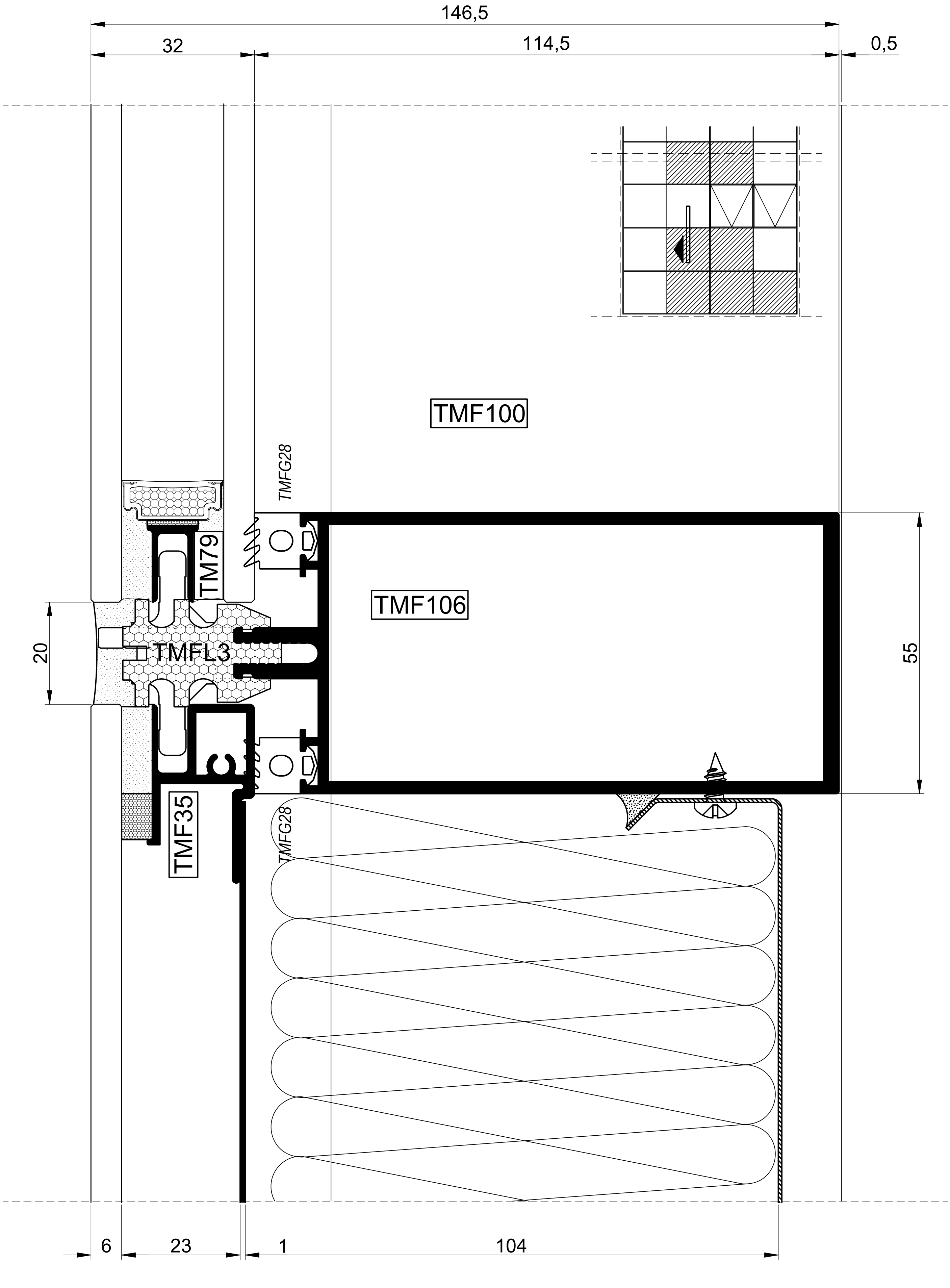
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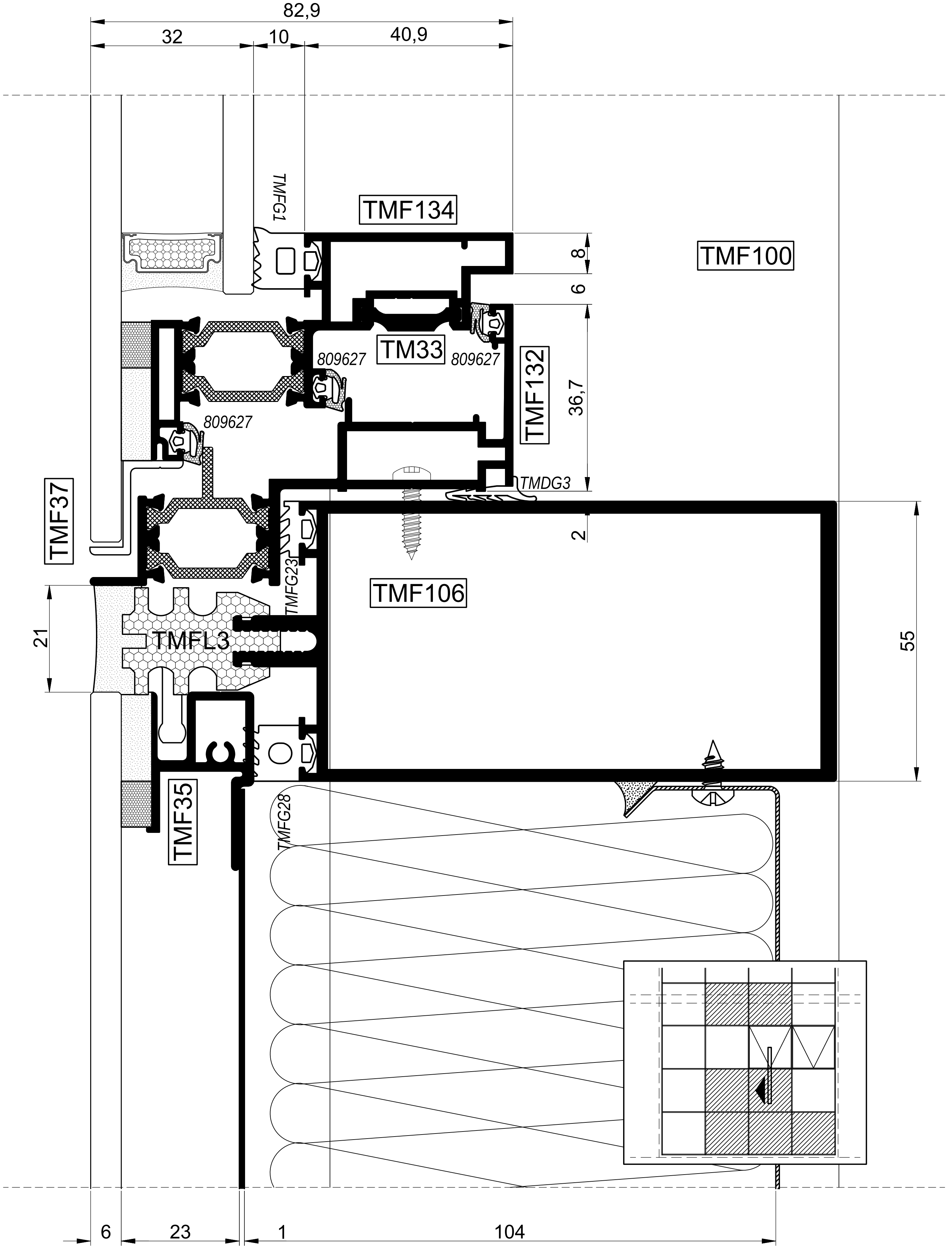
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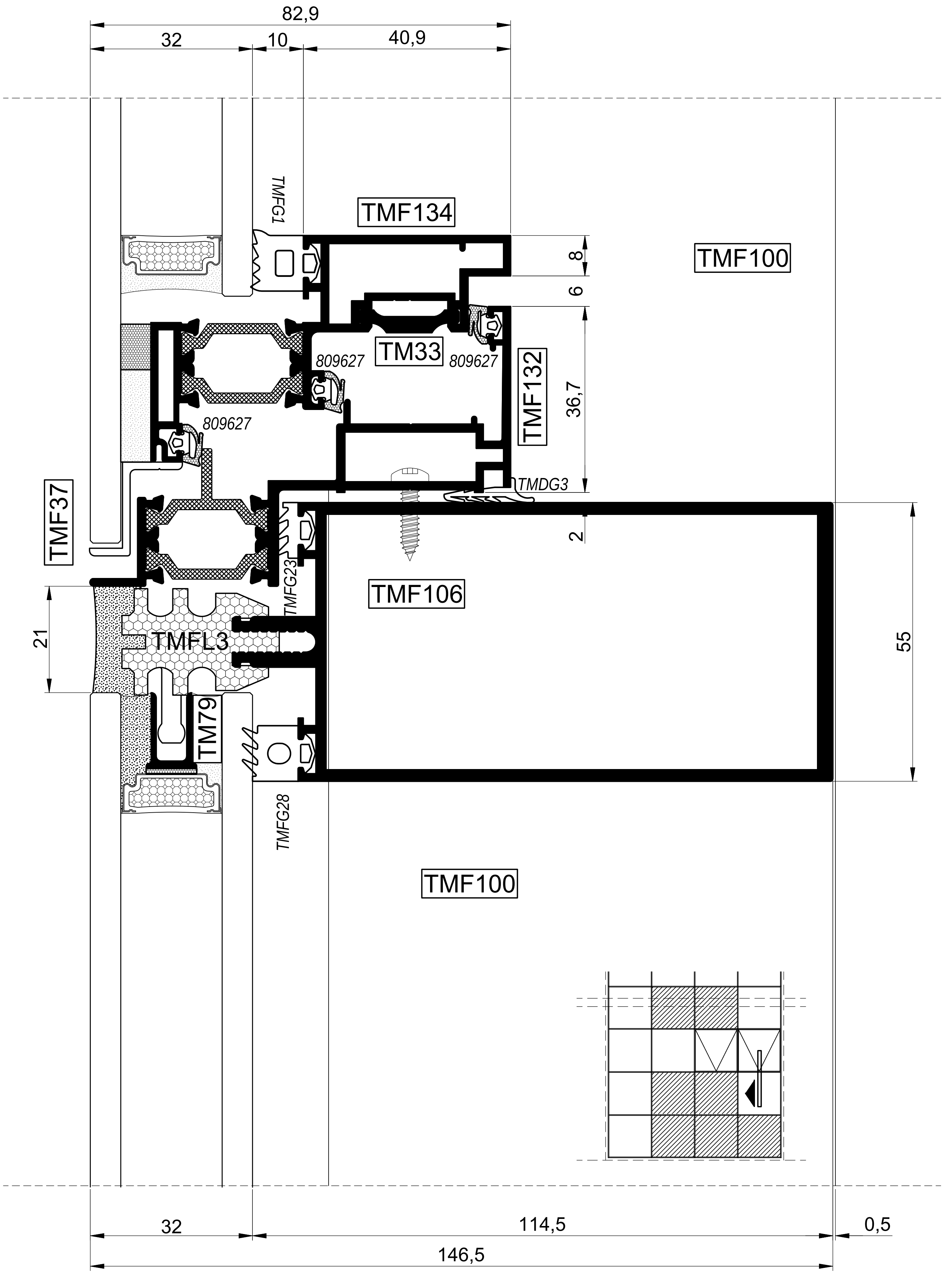
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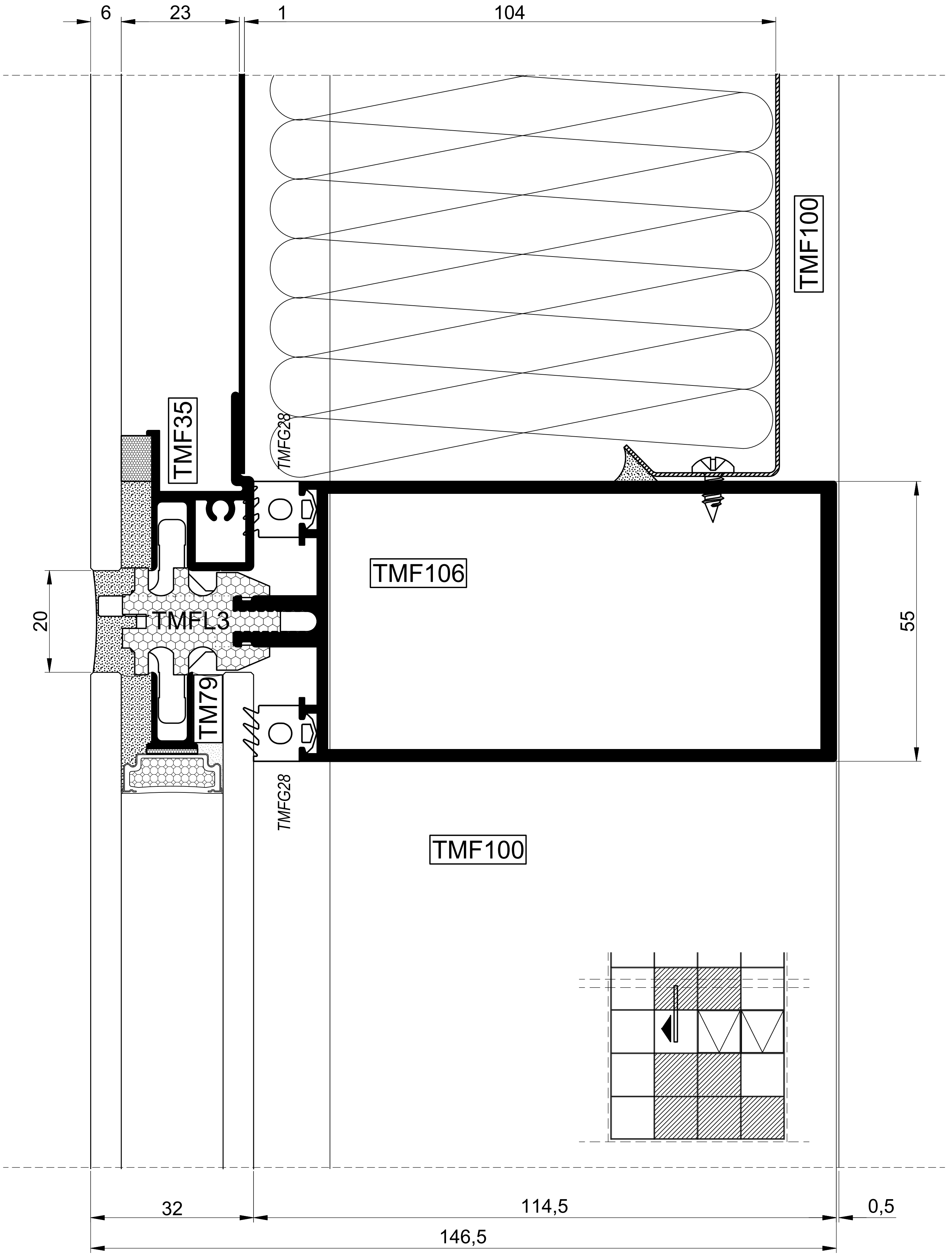
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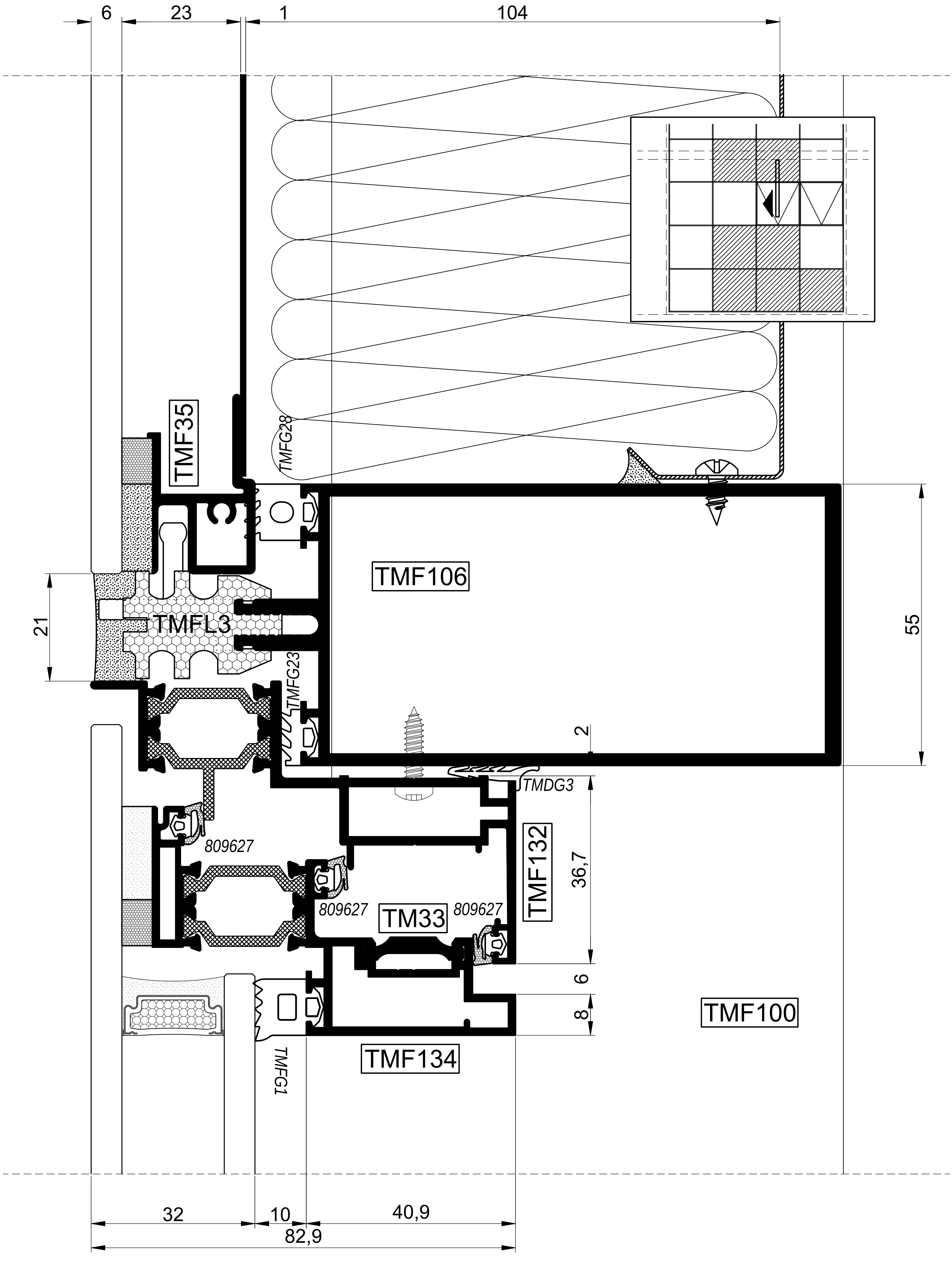
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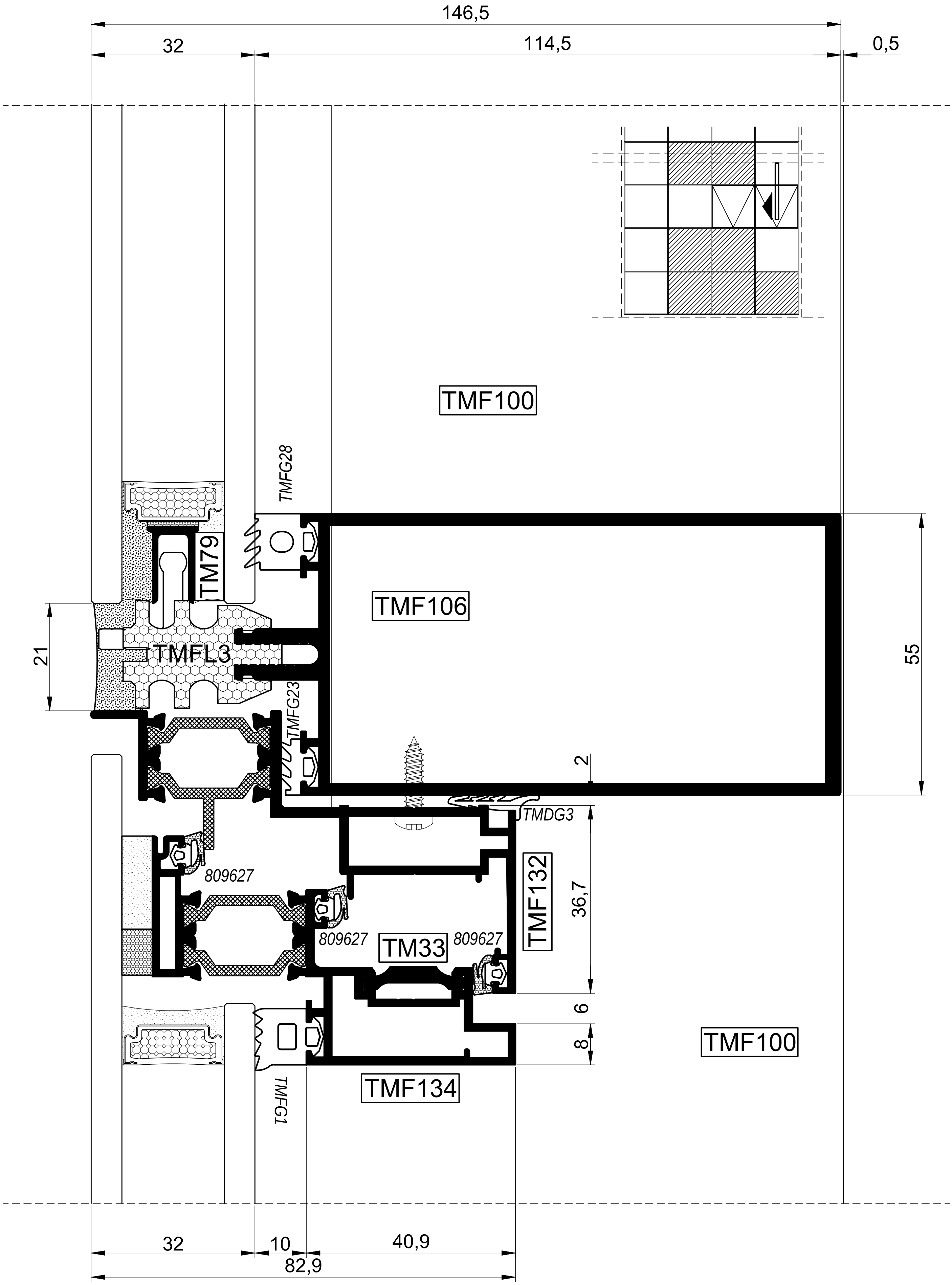
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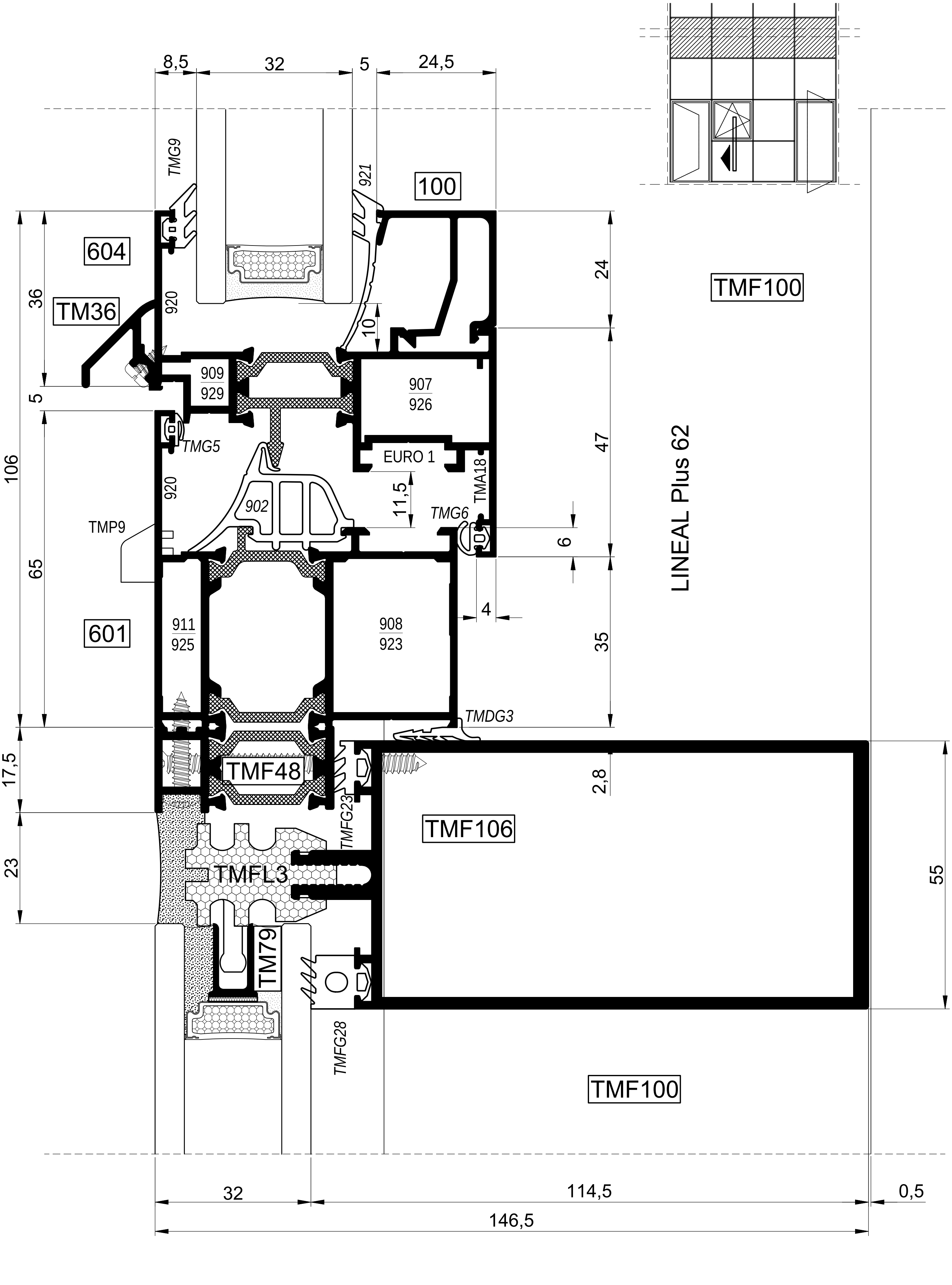
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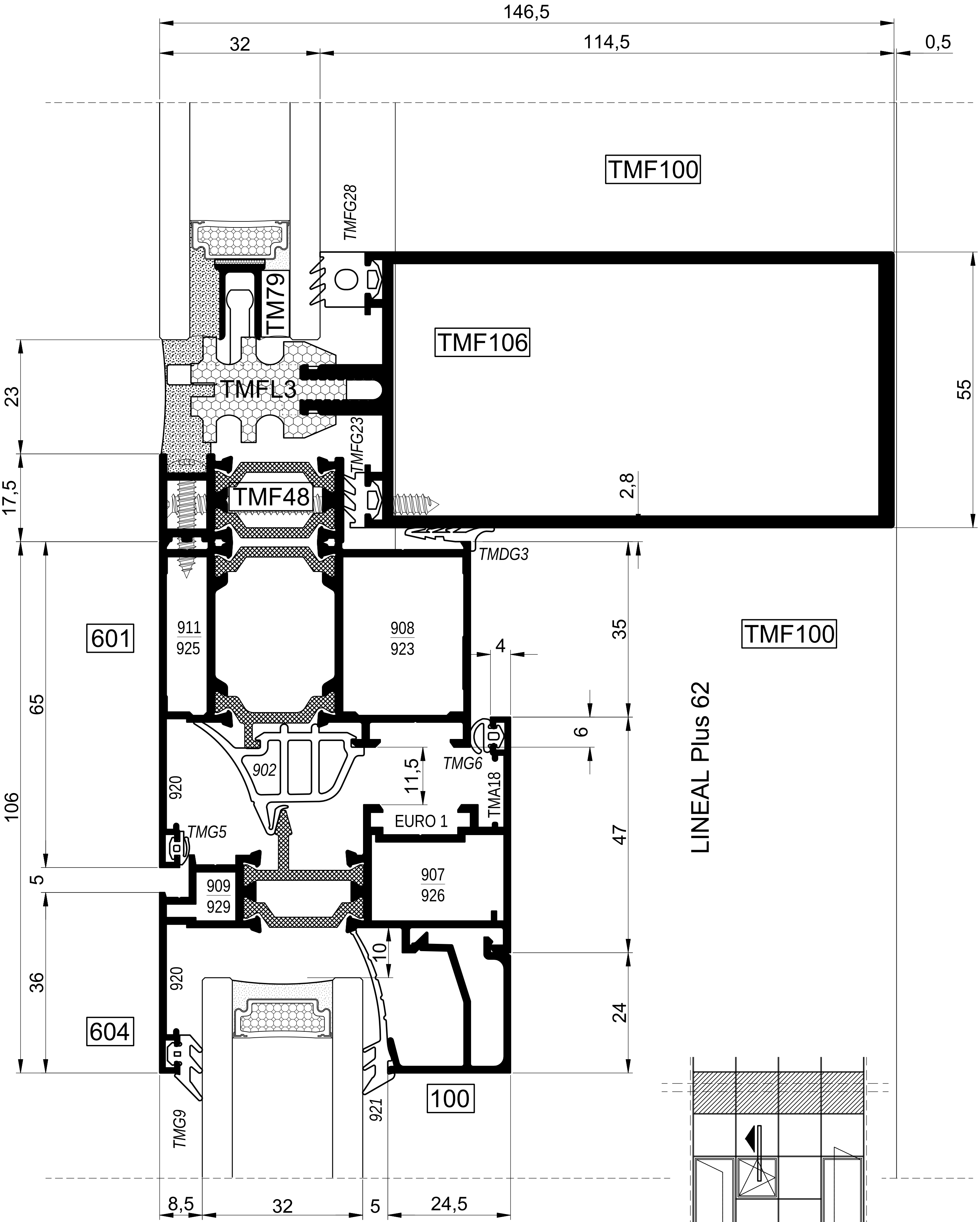
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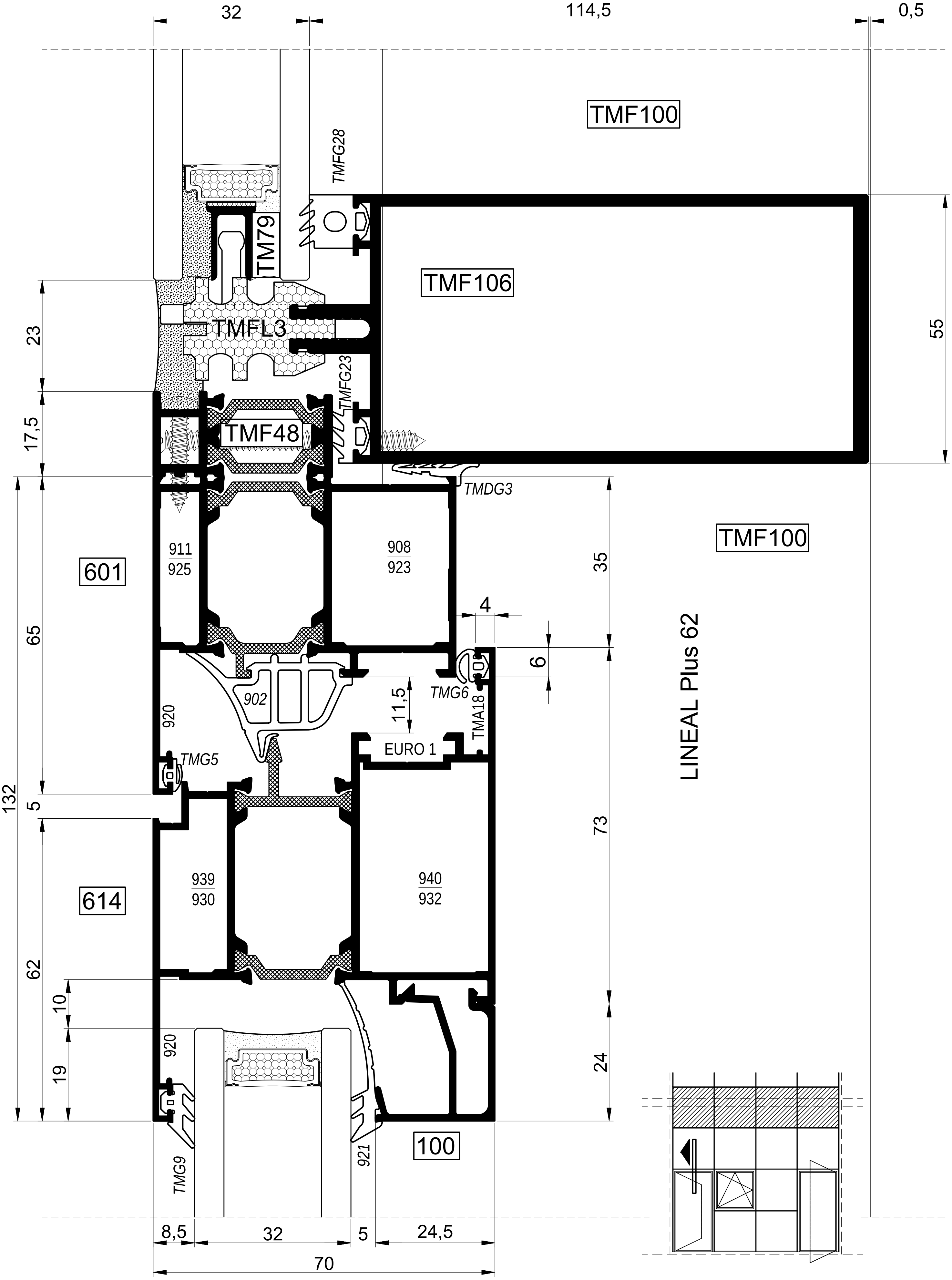
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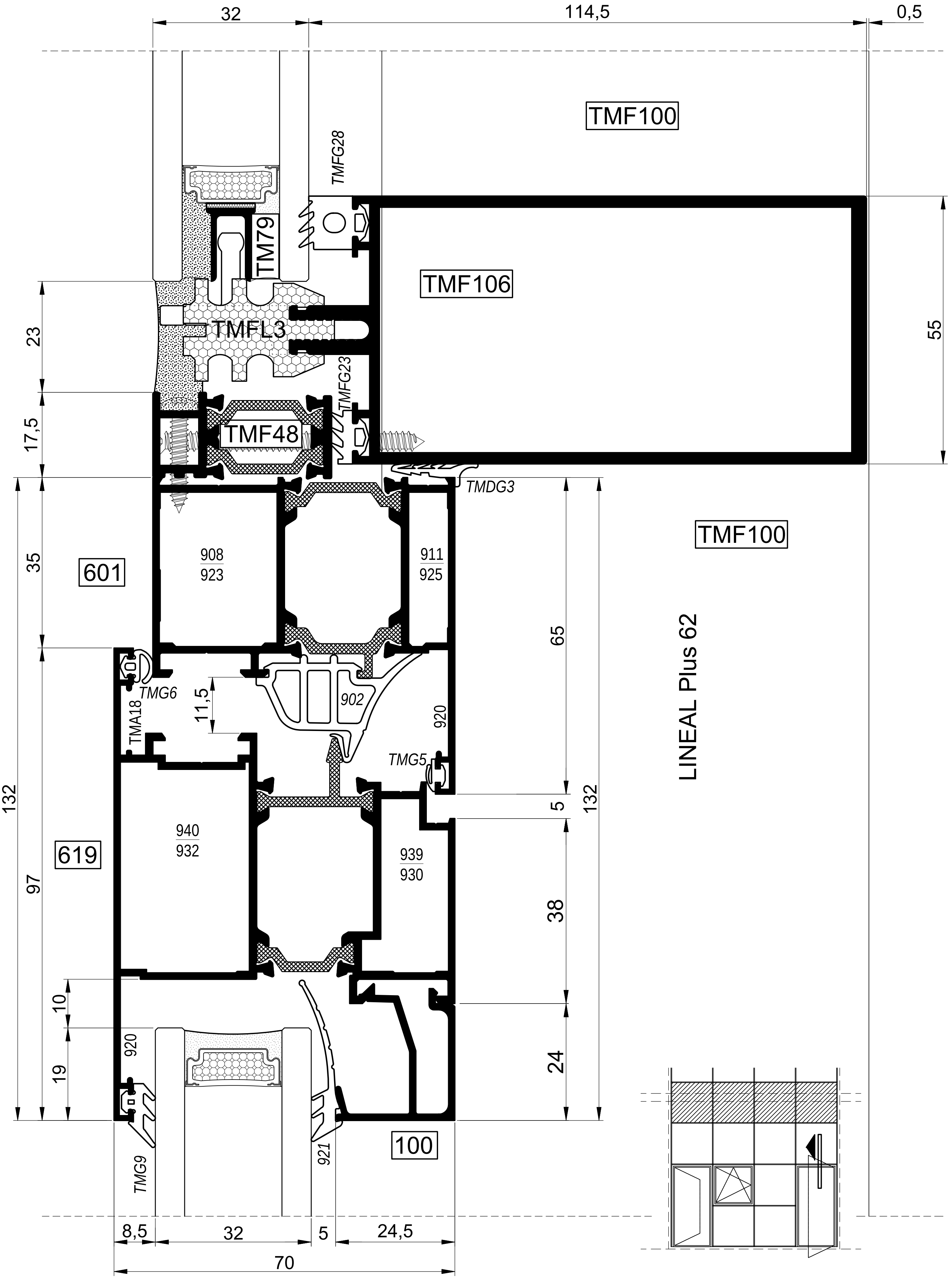
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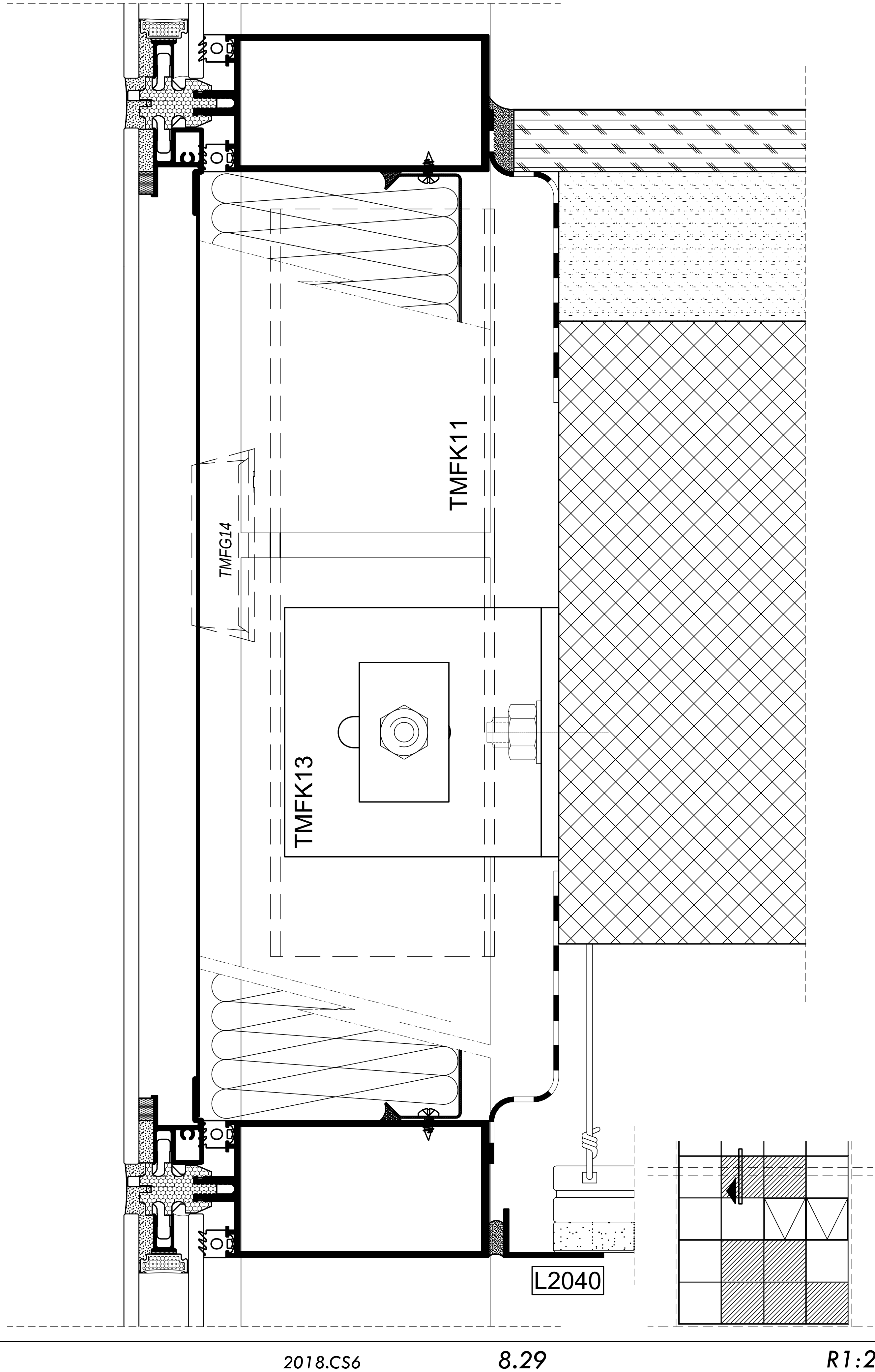
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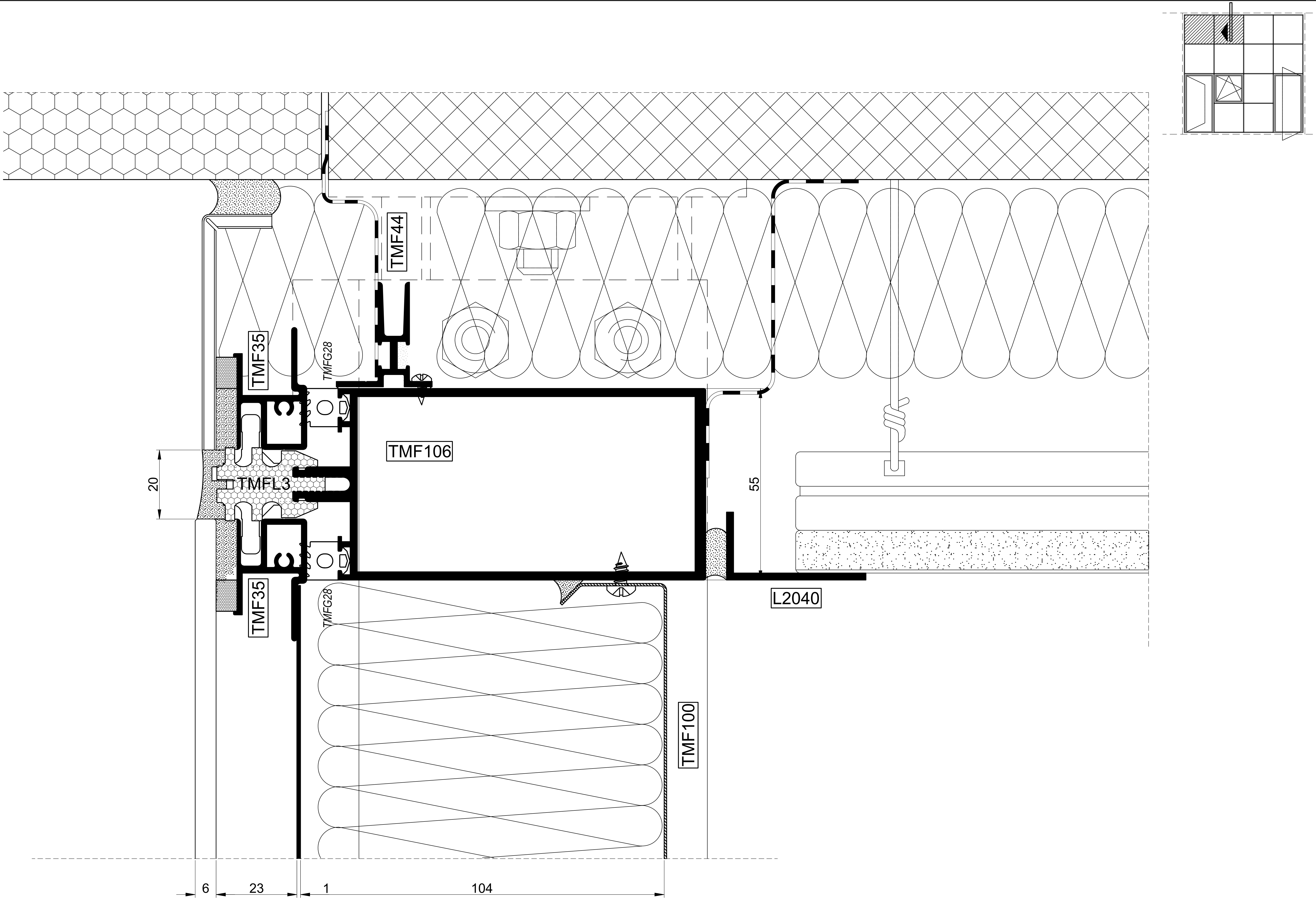
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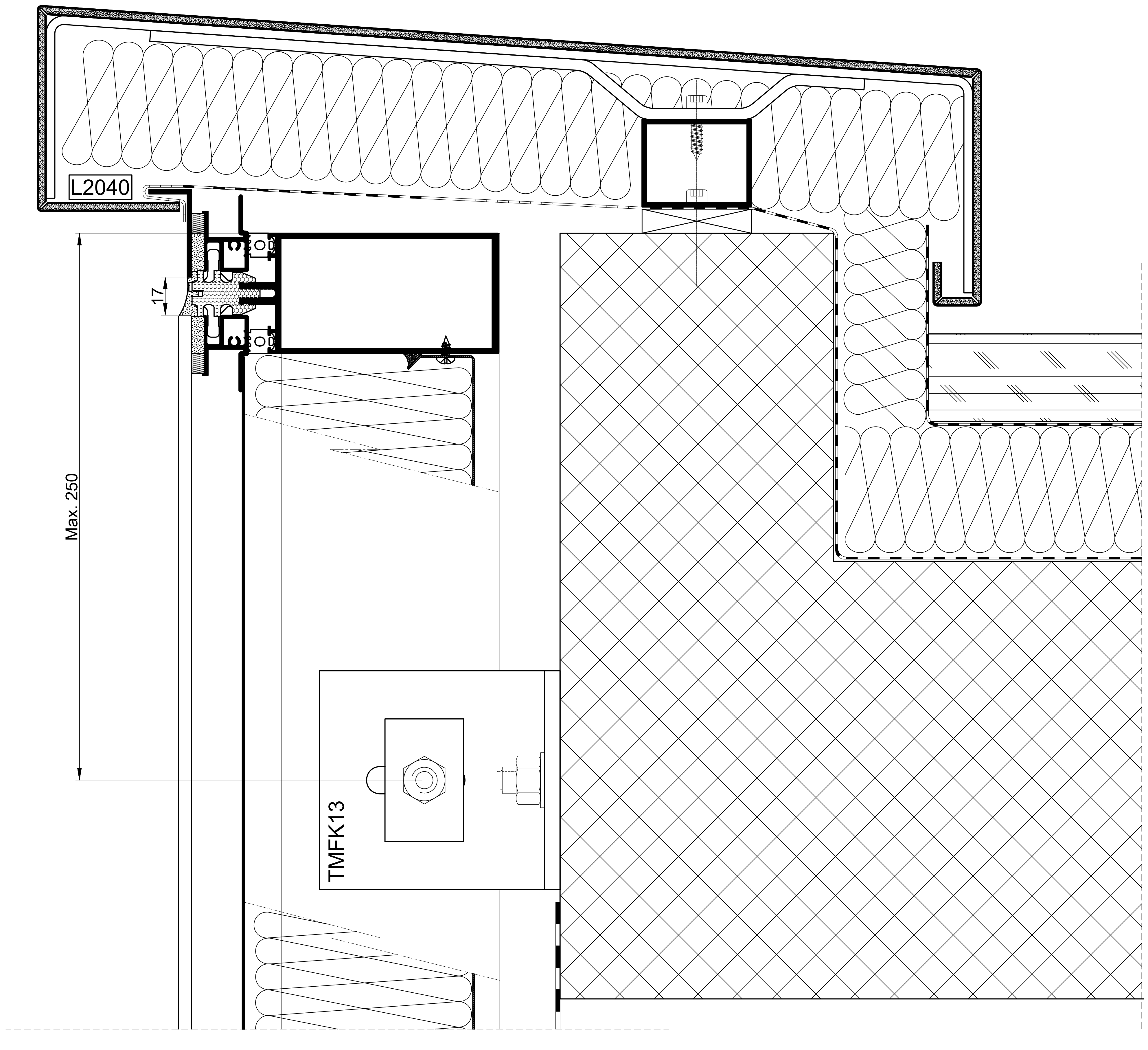
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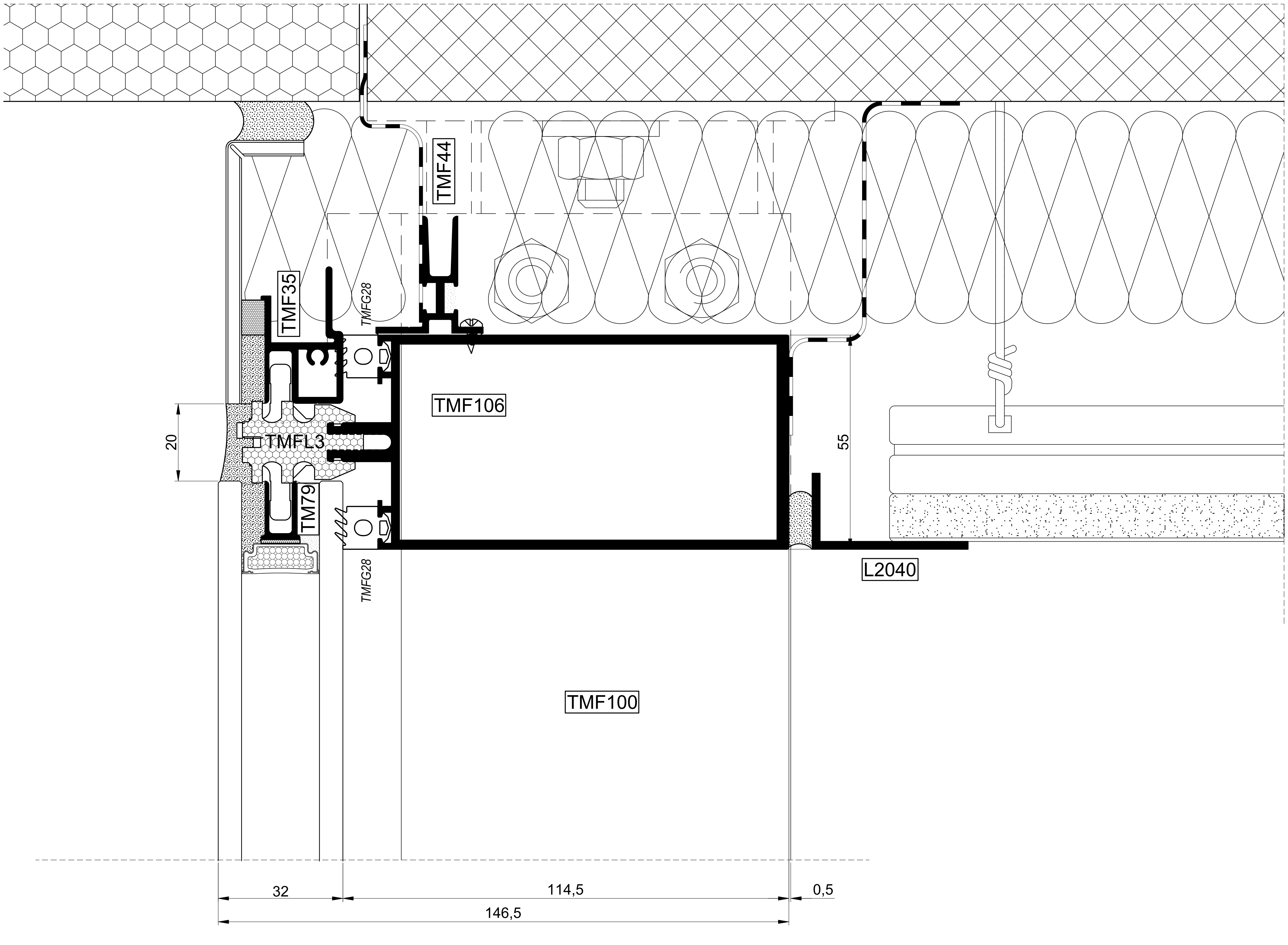
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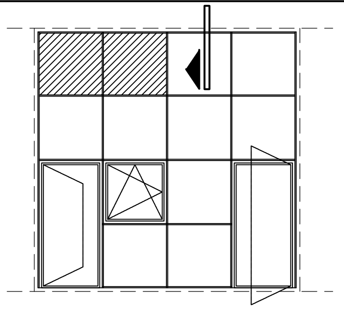

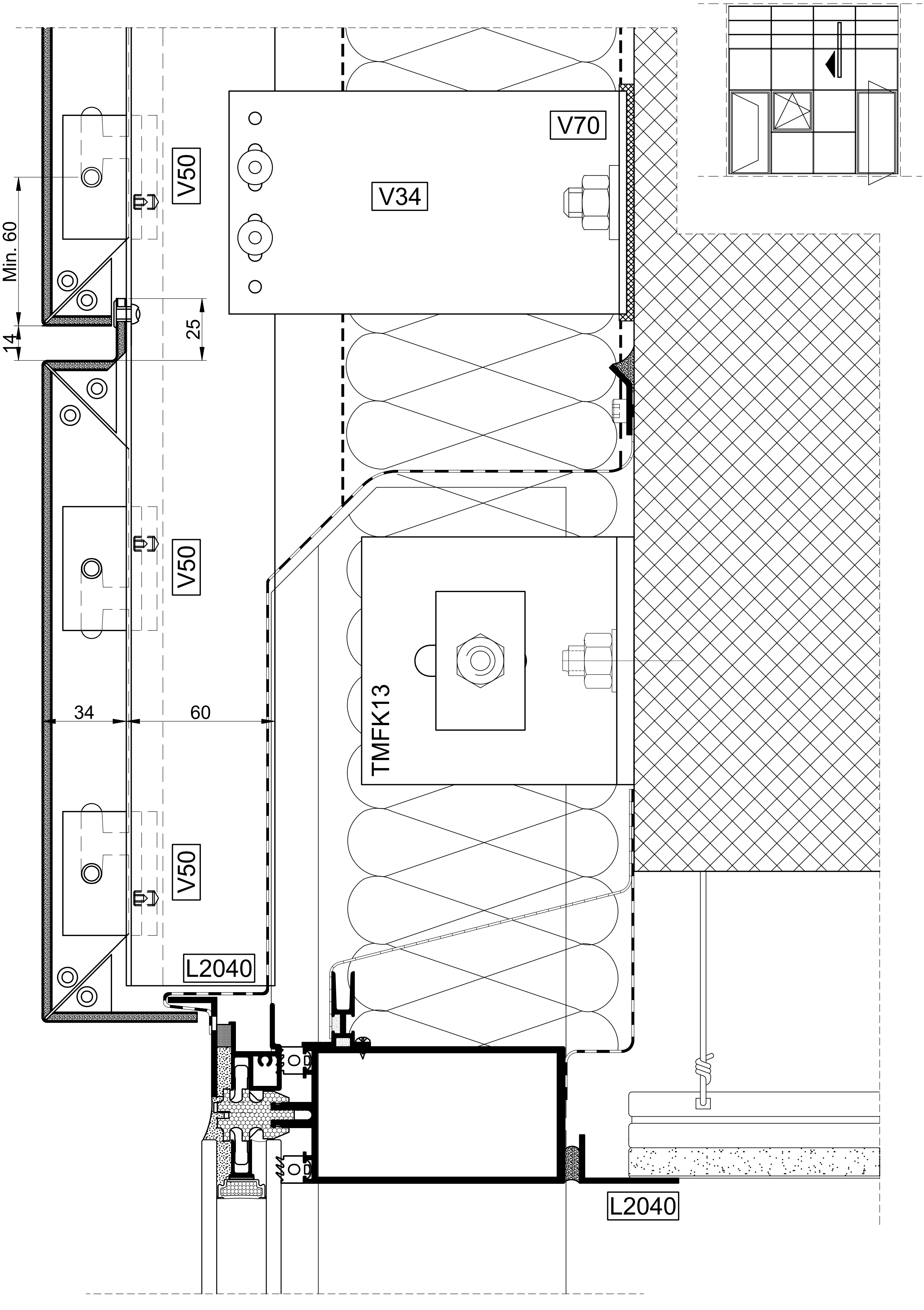
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V34
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Min. 60
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V50
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TMFK13
V50
L2040
L2040

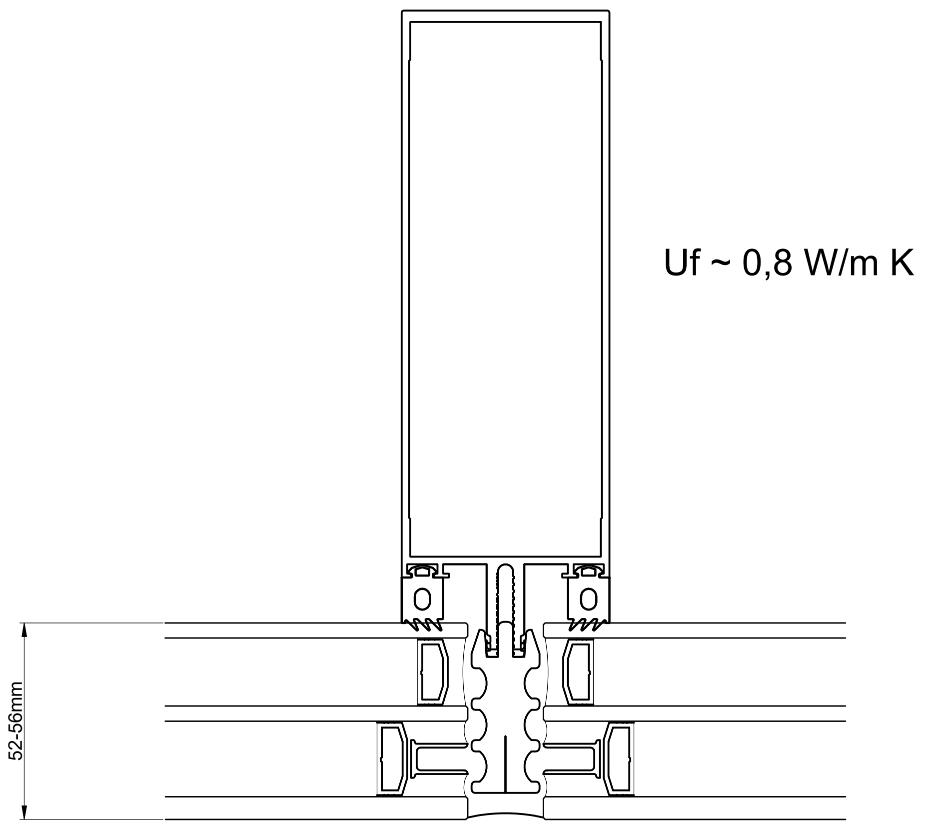
Sistem
System
Система

ALUMINIK CS55

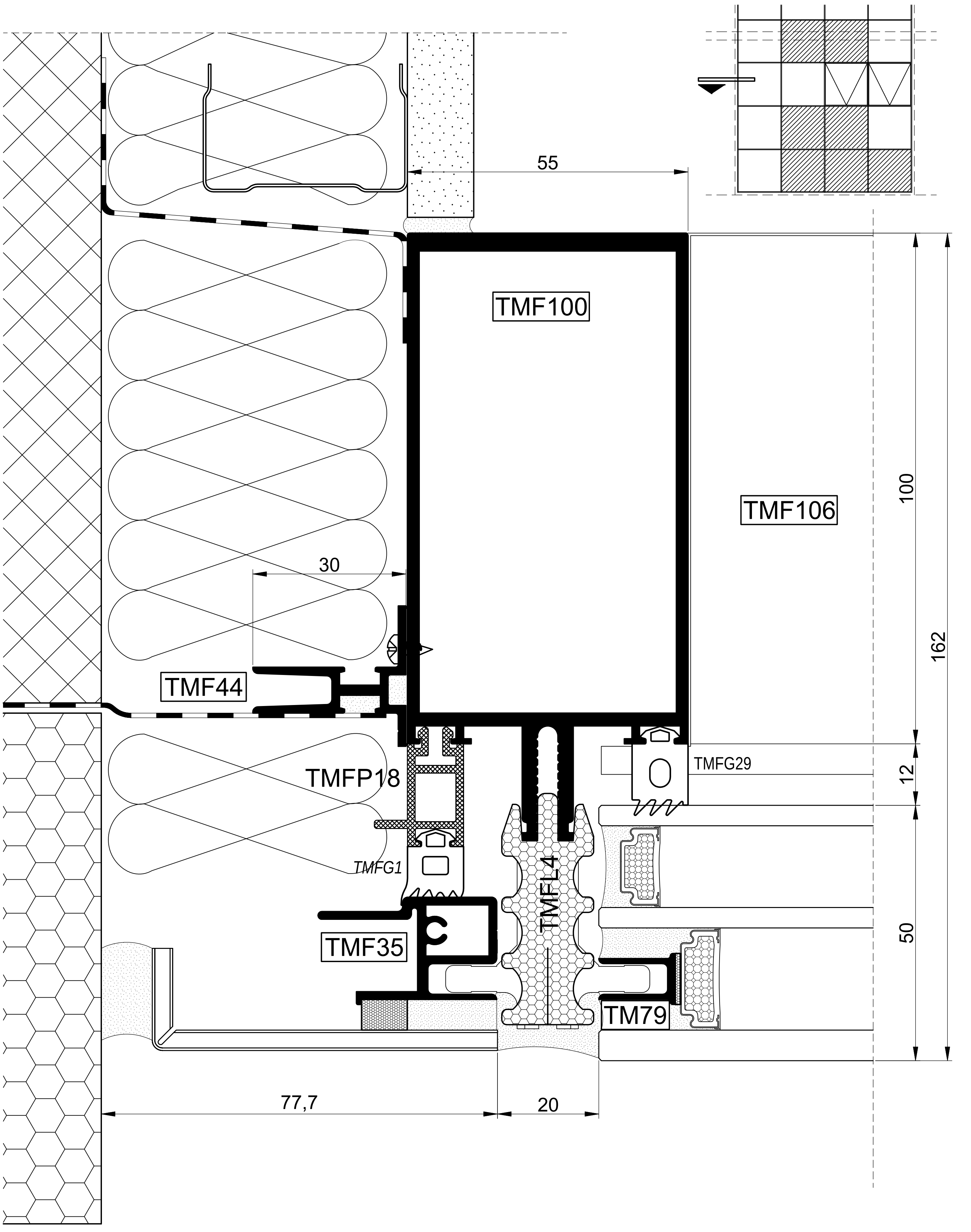
Strukturalna fasada
Structural facade
Структурная фасад

4

Troslojno ostakljenje
Triple glazing
Трокамерный стеклопакет



Strukturalni silikon
Structural silicone
Структурная силиконовая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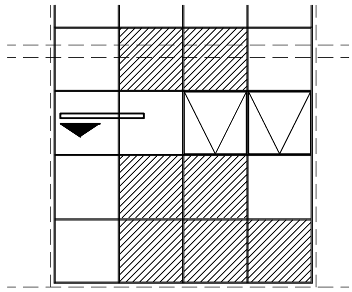

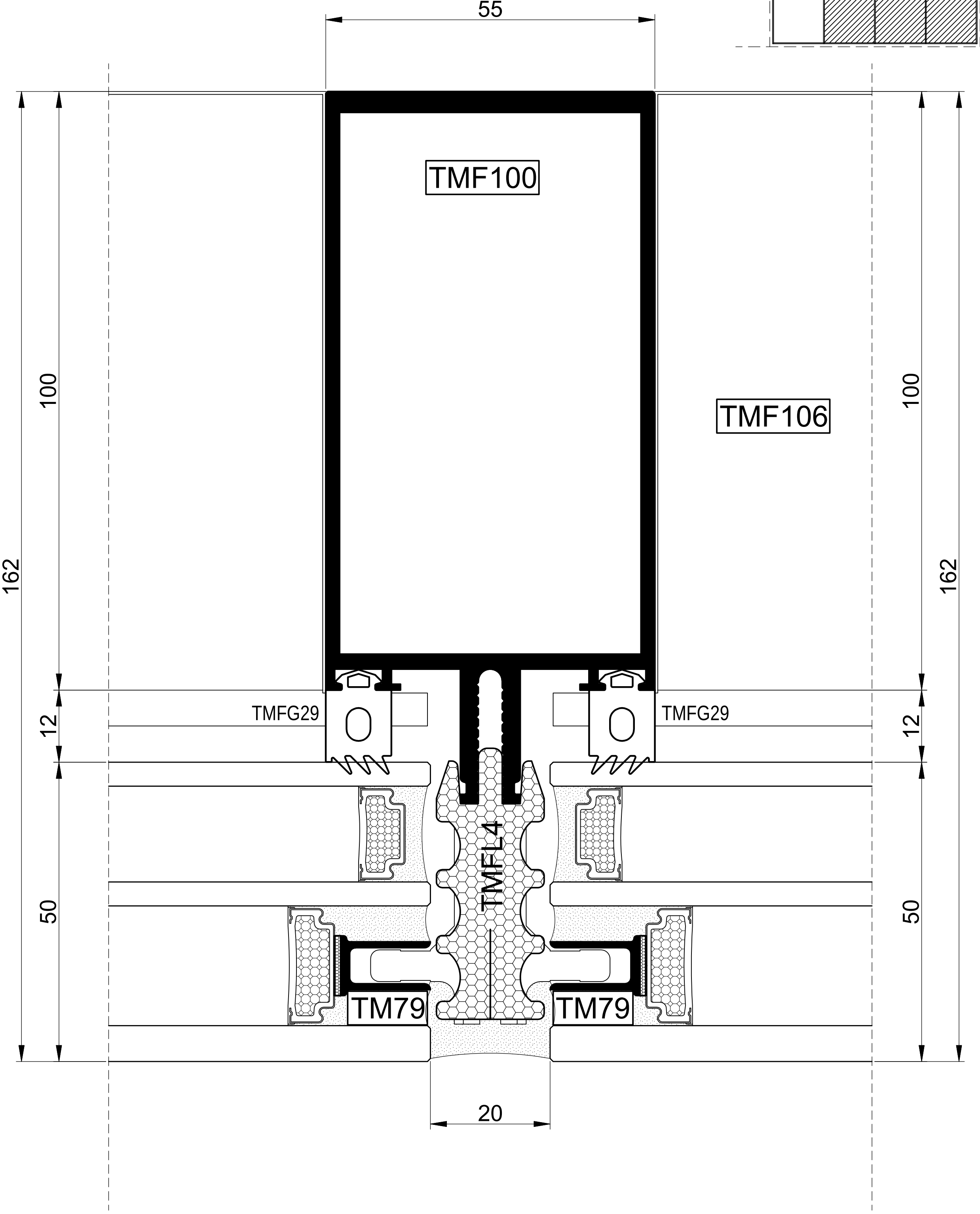
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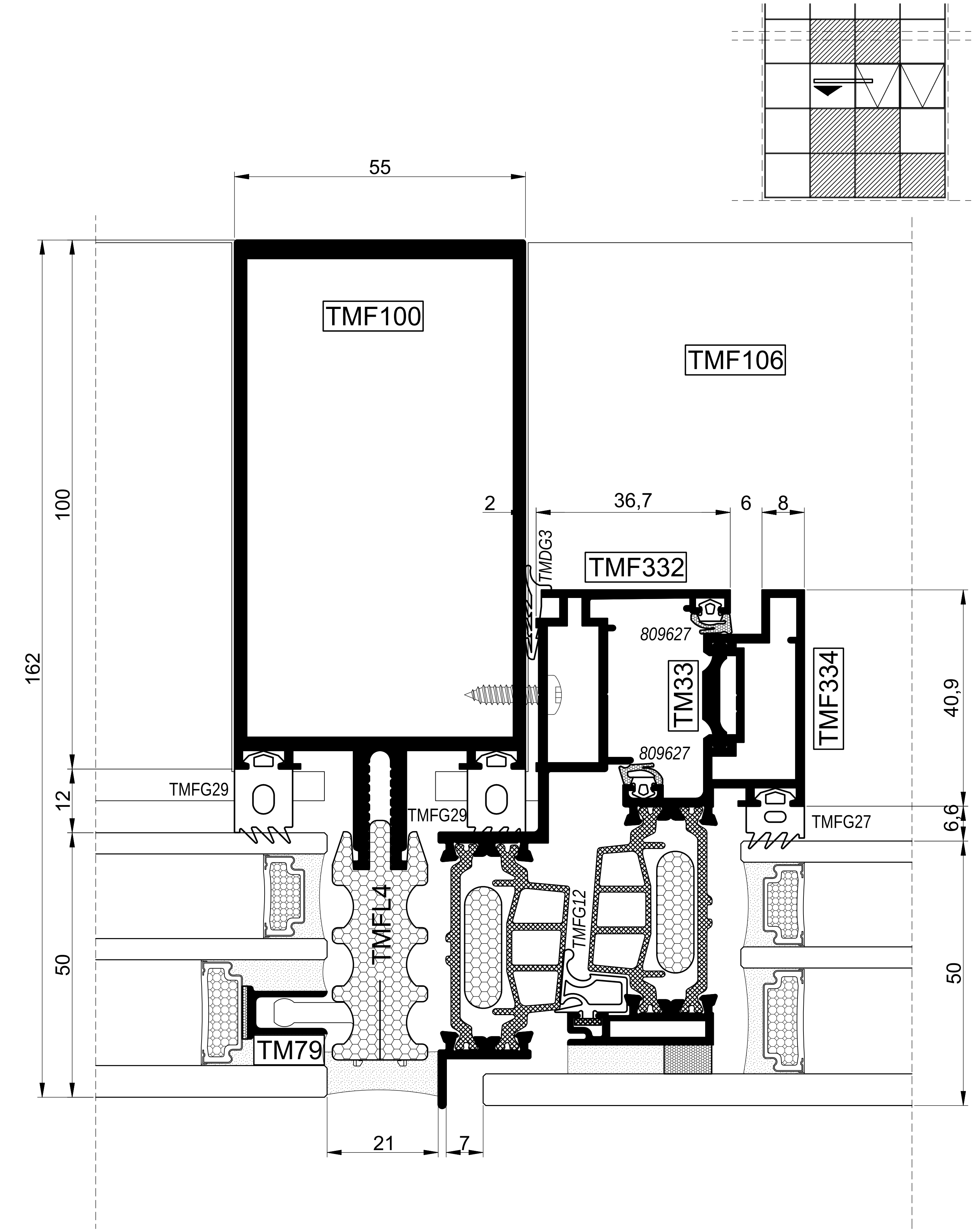
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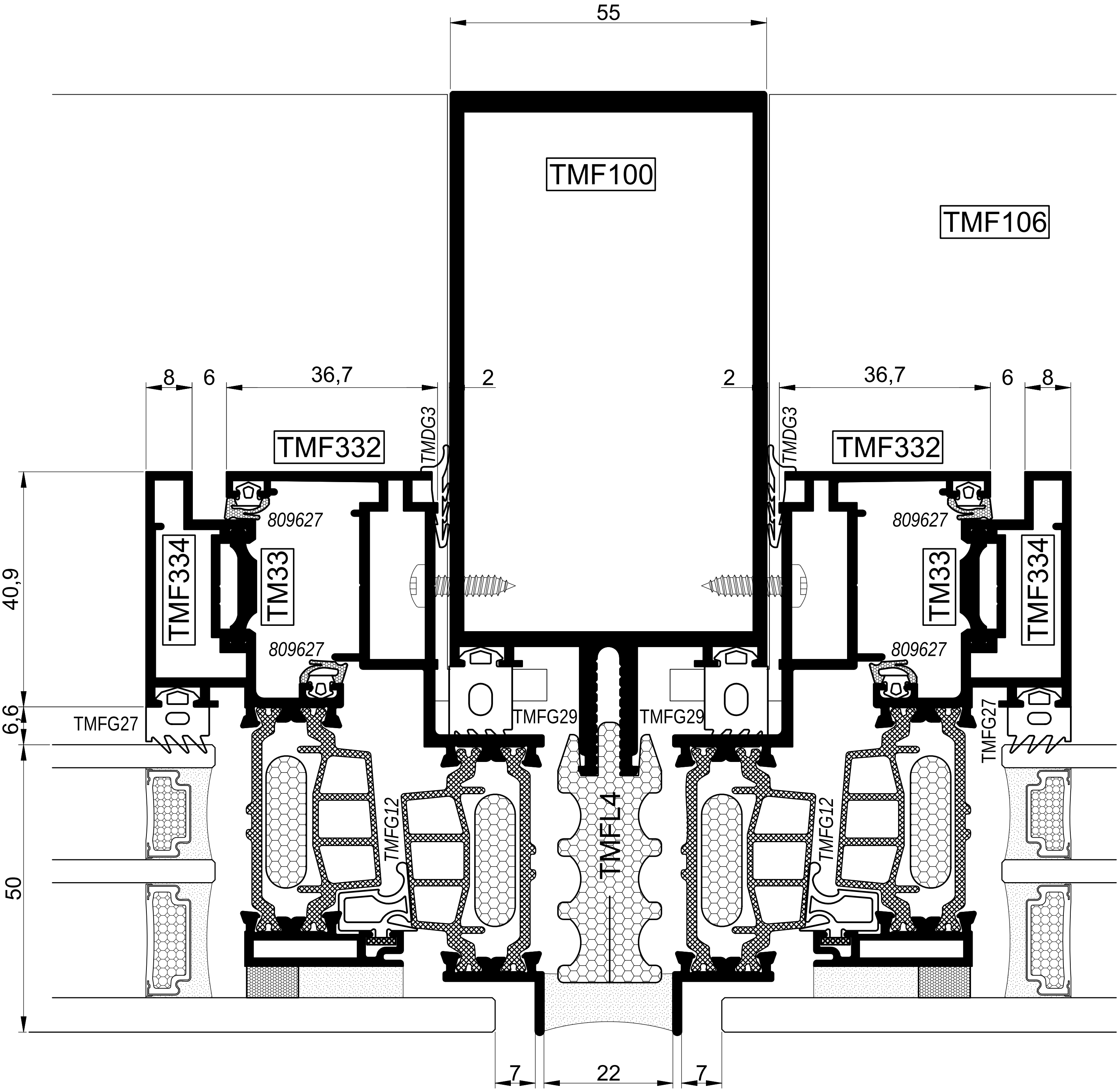
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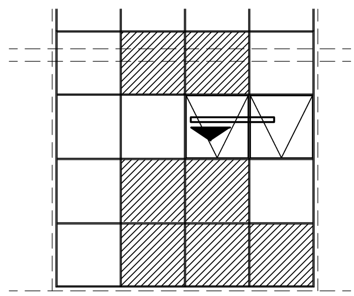

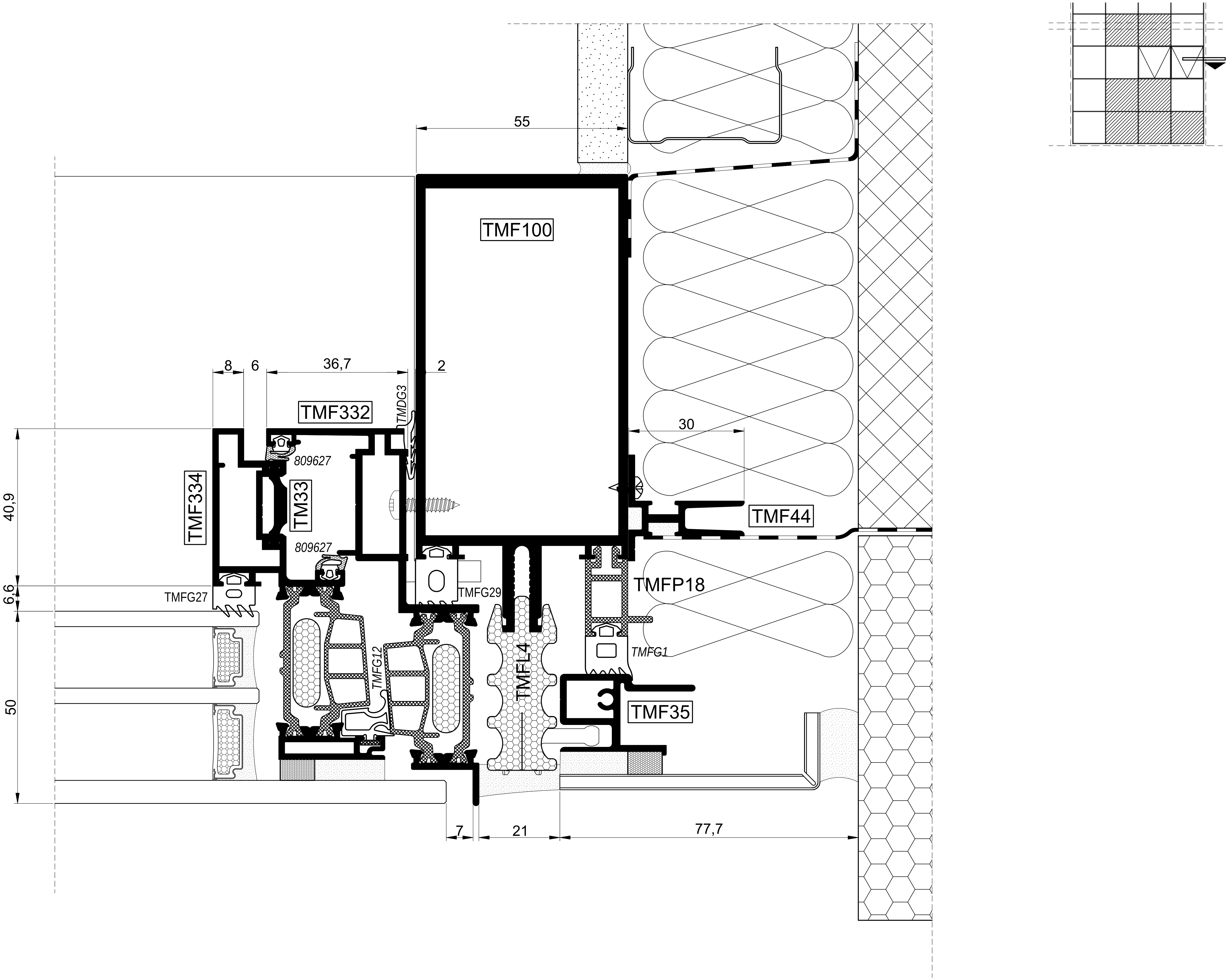
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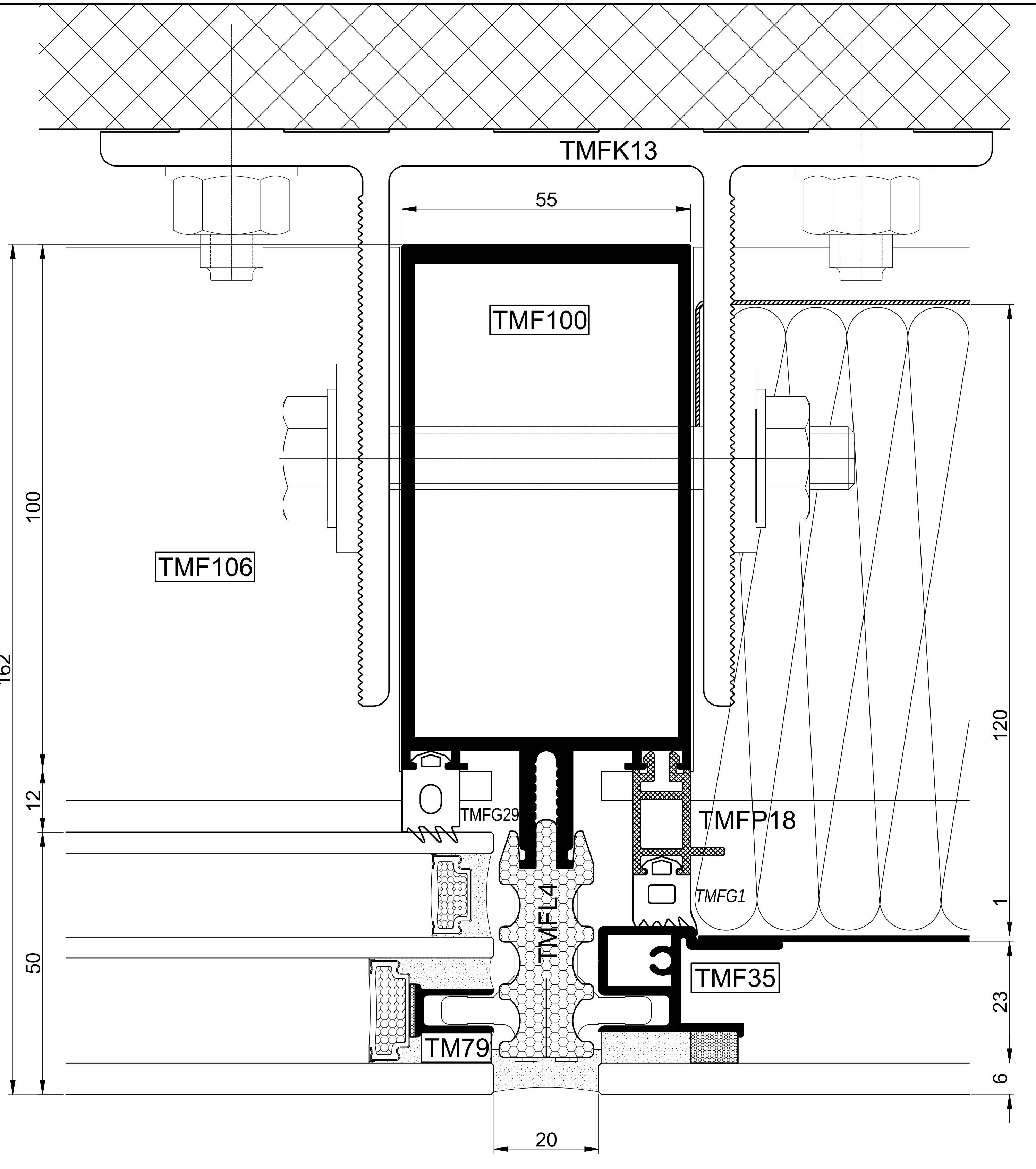
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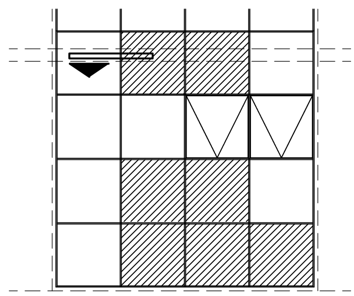

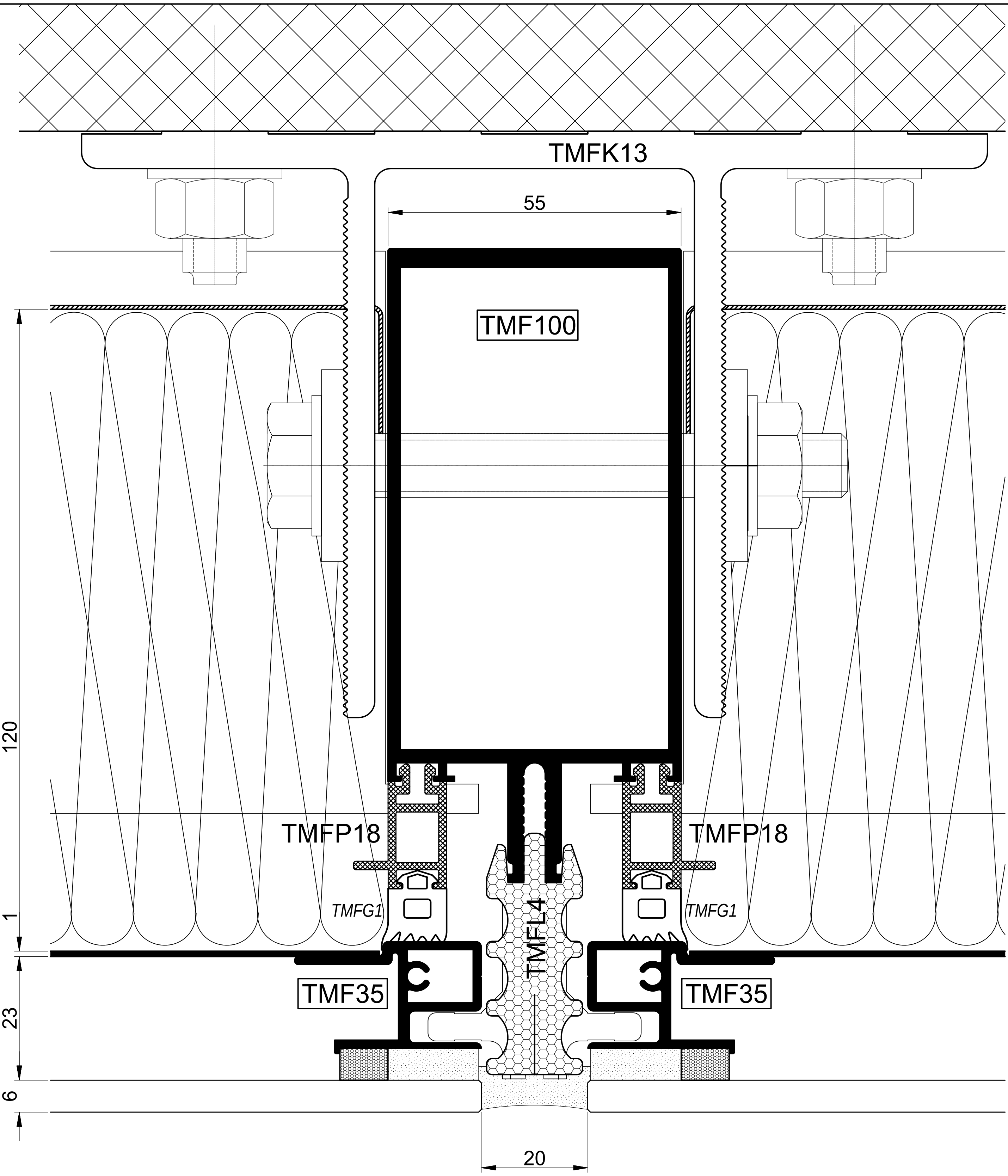
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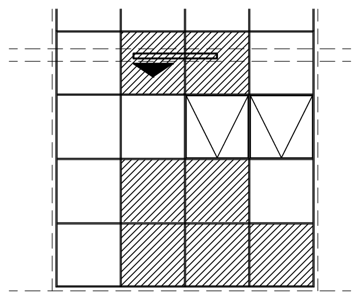

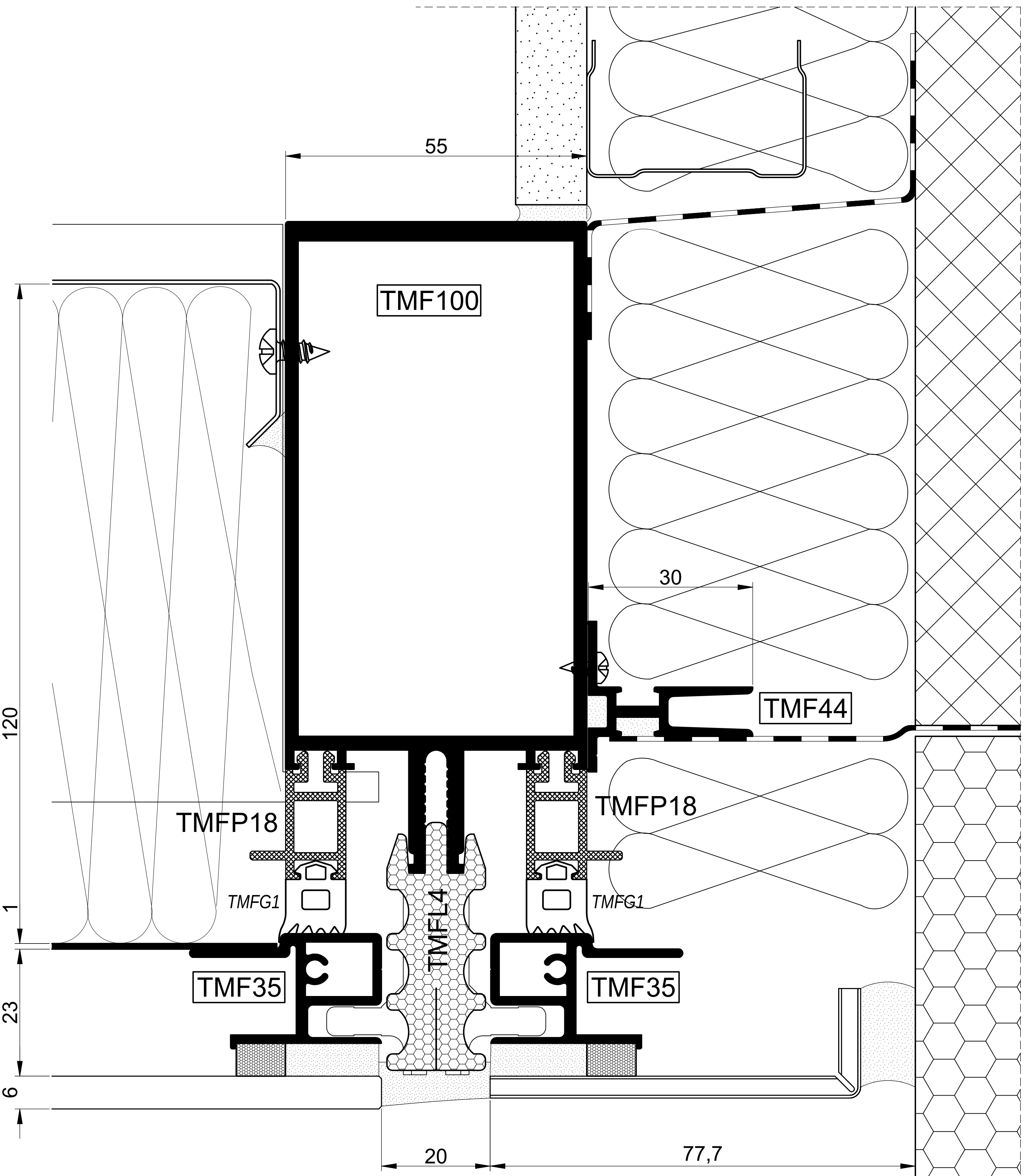
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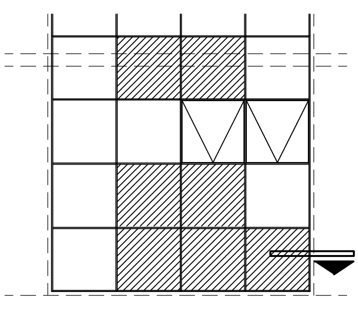

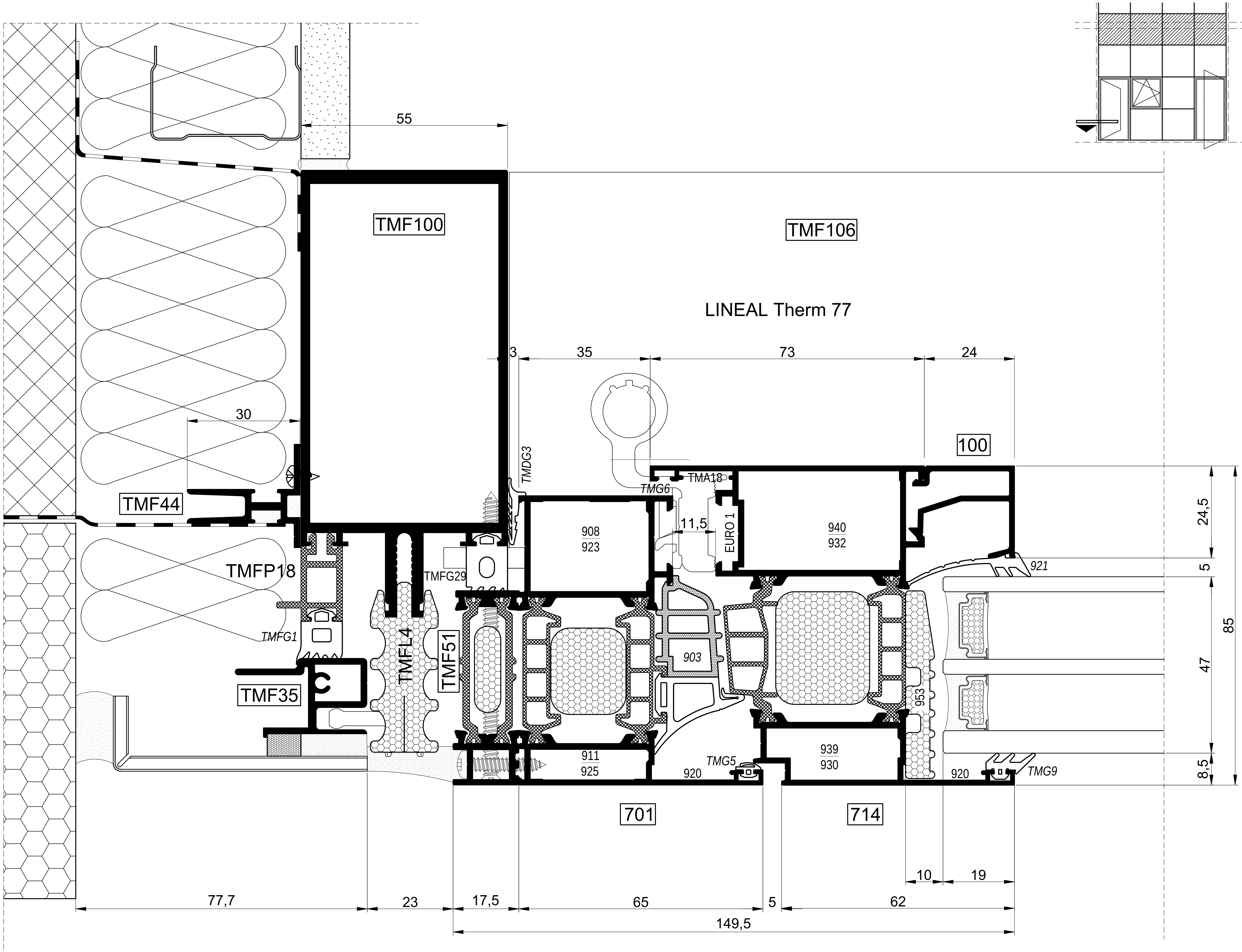
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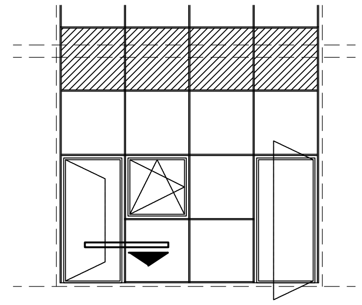

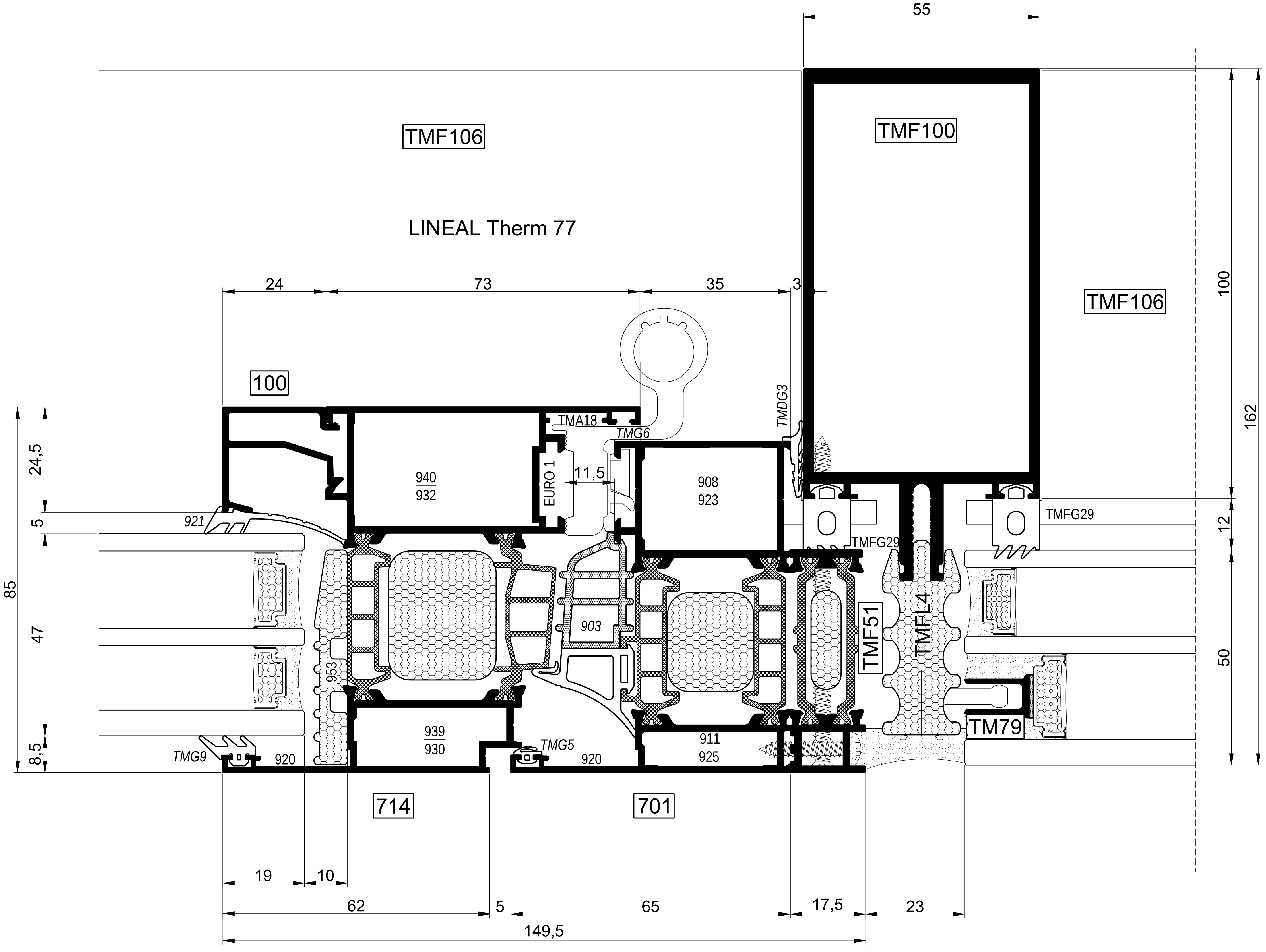
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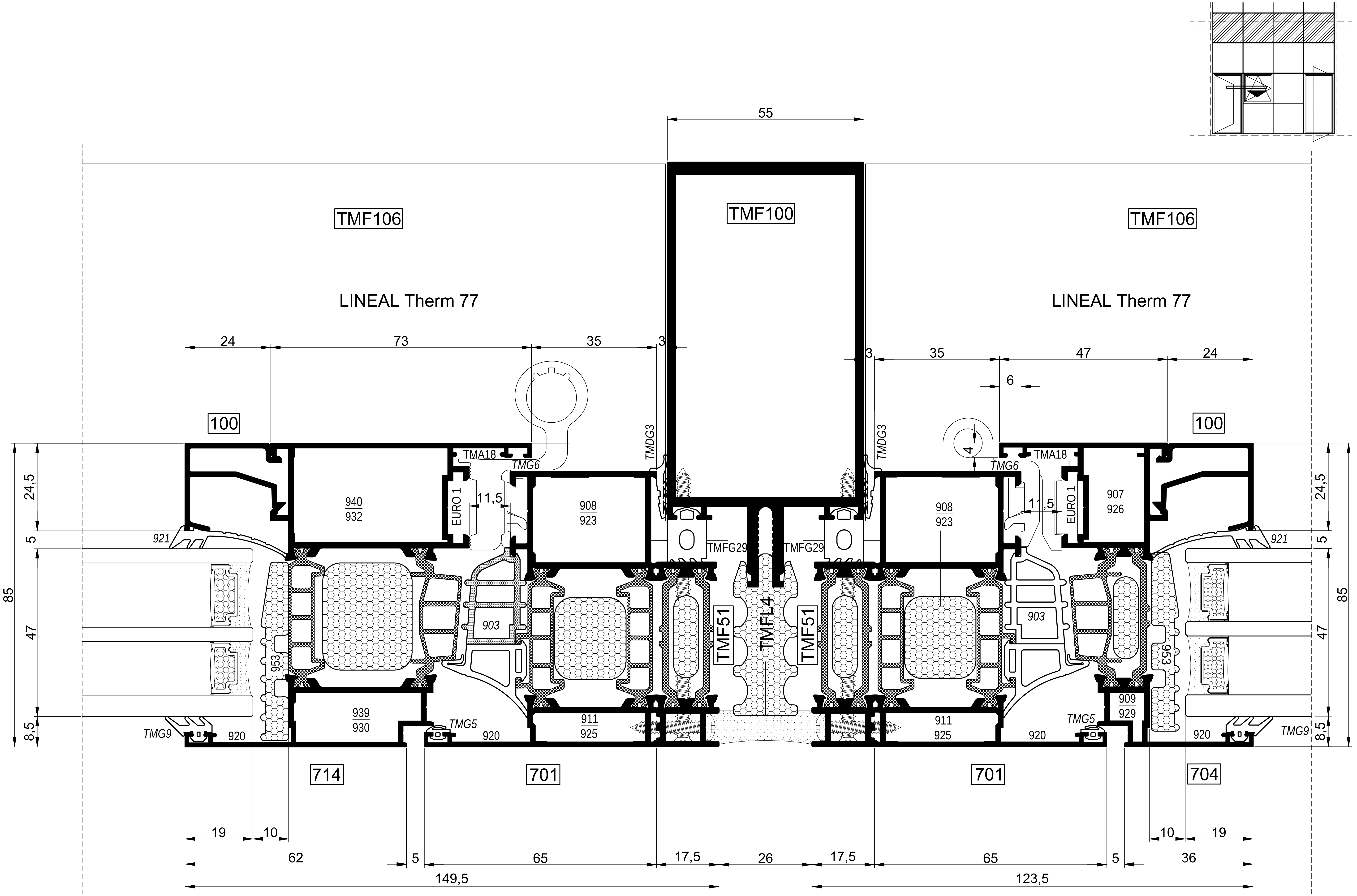
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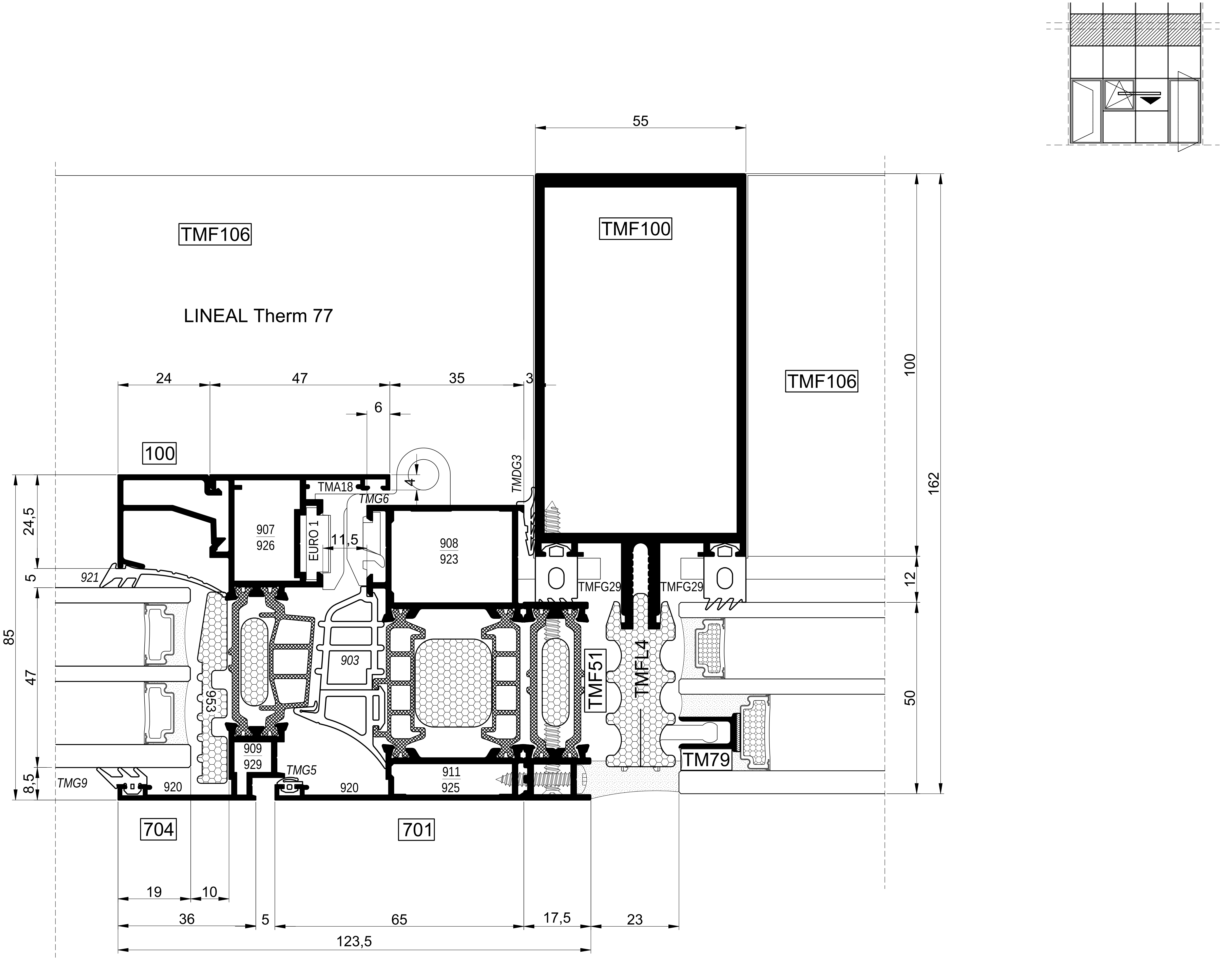

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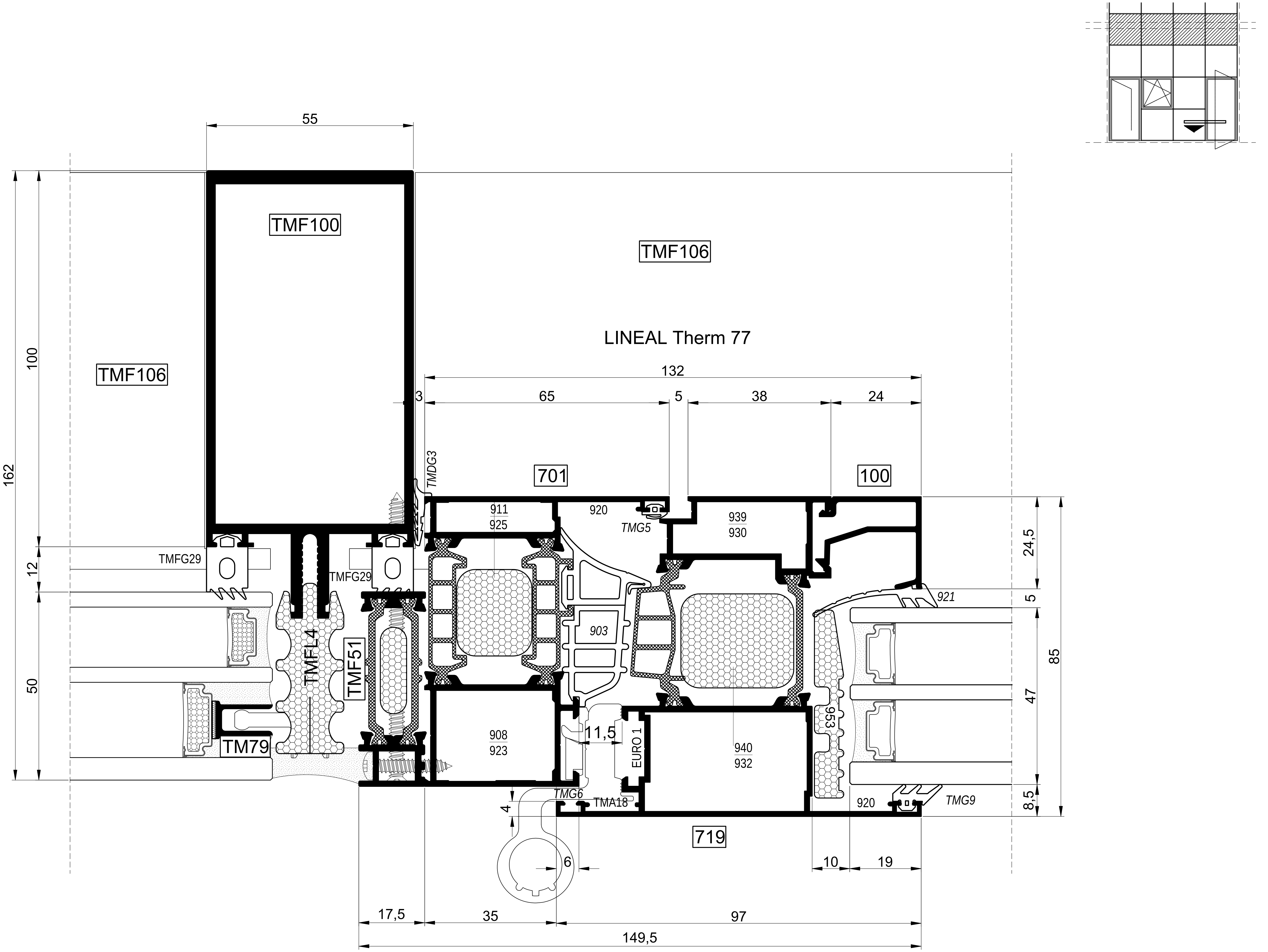
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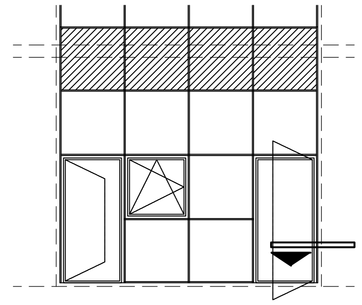

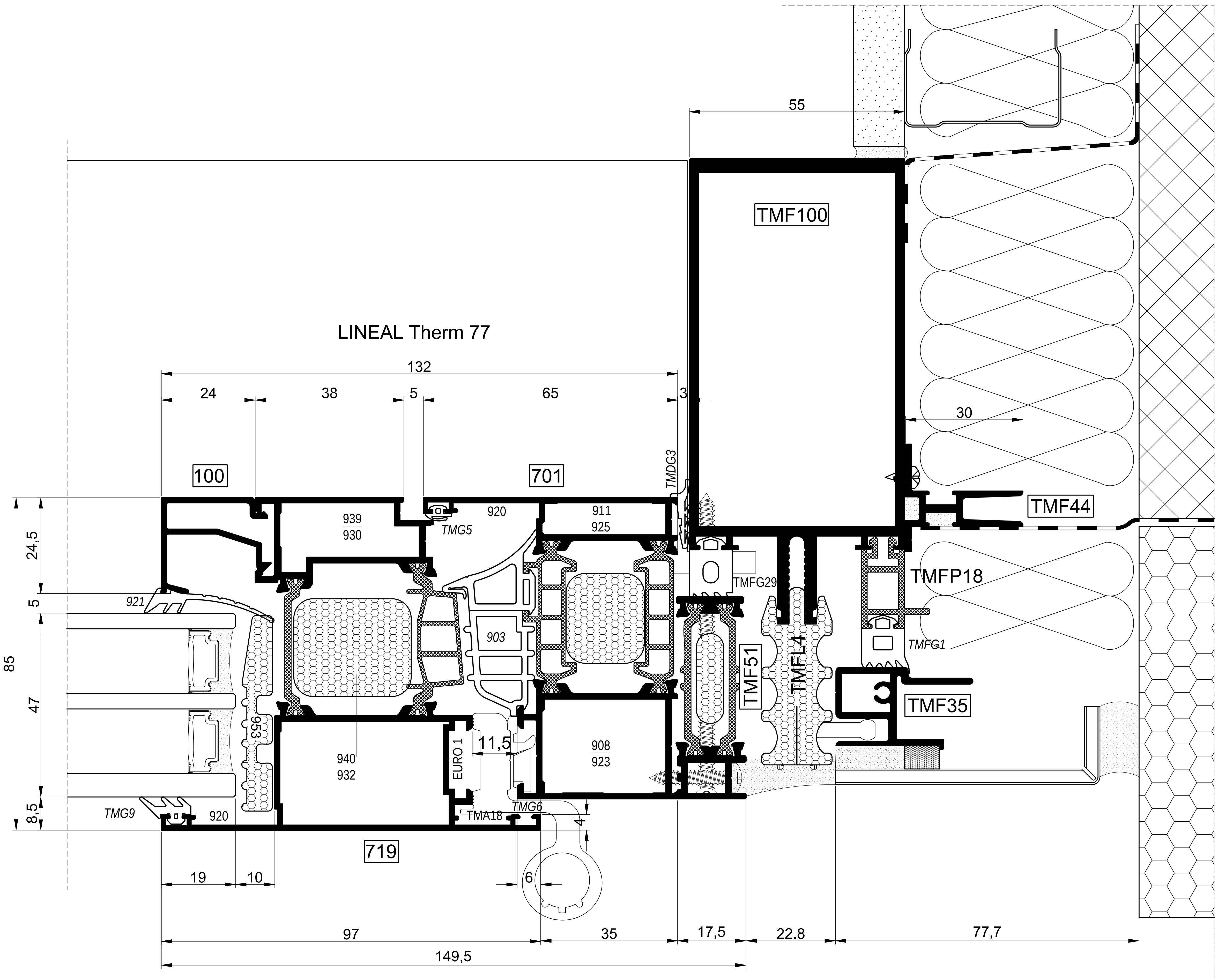
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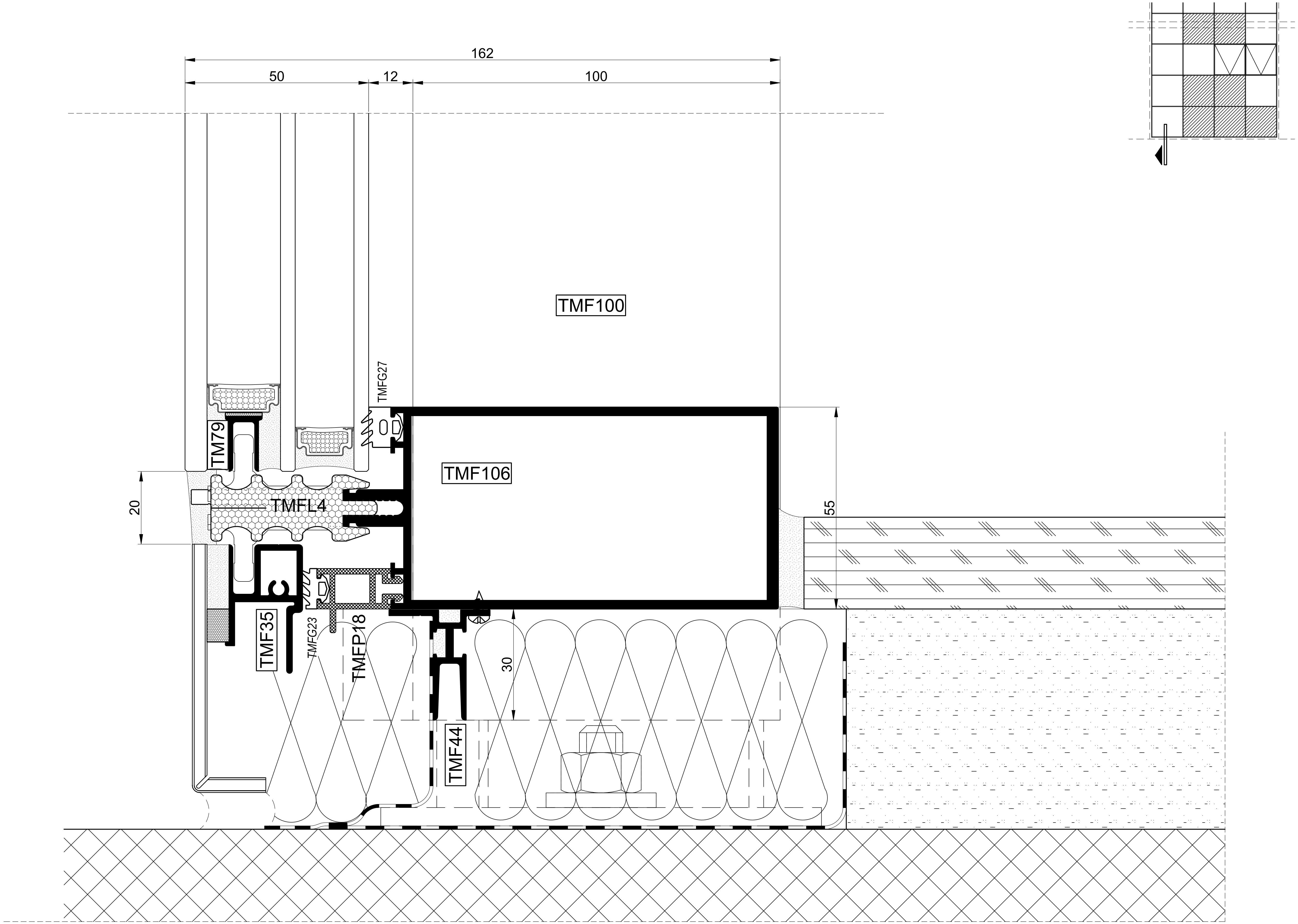
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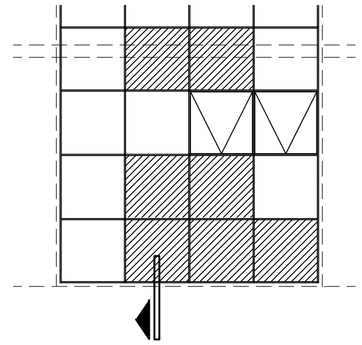

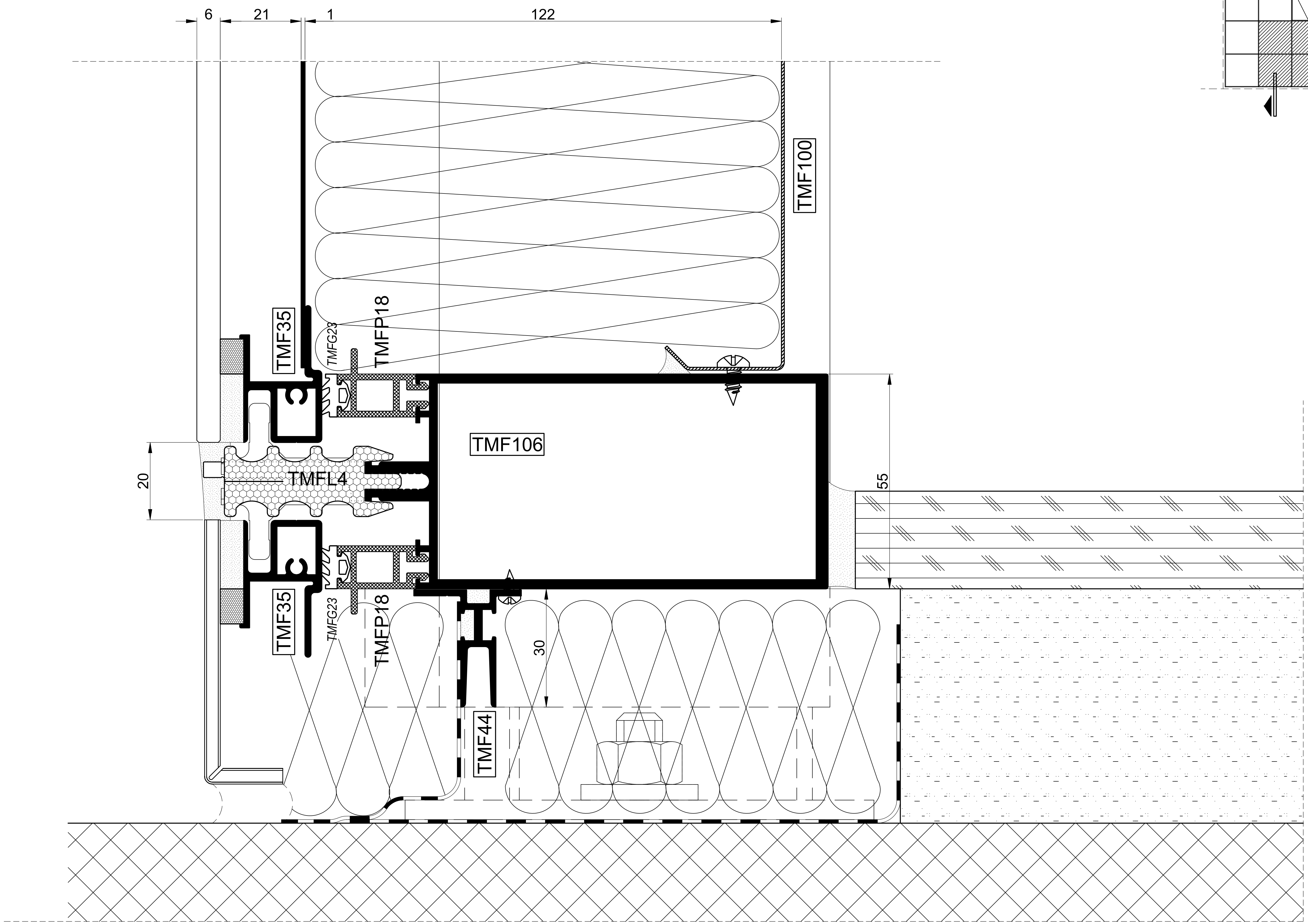
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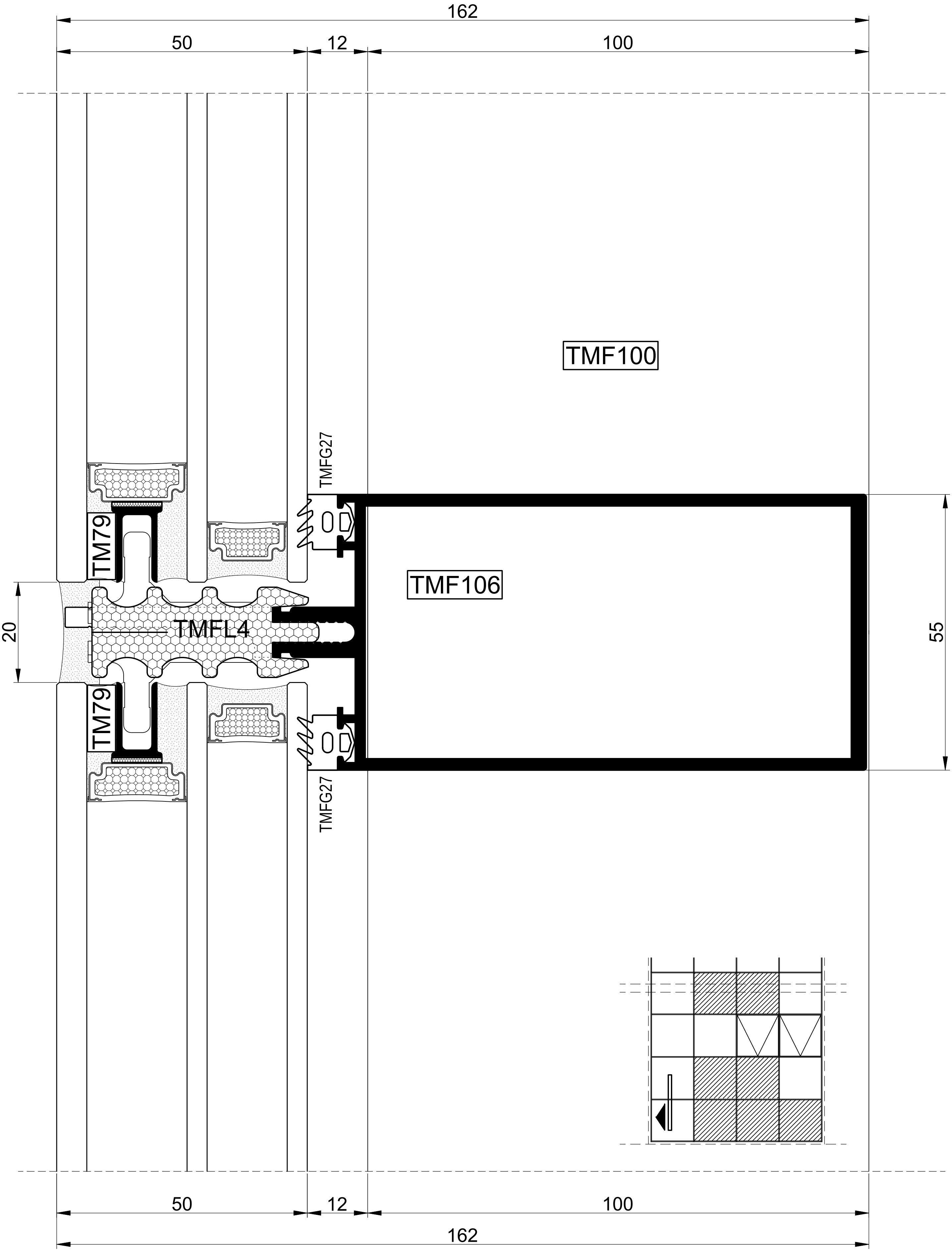
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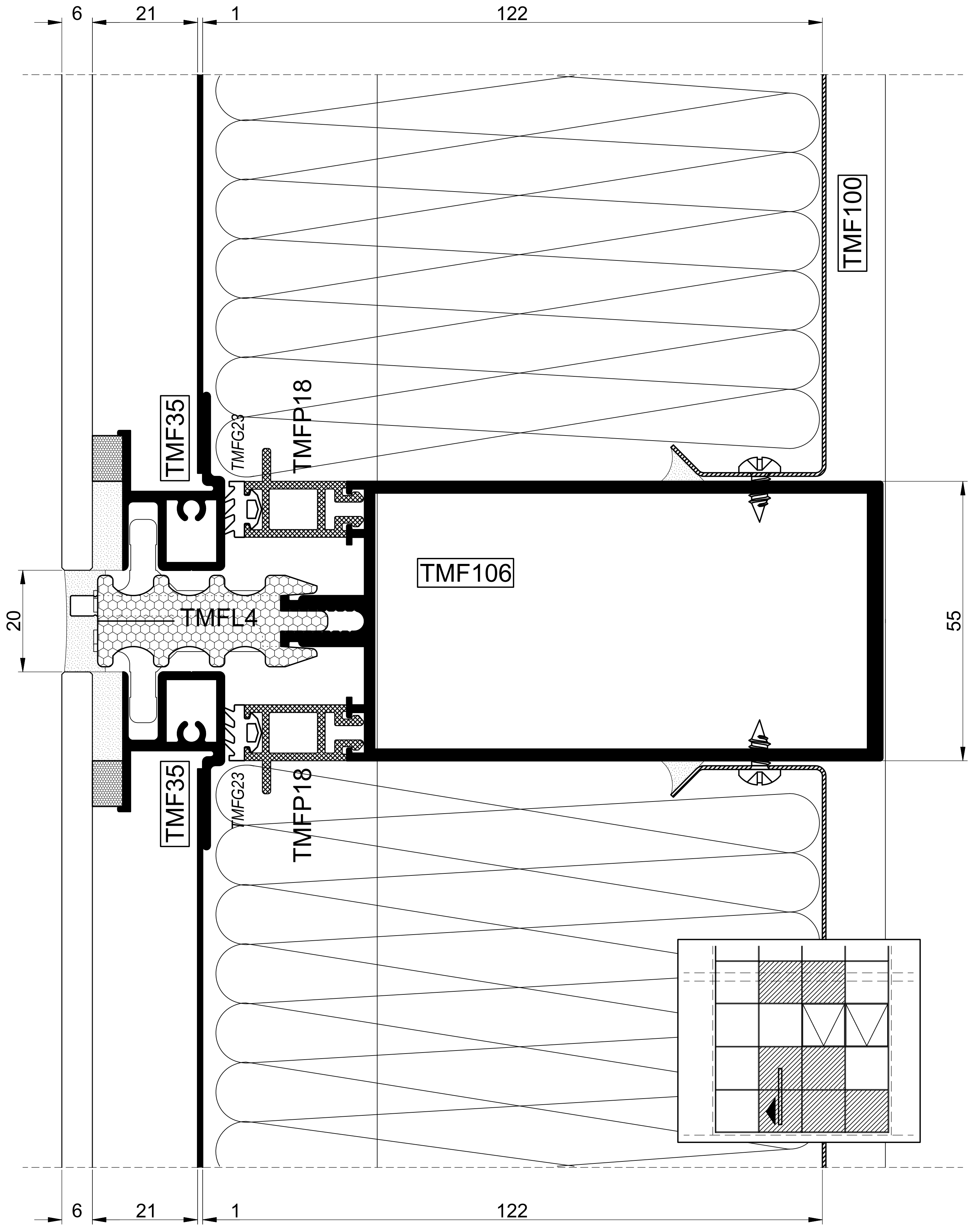
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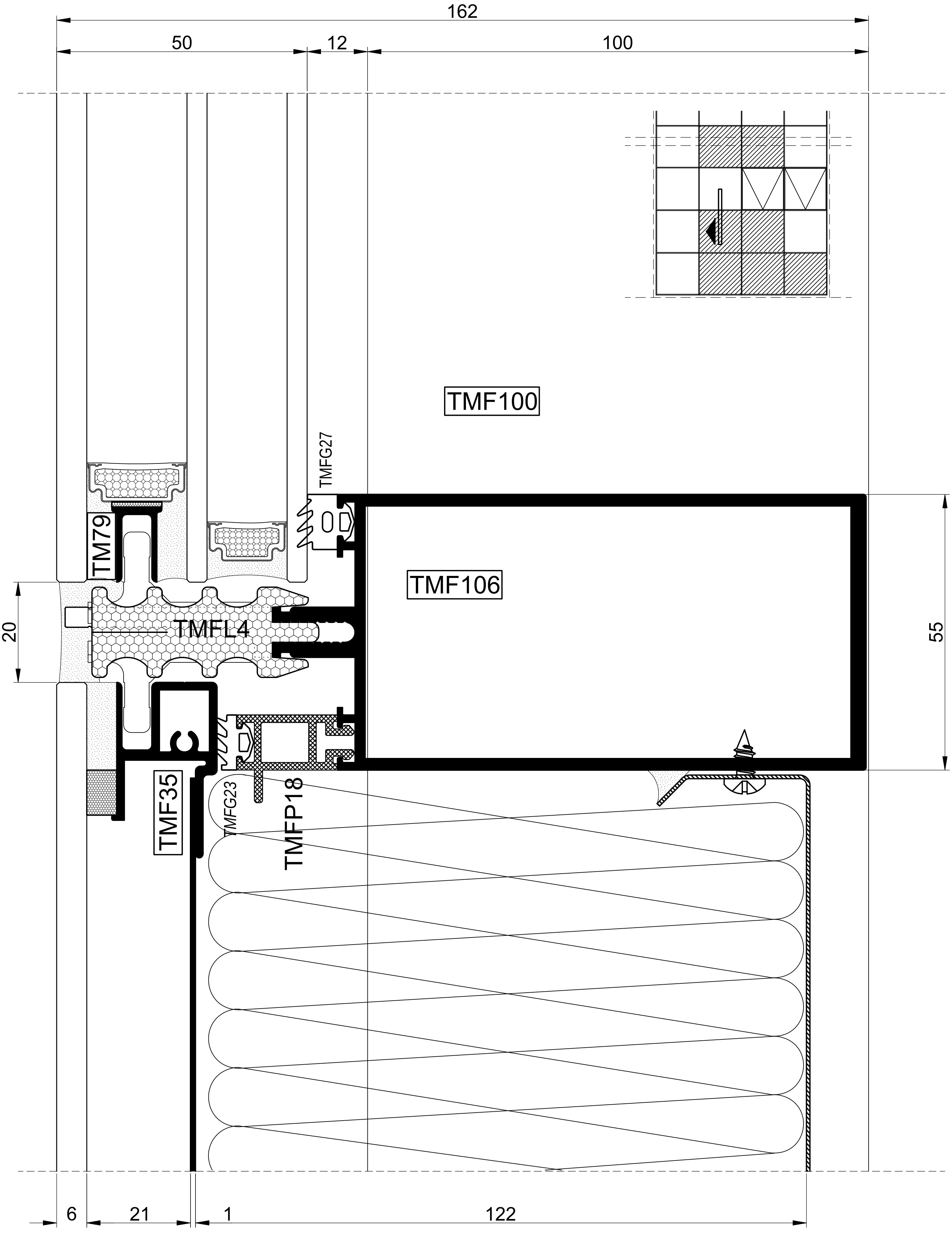
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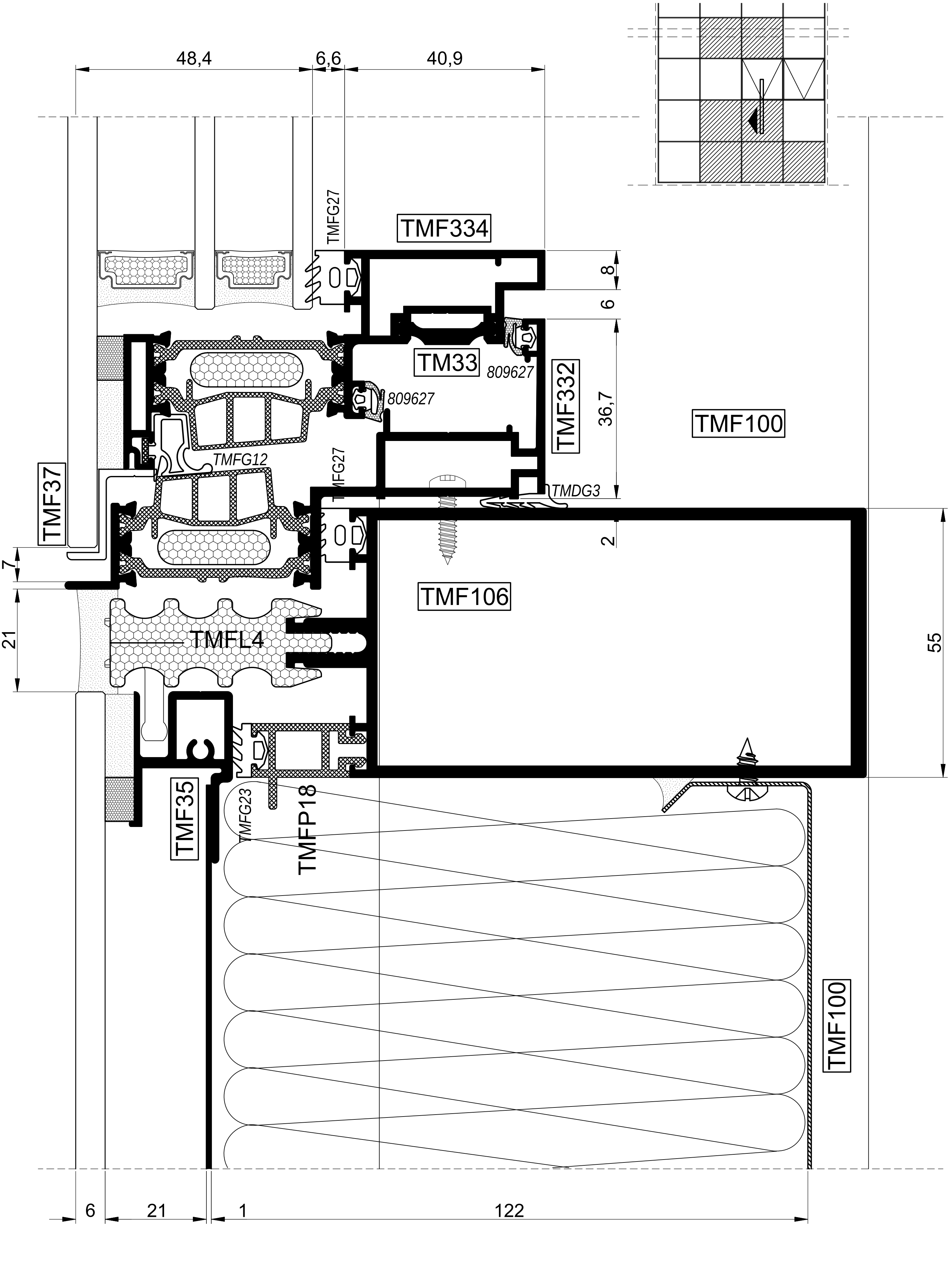
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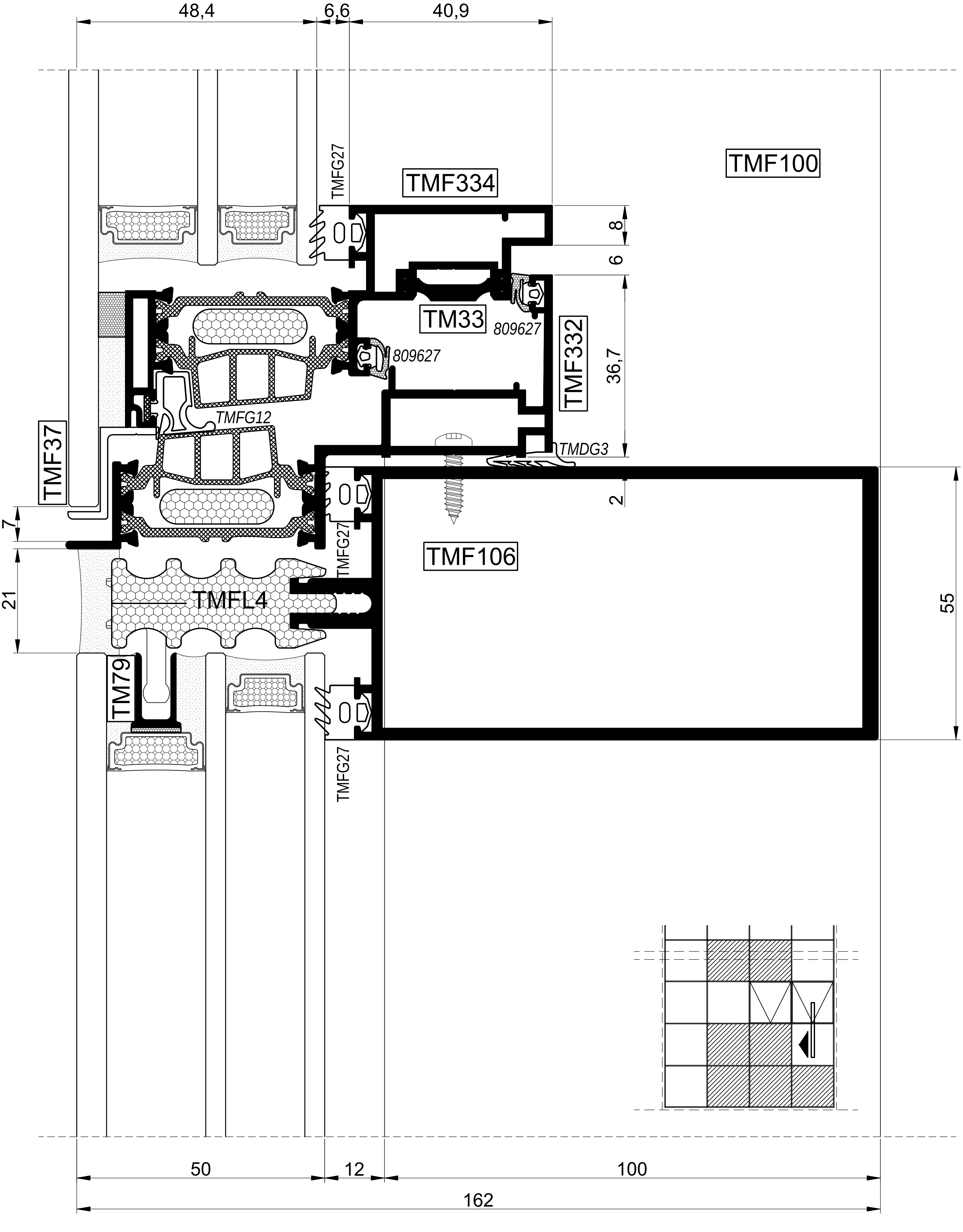
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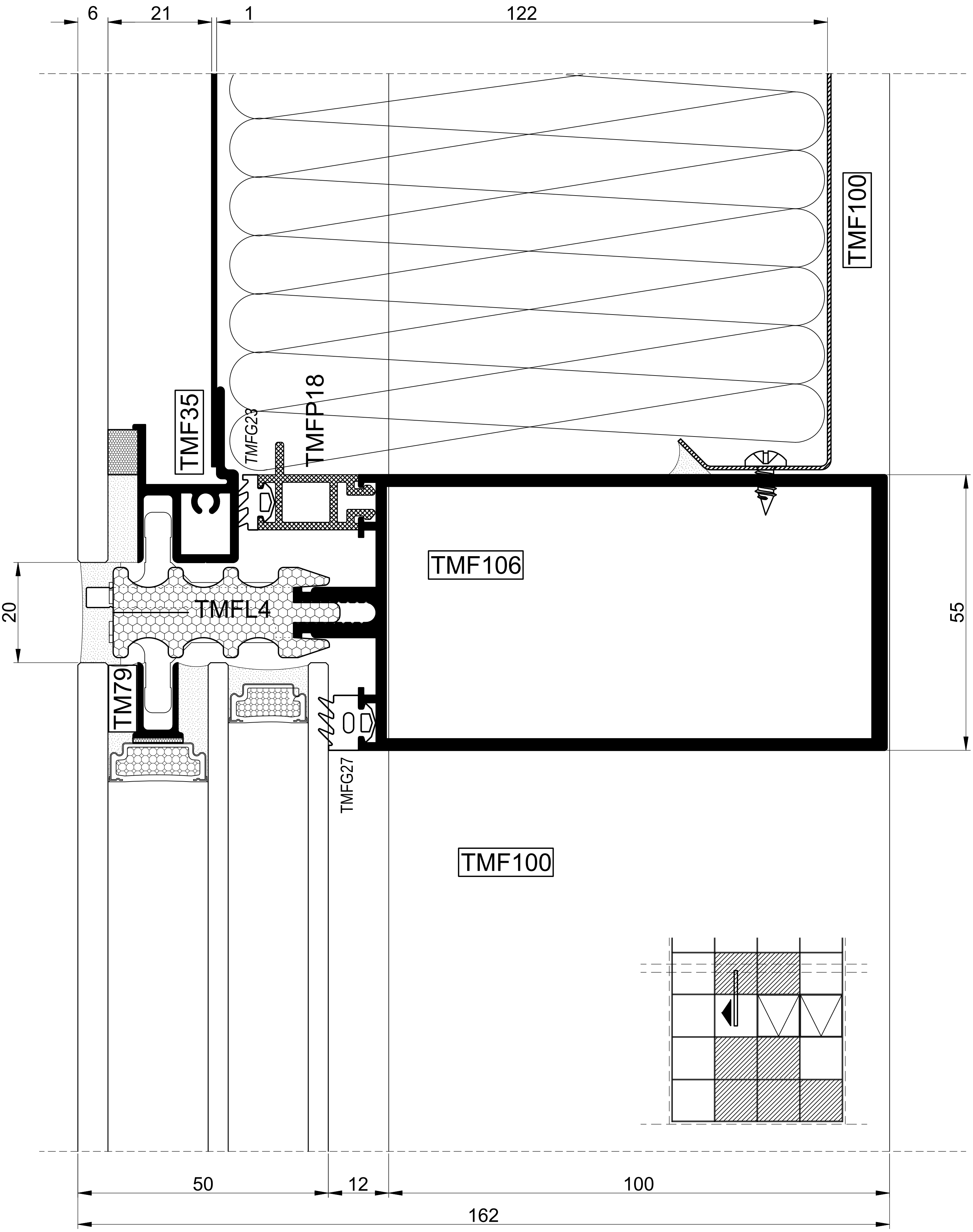
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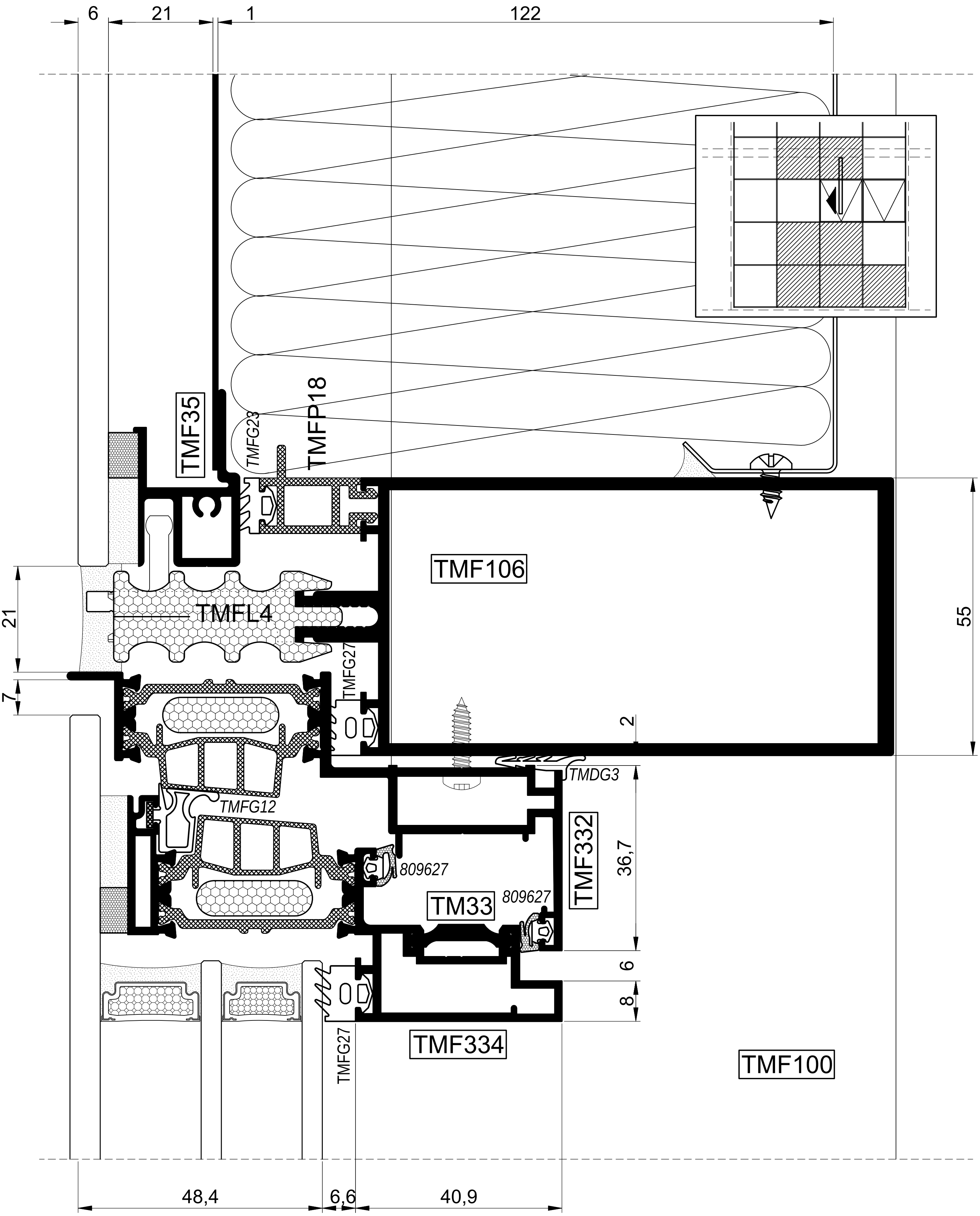
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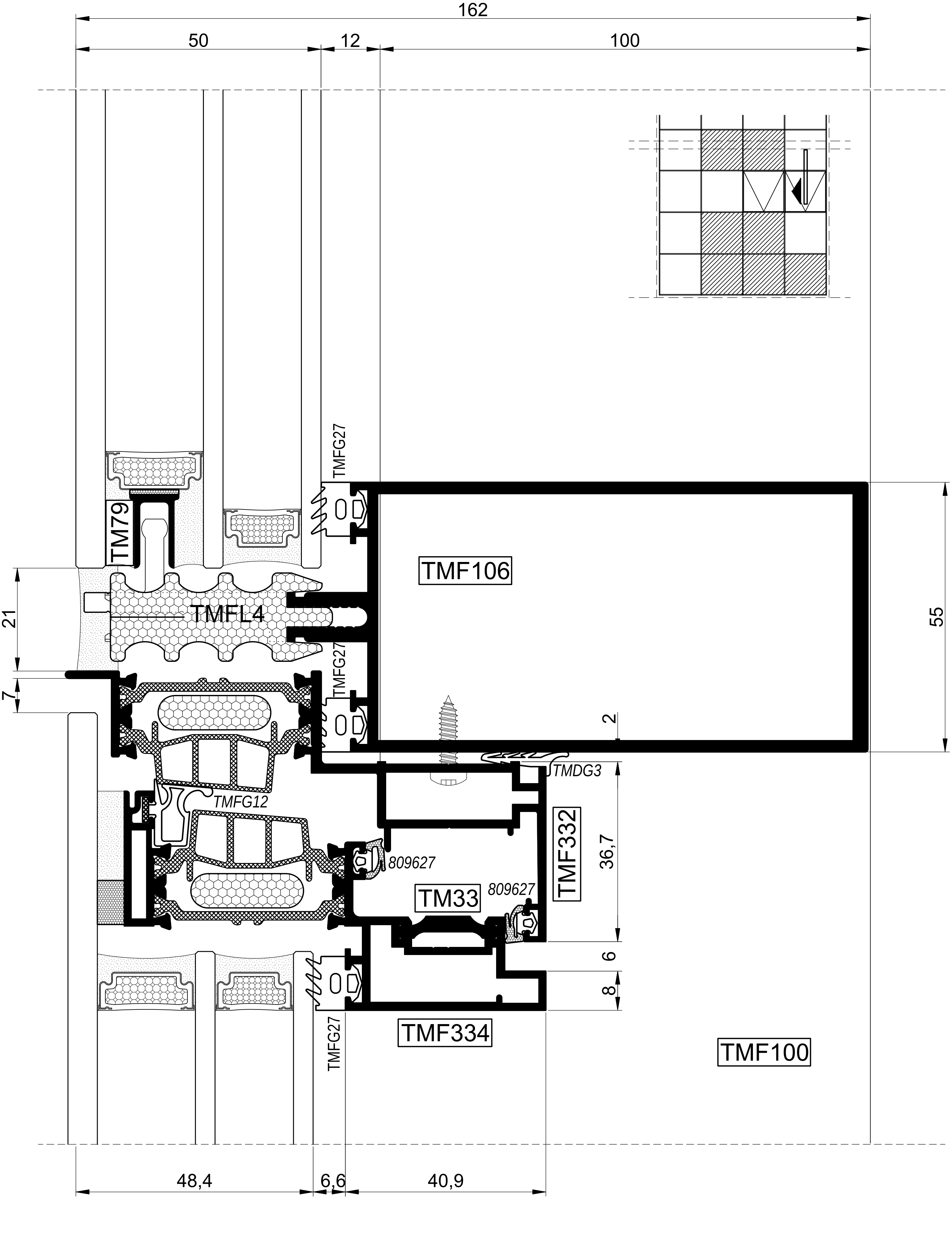
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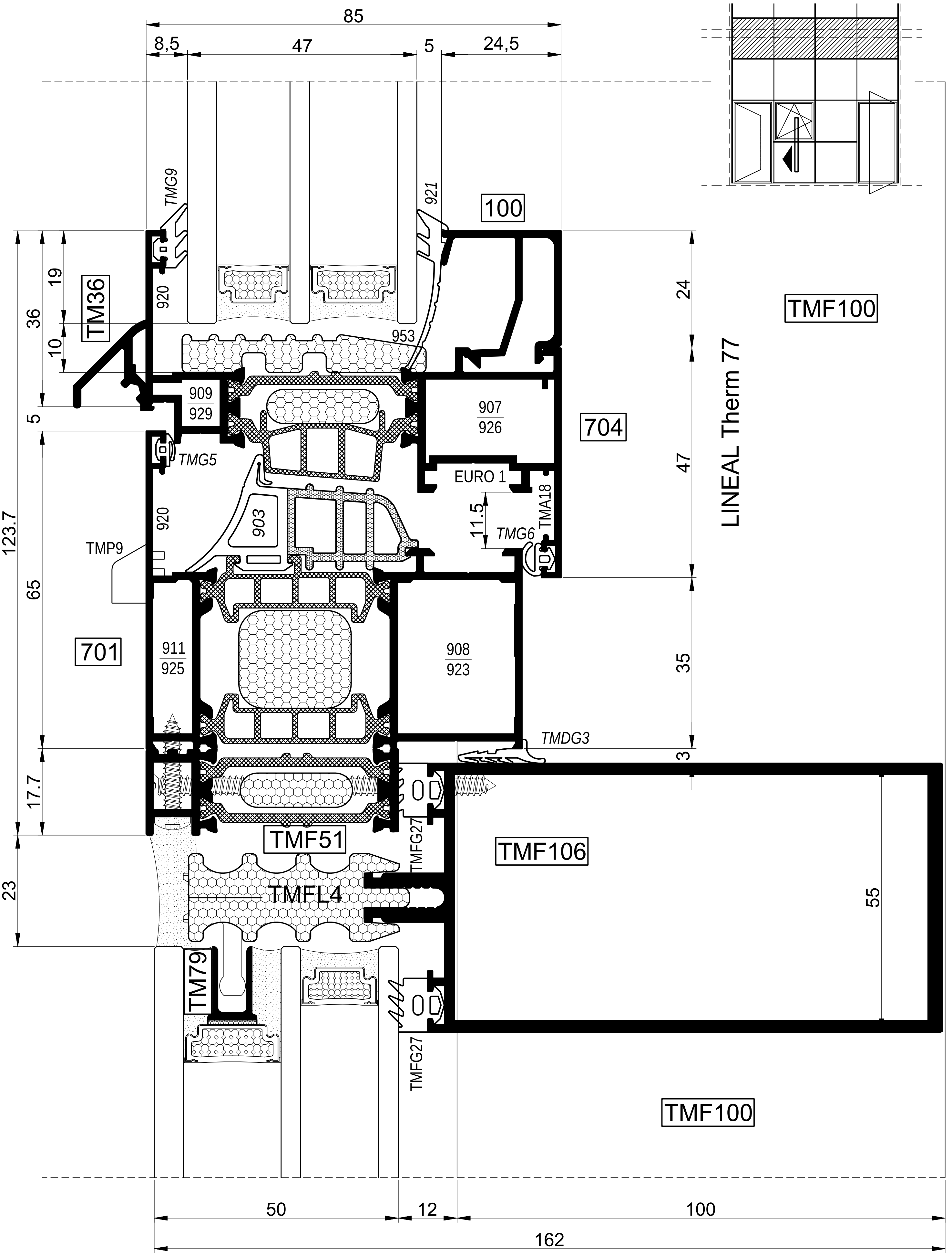
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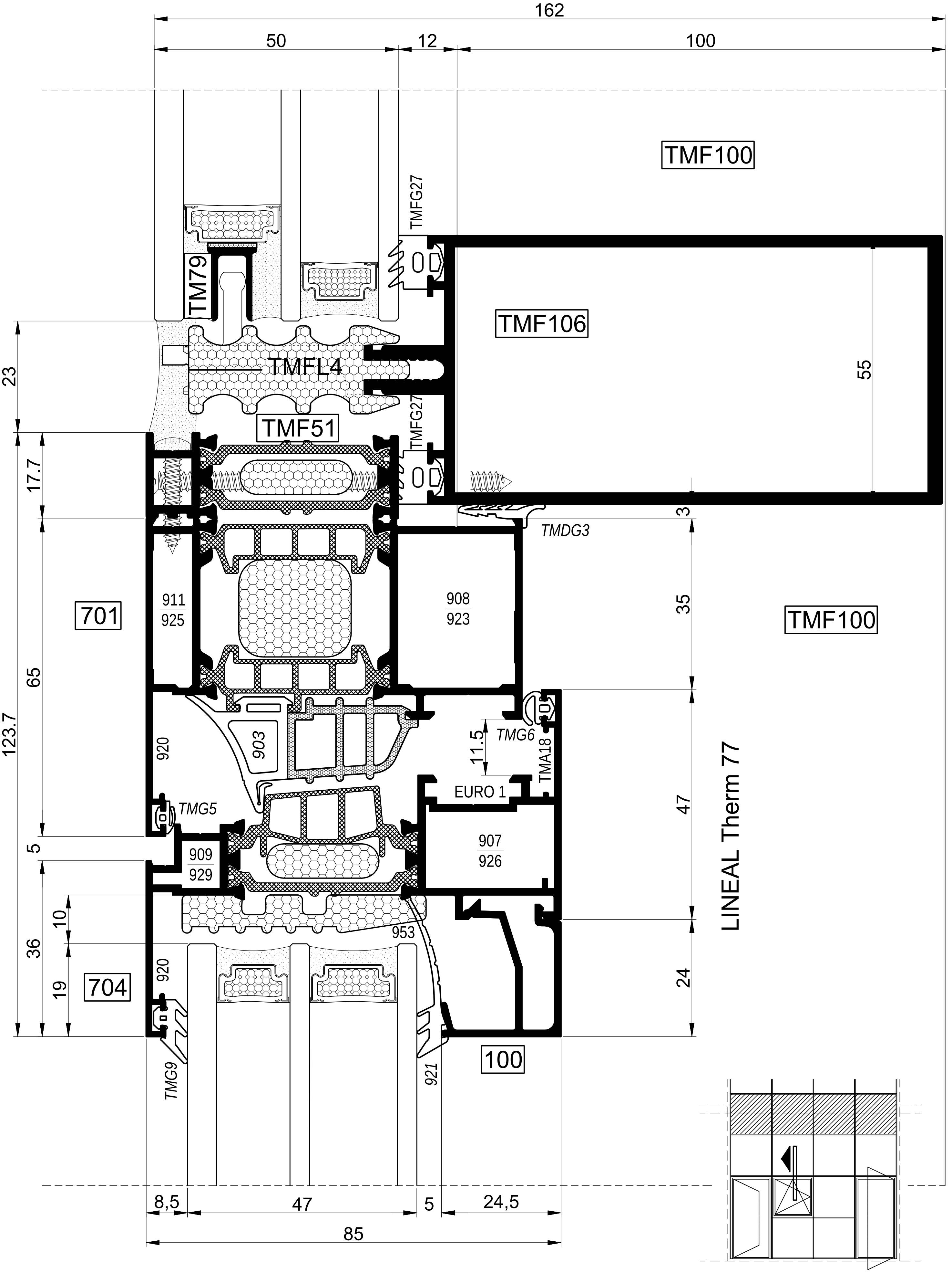
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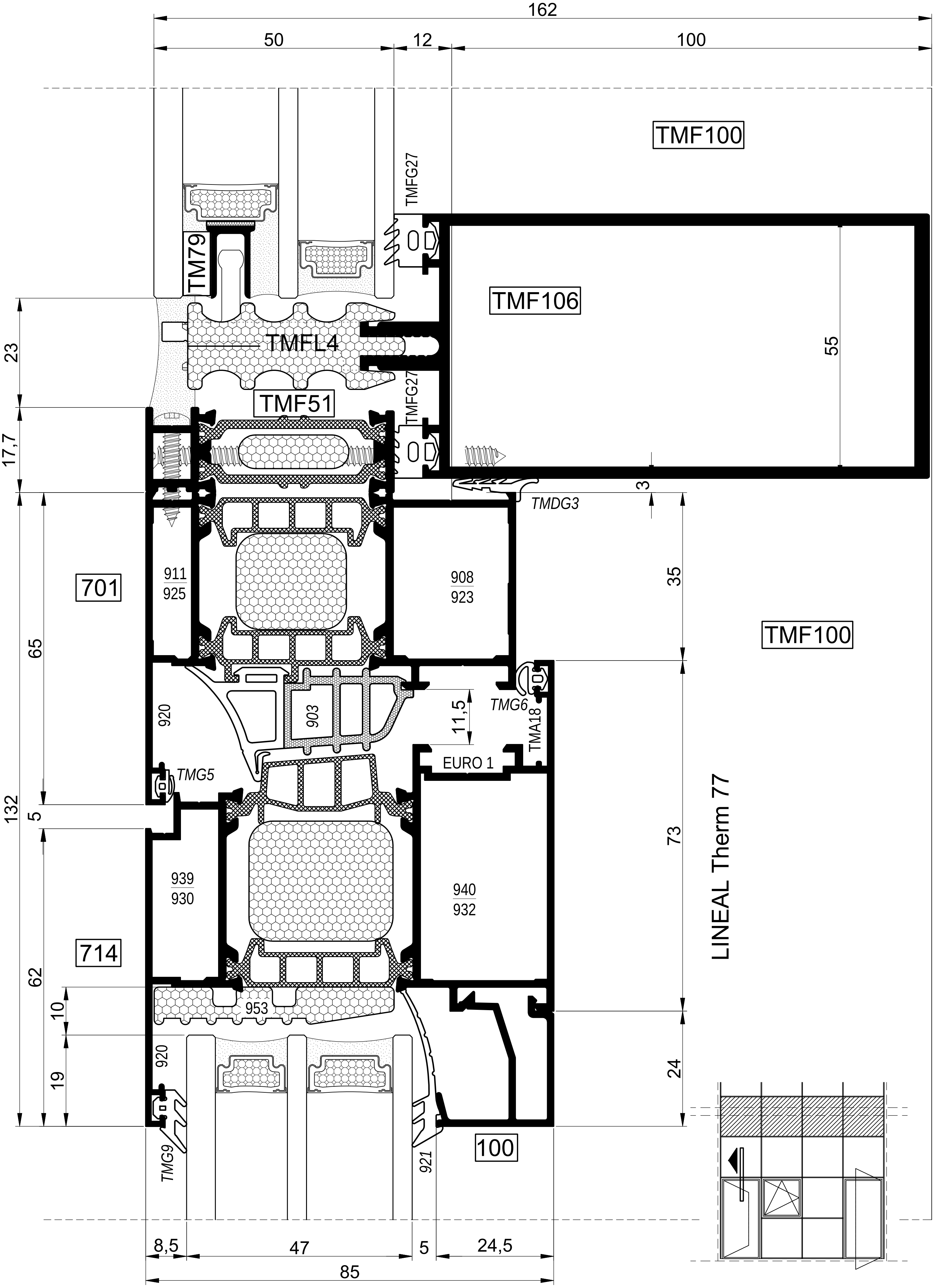
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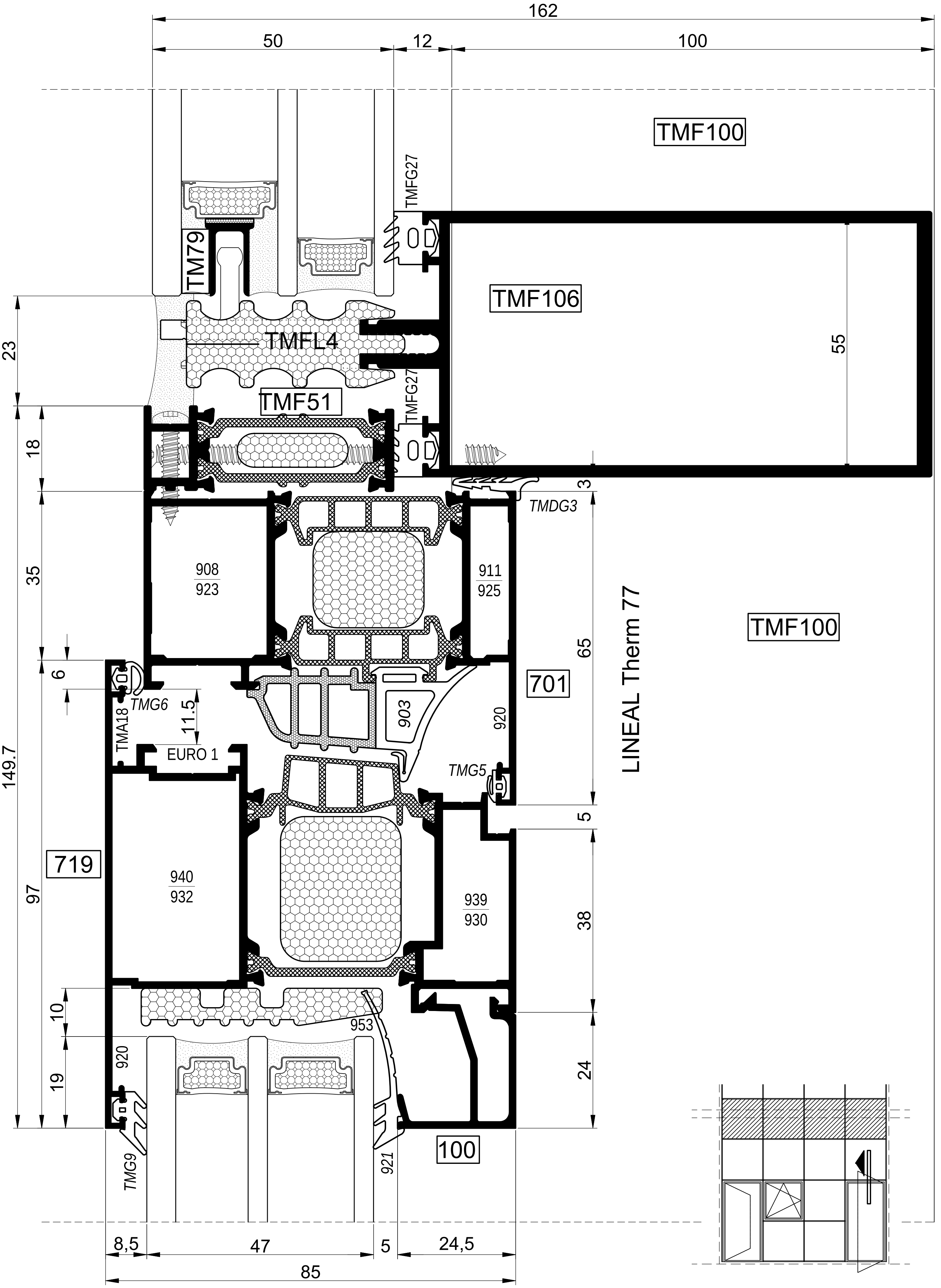
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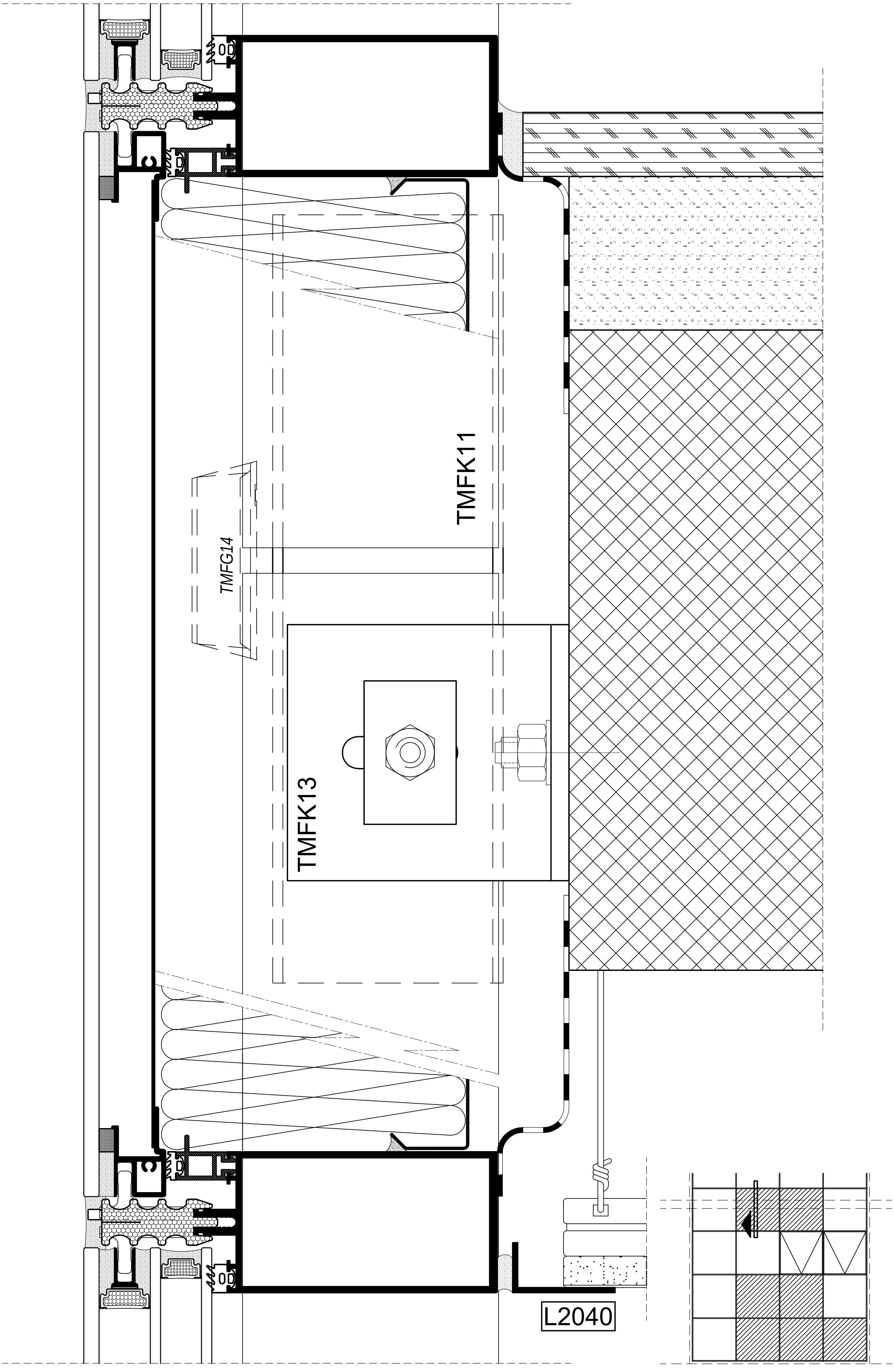
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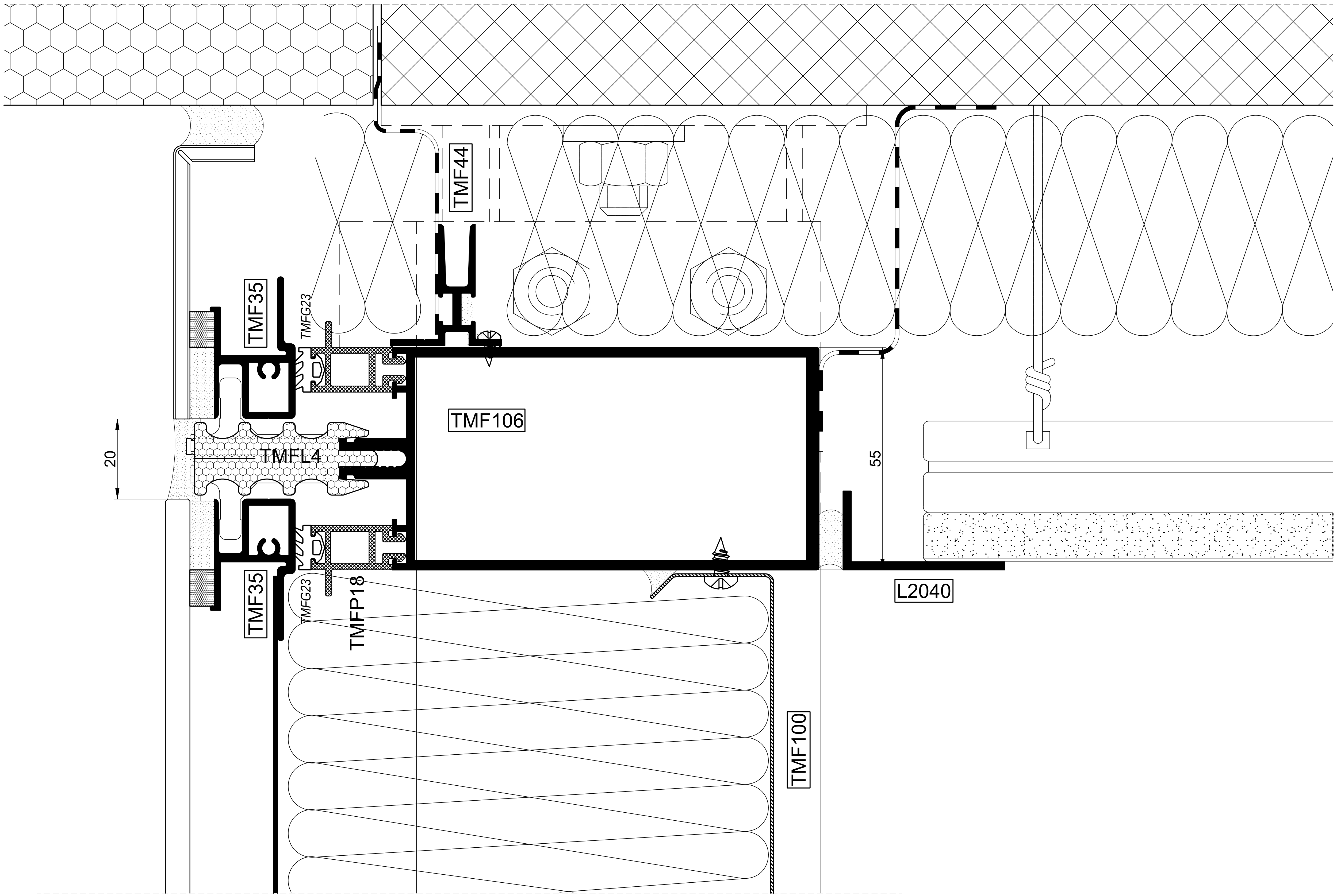
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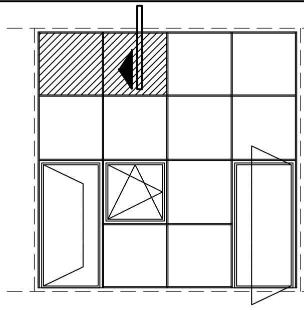

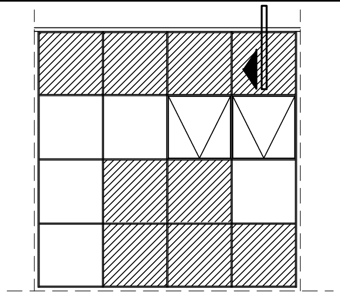

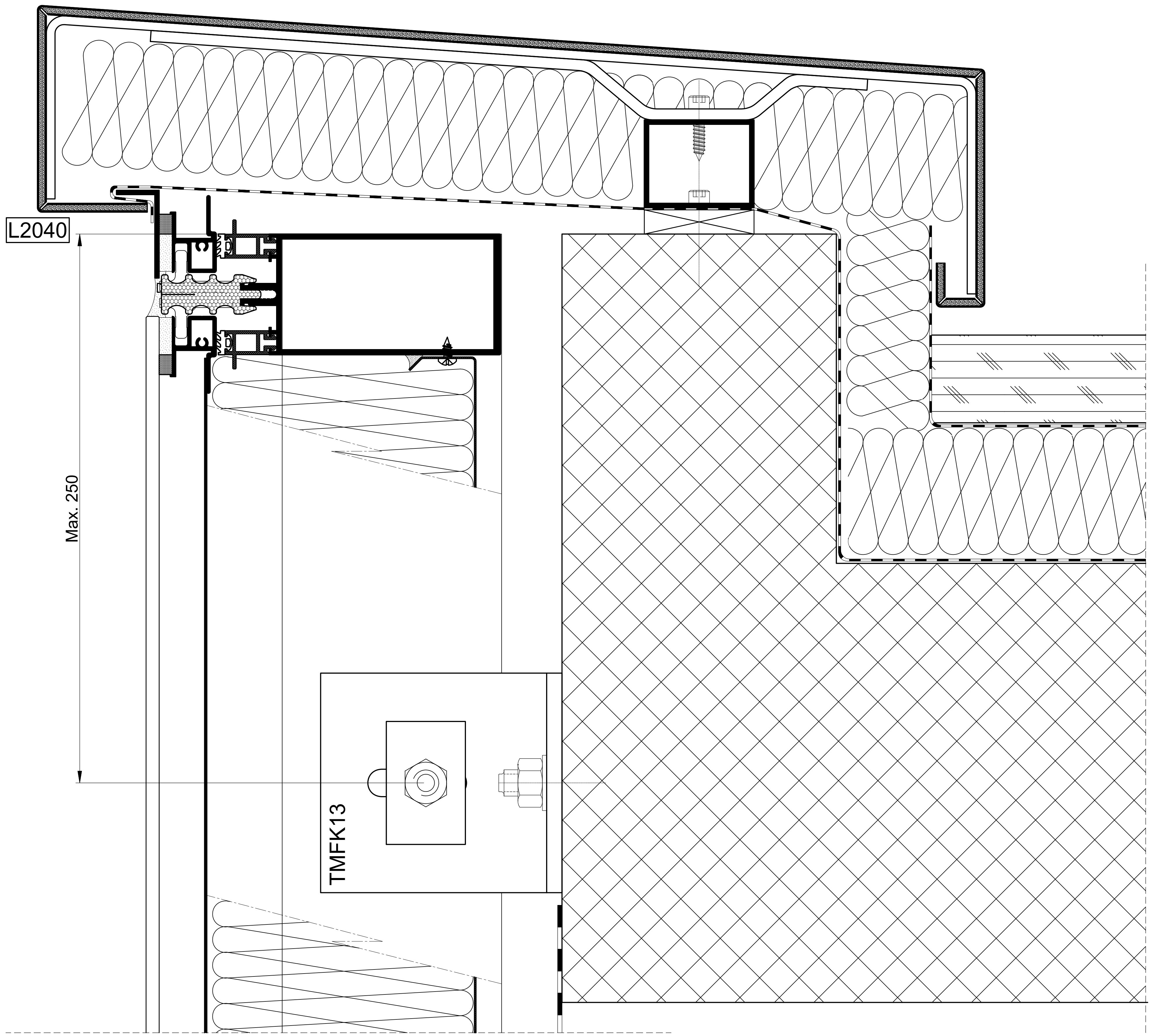
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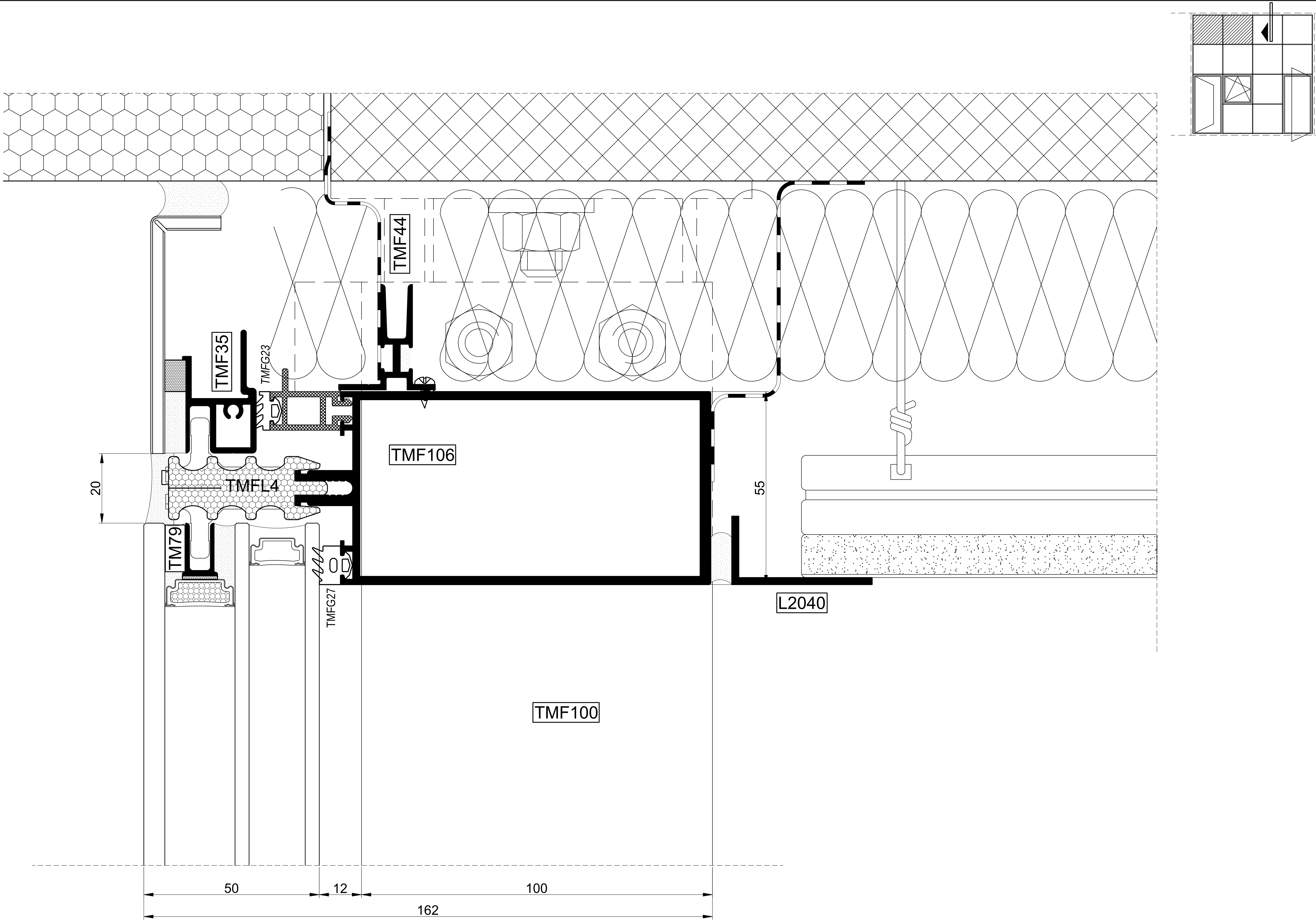
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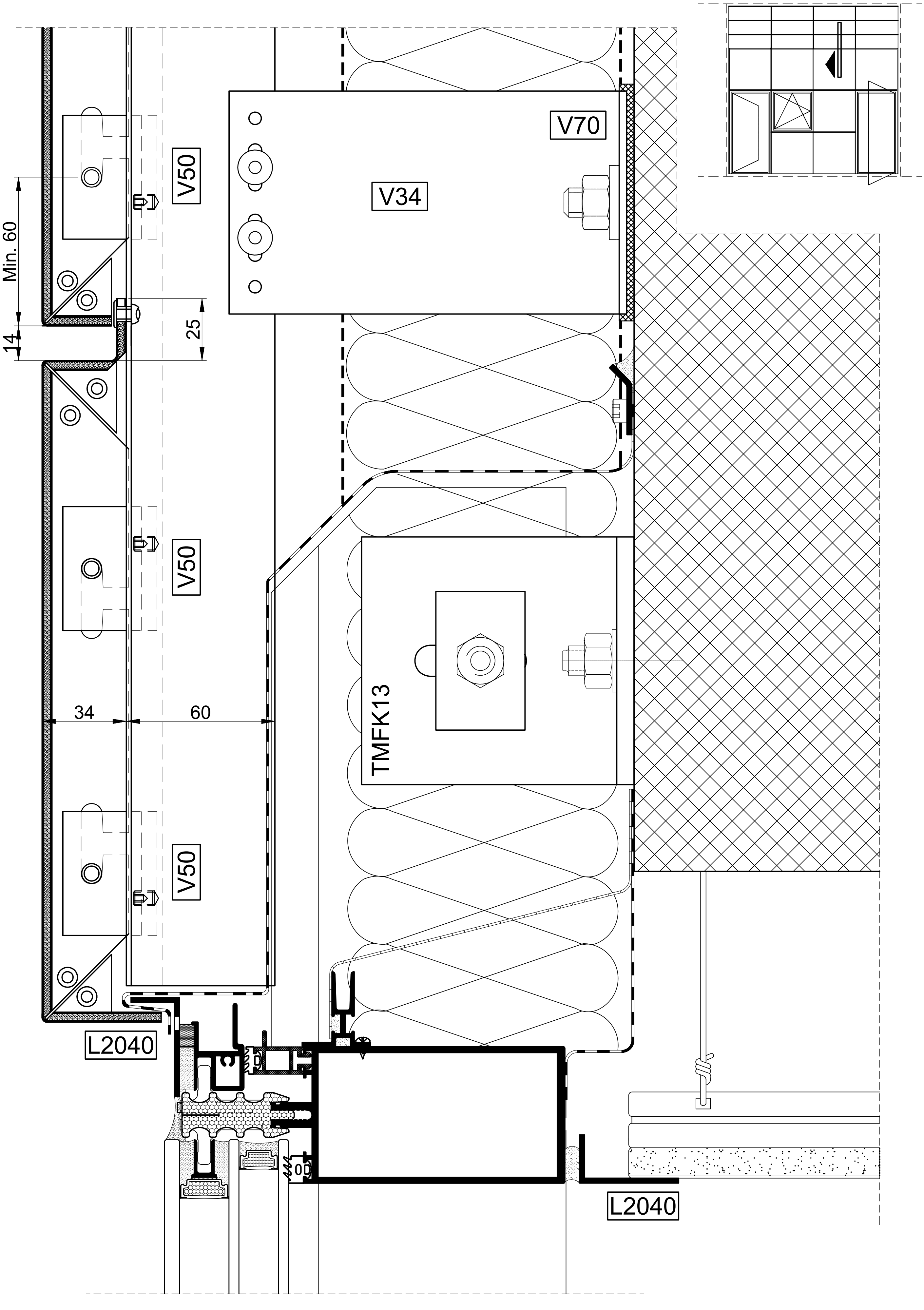
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L2040

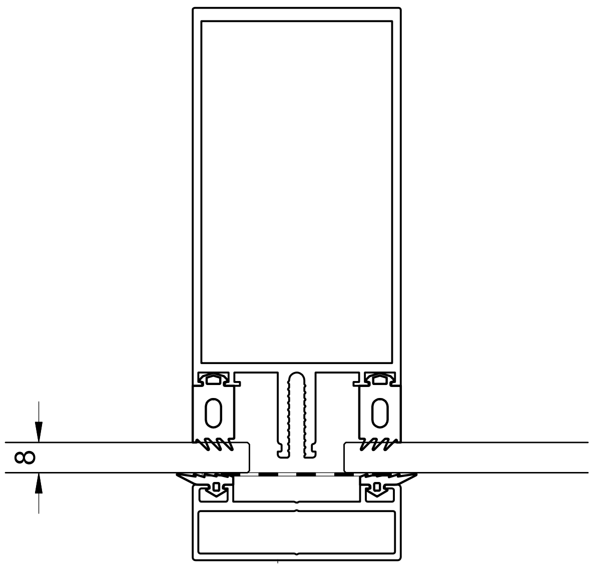
Sistem
System
Система

ALUMINIK CS55

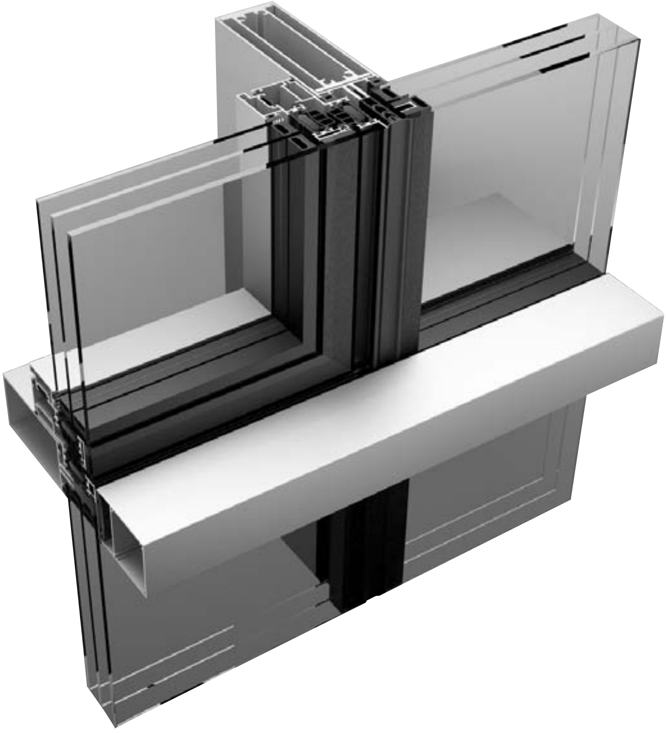
Kontinualna fasada
Continual facade
Непрерывный фасад

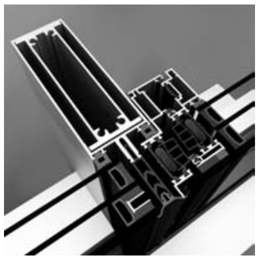
1

Jednoslojno ostakljenje
Single glazing
Одинарное остекление



Pokrivna kapa
Cover cap
Торцевая крышка





Tehnički opis sistema

Sistem kombinovane aluminijumske ostakljene fasade odlikuje se minimalističkim izgledom isključivo staklene vidne površine fasade, uz primenu horizontalnih spoljnih profila za fiksiranje ispuna. Stakleni paneli se pričvršćuju za noseću fasadnu vertikalnu i horizontalnu aluminijumsku konstrukciju potpuno skrivenim veznim elementima, dok se horizontalni spojevi dodatno naglašavajualumiijumskim podkapama i kapama. Fugne između stakala dodatno se ispunjavaju specijalnim strukturalnim silikonima u crnoj boji.

- Aluminijumski profili su proizvedeni postupkom ekstruzije u pogonima Tehnomarket-a. Sirovina za proizvodnju profila je primarna legura aluminijuma sa oznakom AlMgSi0,5 (AA6063 i 6060) i zateznom čvrstoćom profila od minimalno 210KN/mm²
- Vidljiva širina profila iznosi 55mm, dok dubina može biti od 50 do 175mm u zavisnosti od statičkog proračuna
- Pažljiv odbir odgovarajućih materijala i efikasno konstruisan sistem omogućuju izuzetno dobre izolacione vrednosti koje idu od Uf~0,613W/m²K (u opciji troslojnog paketa stakla)
- Sistem omogućuje korišćenje dvoslojnih (32-41mm) i troslojnih (49-58mm) staklenih paketa i drugih odgovarajućih materijala
- Sistem poseduje namenske alumijumske profile za povećanje momenta inercije čime je moguće postići Ix > 1100 cm4 za premošćavanja i najvećih rastera, a bez uvođenja sekundarne čelične konstrukcije
- Otvarajući elementi su integrisana strukutralna krila sa otvaranjem oko gornje horizontalne osovine ili paralelno sa fasadnom ravni kako bi se izbeglo vidno pozicioniranje otvarajućih krila u odnosu na fiksna polja
- Sistem nudi mogućnost integrisanja klasičnih okretno nagibnih prozora, balkonskih ili ulaznih vrata, kao i automatskih klizna ili klizno-zaokretnih vrata
- Debljina termoizolacione ispune u zoni parapeta se kreće od 50mm pa do 175mm, dok se u opciji sa jednostrukom staklenom ispunom ne koristi dodatna izolacija
- Postoji više dizajnerskih opcija pokrivnih kapa radi postizanja jedinstvenih efekata u završnom izgledu objekata: pravougaone, ovalne, naglašene ili polustrukturalne vizure

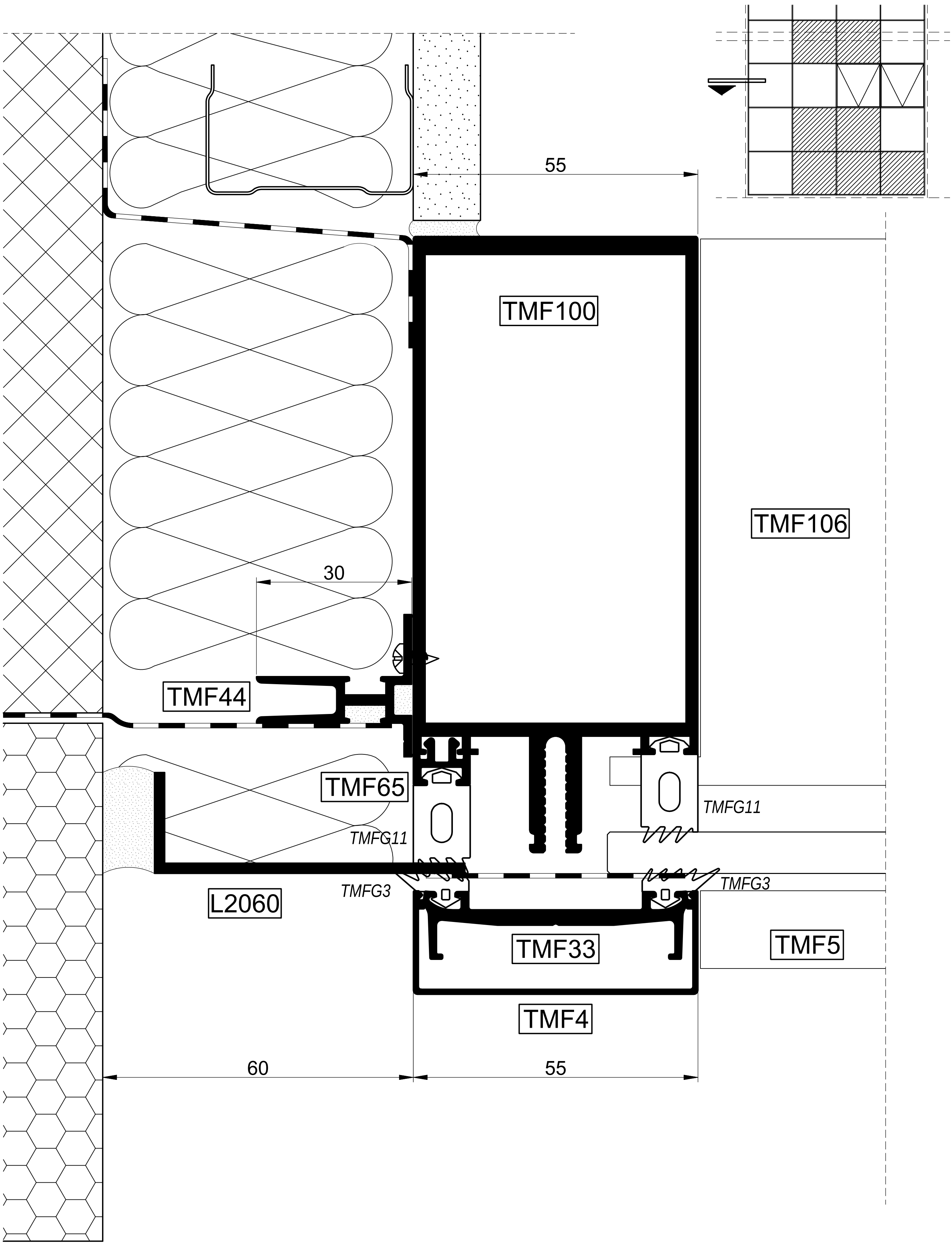
Combined facade is a part of ALUMINIK CS55 glass facade line of three distinctive systems. It features thermal break and visible profile width of 55mm. The combined facade features minimalistic design with no visible structure profiles but glass. Hidden brackets are used for attachment of panels to transom and mullion load barring aluminium substructure. Gaps between panels are then filled with special structural silicone in black color, while horizontals are emphasized with additional pressure plates and designer cover caps for unique appearance. All variations of ALUMINIK CS55 aluminium profile system group are suitable for curtain walls and glass roof skylights (minimal slope 10%)

- Aluminium profiles were manufactured in Tehnomarket's own extrusion factory. The raw material used is primary aluminium alloy AlMgSi0.5 (AA6063 and AA 6060) with minimum tensile strength of 210KN/mm².
- Visible profile width is 55mm, while installation depth varies from 50 do 175mm depending on depending on the required, calculated moment of inertia
- Careful selection of appropriate materials and efficiently constructed system brings exceptional insulation properties that go up to Uf~0,7 W/m²K (with triple glazing options)
- The system allows the usage of single(6-12mm), double (28-41mm) and triple (47-60mm) glass packages and other appropriate materials
- There are specially designed aluminium profiles that improve system's moment of inertia up to Ix > 1100 cm4 for installation of large facade units without usage of additional steel substructure
- Opening units of the facade are structural glazed sashes with two opening options: revolving around upper horizontal axis or parallel with facade plane in order to avoid visible differentiation between fixed and opening units
- The system supports integration of standard tilt&turn windows, balcony, entry and automated sliding or slide-revolving doors
- Spandrel panels are designed with single layer ventilated panel and additional profiles for different options of thermal insulation (supported thickness from 50mm to 175mm)
- There are numerous shapes and designs of cover caps available: rectangular, oval, aero and other shapes that allow for different visual appearance of the facade

Техническое описание системы

Система комбинированного фасада из алюминиевого остекления имеет минималистский внешний вид эксклюзивной поверхности стеклянного фасада с применением горизонтальных внешних профилей для фиксации заливки. Стеклянные панели прикреплены к фасаде вертикальной и горизонтальной алюминиевой конструкции с полностью скрытыми соединительными элементами,в то время как горизонтальные шарниры дополнительно акцентированы алюминиевыми подрамниками и колпачками. Швы между стеклами дополнительно заполняются специальными структурными силиконами черного цвета.

- Алюминиевые профили производятся методом экструзии на заводах Техномаркета. Сырьем для производства профиля является первичный алюминиевый сплав с маркировкой AlMgSi0.5 (AA6063 и 6060) и прочность на растяжение профиля минимум 210 KN /mm2
- Видимая ширина профиля составляет 55 мм, а глубина может быть от 50 до 175 мм в зависимости от статического бюджета
- Внимательный подбор подходящих материалов и эффективно разработанная система обеспечивают очень хорошие значения изоляции от Uf~0,7 W/m?K (в трехслойной упаковке стекла)
- Система позволяет использовать однослойную (6-12 мм), двухслойную (28-41 мм) и трехслойную (47-60 мм) стекляных упаковок и других подходящих материалов
- Система имеет выделенные алюминиевые профили для увеличения момента инерции, что позволяет достигать Ix> 1100 cm4 для моста и самого большого растра без введения вторичной стальной конструкции
- Открывающие элементы представляют собой интегрированные конструктивные крылья с отверстием вокруг верхнего горизонтального вала или параллельно с уровнем фасады, чтобы избежать расположения открывающих крыльев по отношению к фиксированным полям
- Система предлагает возможность интеграции классических поворотных окон, балконных или входных дверей, а также автоматических раздвижных дверей
- Толщина теплоизоляции в зоне парапета колеблется от 50 mm до 175 mm, в то время как в варианте с одним заполнением стекла дополнительная изоляция не используется
- Существует несколько дизайнерских вариантовдля покрытия колпачков для достижения уникальных эффектов в конечном облике предметов: прямоугольное, овальное, усиленное или полуструктурное.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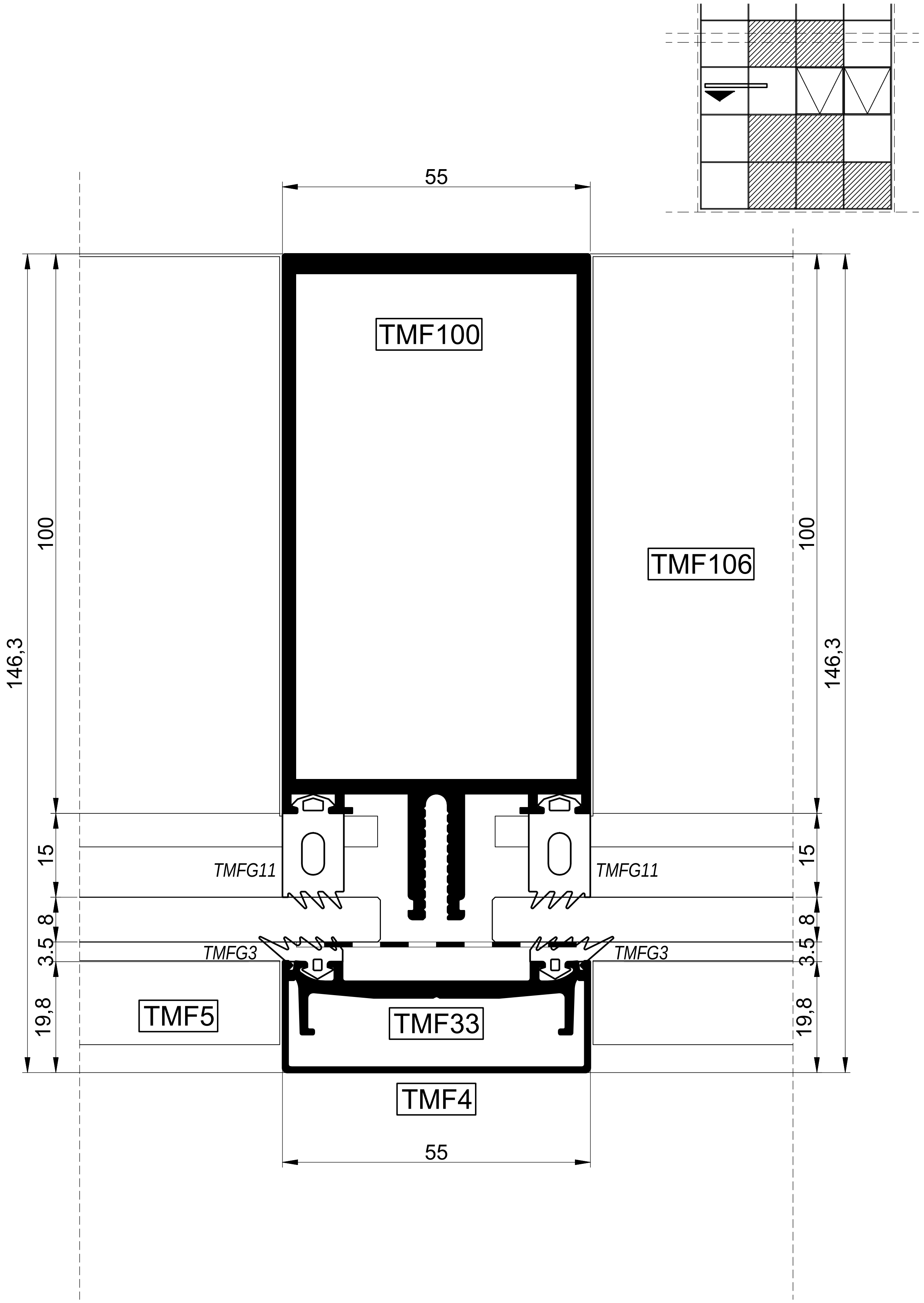
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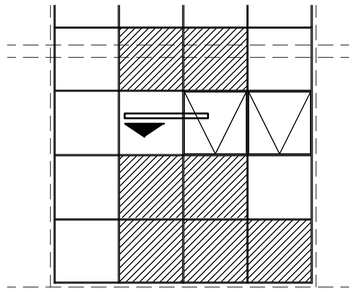

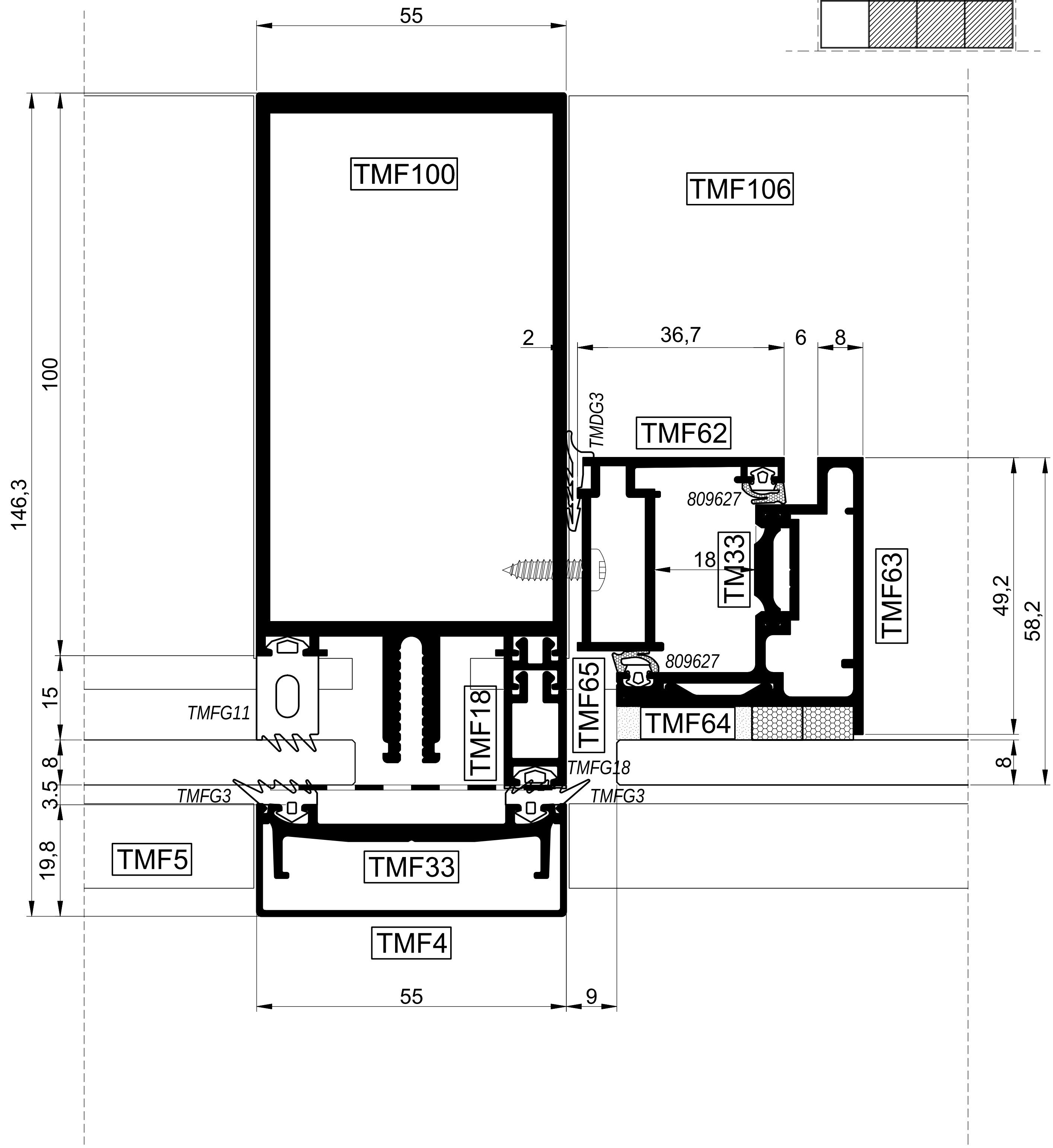

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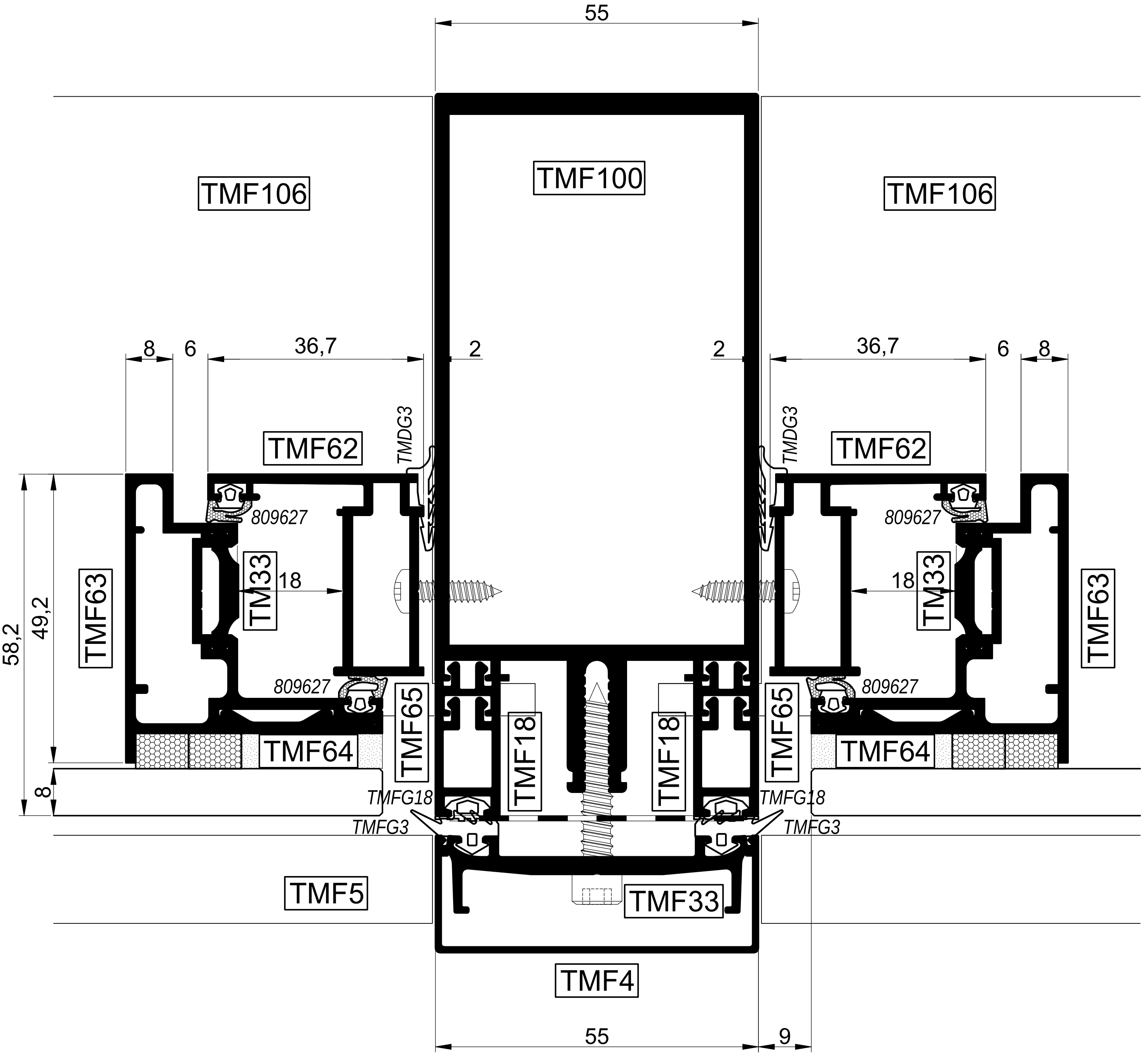
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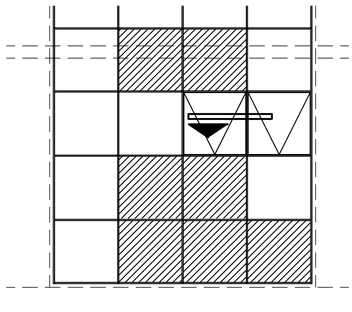

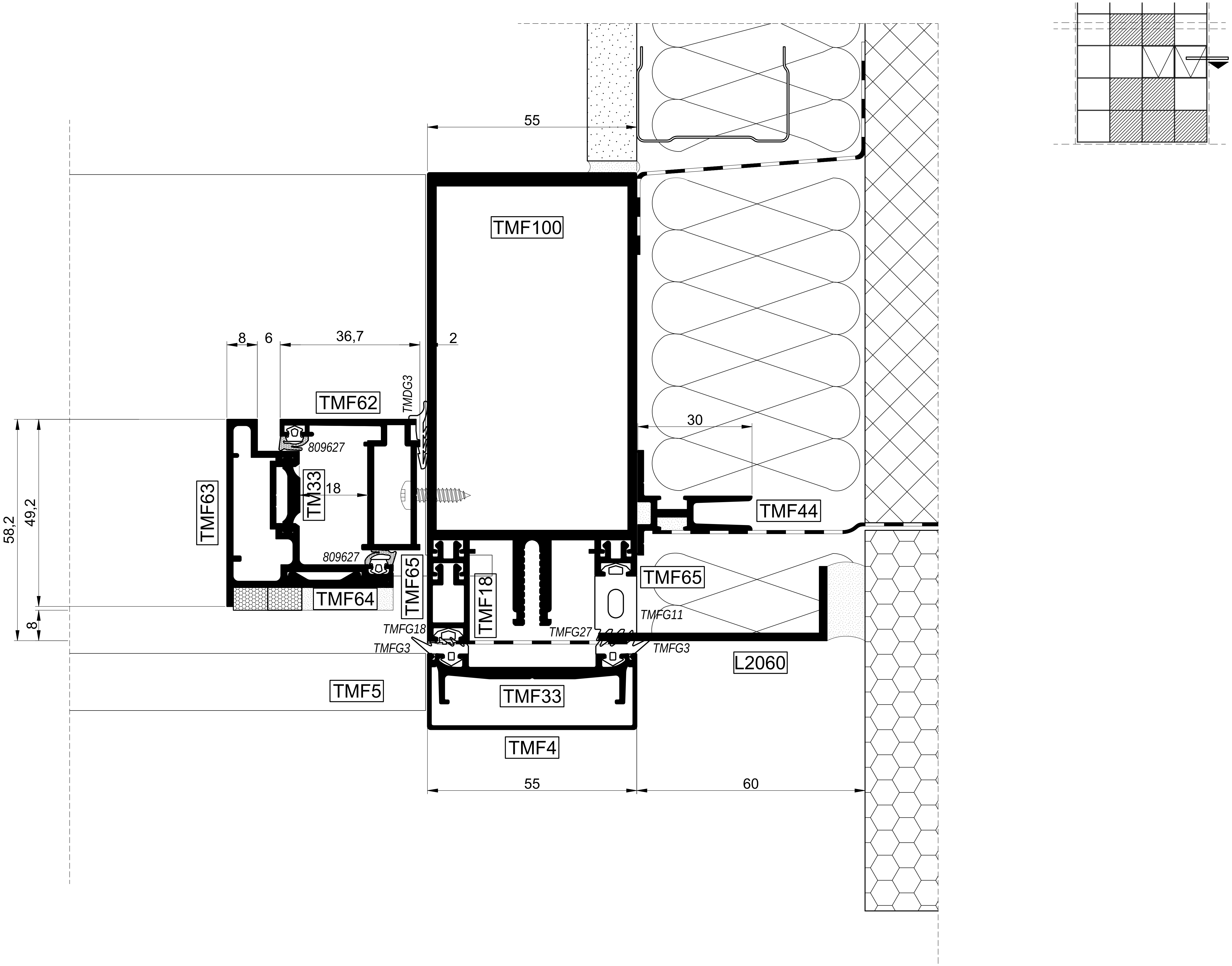
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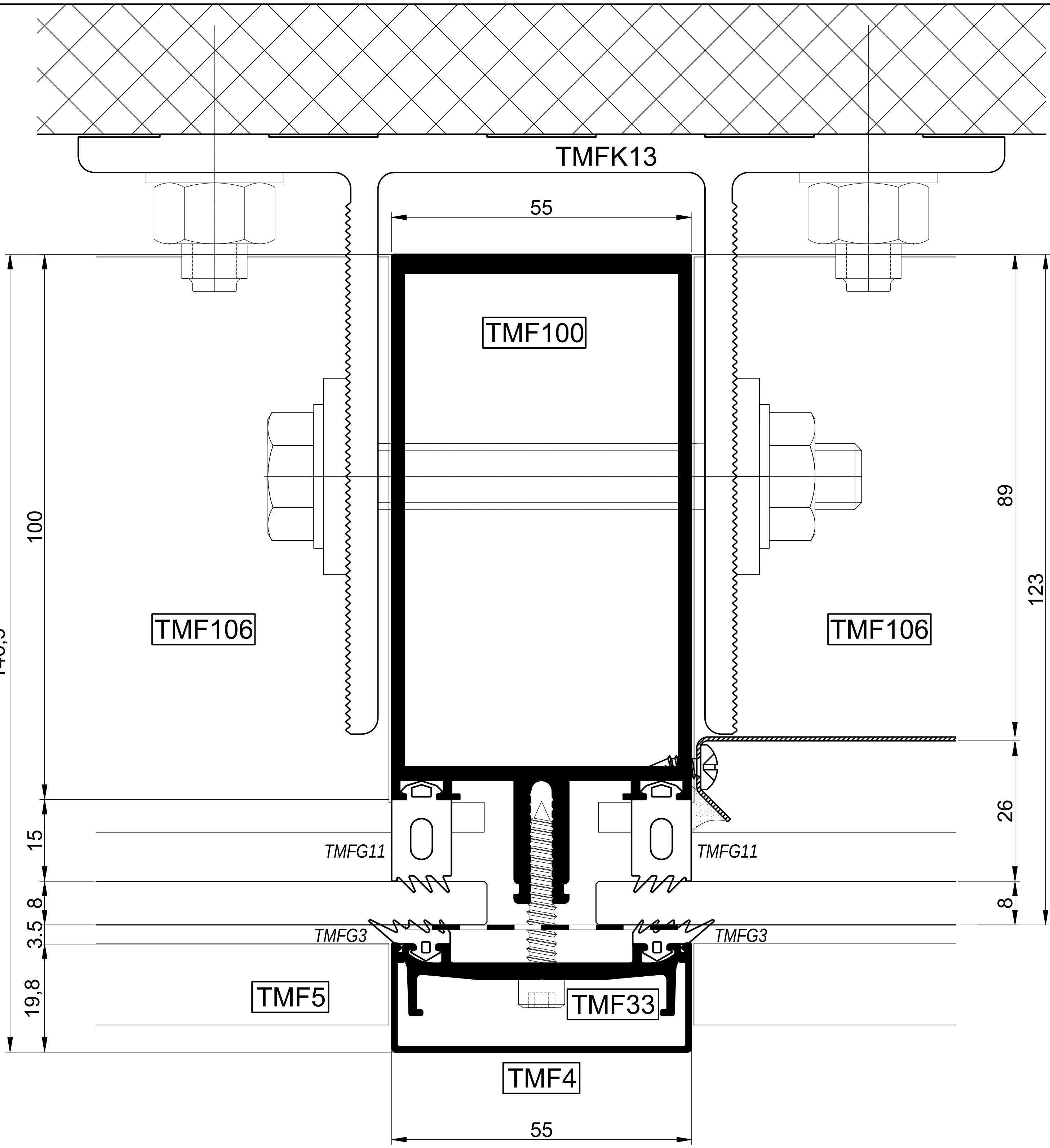
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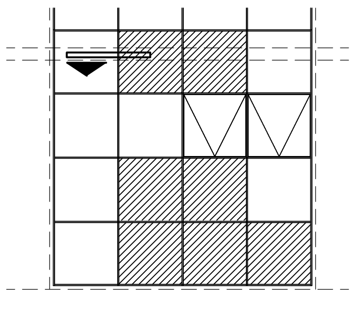

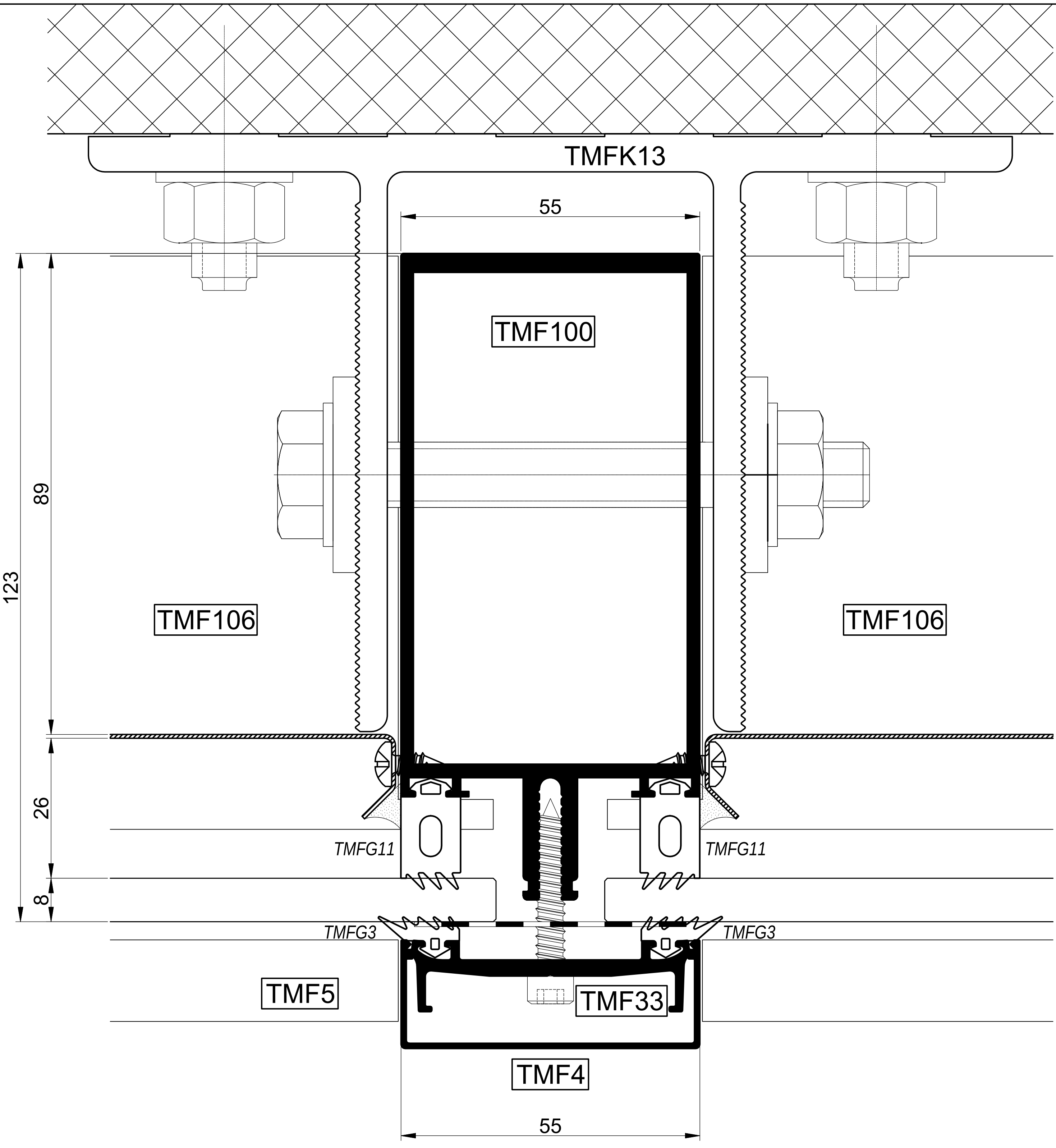
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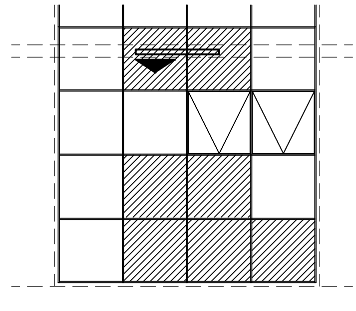

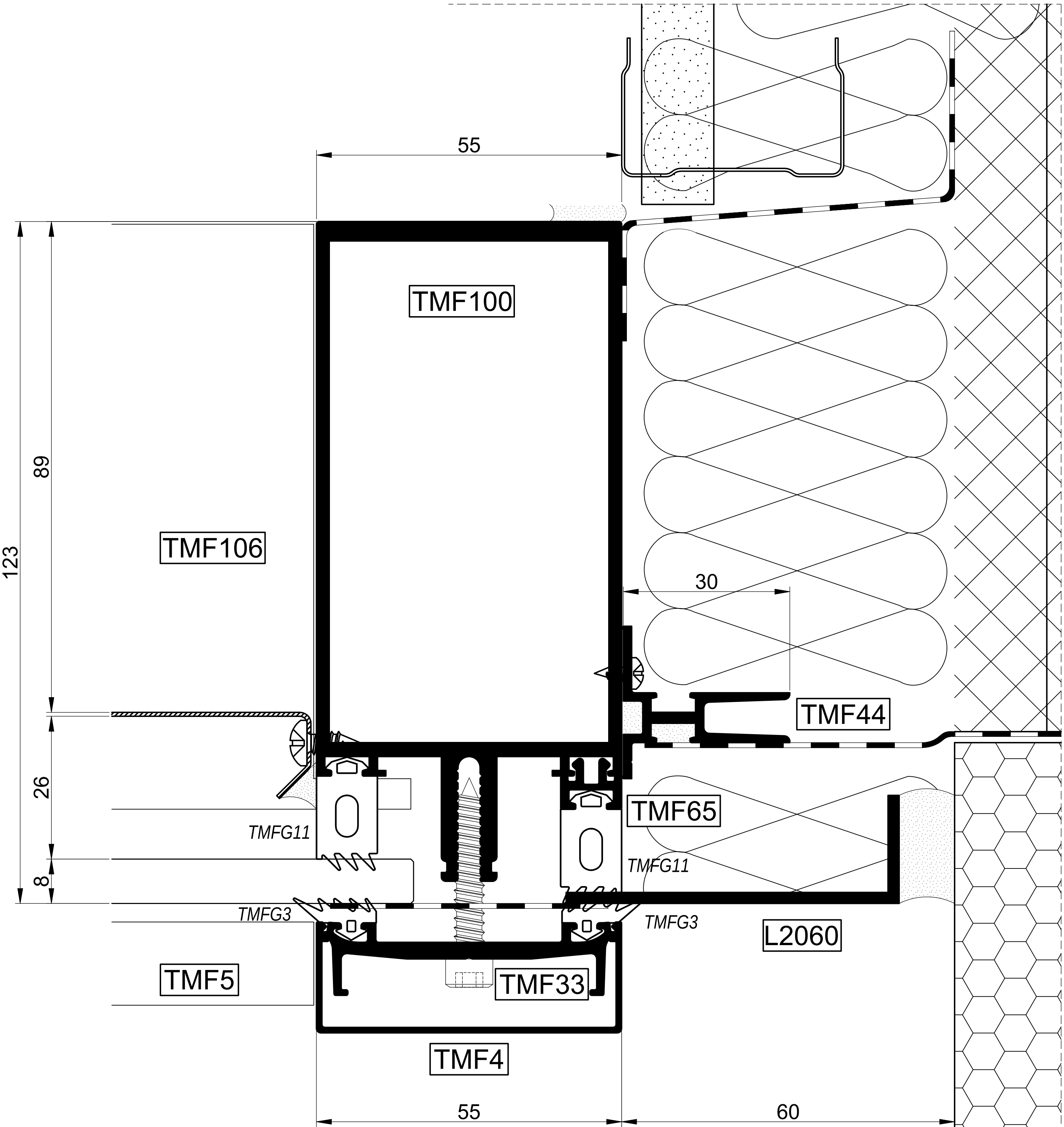
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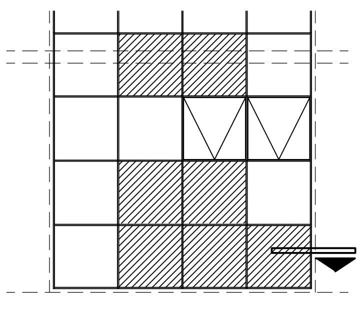

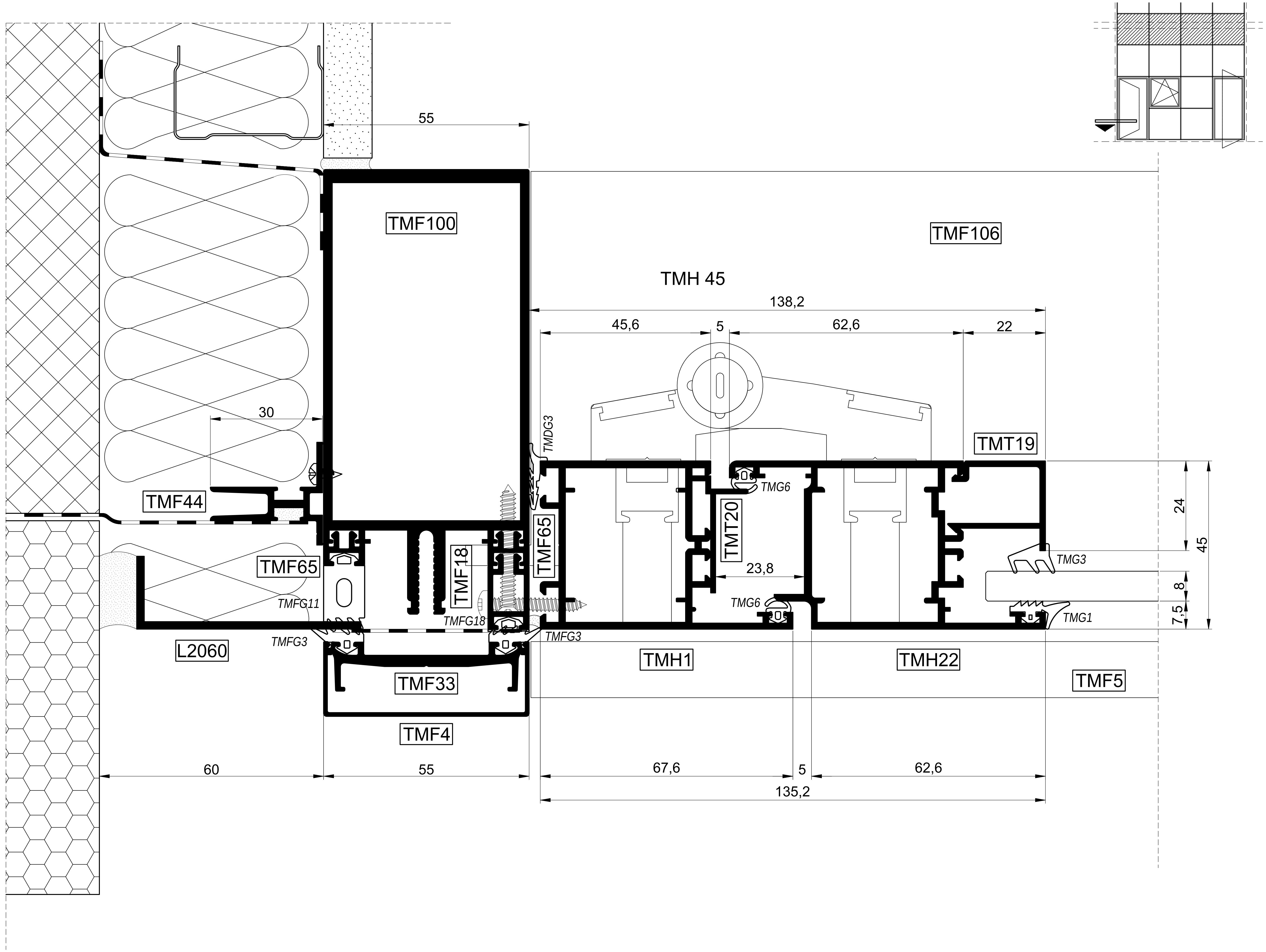
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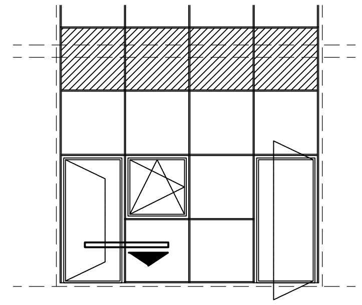

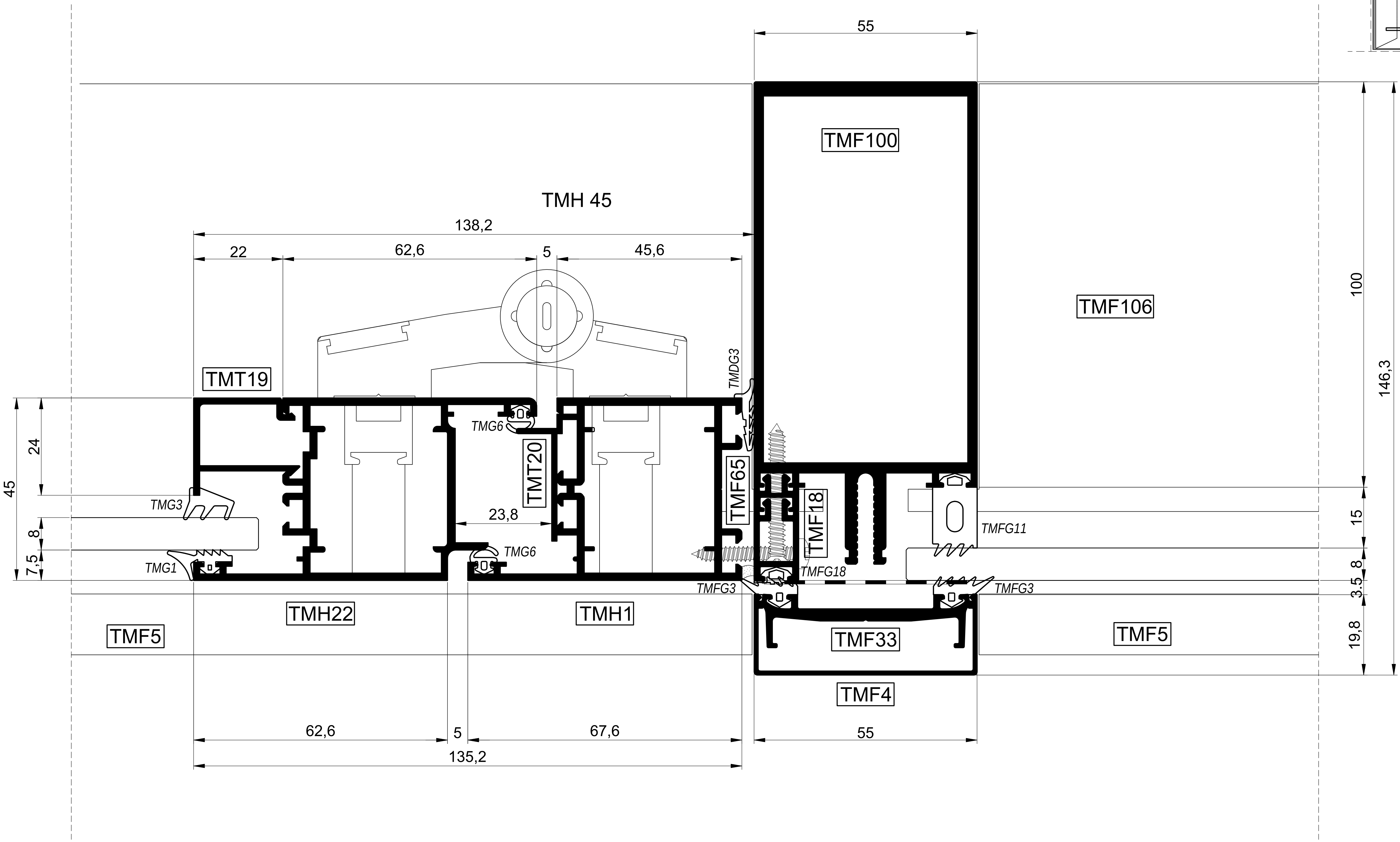
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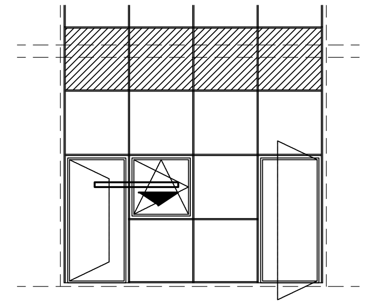

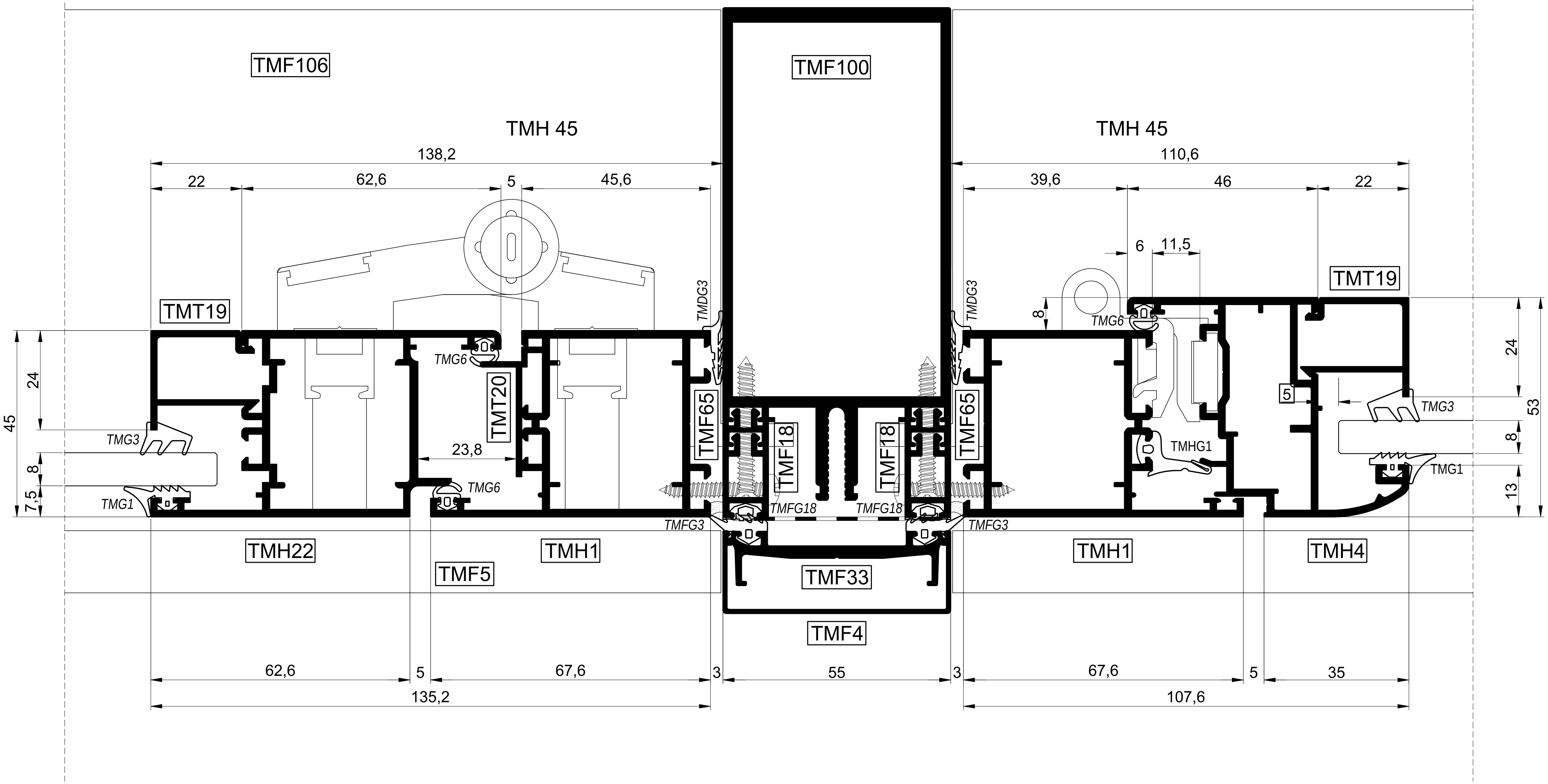
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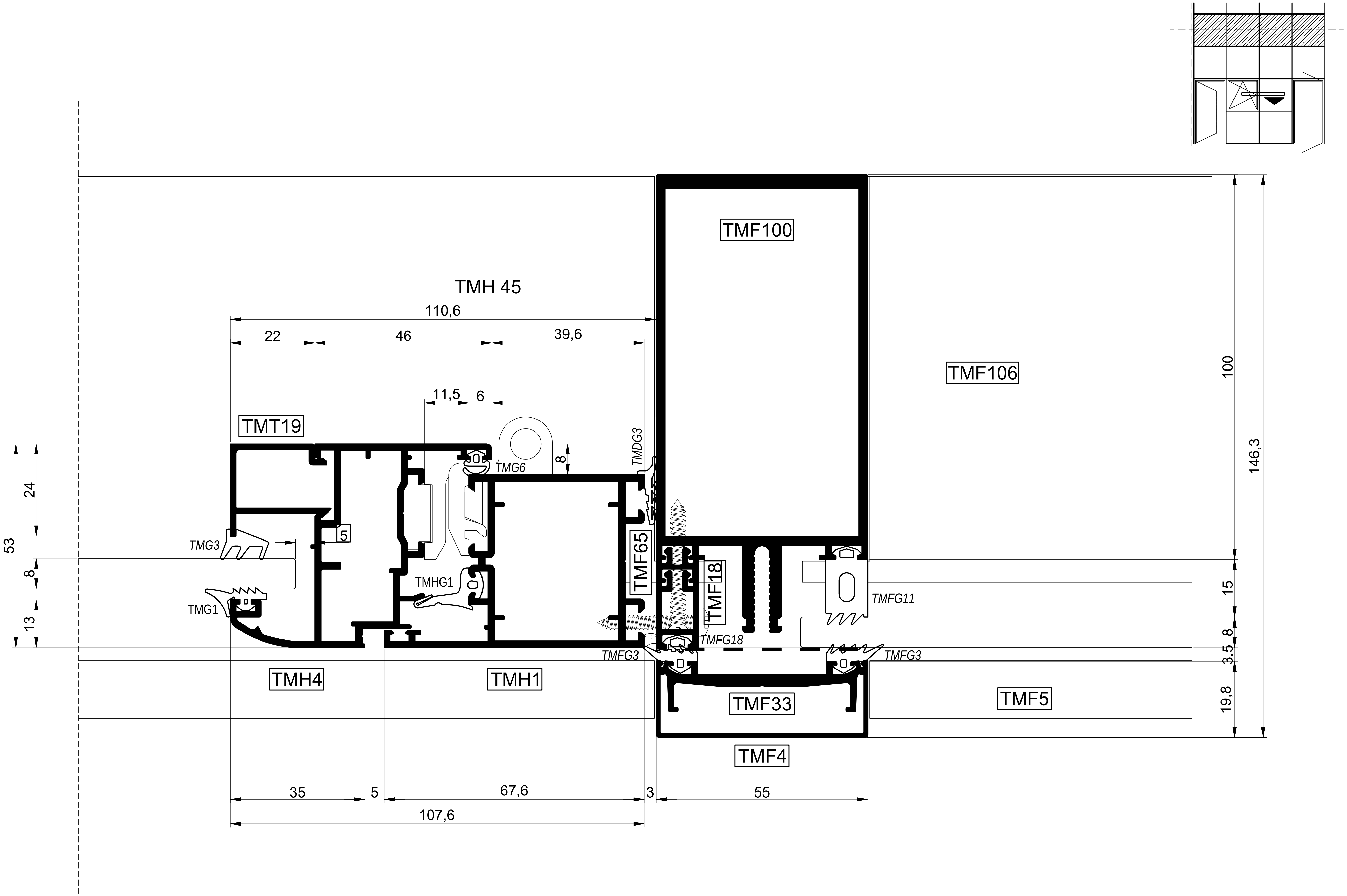
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TMF106
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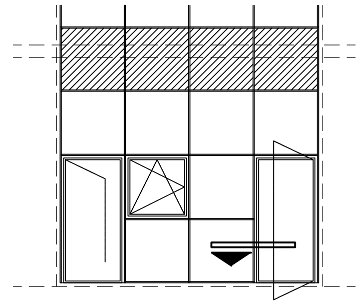

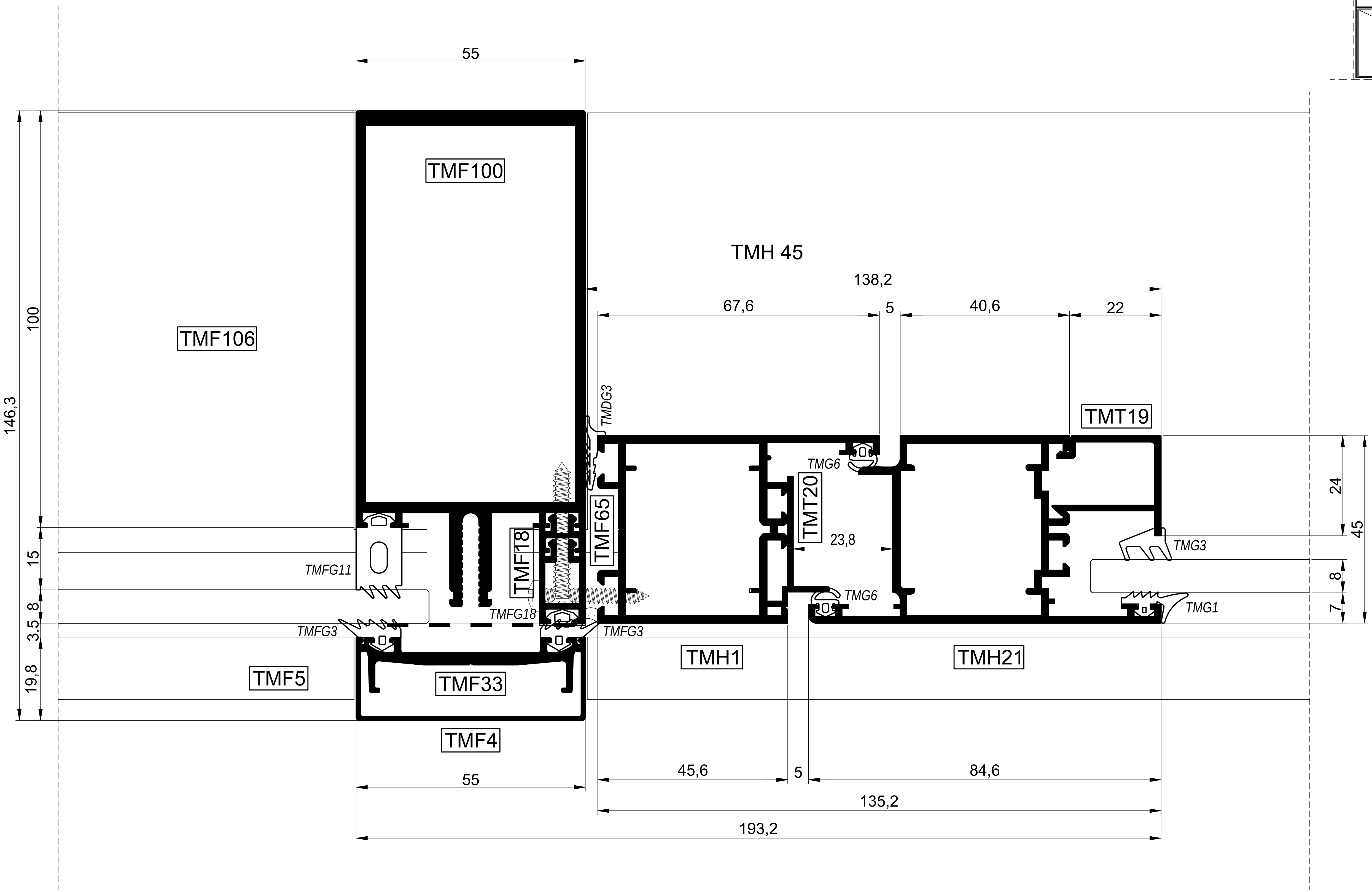
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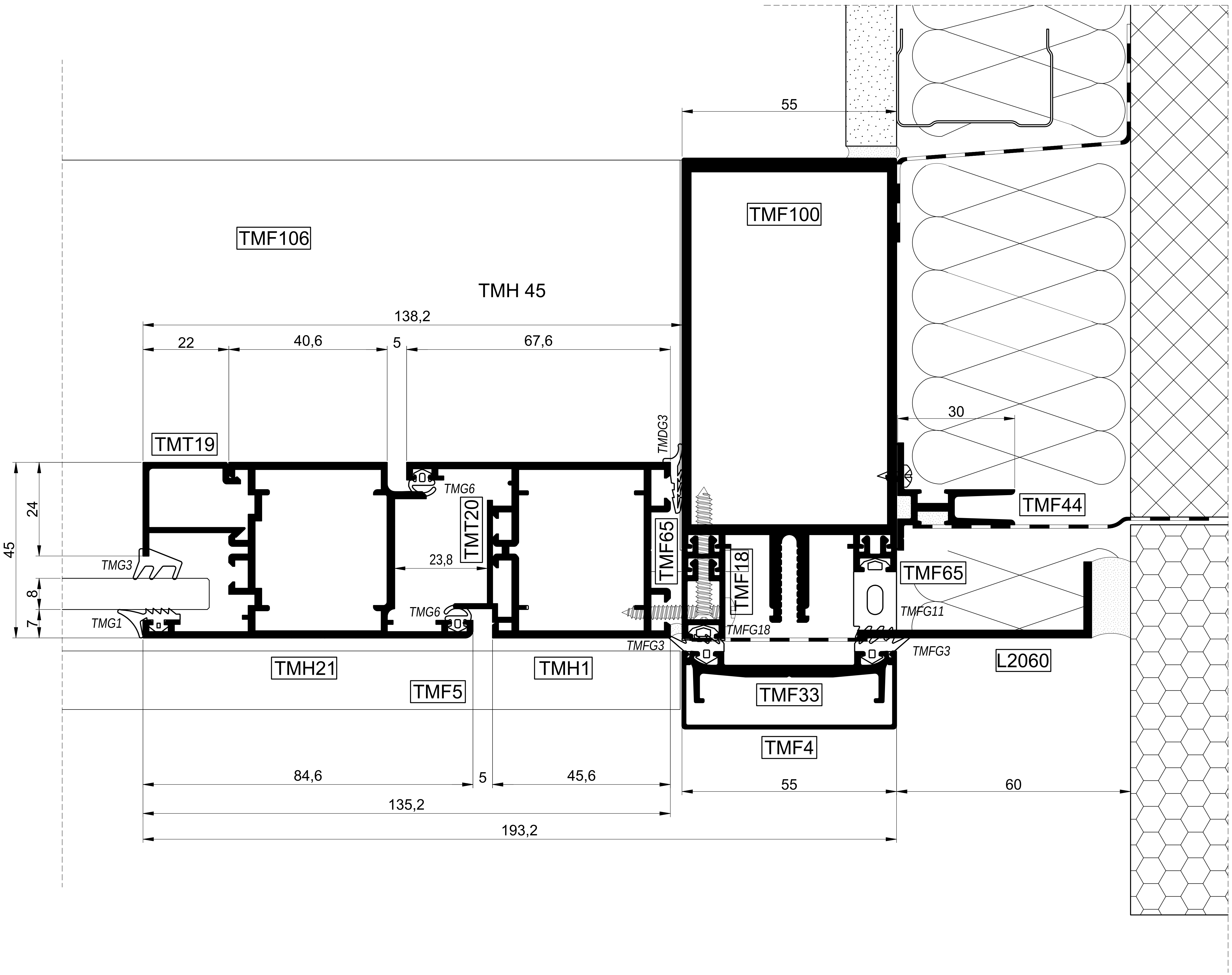
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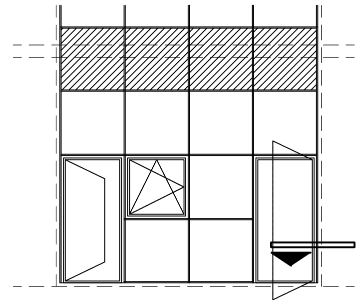

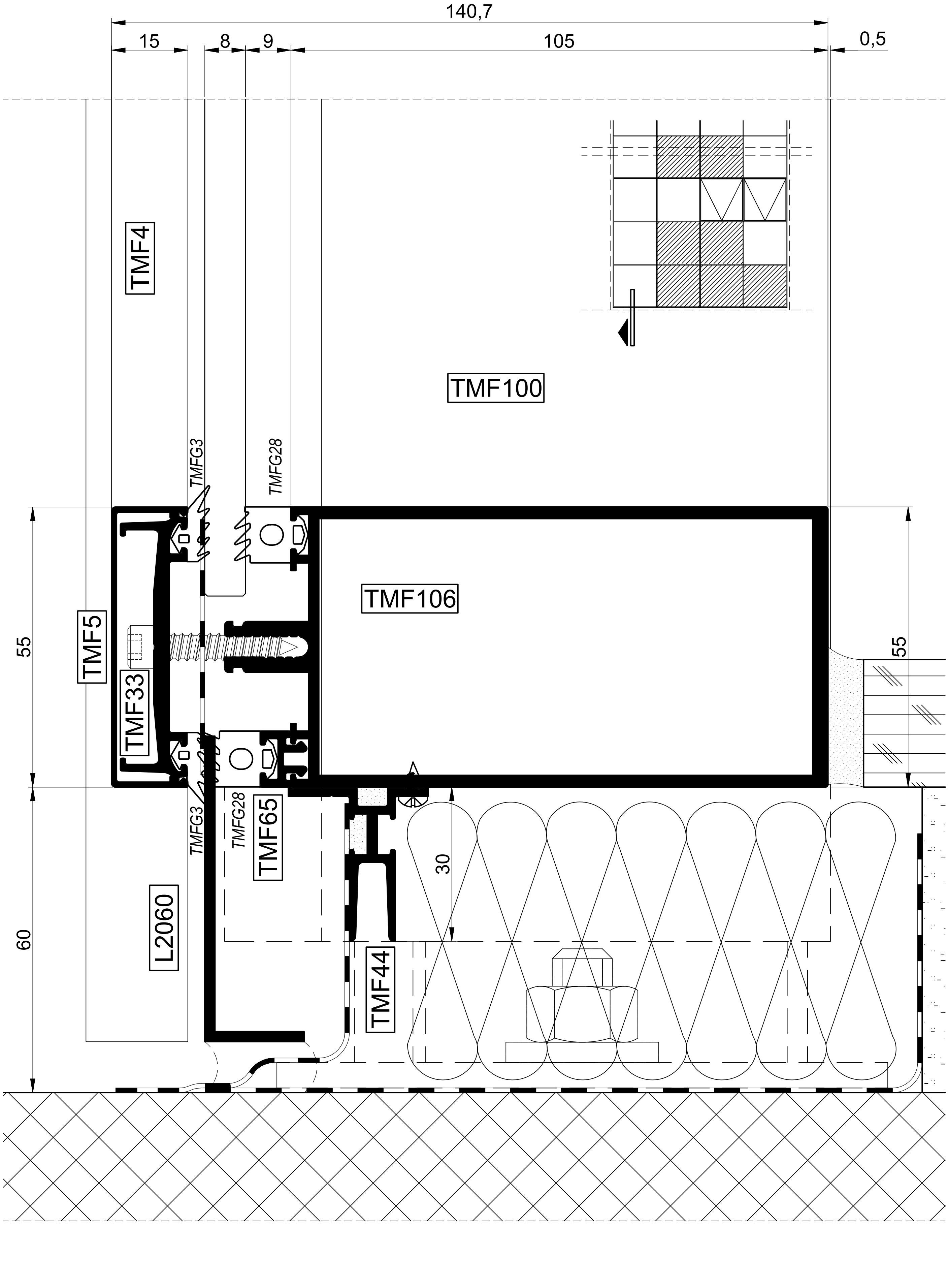
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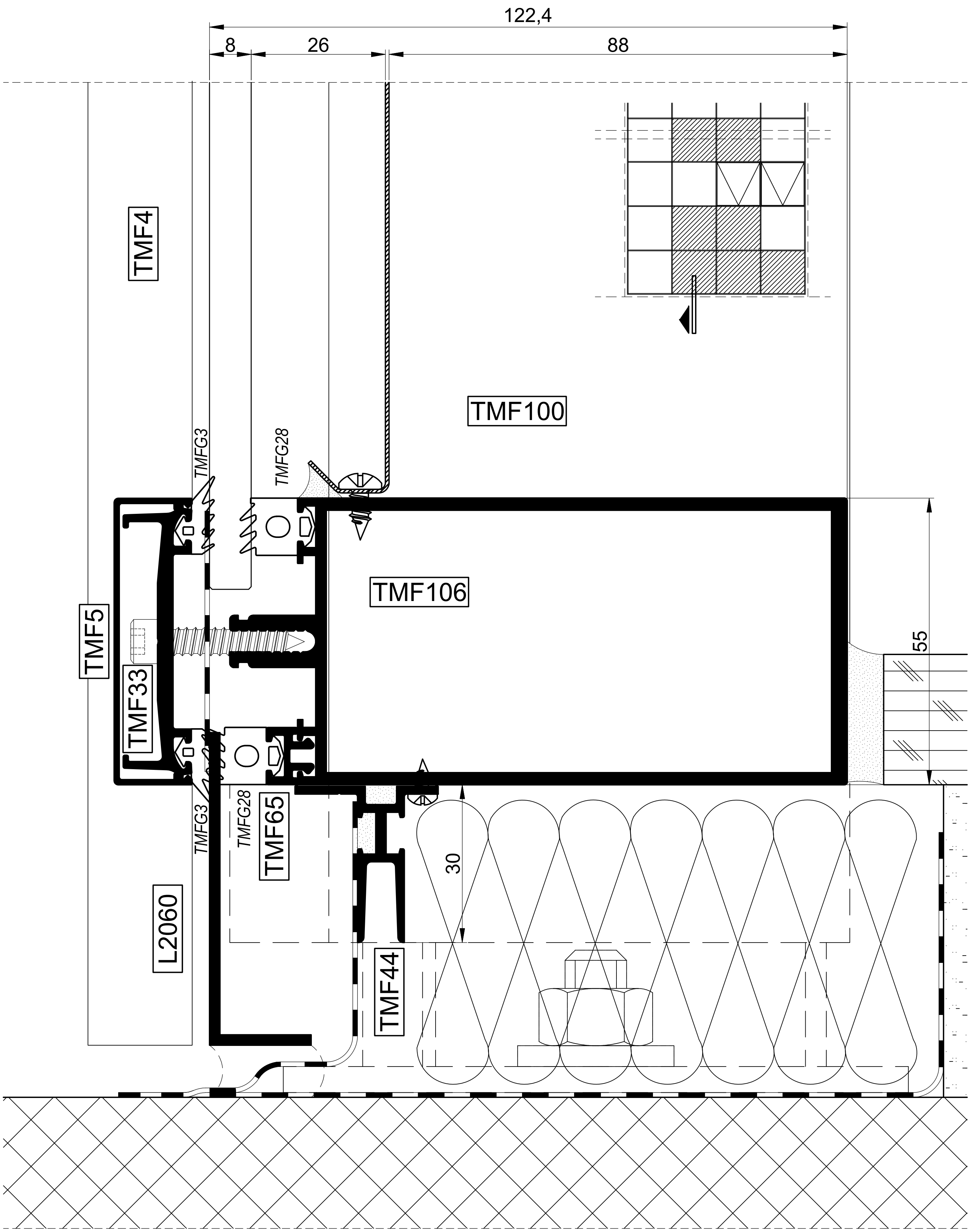
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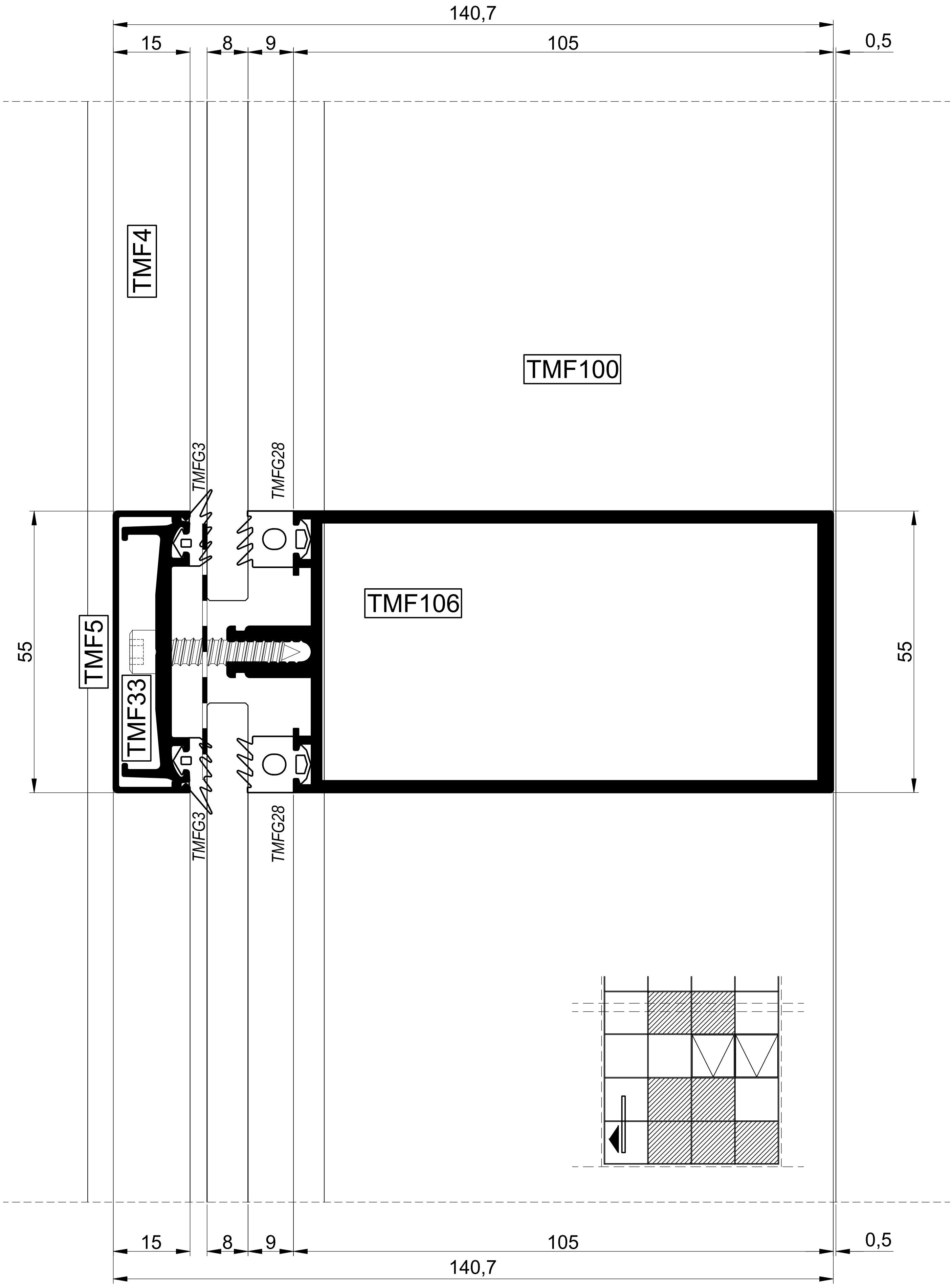
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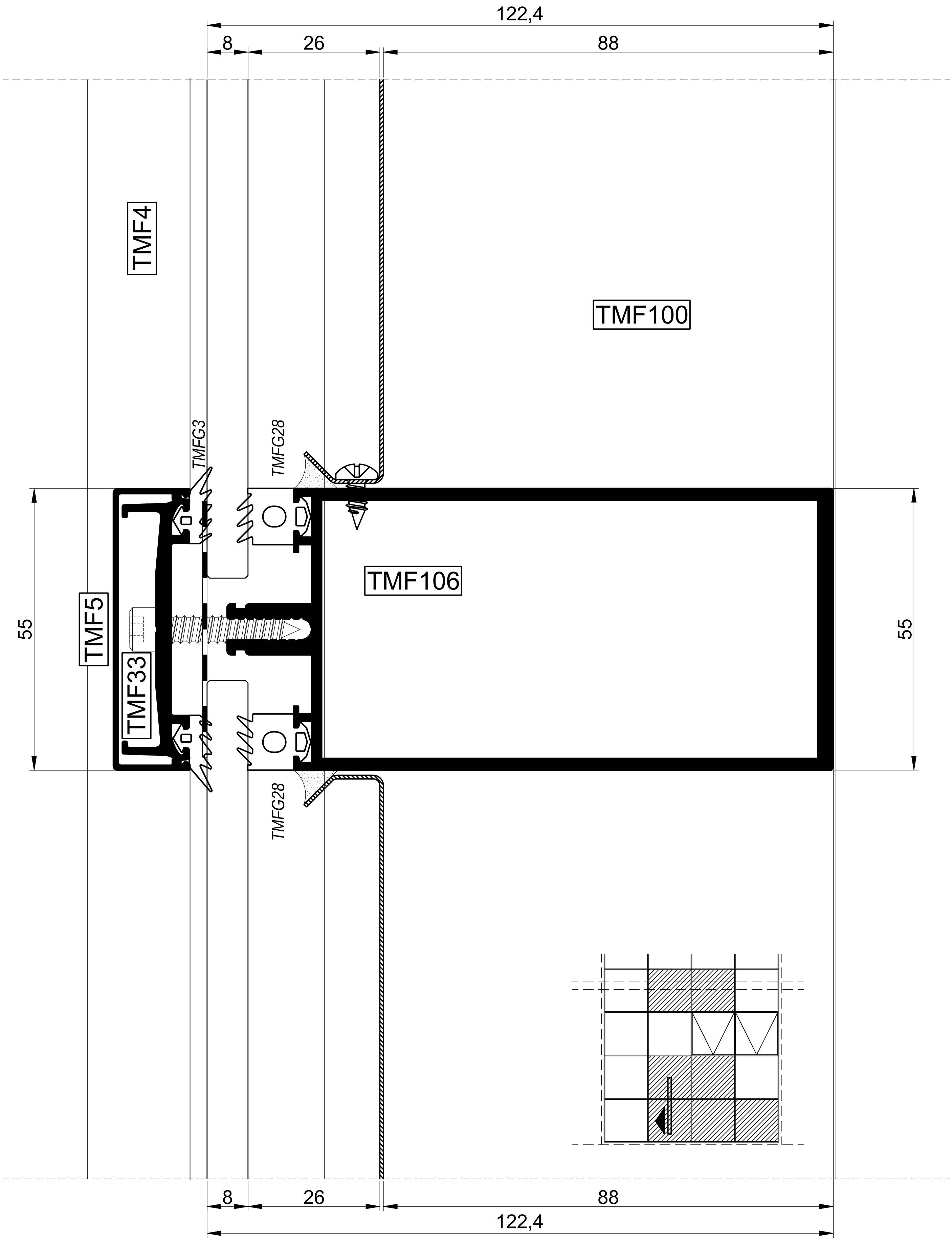
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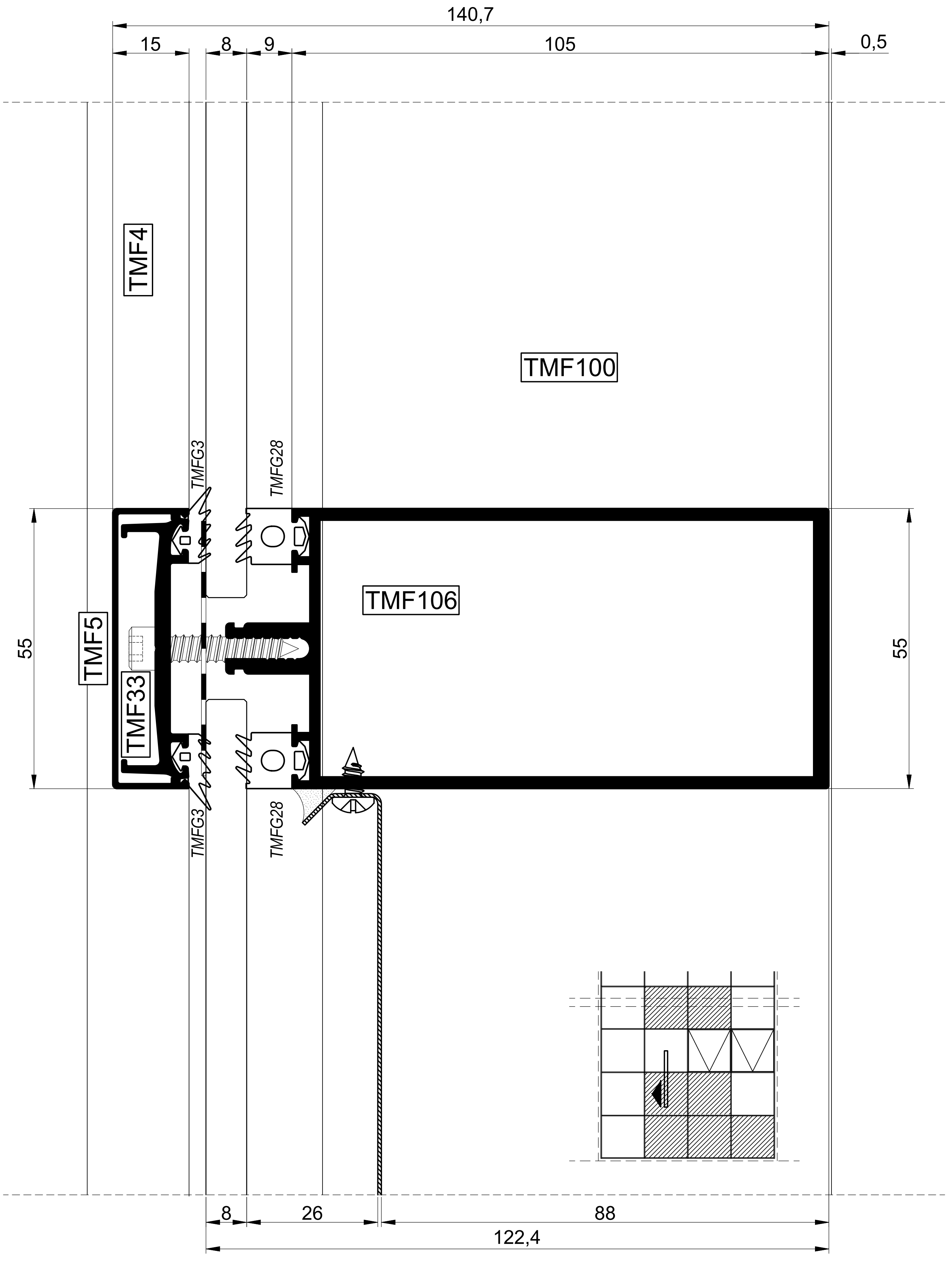
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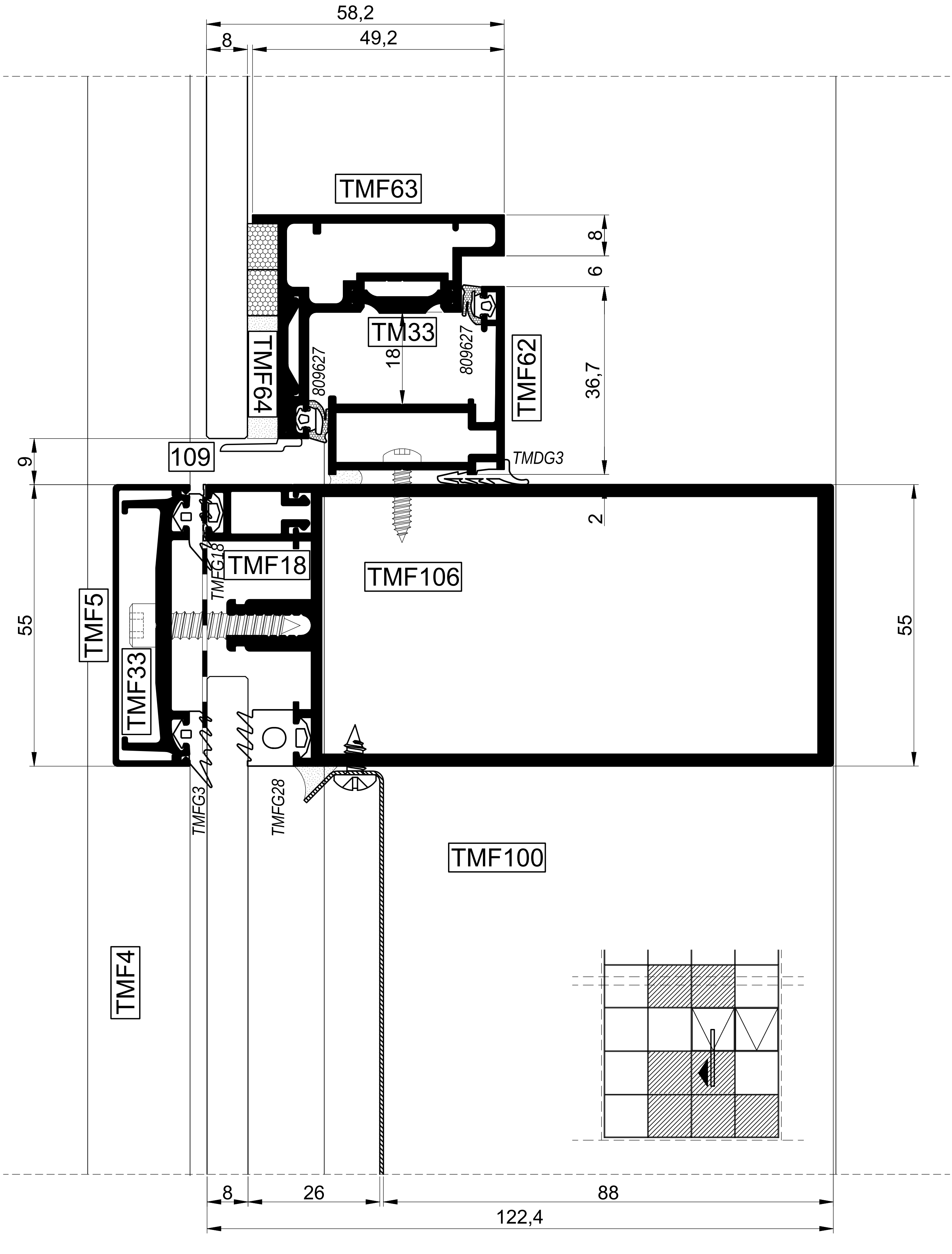
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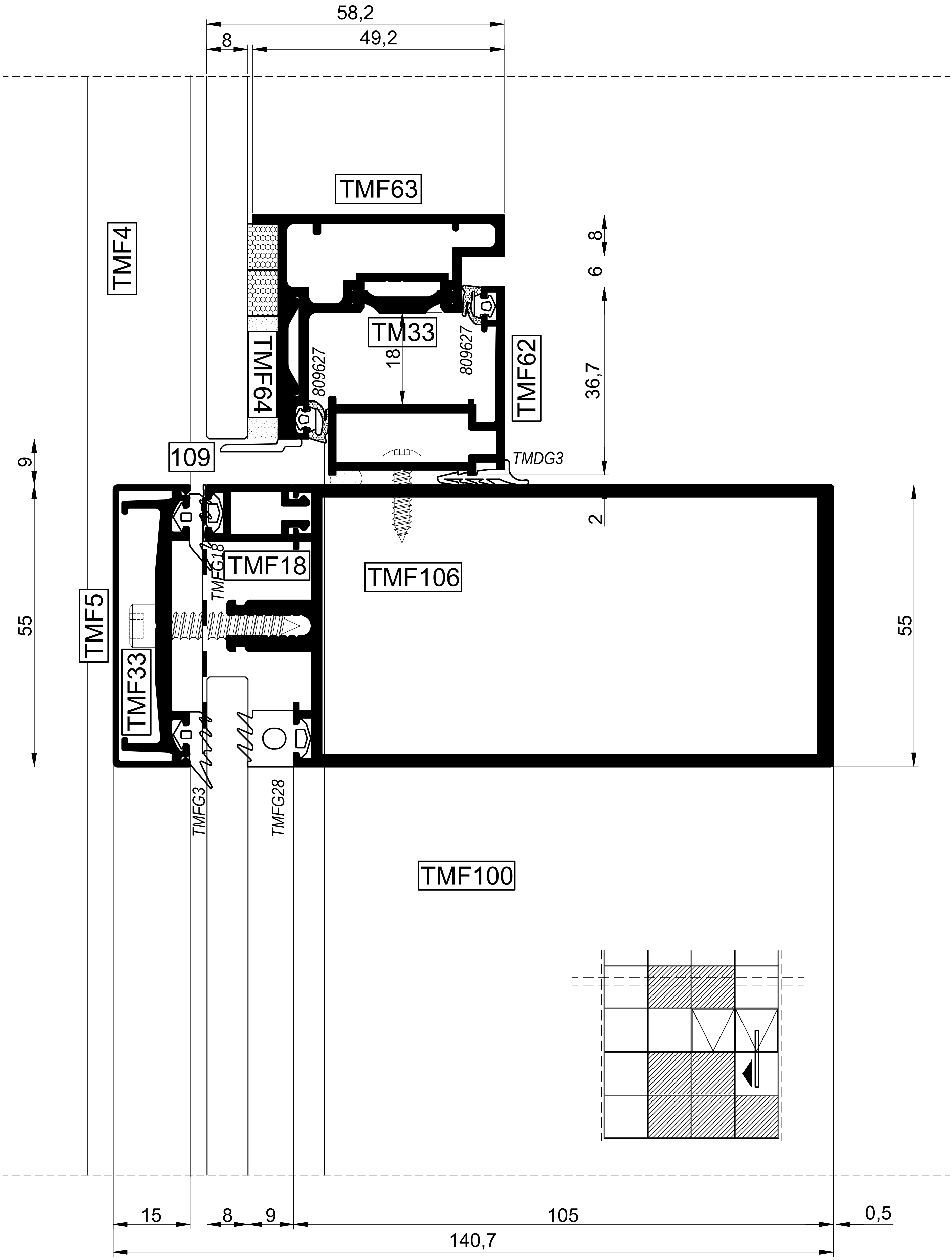
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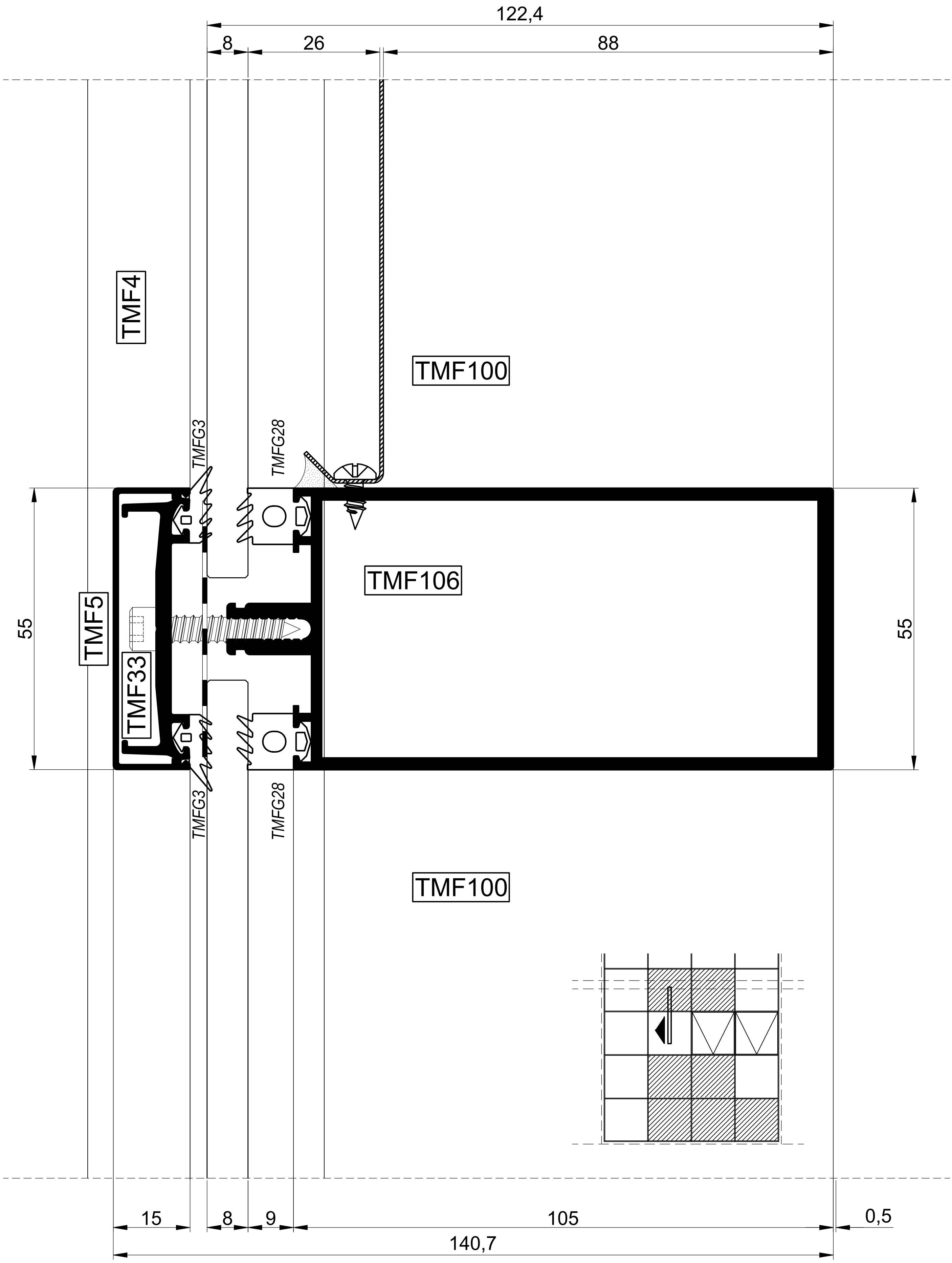
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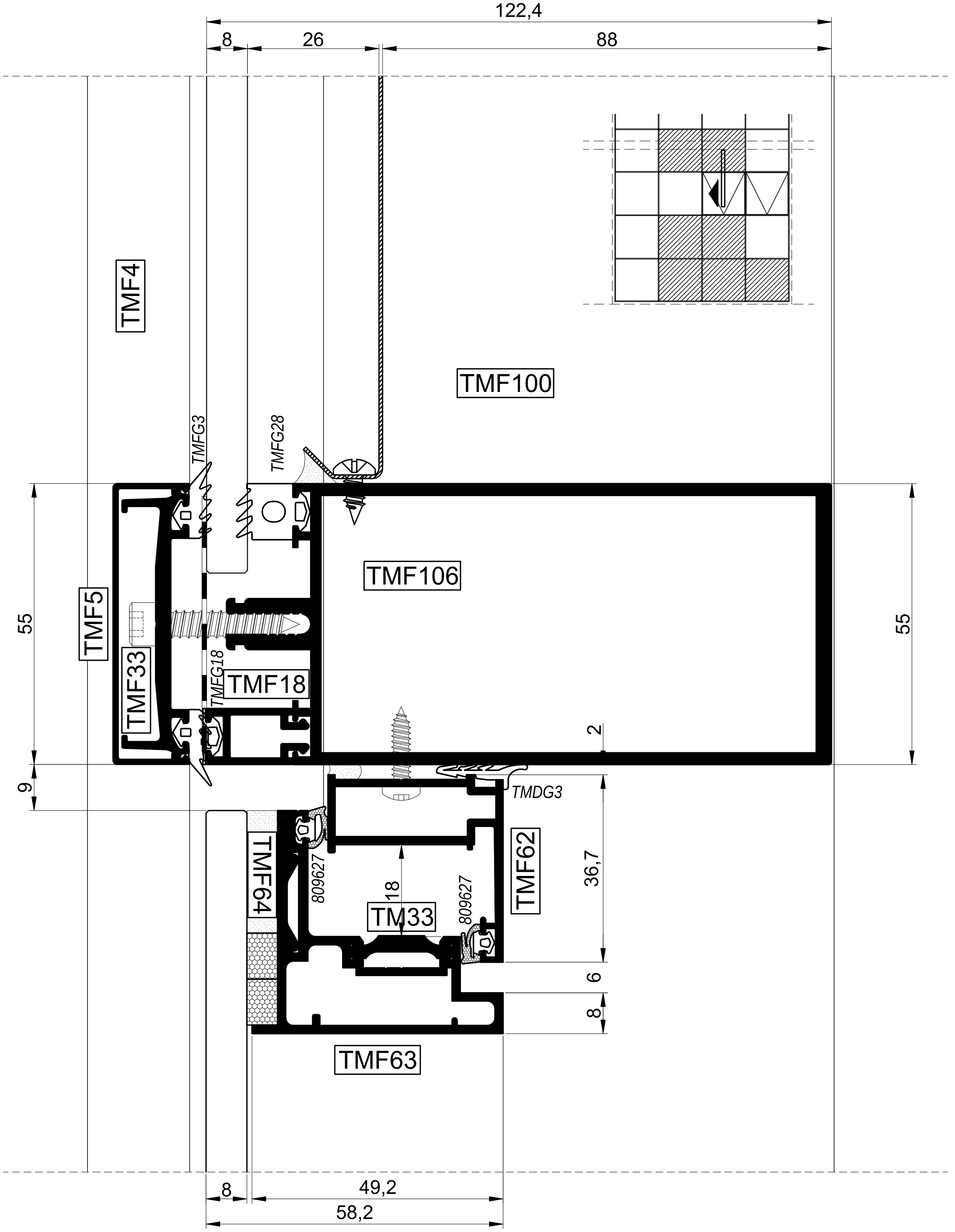
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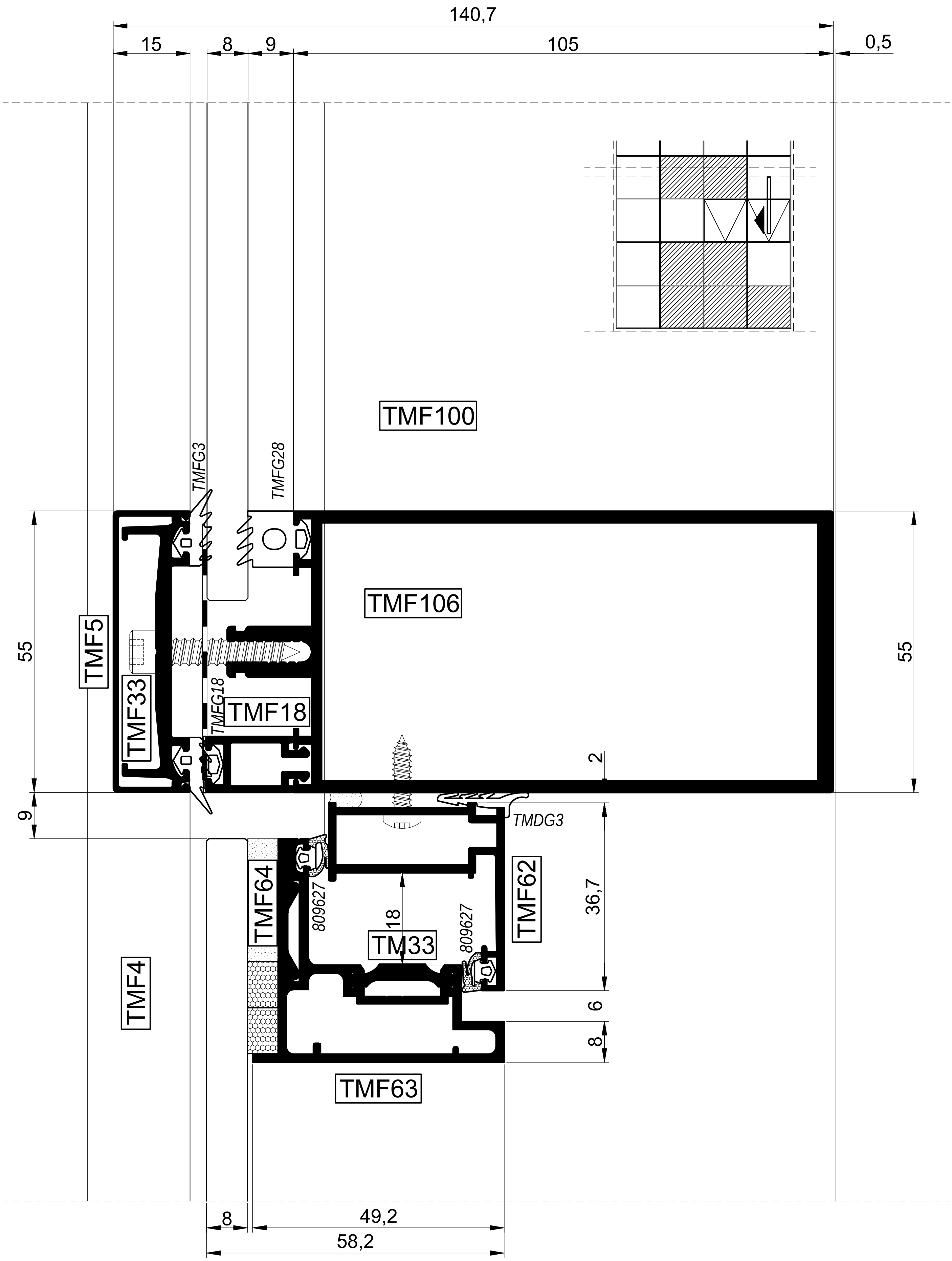
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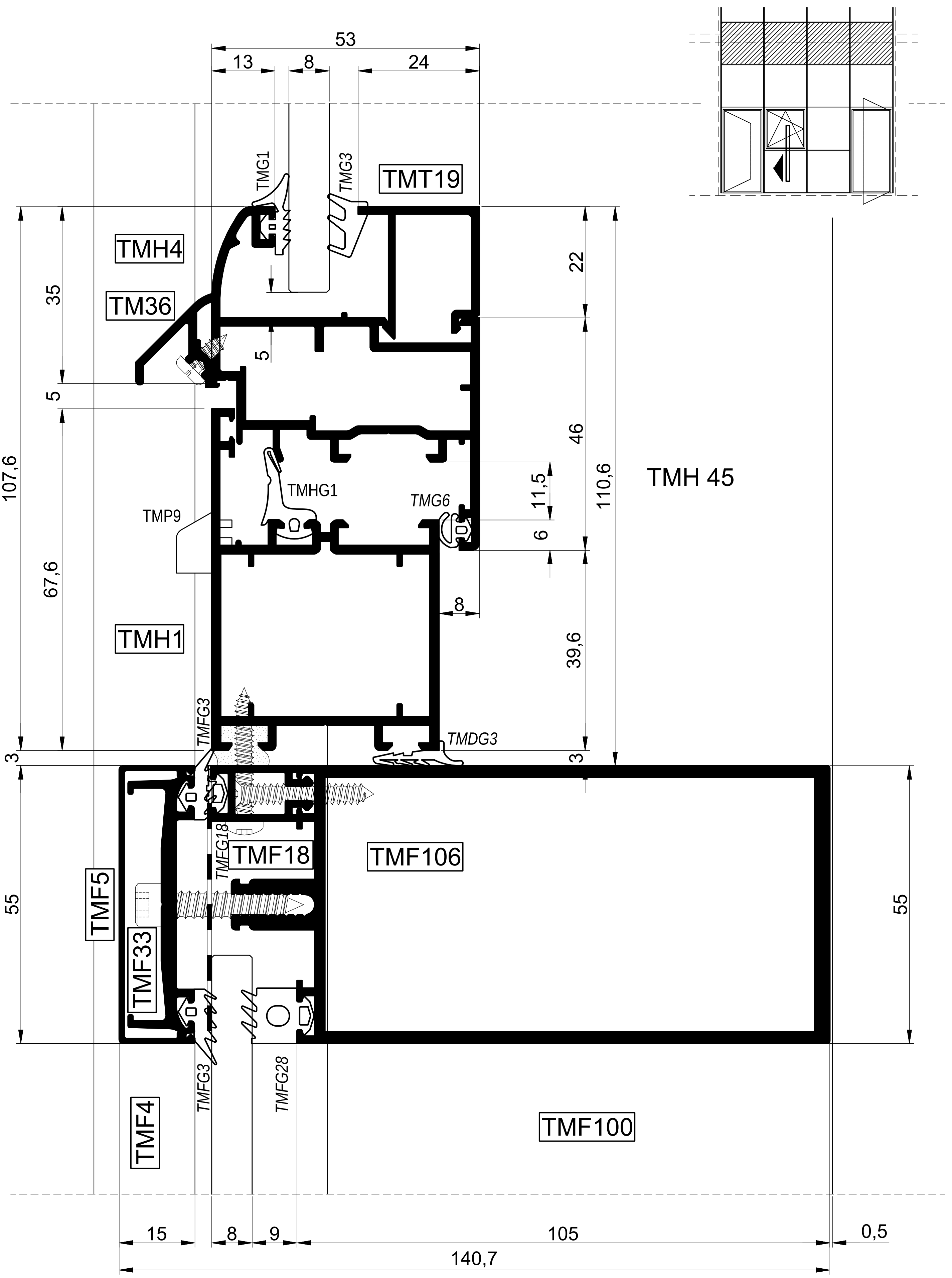
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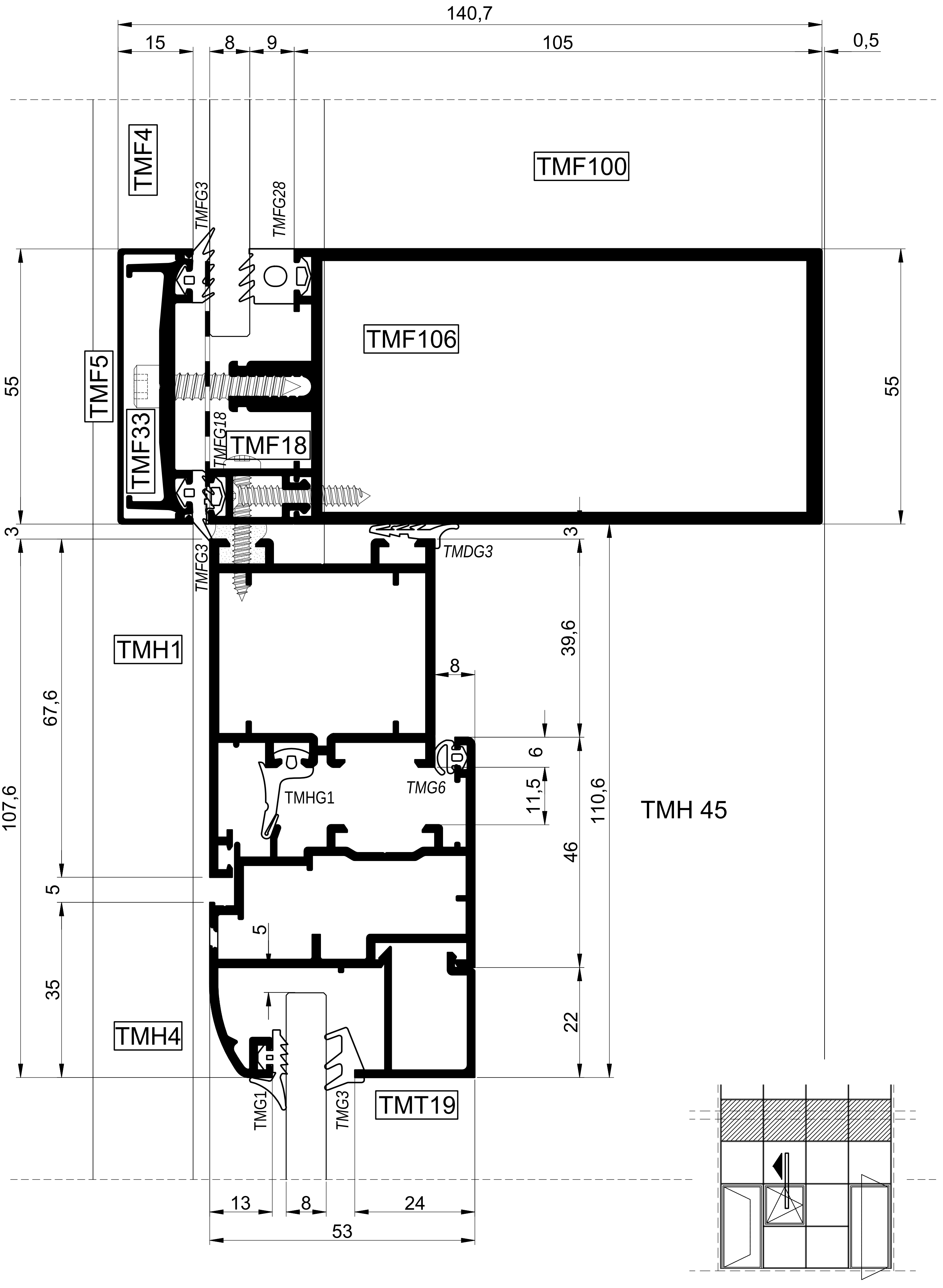
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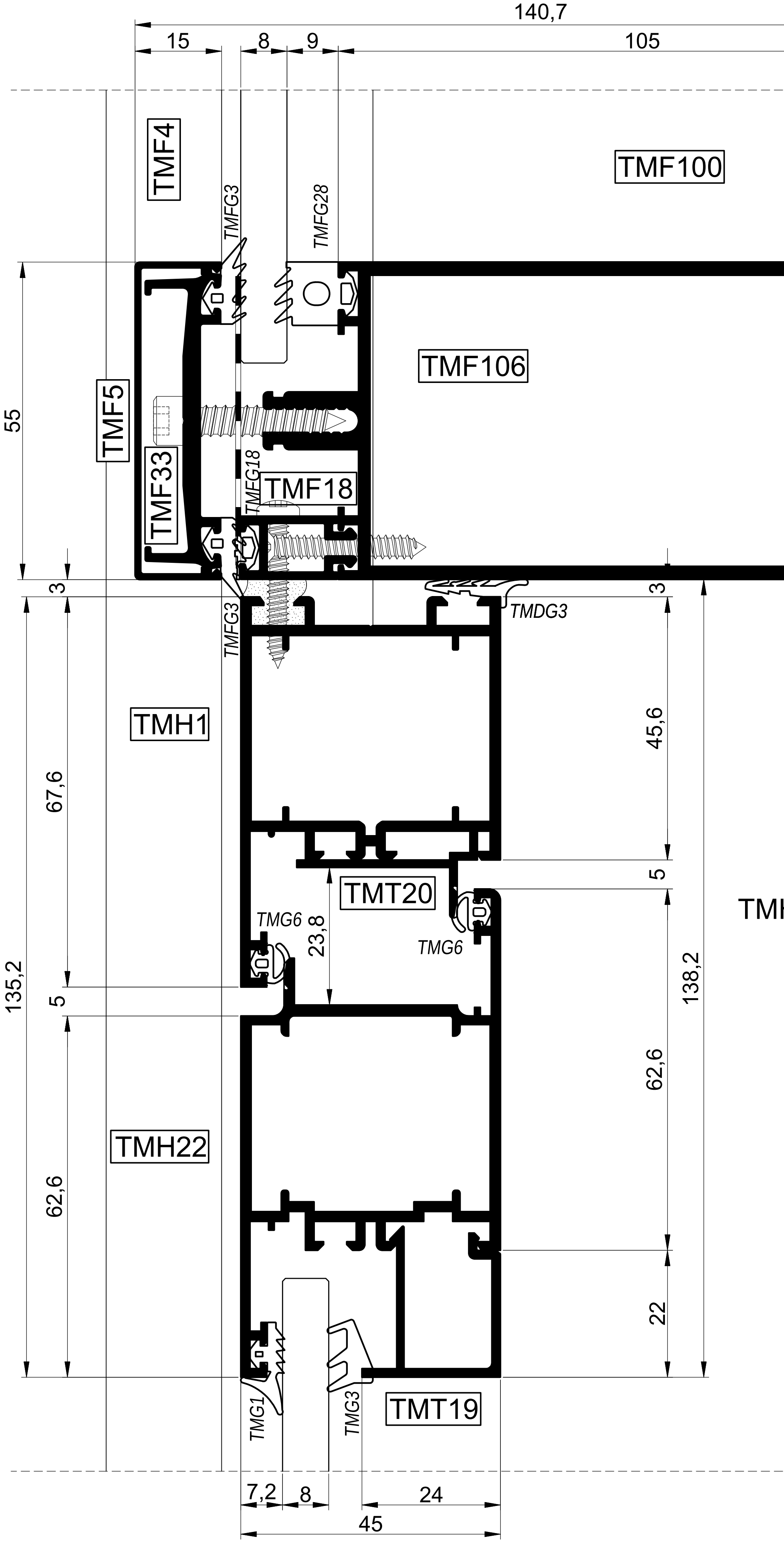
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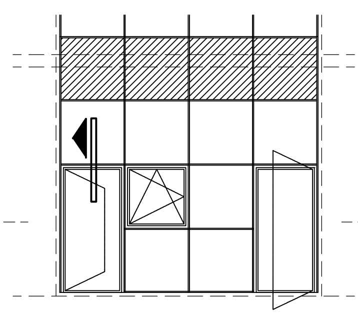

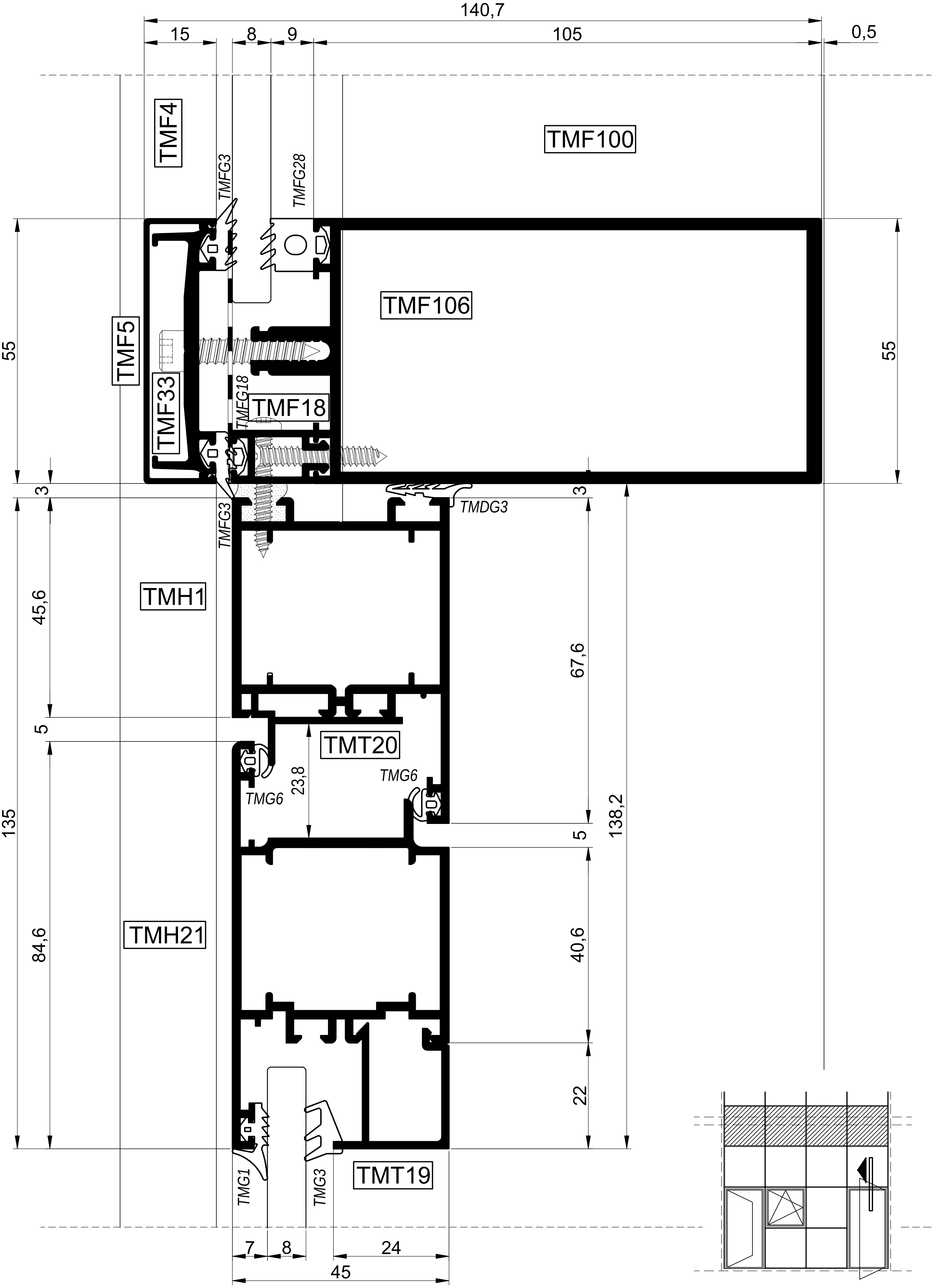
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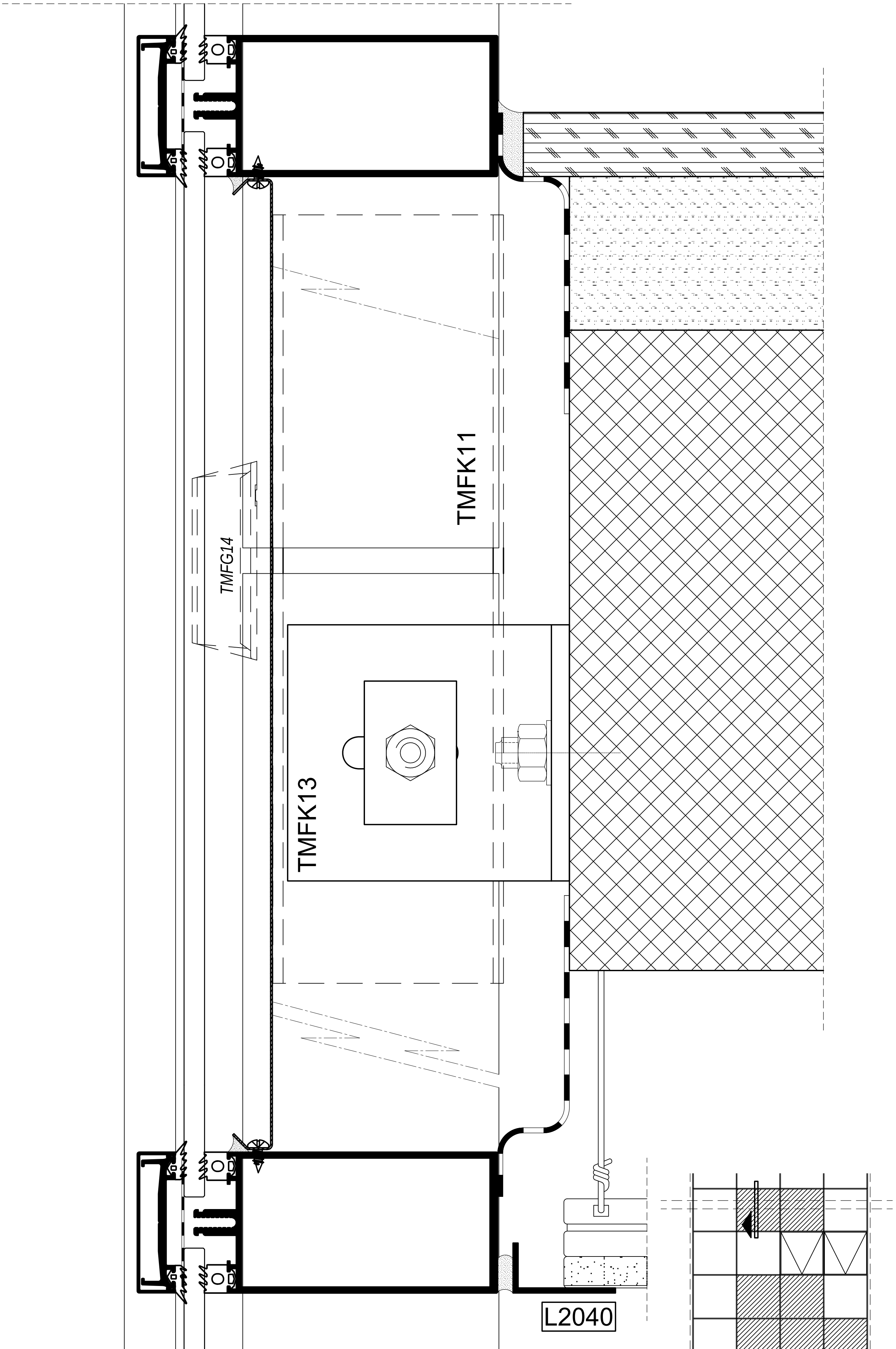
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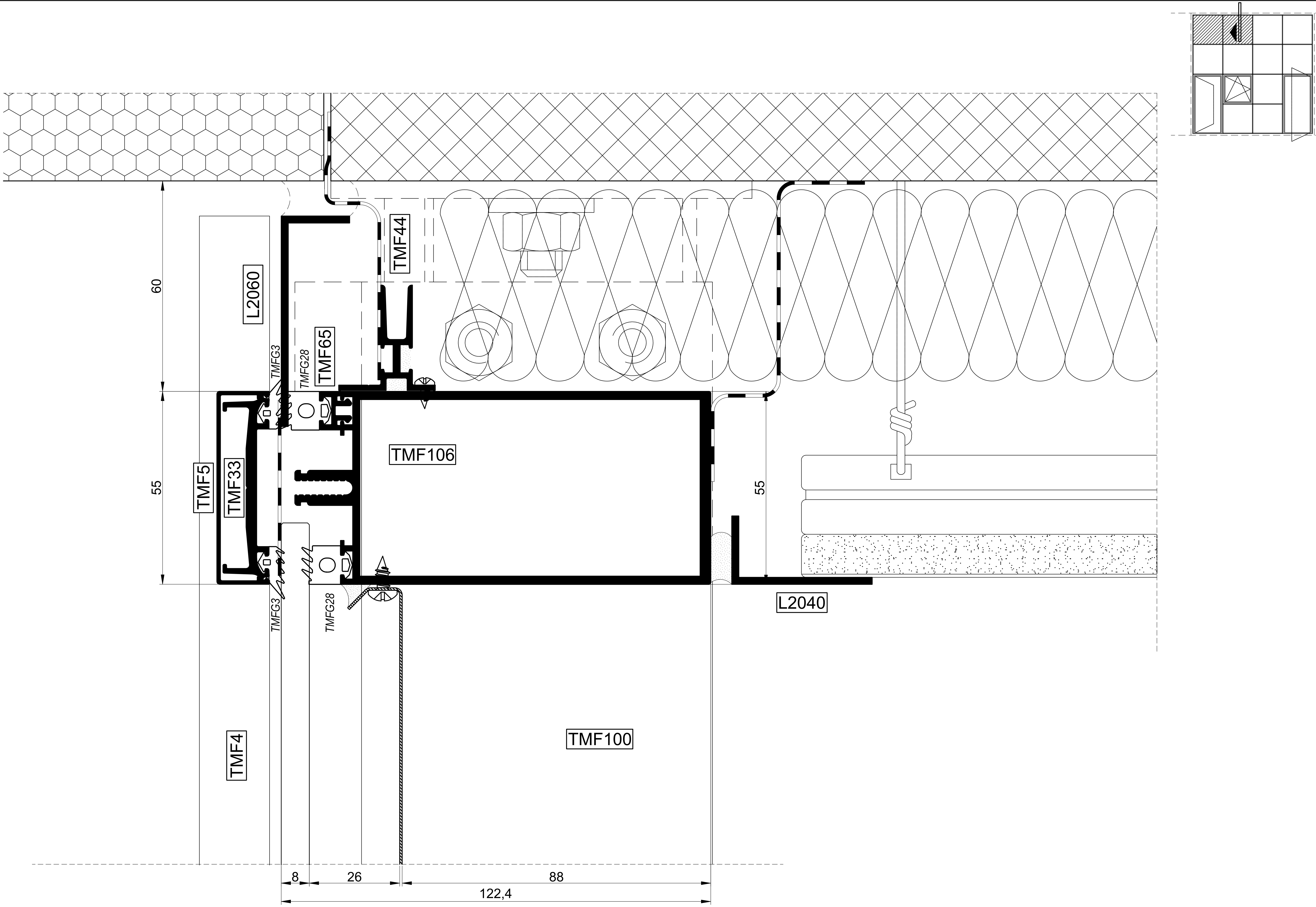
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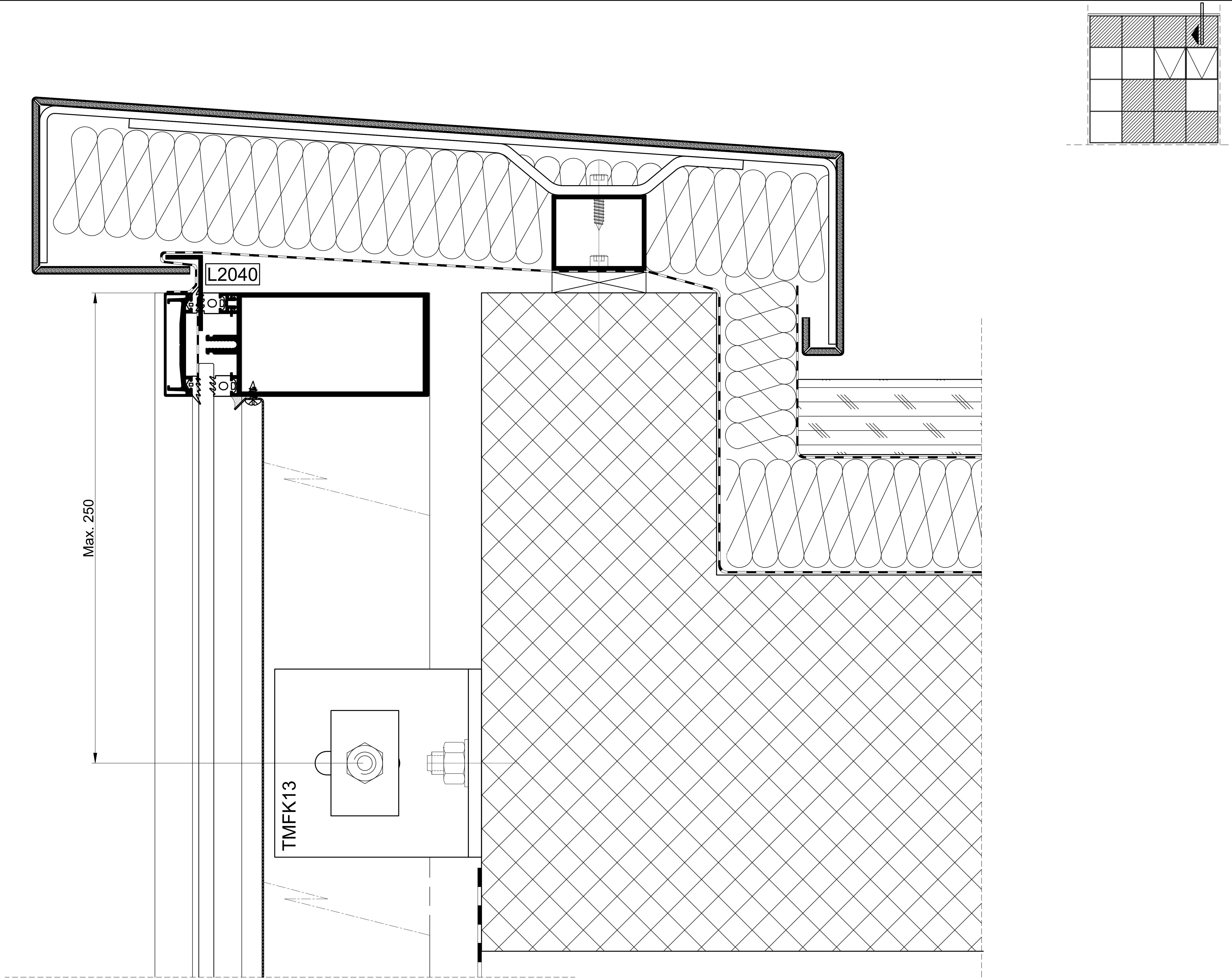
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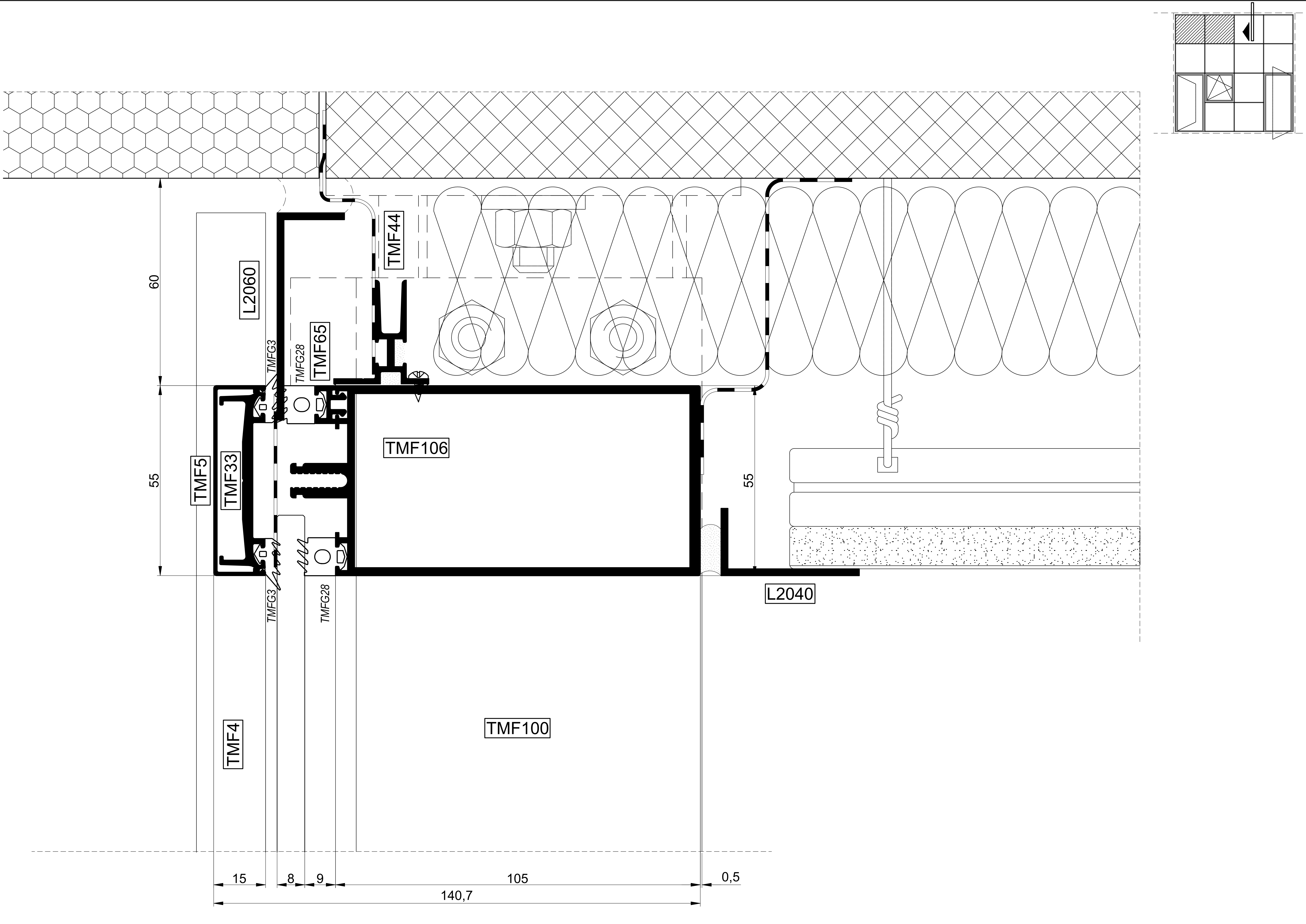
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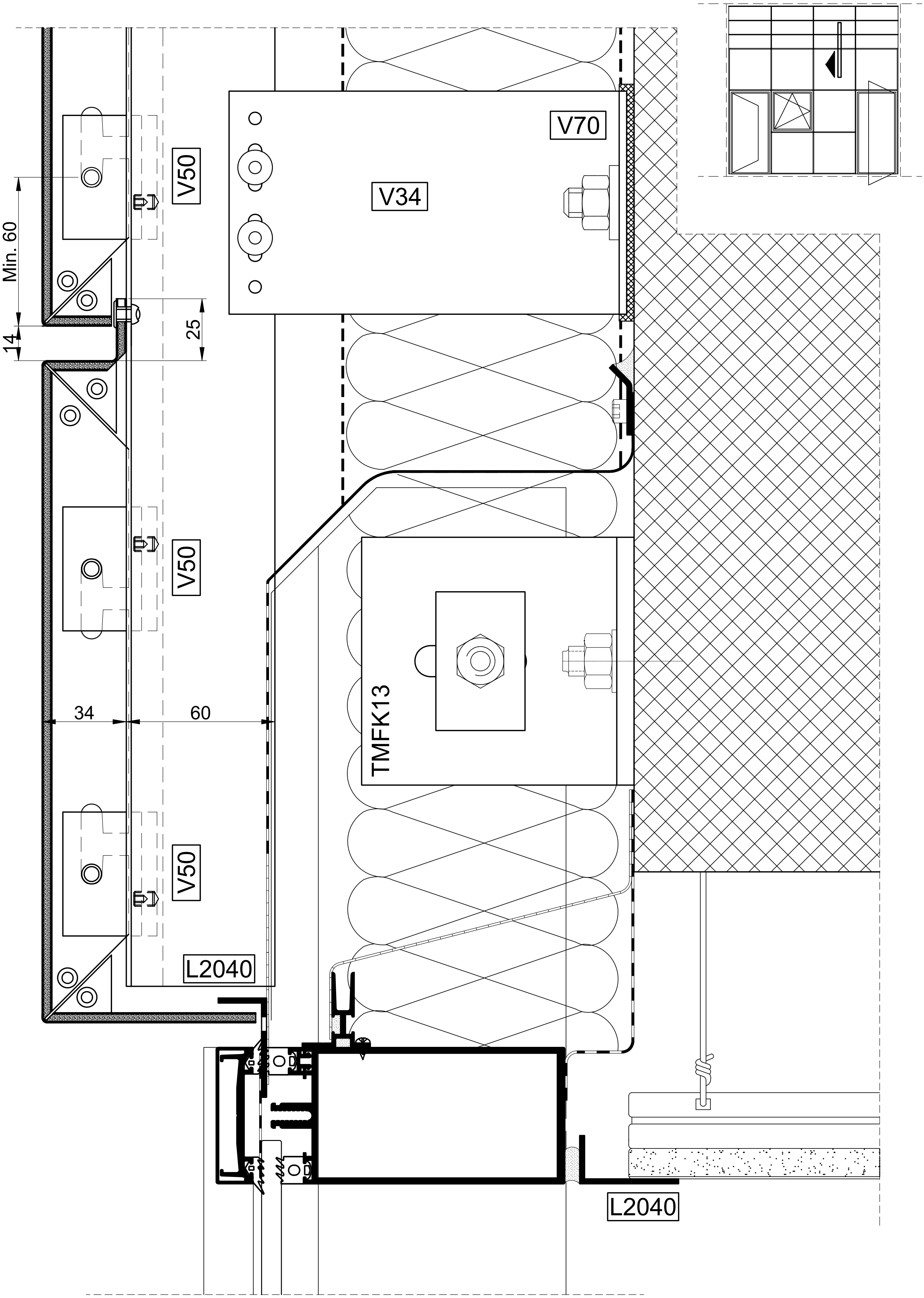
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V34
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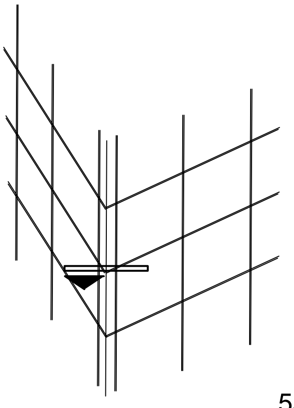
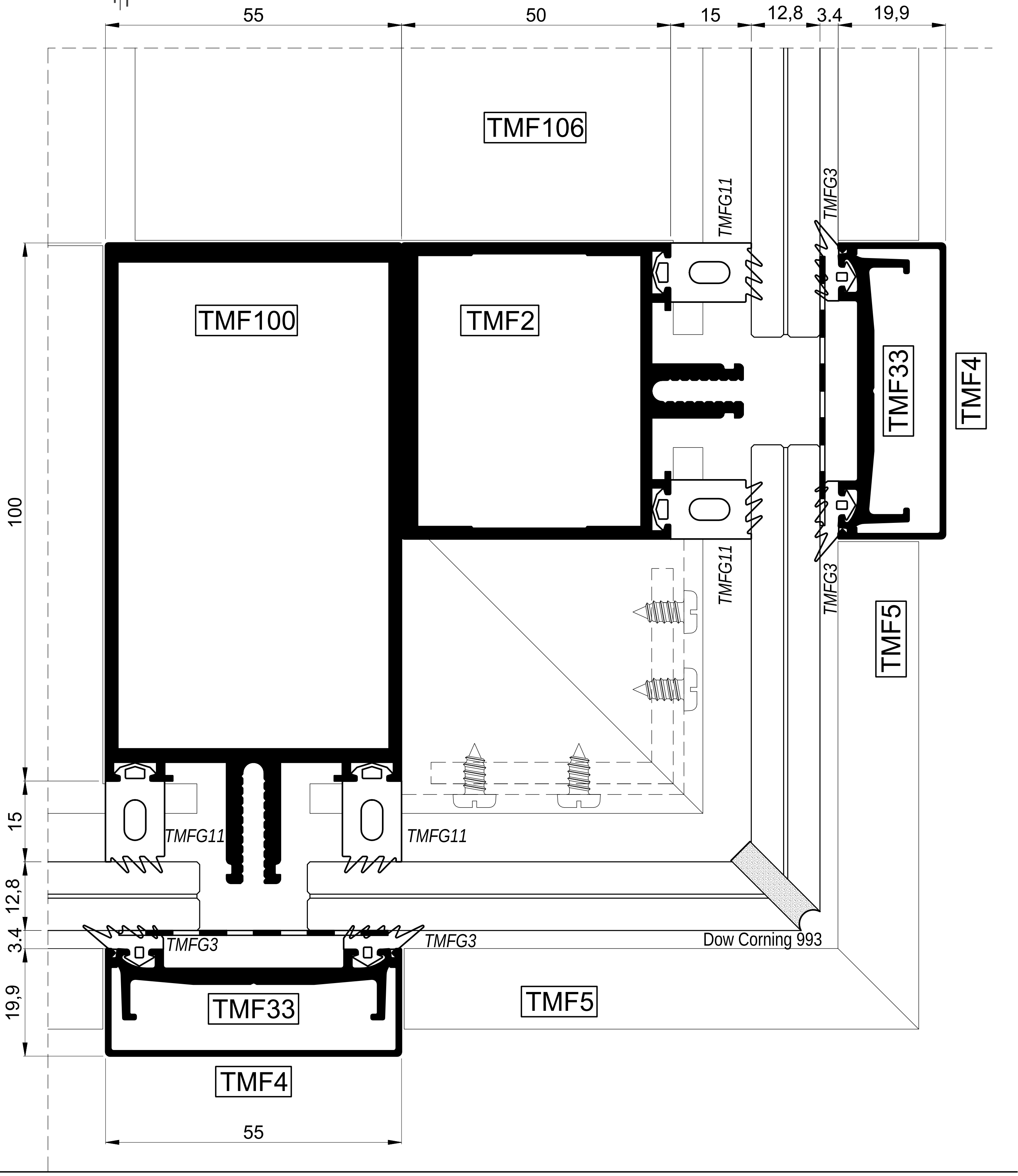
Atipični detalji
Atypically details
Нетипично деталь

ALUMINIK CS55

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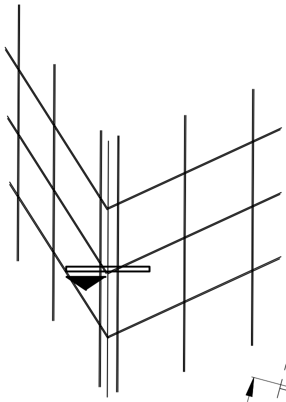
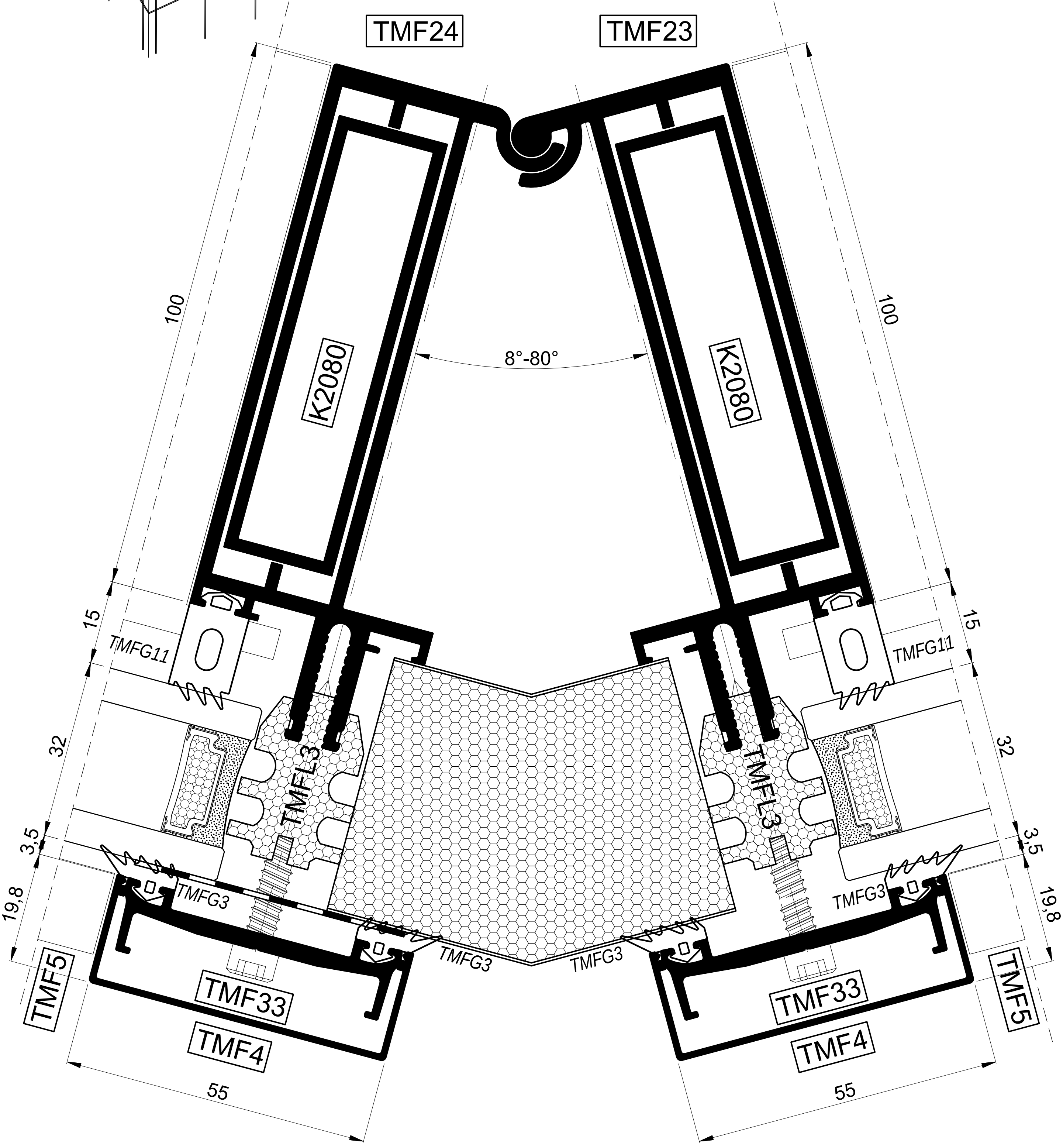
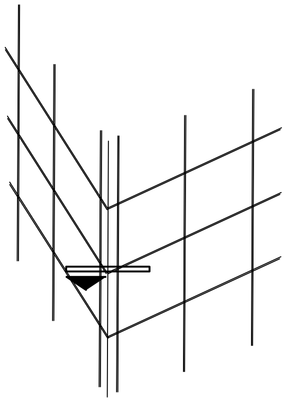
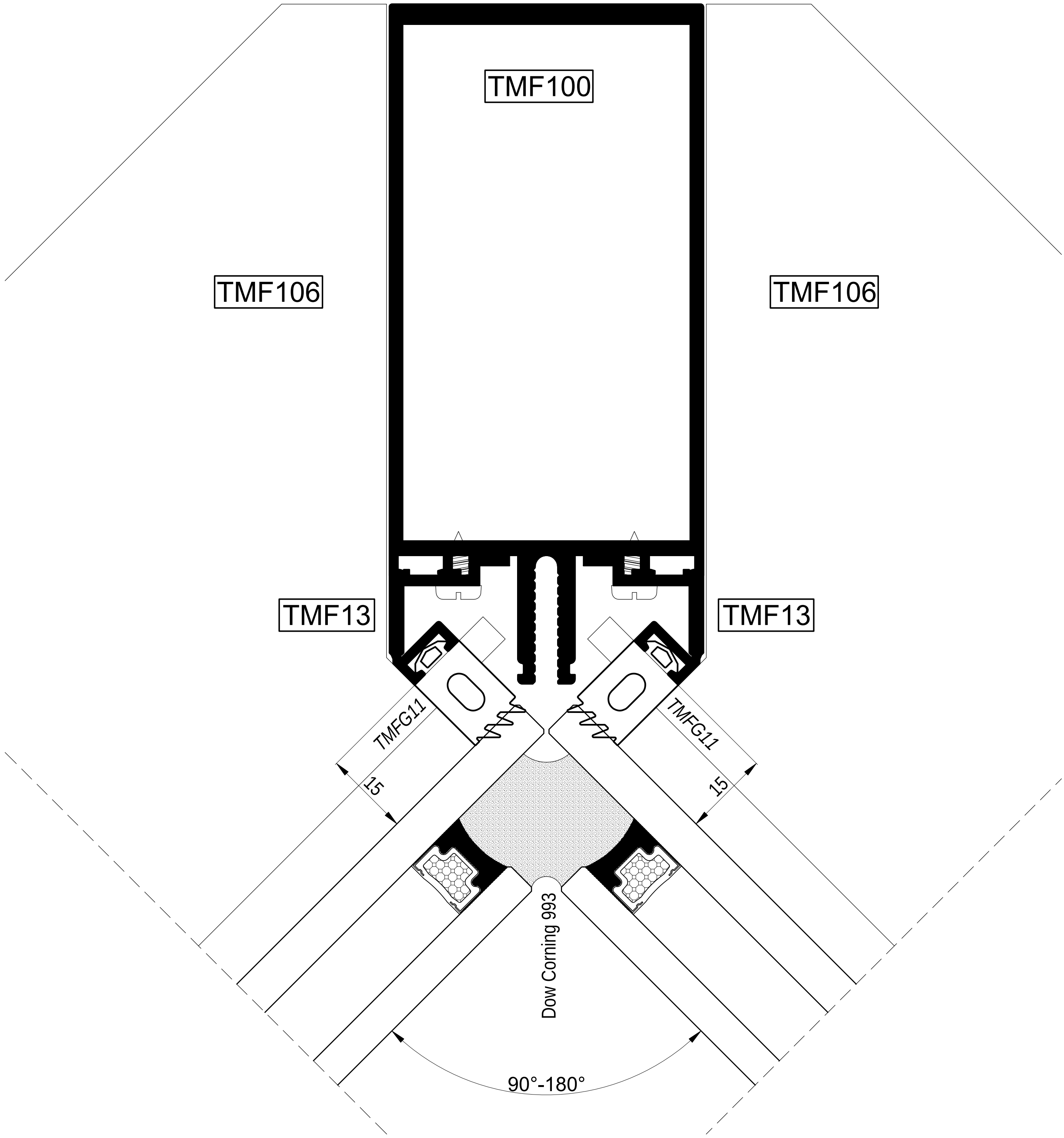
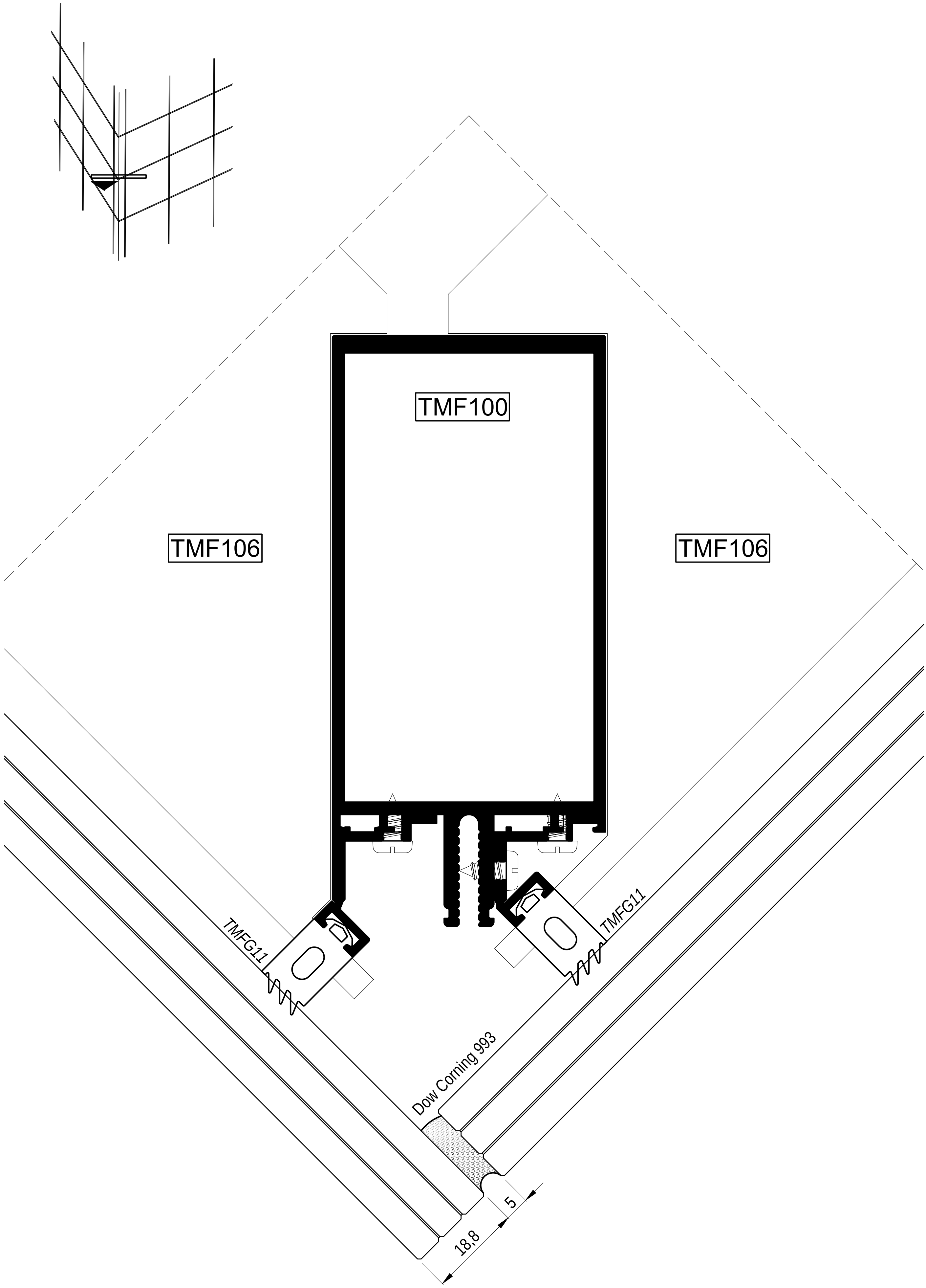
TMF4
55

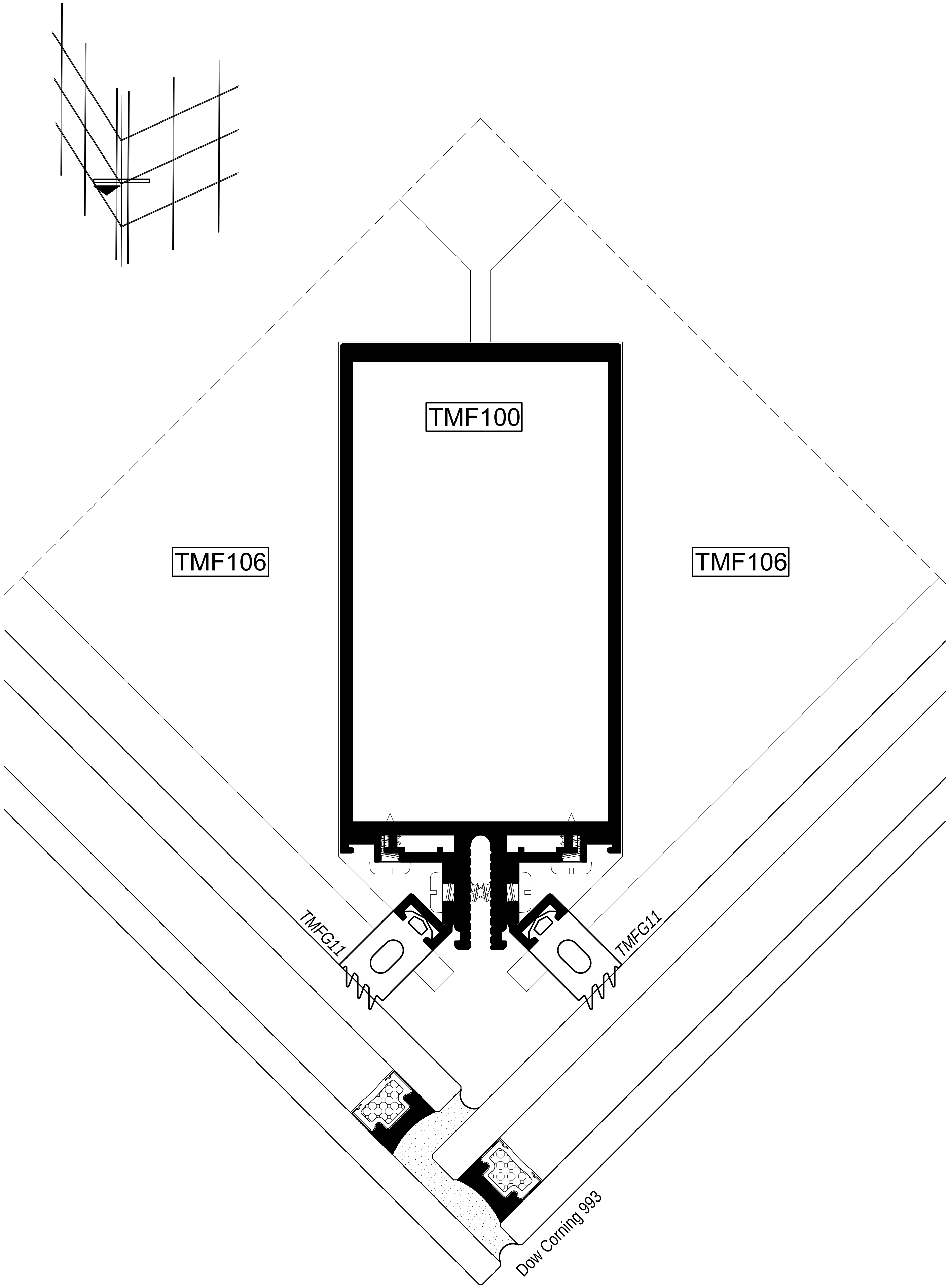


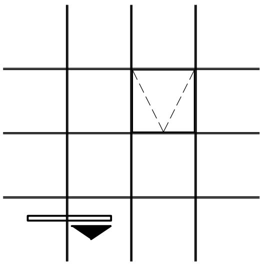

TMF24
TMF23
100
100
K2080
K2080
8°-80°
15
15
TMFG11
TMFG11
32
32
TMFL3
TMFL3
3,5
3,5
19,8
19,8
TMFG3
TMFG3
TMFG3
TMFG3
TMF5
TMF5
TMF33
TMF33
TMF4
TMF4
55
55

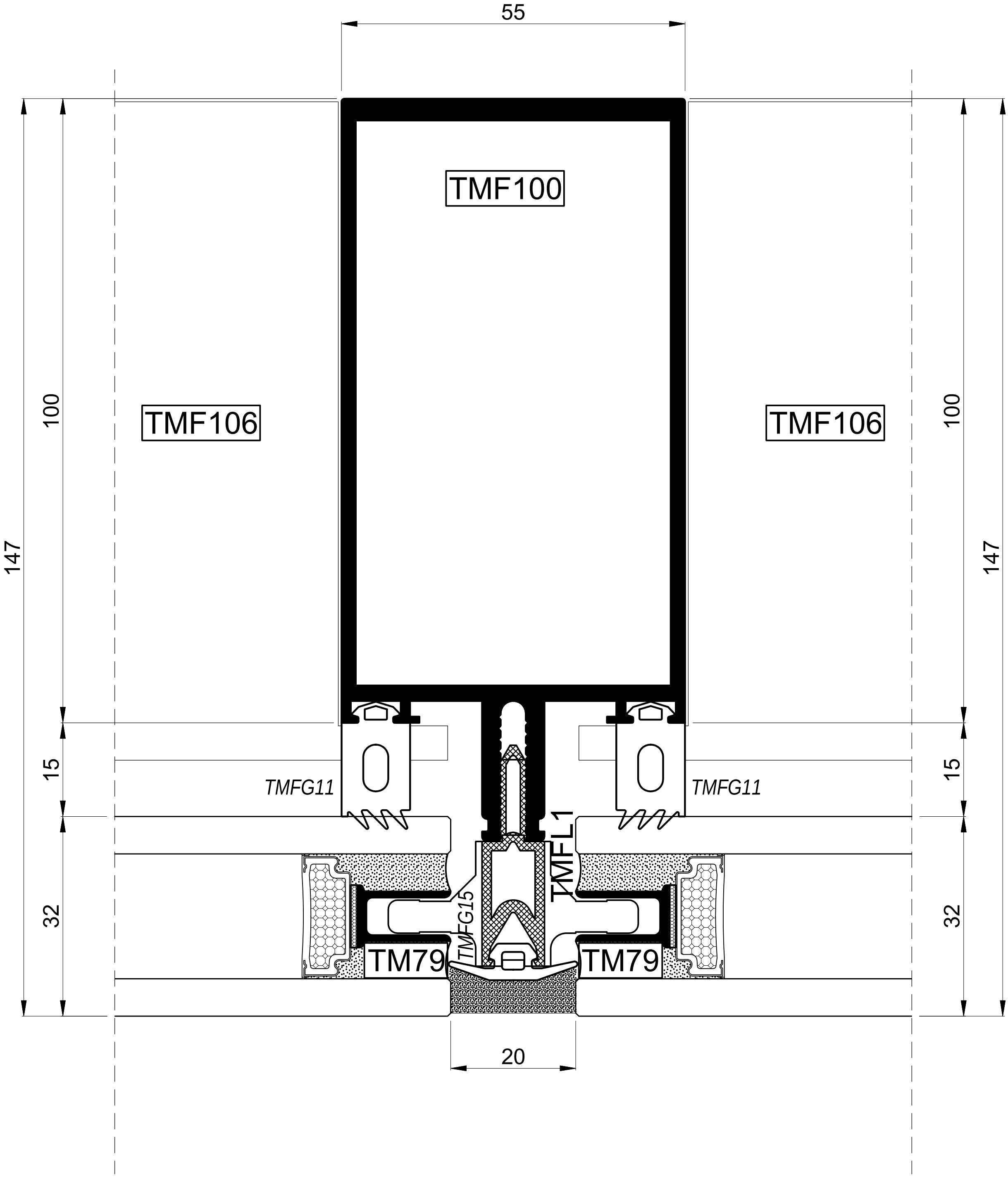


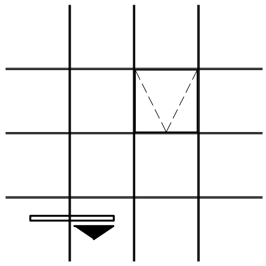

TMF100
TMF106
TMF106
TMF13
TMF13
TMFG11
TMFG11
15
15
Dow Corning 993
90°-180°

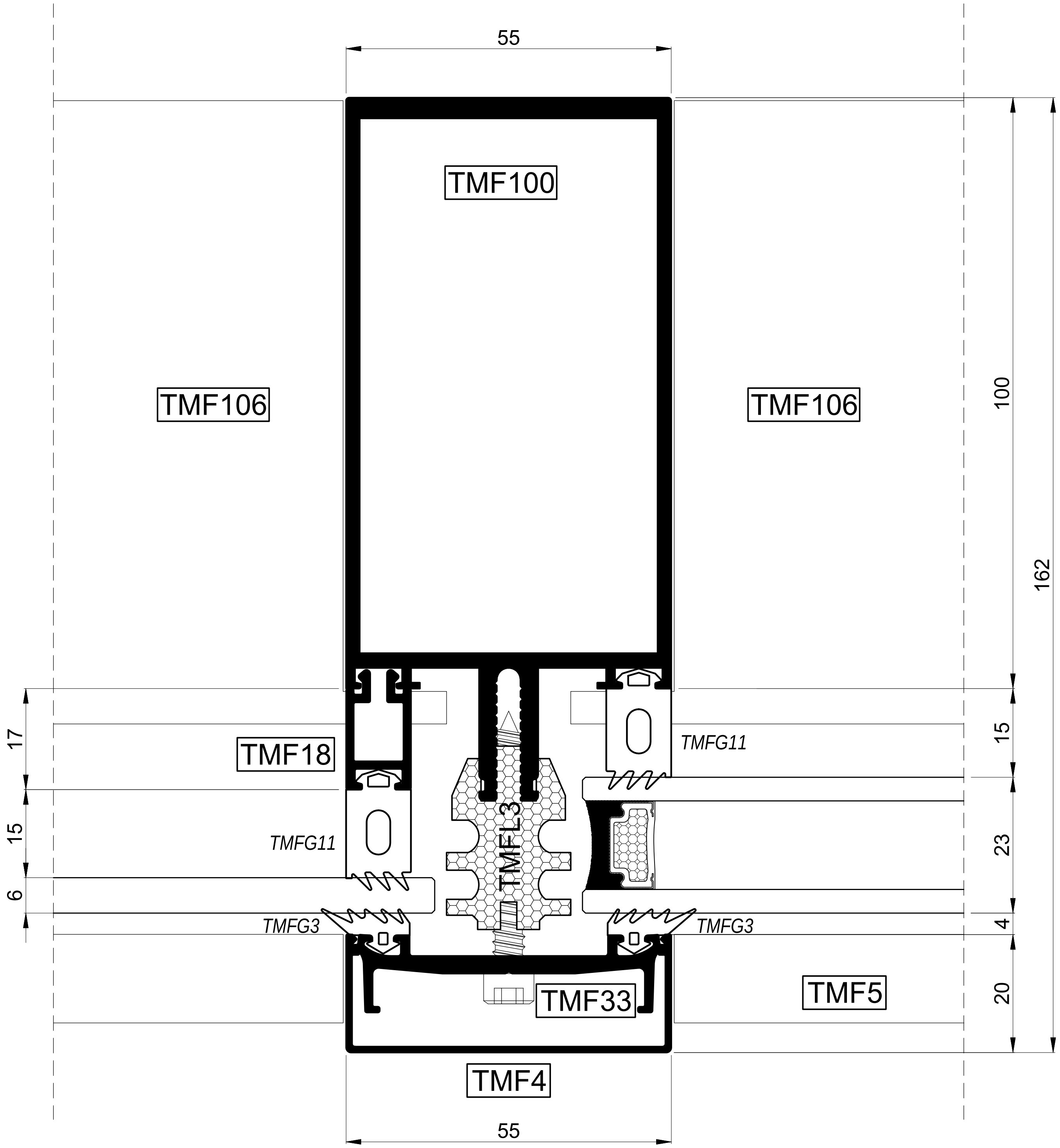

TMF100
TMF106
TMF106
TMFG11
TMFG11
Dow Corning 993
5
18,8

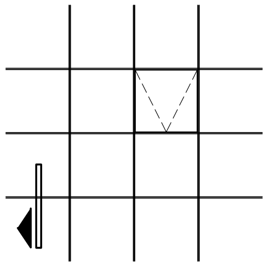

TMF100
TMF106
TMF106
TMFG11
TMFG11
Dow Corning 993

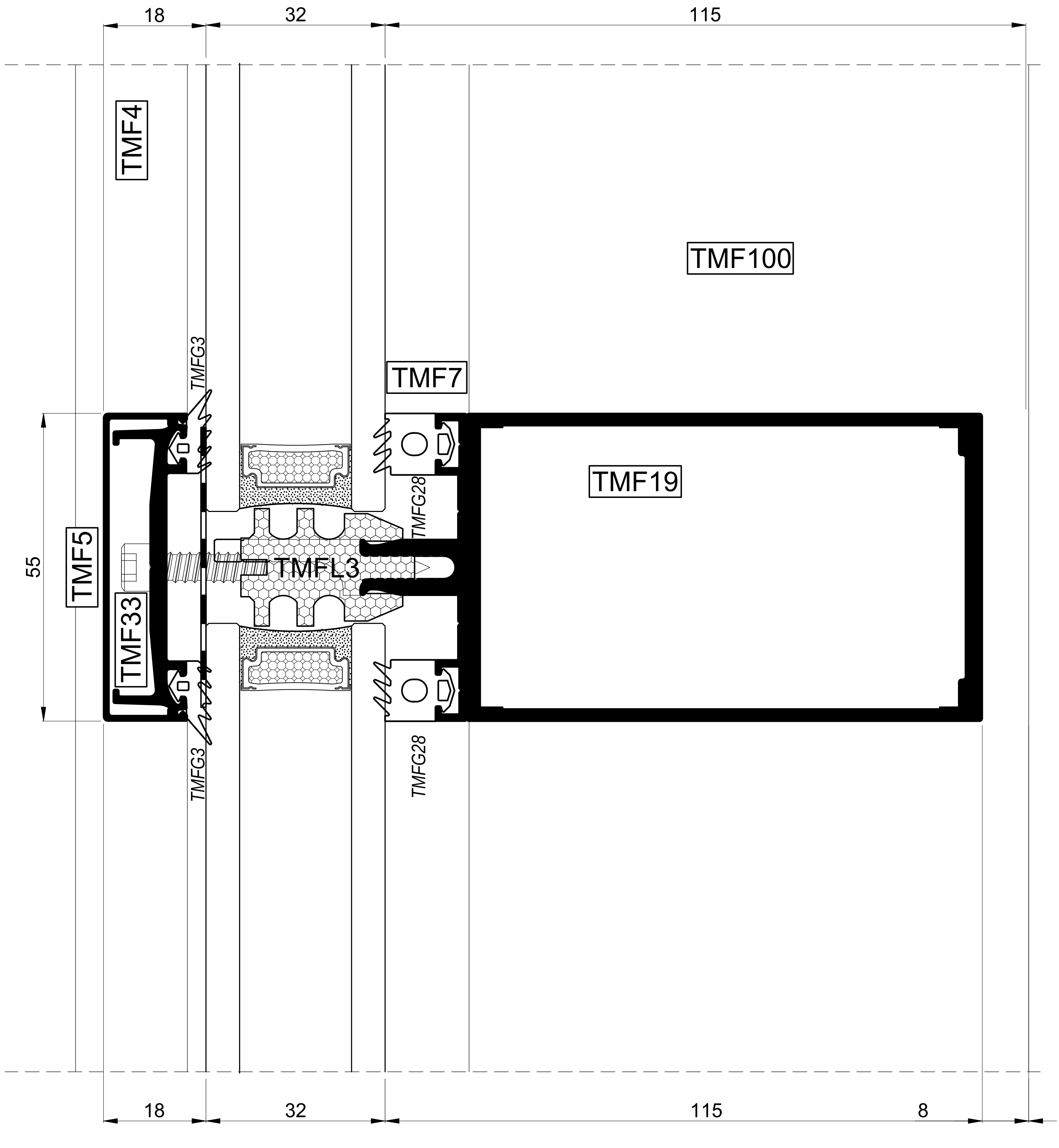


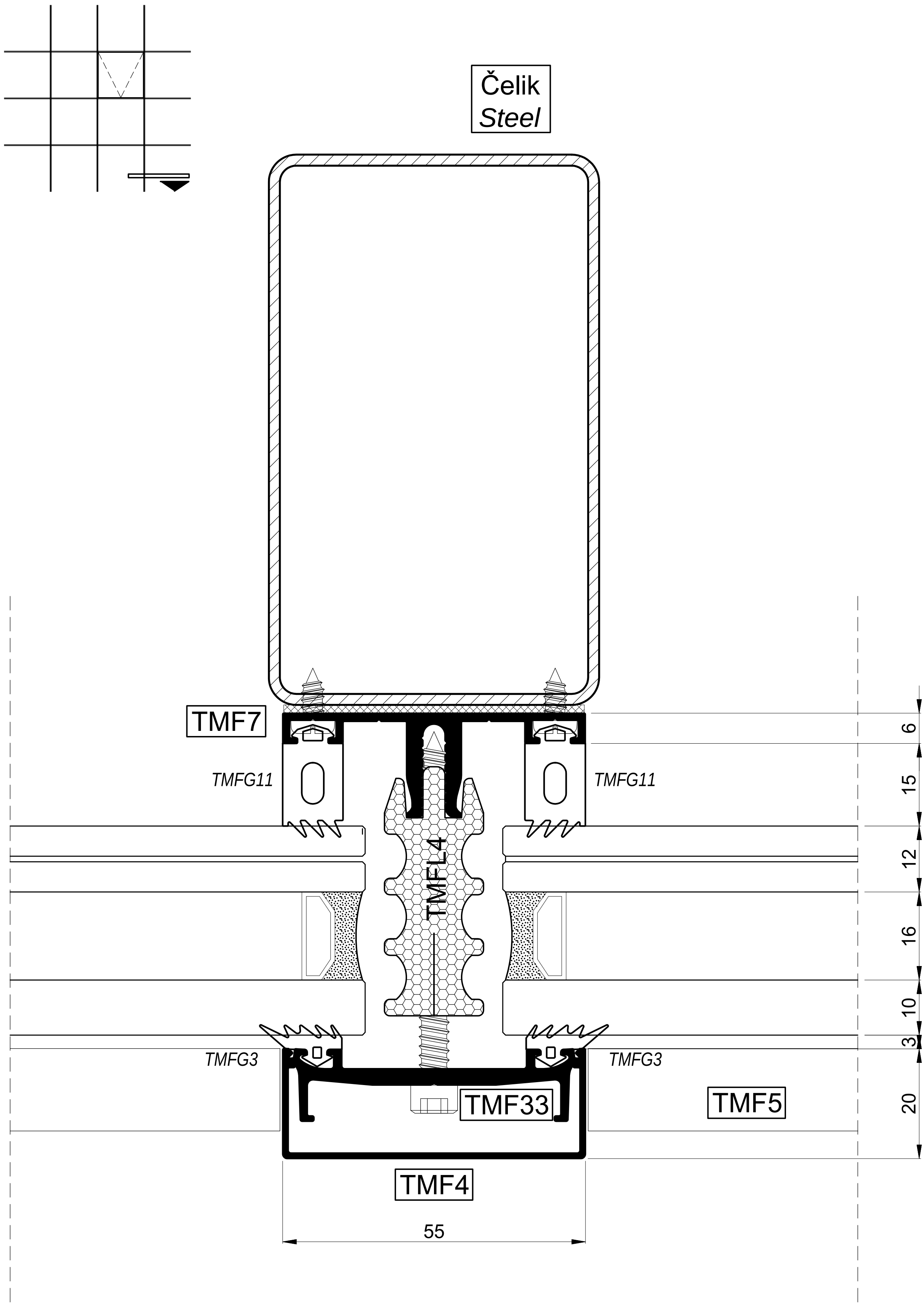

55
TMF100
TMF106
TMF106
100
147
100
147
15
15
TMFG11
TMFG11
32
32
TMFL1
TMFG15
TM79
TM79
20

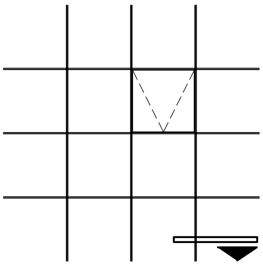


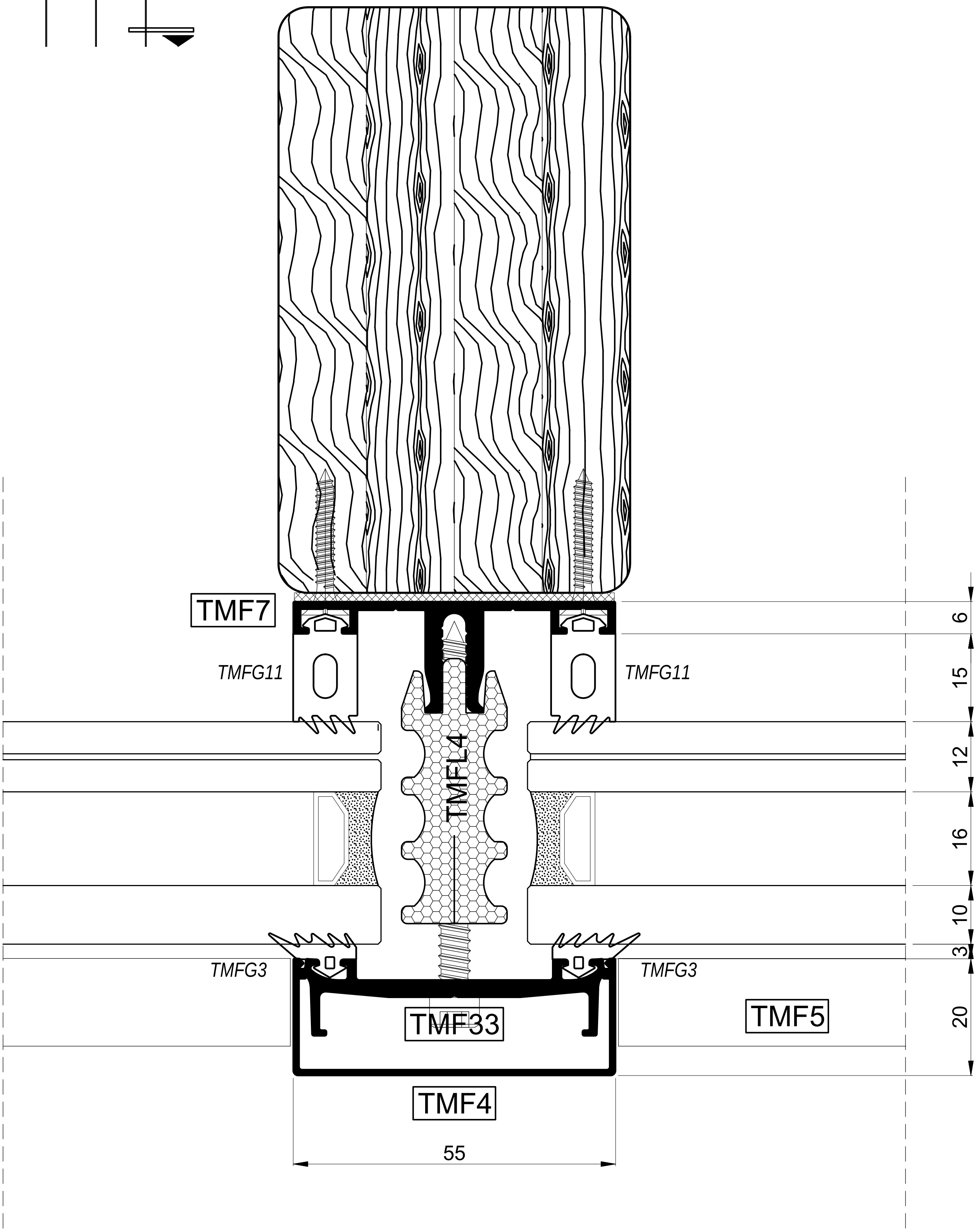

55
TMF100
TMF106
TMF106
100
162
17
TMF18
TMFG11
15
TMFG11
TMFL3
15
23
6
TMFG3
TMFG3
4
TMF33
TMF5
20
TMF4
55




18
32
115
TMF4
TMF100
TMFG3
TMF7
TMF19
TMFG28
TMF5
55
TMFL3
TMF33
TMFG3
TMFG28
18
32
115
8


Čelik
Steel
TMF7
TMFG11
TMFG11
TMFL4
TMFG3
TMFG3
TMF33
TMF5
TMF4
55
6
15
12
16
10
3
20



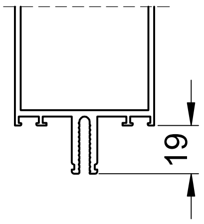

Drvo
Wood
TMF7
TMFG11
TMFG11
TMFL4
TMFG3
TMFG3
TMF33
TMF5
TMF4
6
15
12
16
10
3
20
55

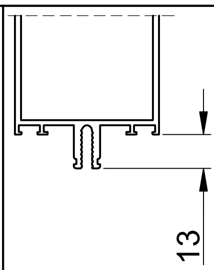
Mašinska obrada
Machining
Обработка

&

Sklapanje
Assembly
Ассамблея

ALUMINIK CS55

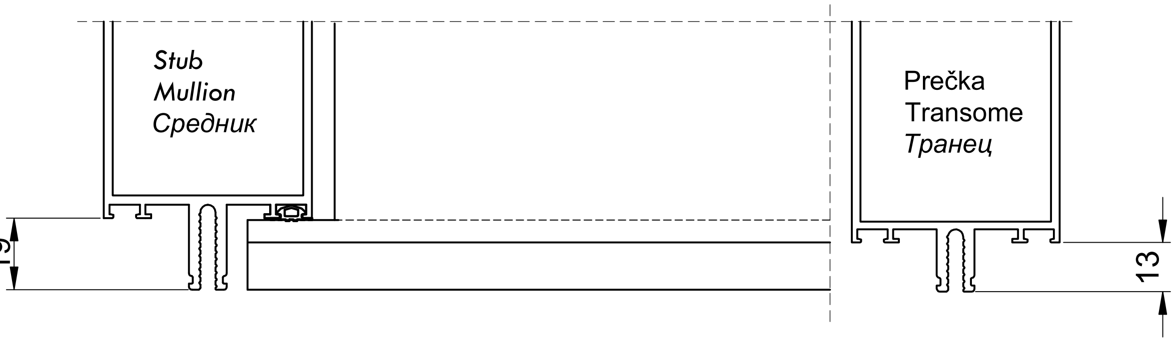
Stub Mullion Средник		
G1		TMF75 TMF100 TMF125 TMF150 TMF175

Prečka Transom Транец		
G2		TMF2 TMF21 TMF106 TMF71 TMF156 TMF181

Stub/Prečka Mullion / Transome Средник / Транец		Stub/Mullion/Средник	
		G1	G2
Prečka/Transome/Транец	G1	B	X
	G2	A	C

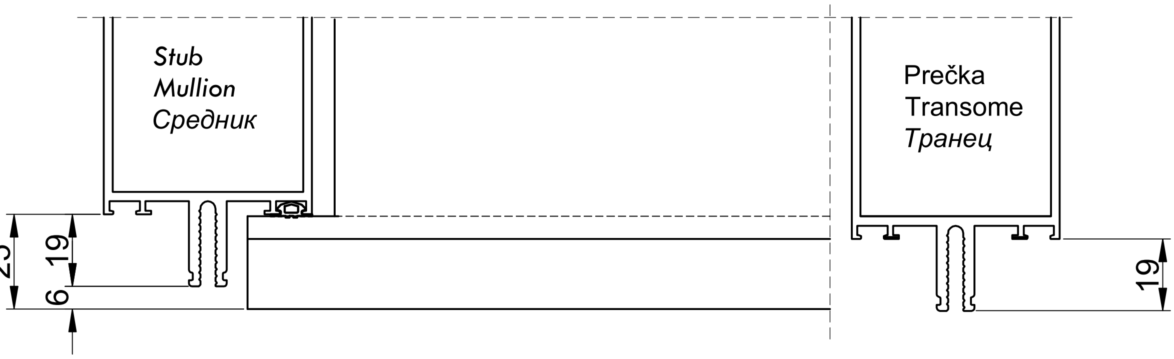
Primarna primena Stuba/Prečke na fasadi.
Primery application of the Mullion/Transom on the facade.
Основной применение в *Средник / Транец* на фасаде

A

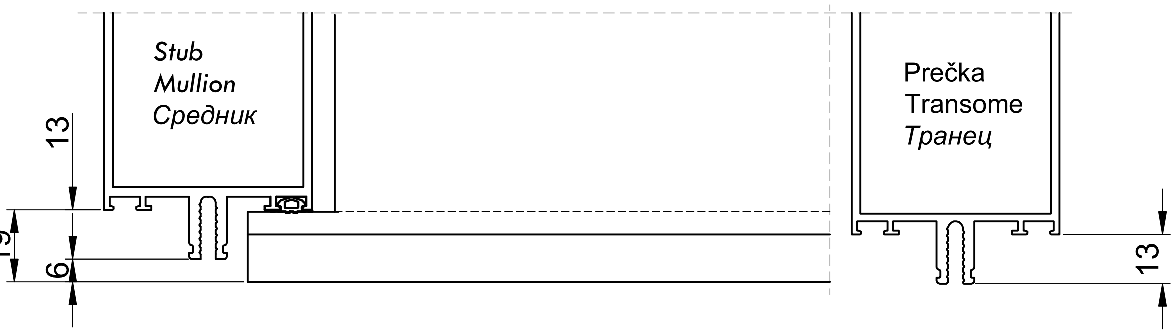


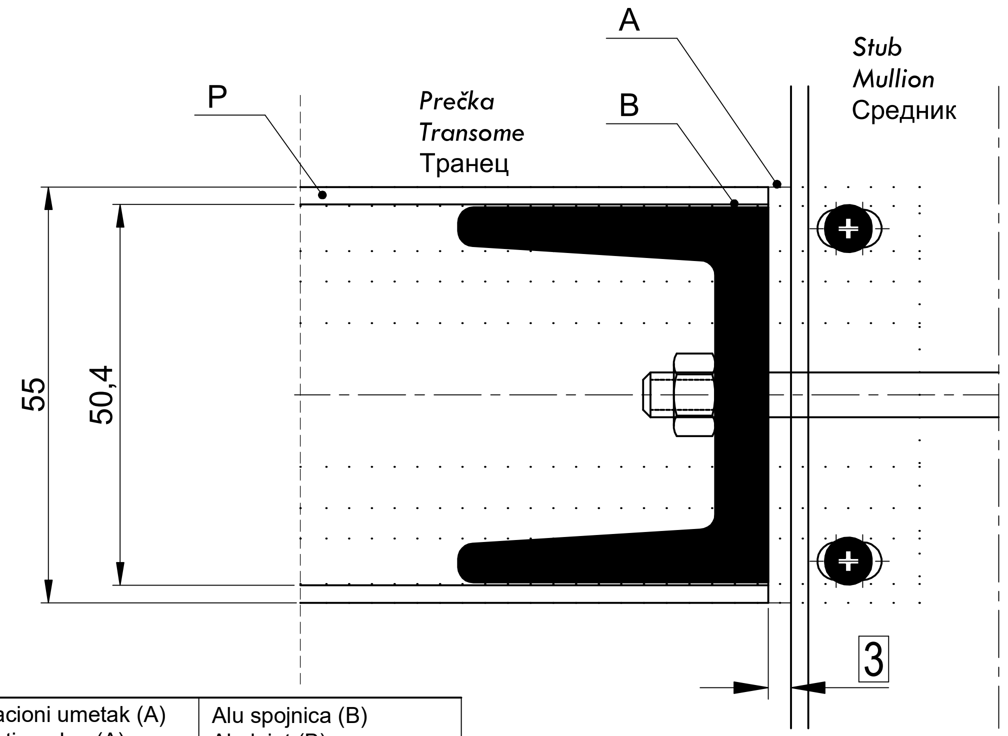
Opcija - Univerzalna primena Stuba/Prečke na fasadi.
Option - Universal application of the Mullion/Transom on the facade.
Вариант - Универсальное применение в *Средник / Транец* на фасаде

B

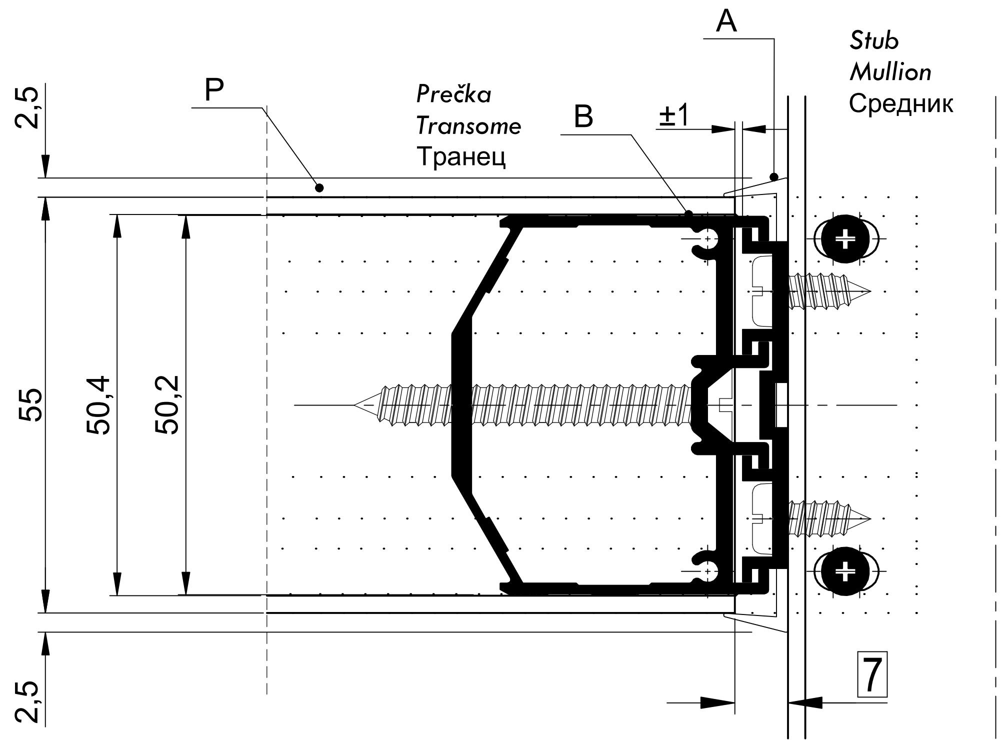


C

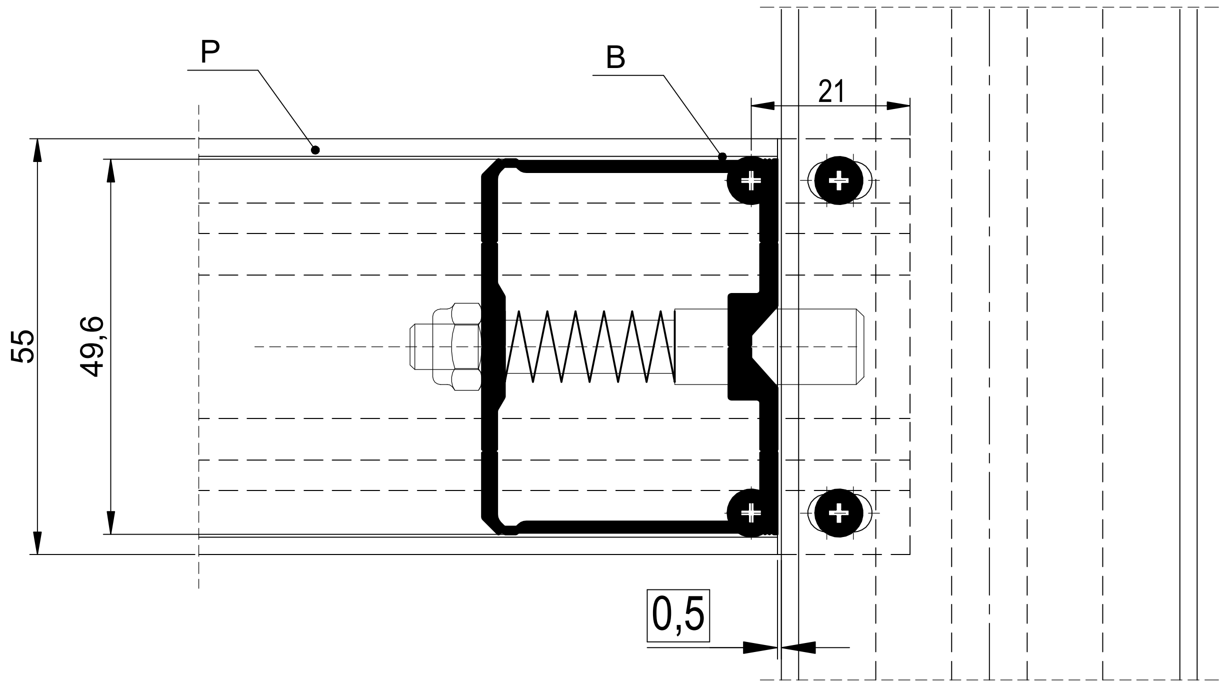




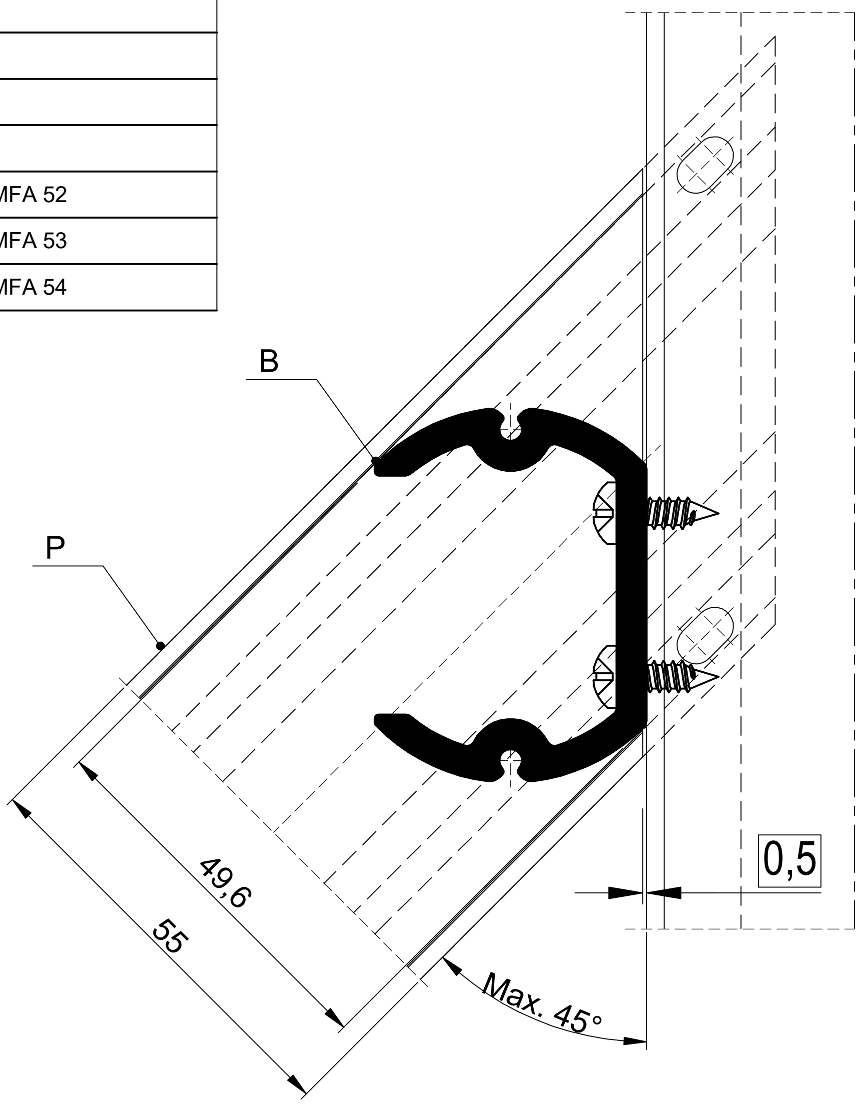
Prečka (P) Transome (P) Транец (P)	Dilatacioni umetak (A) Dilatation plug (A) Дилатации вставка (A)	Alu spojnica (B) Alu joint (B) Алю соединение (B)
TMF 2	TMFA 4	TMFG 8
TMF 21	TMFA 3	TMFG 7



Prečka (P) Transome(P) Транец (P)	Dilatacioni umetak (A) Dilatation plug (A) Дилатации вставка (A)	Alu spojnica (B) Alu joint (B) Алю соединение (B)
TMF 2	TMFP 9	TMFA 6
TMF 21	TMFP 10	TMFA 7
TMF 71	TMFP 11	TMFA 8



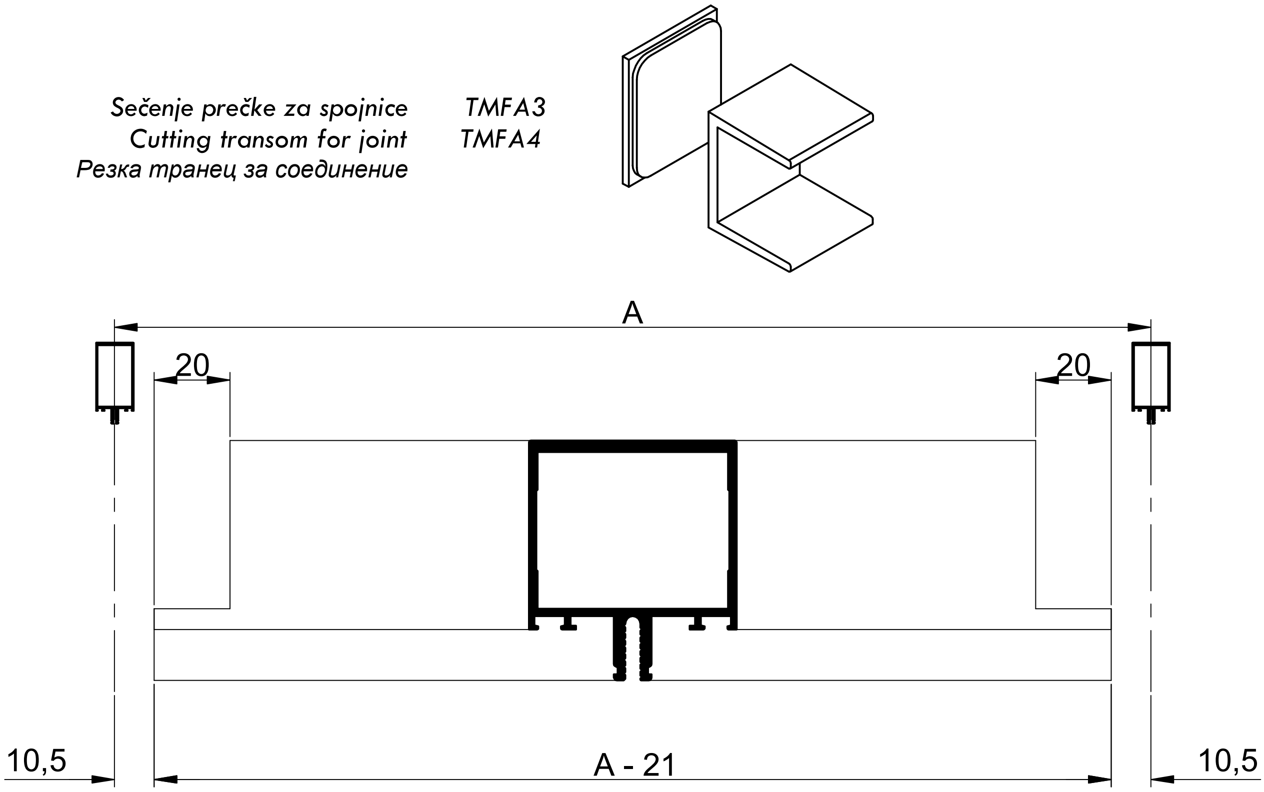
Prečka (P) Transome(P) Транец (P)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Alu spojnica (B) Alu joint (B) Алю соединение (B)
TMF 2	TMFA 44	
TMF 81	TMFA 45	
TMF 21	TMFA 46	
TMF 106	TMFA 47	
TMF 131	TMFA 48	
TMF 71	TMFA 49	TMFA 52
TMF 156	TMFA 50	TMFA 53
TMF 181	TMFA 51	TMFA 54



Prečka (P) Transome(P) Транец (P)	Alu spojnica (B) Alu joint (B) Алю соединение (B)
TMF 2	TMFA 34
TMF 81	TMFA 35
TMF 21	TMFA 36
TMF 106	TMFA 37
TMF 131	TMFA 38
TMF 71	TMFA 39
TMF 156	TMFA 40
TMF 181	TMFA 41

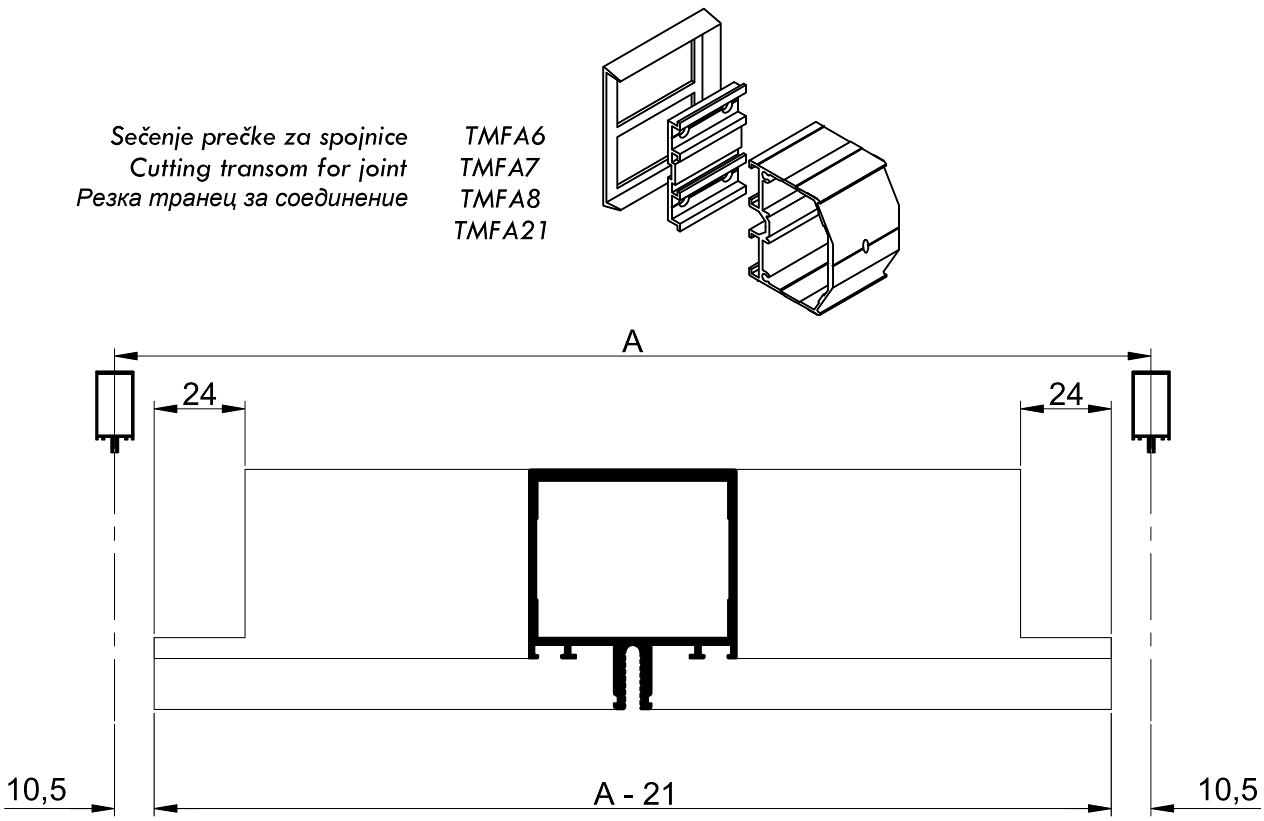
Sečenje prečke za spojnice
Cutting transom for joint
Резка транец за соединение

TMFA3
TMFA4



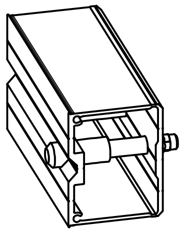
Sečenje prečke za spojnice
Cutting transom for joint
Резка транец за соединение

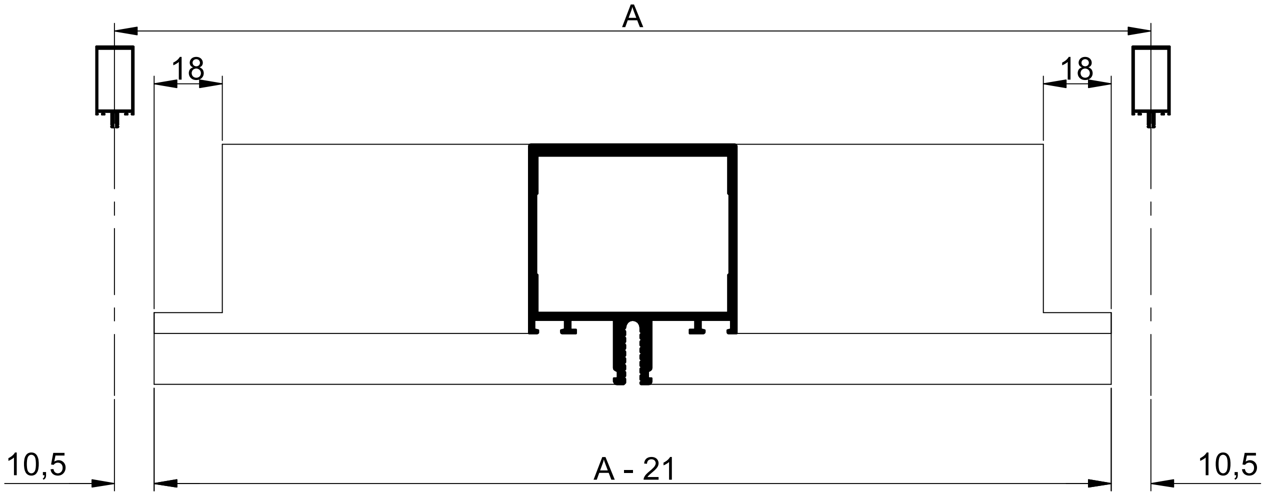
TMFA6
TMFA7
TMFA8
TMFA21



Sečenje prečke za spojnice
Cutting transom for joint
Резка транец за соединение

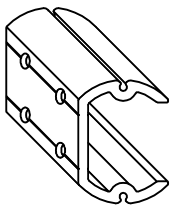
TMFA44 TMFA45 TMFA46 TMFA47 TMFA48 TMFA49 TMFA50 TMFA51 TMFA52 TMFA53 TMFA54

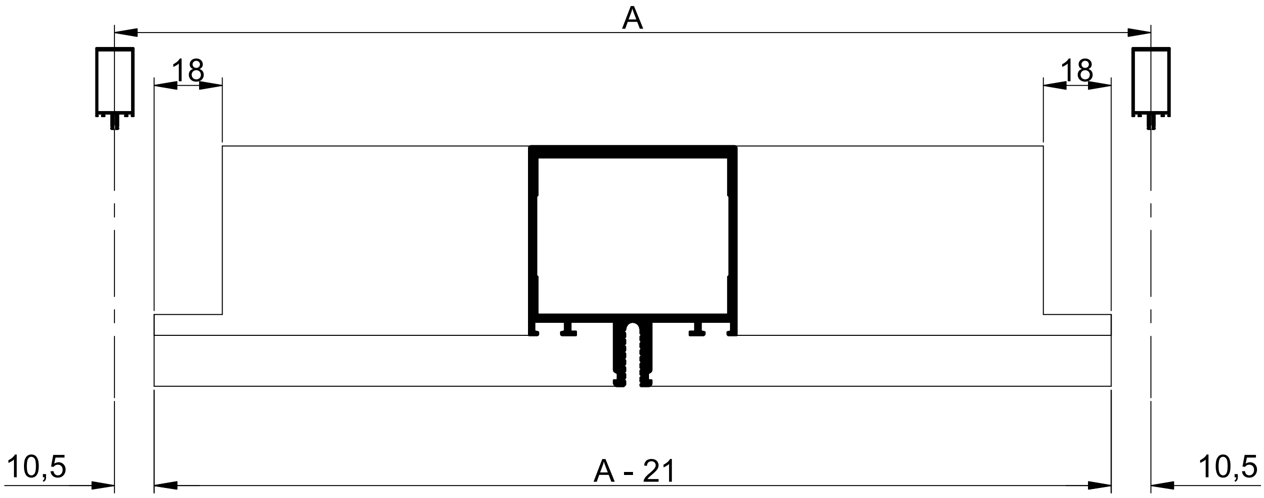


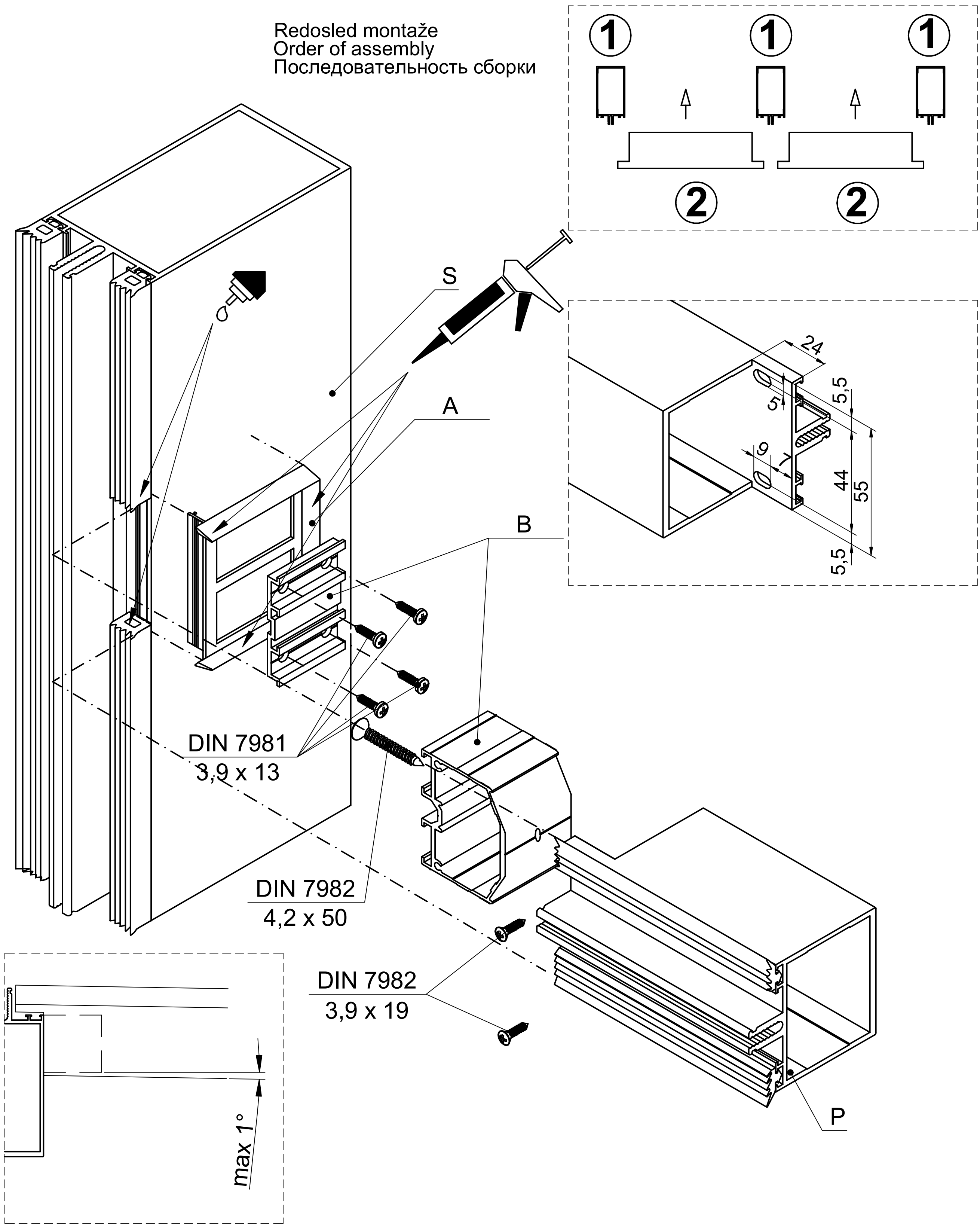


Sečenje prečke za spojnice
Cutting transom for joint
Резка транец за соединение

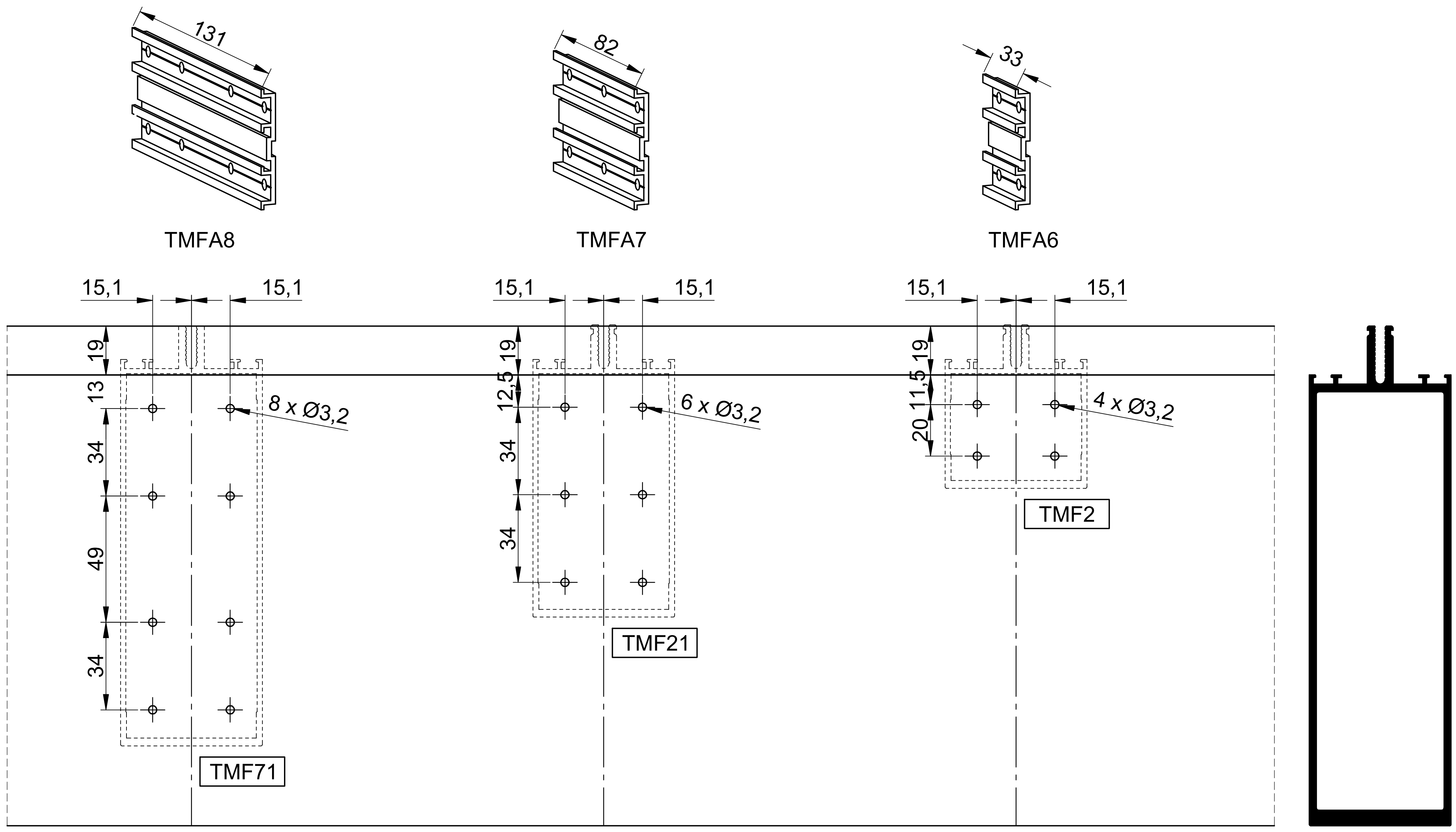
TMFA34 TMFA35 TMFA36 TMFA37 TMFA38 TMFA39 TMFA40 TMFA41

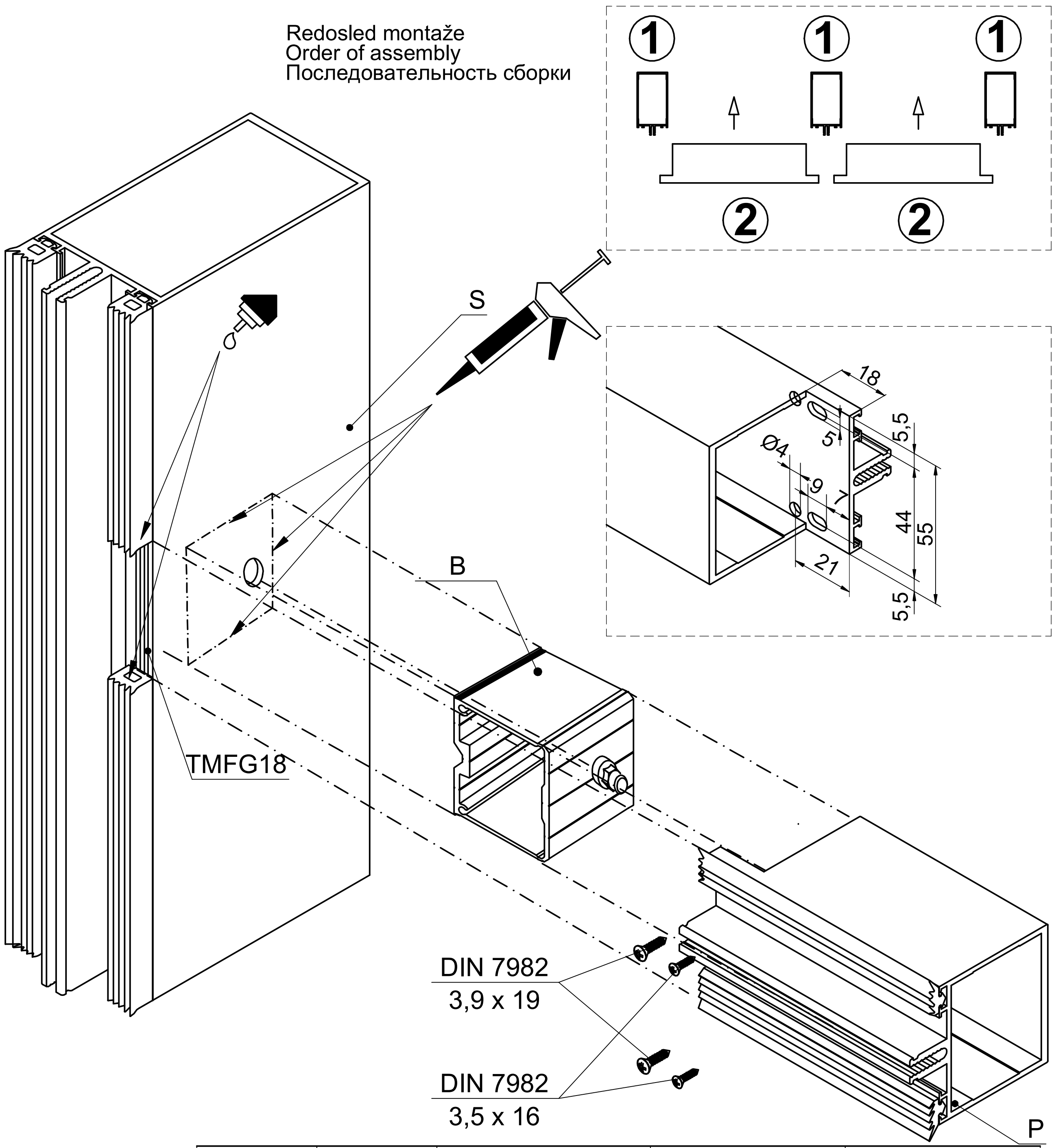




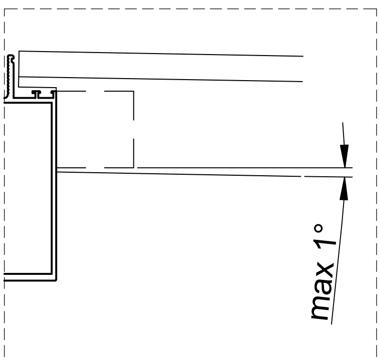


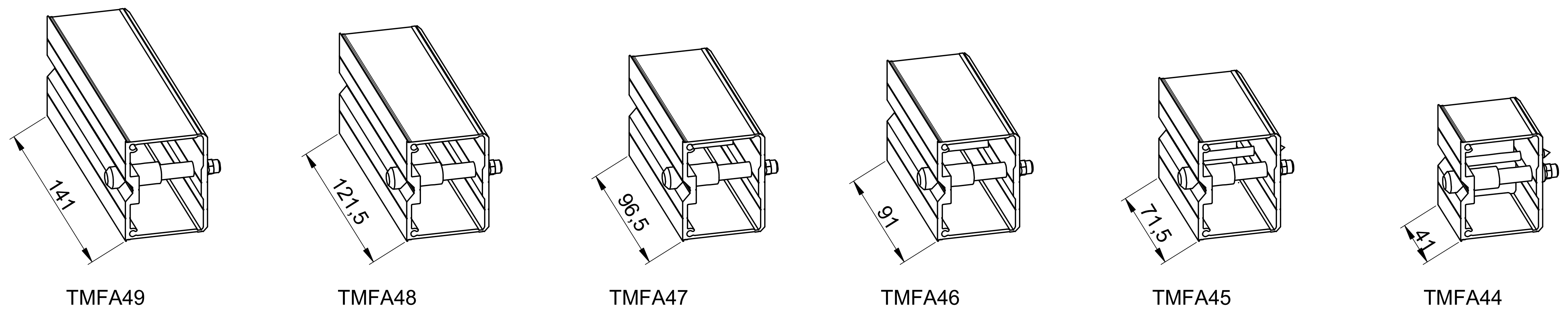
Stub (S) Mullion(S) Средник (S)	Prečka (P) Transome(P) Транец (P)	Dilatacioni umetak (A) Dilatation plug (A) Дилатации вставка (A)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Vijak DIN 7981 Screw DIN 7981 Винт DIN 7981	Vijak DIN 7982 Screw DIN 7982 Винт DIN 7982
TMF 75 TMF 100 TMF 125 TMF 150 TMF 175	TMF 2	TMFP 9	TMFA 6	3,9 x 13 - 4 kom.	3,9 x 19 - 2 kom.
	TMF 21	TMFP 10	TMFA 7	3,9 x 13 - 6 kom.	3,9 x 19 - 2 kom.
	TMF 71	TMFP 11	TMFA 8	3,9 x 13 - 8 kom.	3,9 x 19 - 2 kom.

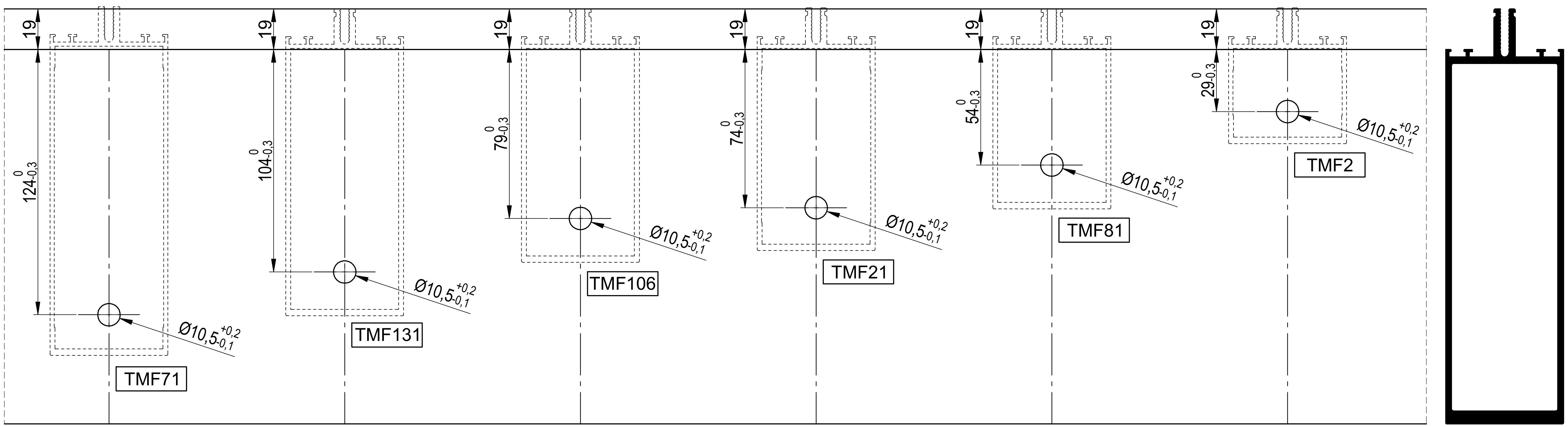

131
82
33
TMFA8
TMFA7
TMFA6
15,1
15,1
15,1
15,1
15,1
15,1
19
13
34
49
34
8 x Ø3,2
19
12,5
34
34
6 x Ø3,2
19
11,5
20
4 x Ø3,2
TMF71
TMF21
TMF2

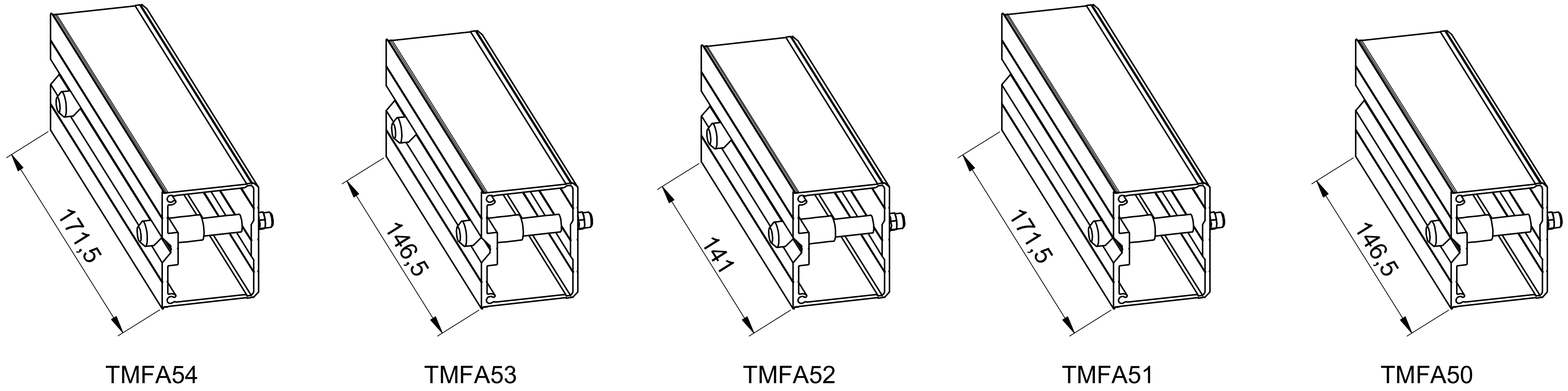


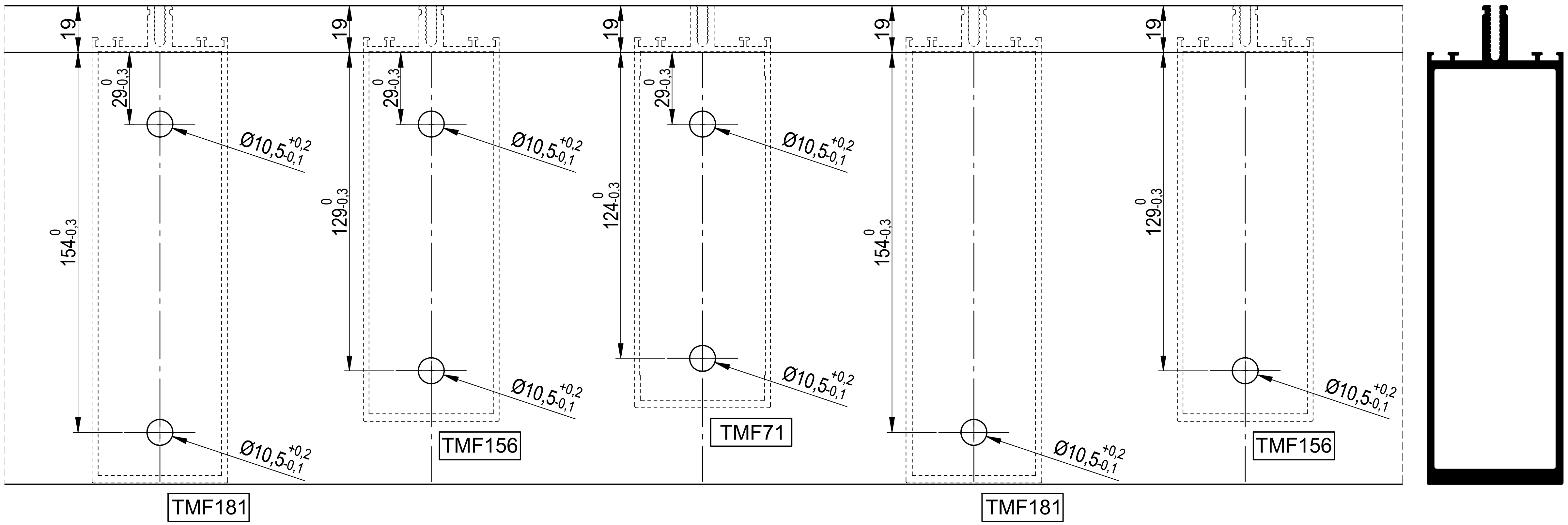
Stub (S) Mullion(S) Средник (S)	Prečka (P) Transome(P) Транец (P)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Vijak DIN 7982 Screw DIN 7982 Винт DIN 7982	Vijak DIN 7982 Screw DIN 7982 Винт DIN 7982
TMF 75 TMF 100 TMF 125 TMF 150 TMF 175	TMF 2	TMFA 44	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 81	TMFA 45	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 21	TMFA 46	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 106	TMFA 47	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 131	TMFA 48	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 71	TMFA 49	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 156	TMFA 50	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 181	TMFA 51	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 71	TMFA 52	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 156	TMFA 53	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.
	TMF 181	TMFA 54	3,9 x 19 - 2 kom.	3,5 x 16 - 2 kom.



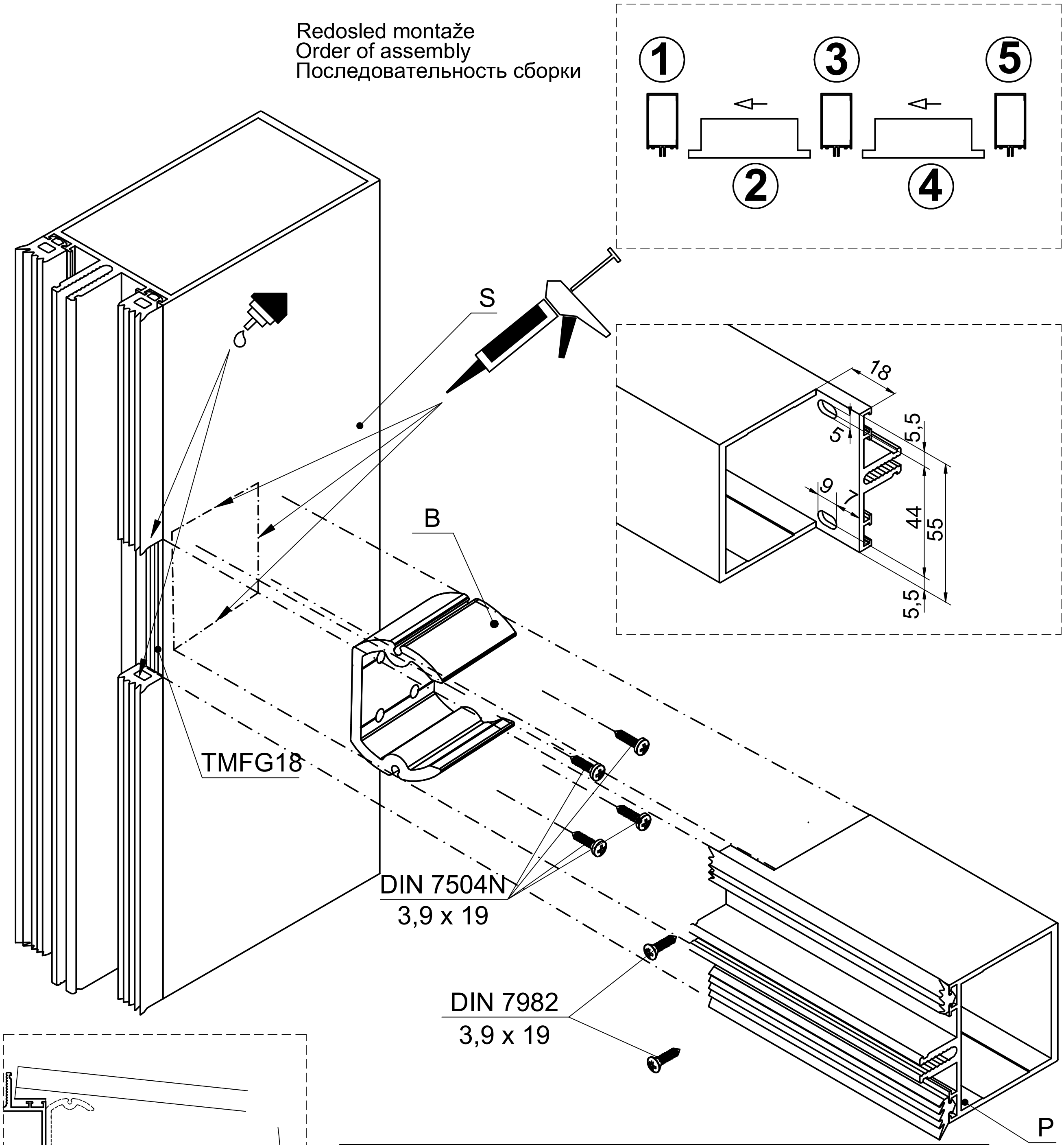

141
121,5
96,5
91
71,5
41
TMFA49
TMFA48
TMFA47
TMFA46
TMFA45
TMFA44

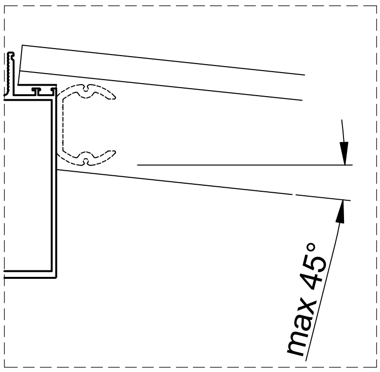

19
$124^{0}_{-0,3}$
$104^{0}_{-0,3}$
$79^{0}_{-0,3}$
$74^{0}_{-0,3}$
$54^{0}_{-0,3}$
$29^{0}_{-0,3}$
$Ø10,5^{+0,2}_{-0,1}$
TMF71
TMF131
TMF106
TMF21
TMF81
TMF2


171,5
146,5
141
171,5
146,5
TMFA54
TMFA53
TMFA52
TMFA51
TMFA50

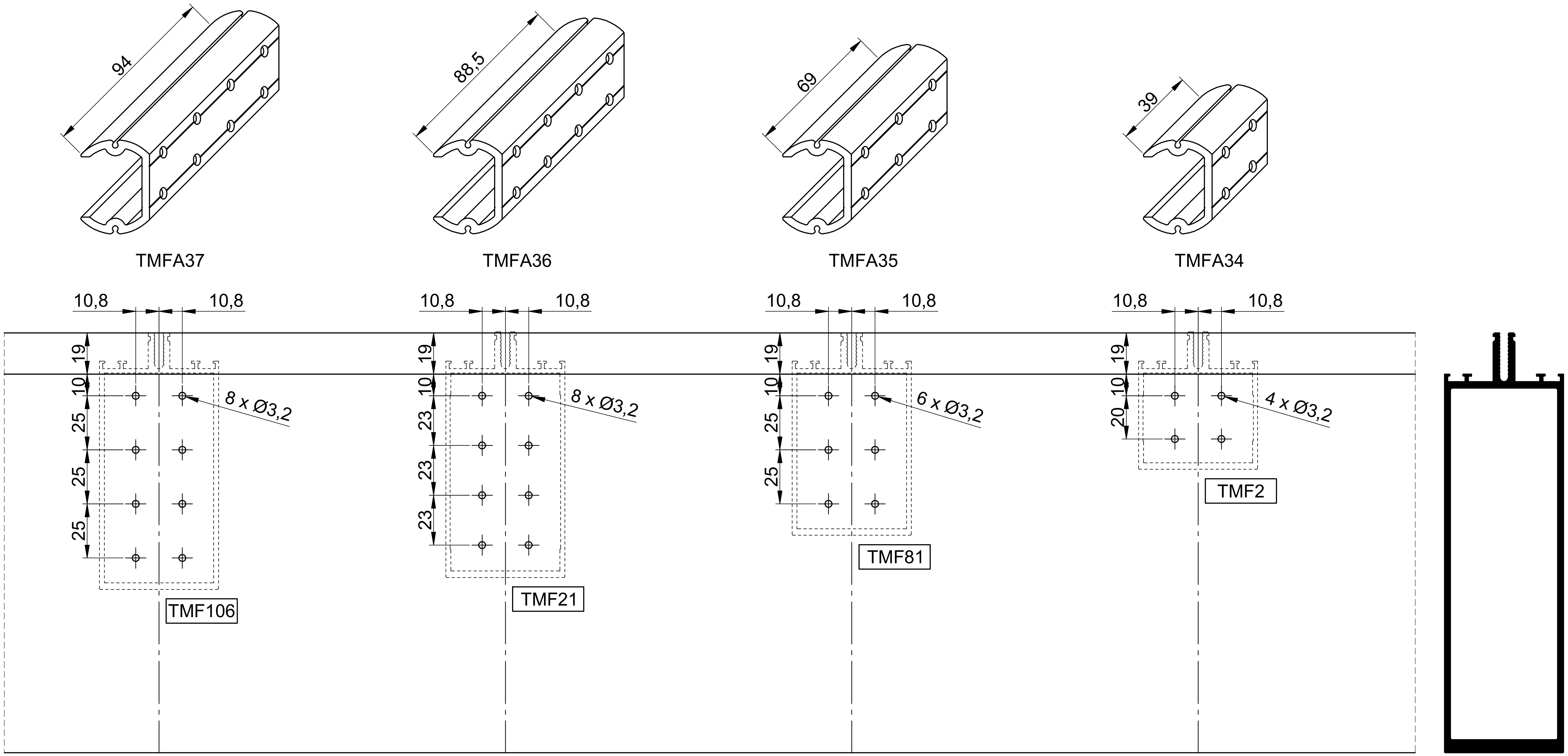

19
$29^{0}_{-0,3}$
$154^{0}_{-0,3}$
$129^{0}_{-0,3}$
$124^{0}_{-0,3}$
$Ø10,5^{+0,2}_{-0,1}$
TMF181
TMF156
TMF71
TMF181
TMF156

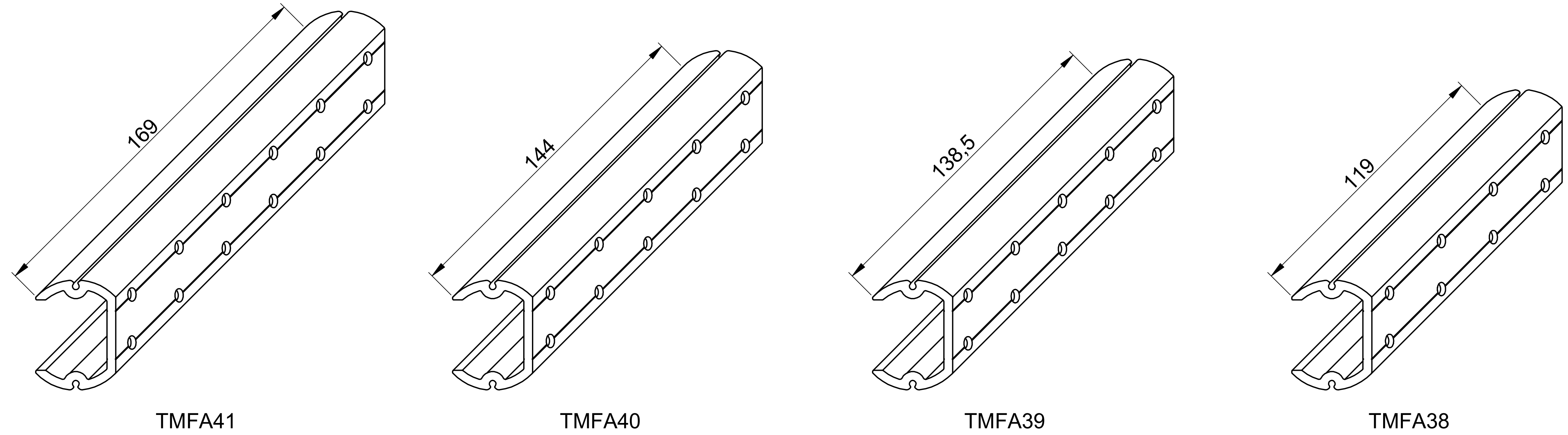
Redosled montaže
Order of assembly
Последовательность сборки

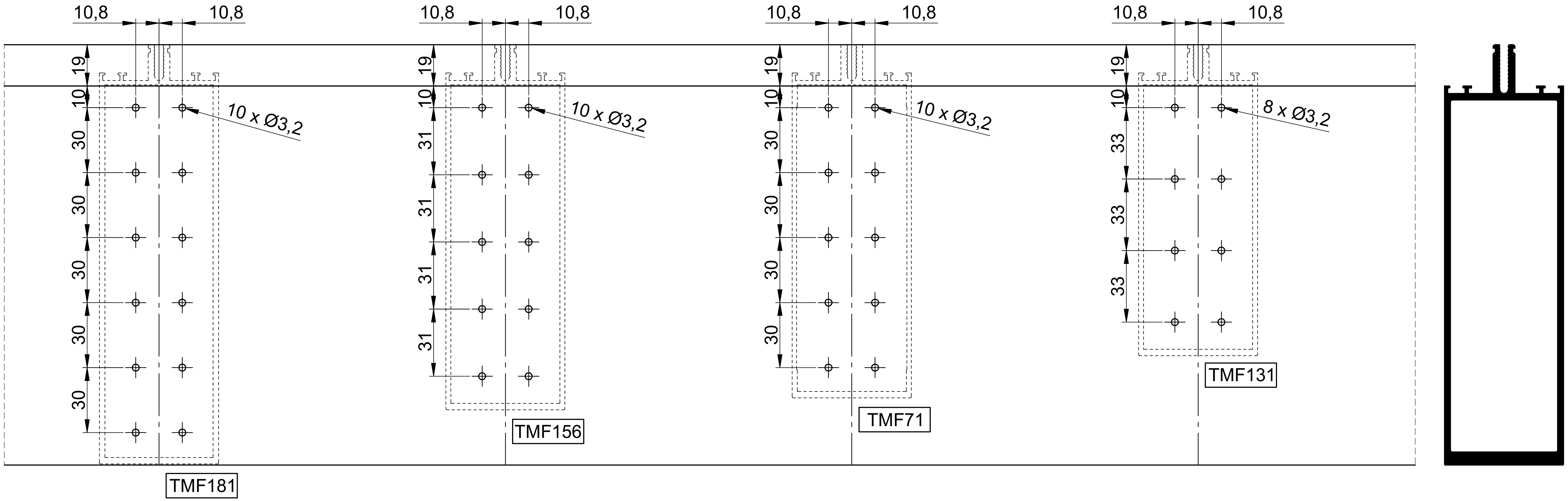


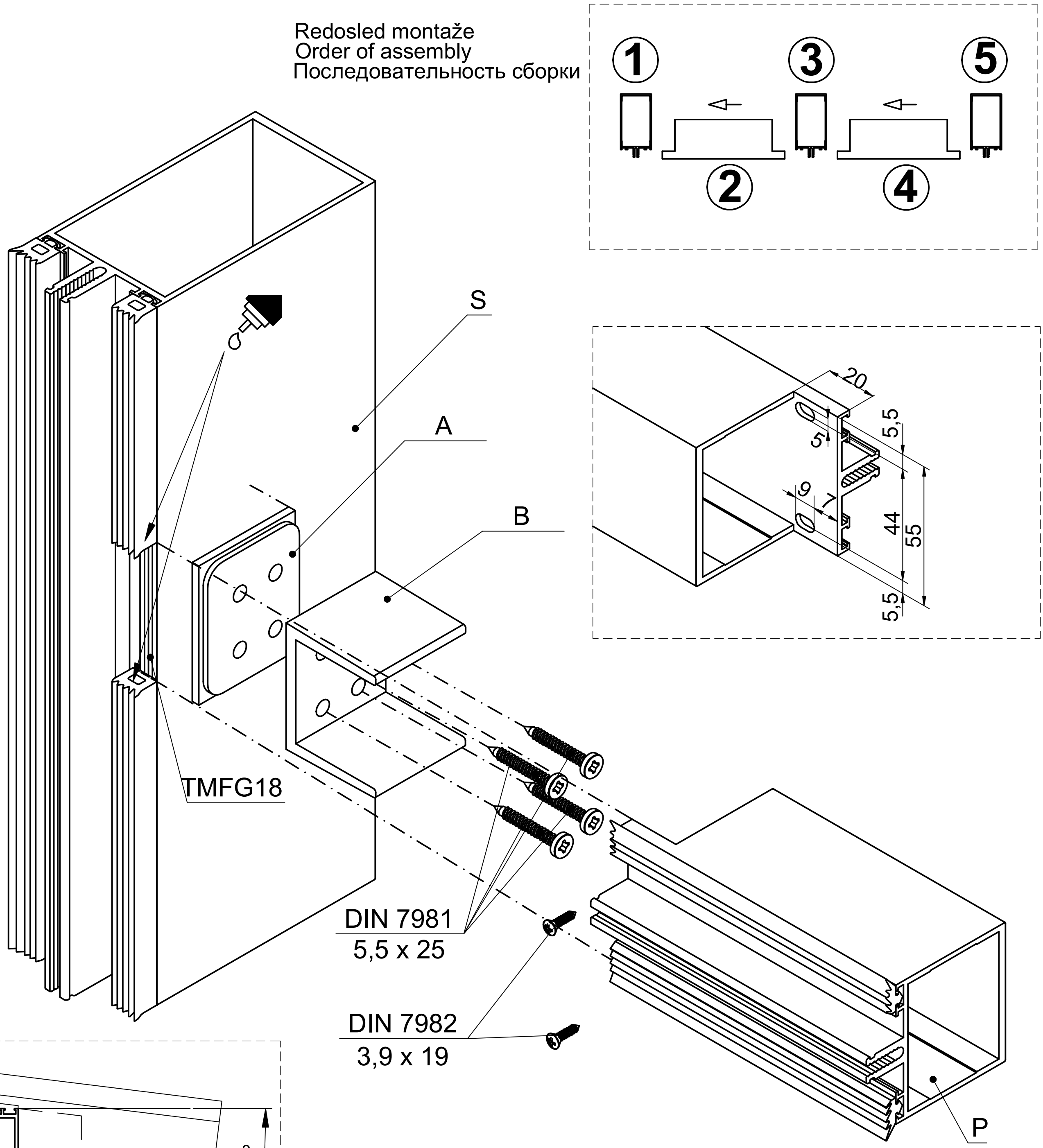


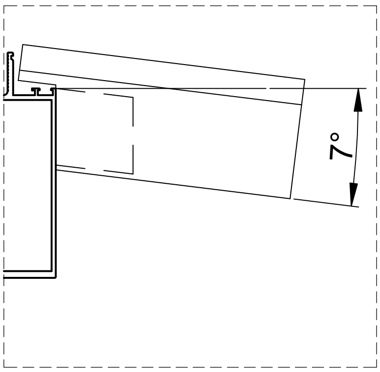
Stub (S) Mullion(S) Средник (S)	Prečka (P) Transome(P) Транец (P)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Vijak DIN 7982 Screw DIN 7982 Винт DIN 7982
TMF 75 TMF 100 TMF 125 TMF 150 TMF 175	TMF 2	TMFA 34	3,9 x 19 - 6 kom.
	TMF 81	TMFA 35	3,9 x 19 - 8 kom.
	TMF 21	TMFA 36	3,9 x 19 - 10 kom.
	TMF 106	TMFA 37	3,9 x 19 - 10 kom.
	TMF 131	TMFA 38	3,9 x 19 - 10 kom.
	TMF 71	TMFA 39	3,9 x 19 - 12 kom.
	TMF 156	TMFA 40	3,9 x 19 - 12 kom.
	TMF 181	TMFA 41	3,9 x 19 - 14 kom.


94
88,5
69
39
TMFA37
TMFA36
TMFA35
TMFA34
10,8
19
10
25
23
20
8 x Ø3,2
6 x Ø3,2
4 x Ø3,2
TMF106
TMF21
TMF81
TMF2


169
144
138,5
119
TMFA41
TMFA40
TMFA39
TMFA38


10,8
10,8
19
10
30
10 x Ø3,2
31
33
8 x Ø3,2
TMF181
TMF156
TMF71
TMF131





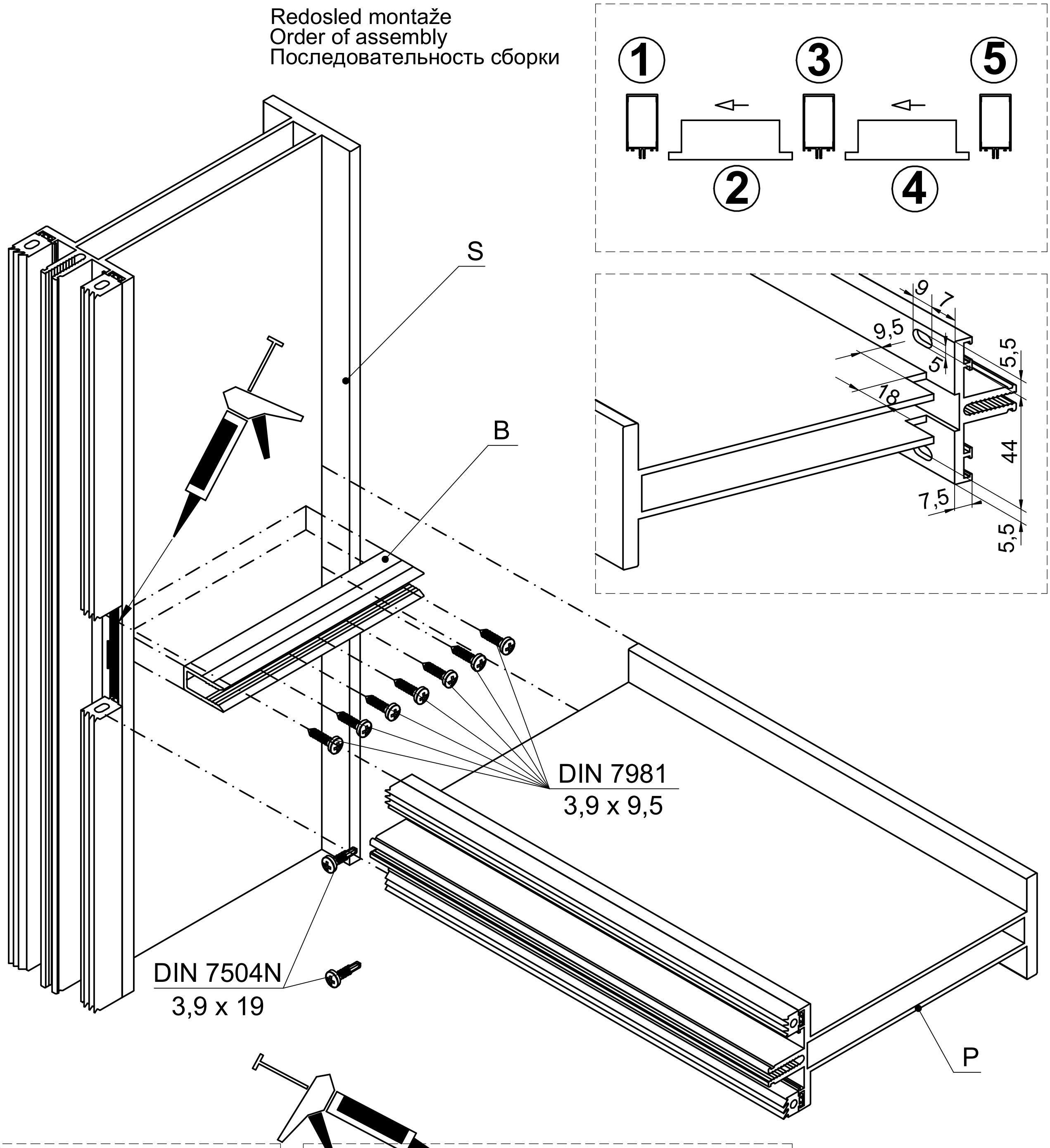
*Za uglove od 1° do 7° spojnicu seći od profila TM58

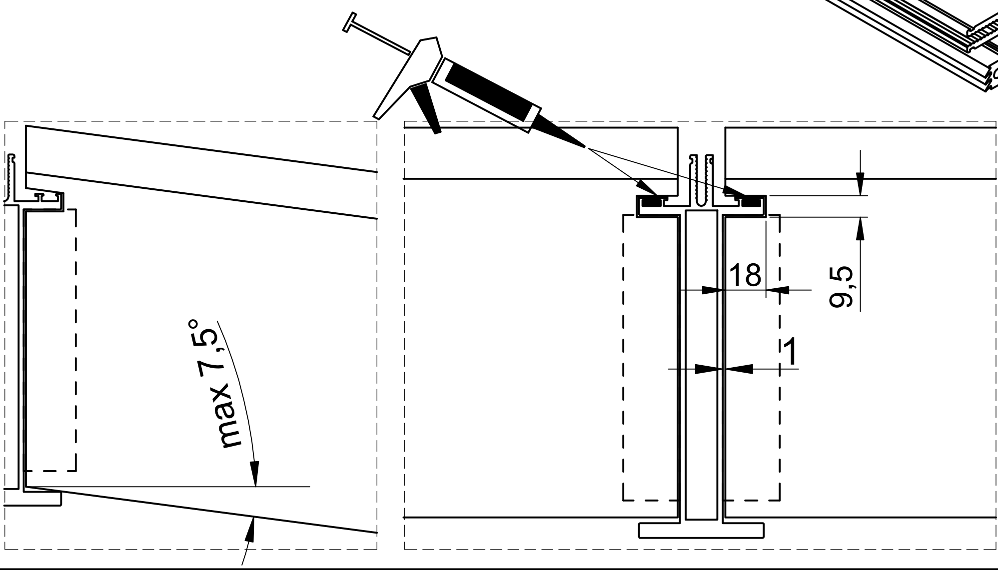
*For Angles from 1° to 7° cut joint from profile TM58

*Для углов от 1° до 7° соединение разрезе профилей TM58

Stub (S) Mullion(S) Средник (S)	Prečka (P) Transome (P) Транец (P)	Dilatacioni umetak (A) Dilatation plug (A) Дилатации вставка (A)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Vijak DIN 7982 Screw DIN 7982 Винт DIN 7982	Vijak DIN 7981 Screw DIN 7981 Винт DIN 7981
TMF 75 TMF 100 TMF 125 TMF 150 TMF 175	TMF 2	TMFA 4	TMFG 8	3,9 x 19 - 2 kom.	5,5 x 25 - 4 kom.
	TMF 21	TMFA 3	TMFG 7	3,9 x 19 - 2 kom.	5,5 x 25 - 4 kom.

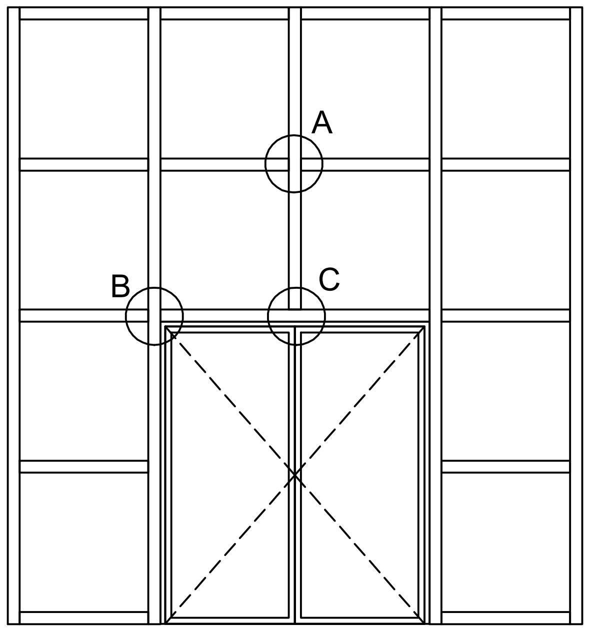
Redosled montaže
Order of assembly
Последовательность сборки

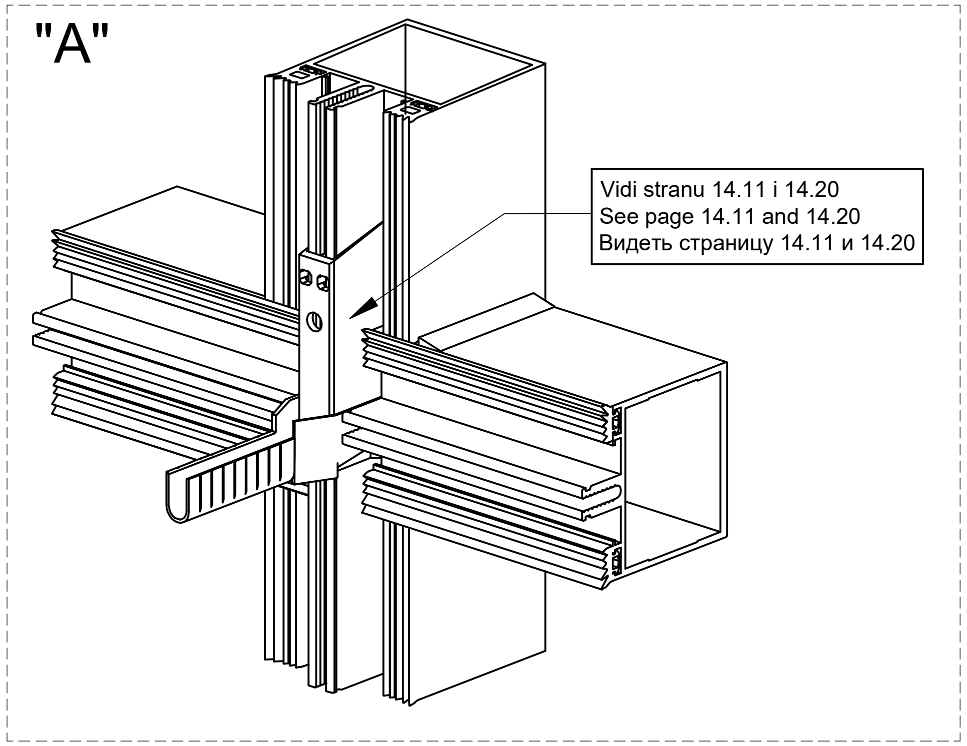


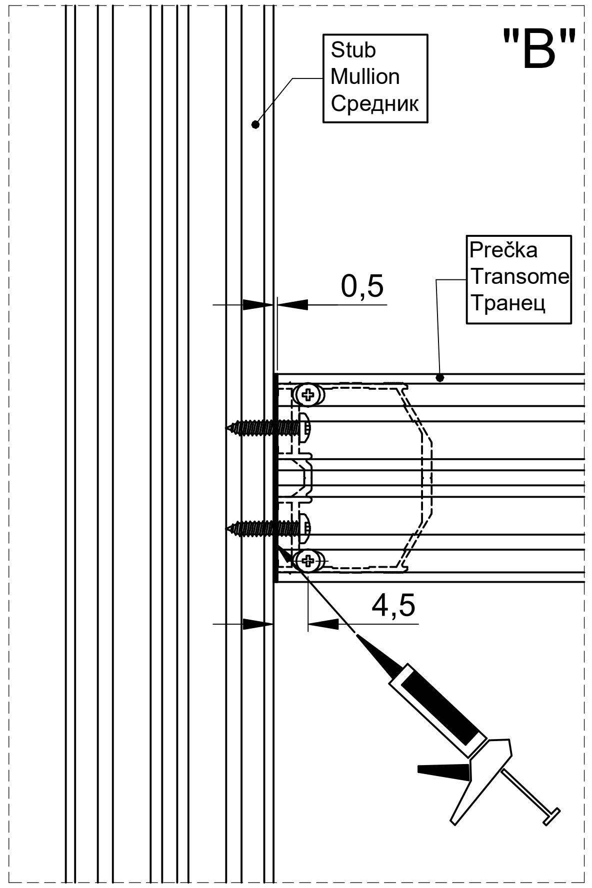


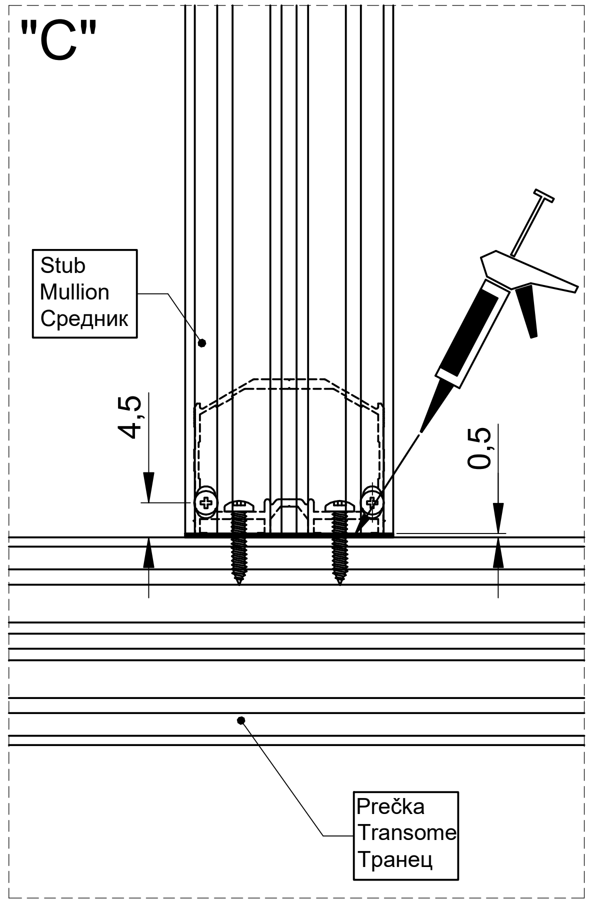
Stub (S) Mullion(S) Средник (S)	Prečka (P) Transome(P) Транец (P)	Dilatacioni umetak (A) Dilatation plug (A) Дилатации вставка (A)	Alu spojnica (B) Alu joint (B) Алю соединение (B)	Vijak DIN 7981 Screw DIN 7981 Винт DIN 7981	Vijak DIN 7504N Screw DIN 7504N Винт DIN 7504N
TMF 57	TMF 57		TMFA 31	3,9 x 9,5 - 7 kom.	3,9 x 19 - 2 kom.

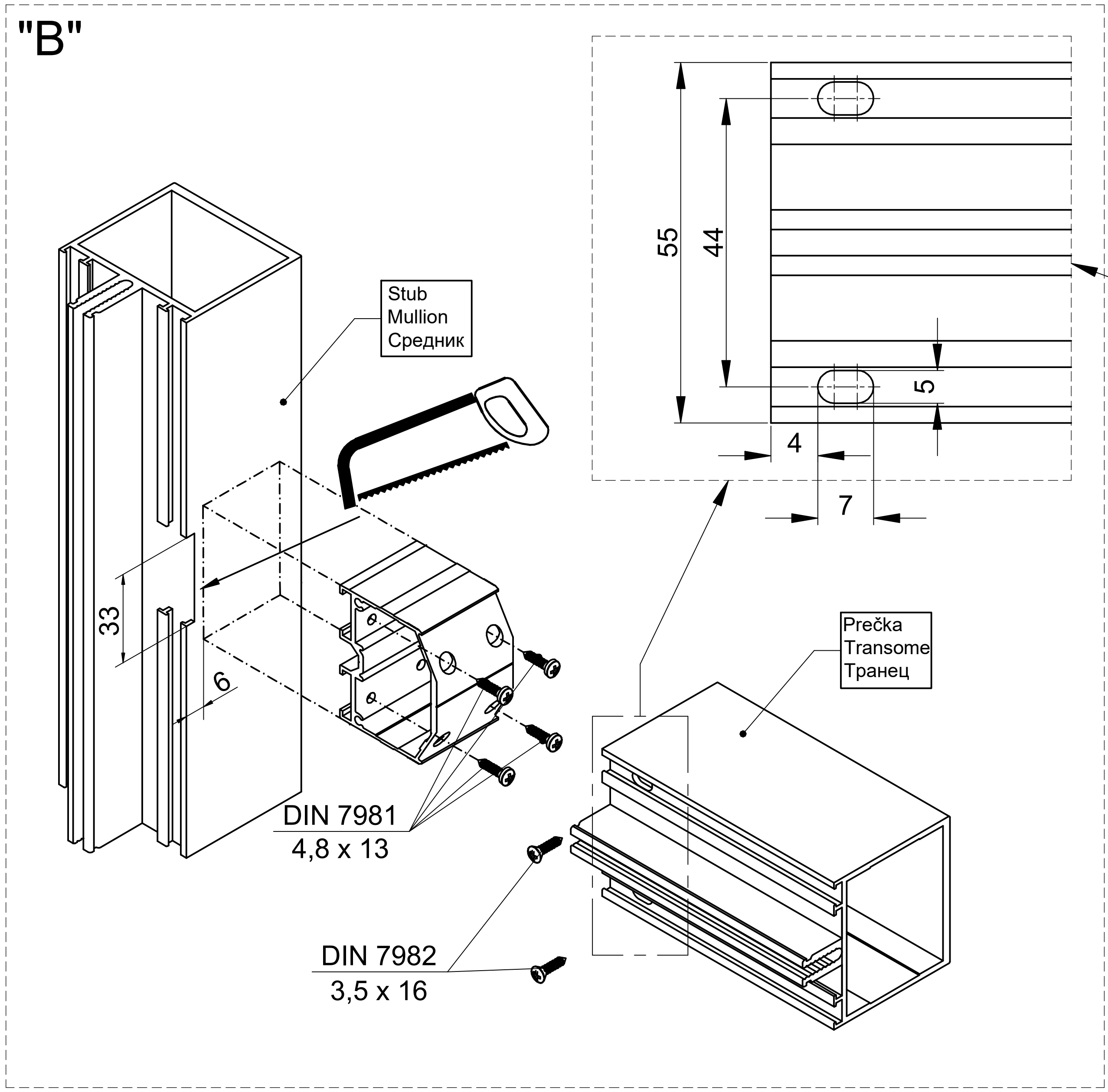
Izvođenje treće ravni
Implemetation of third plane
Выполнение третий уровень

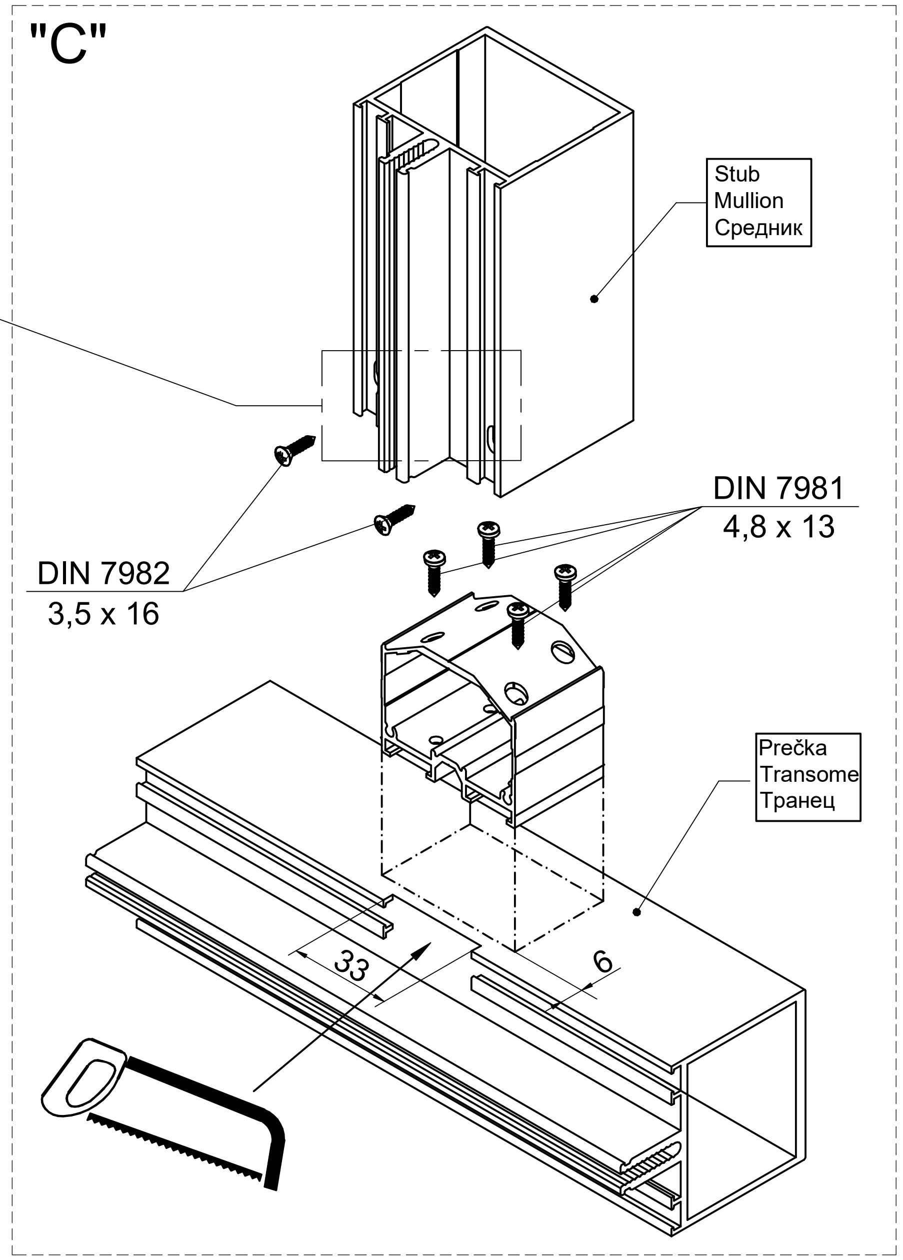


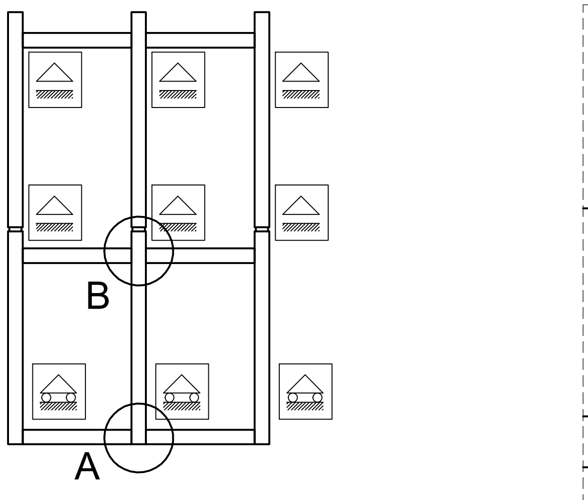


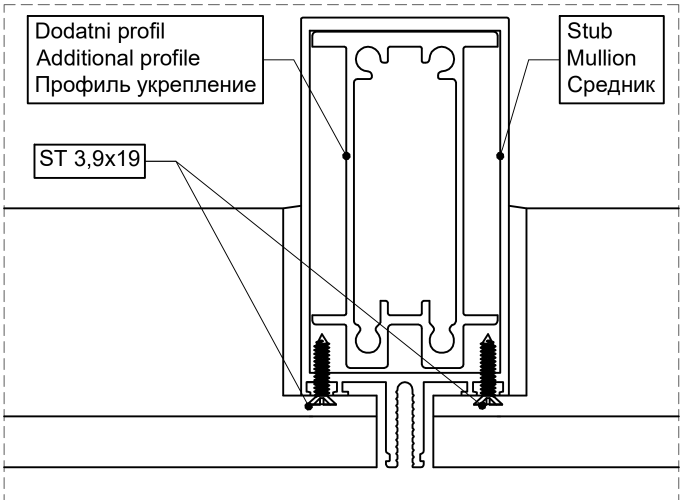


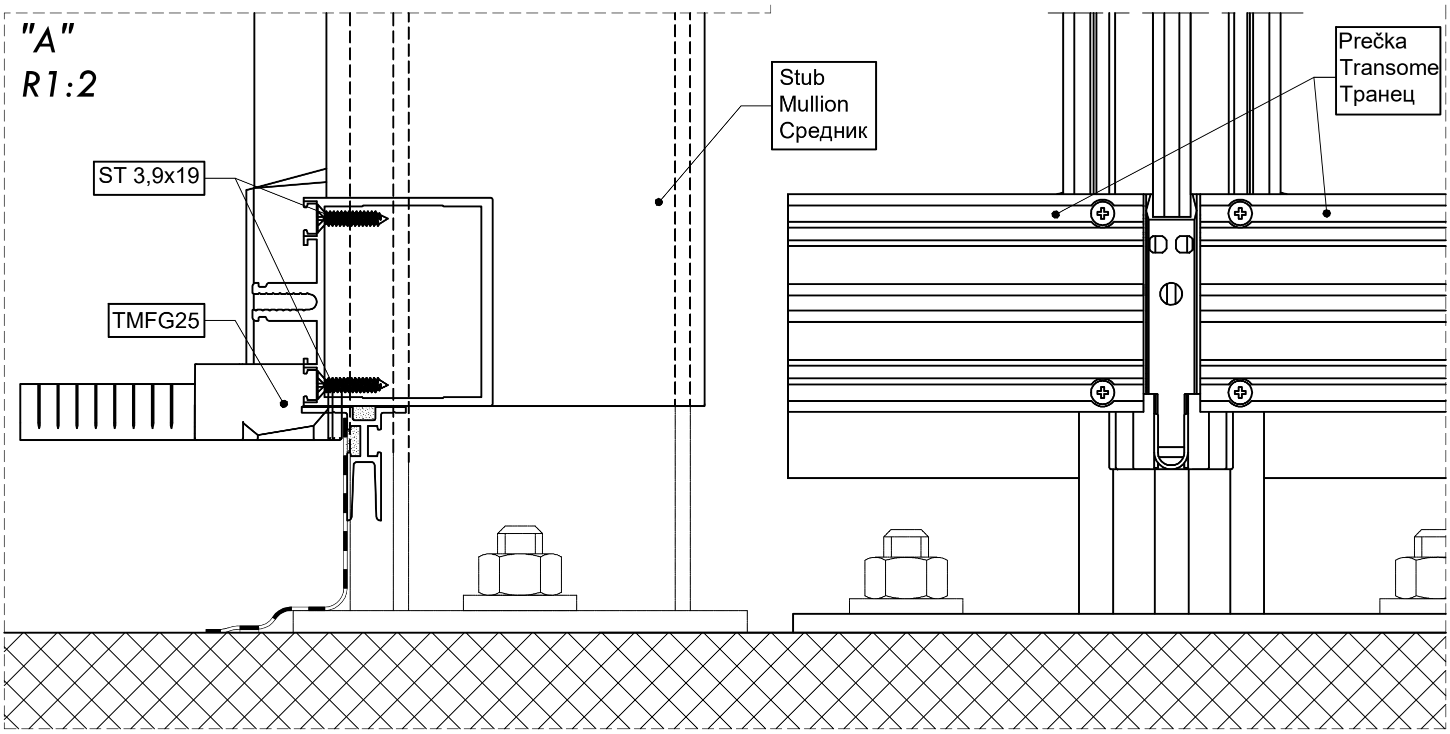


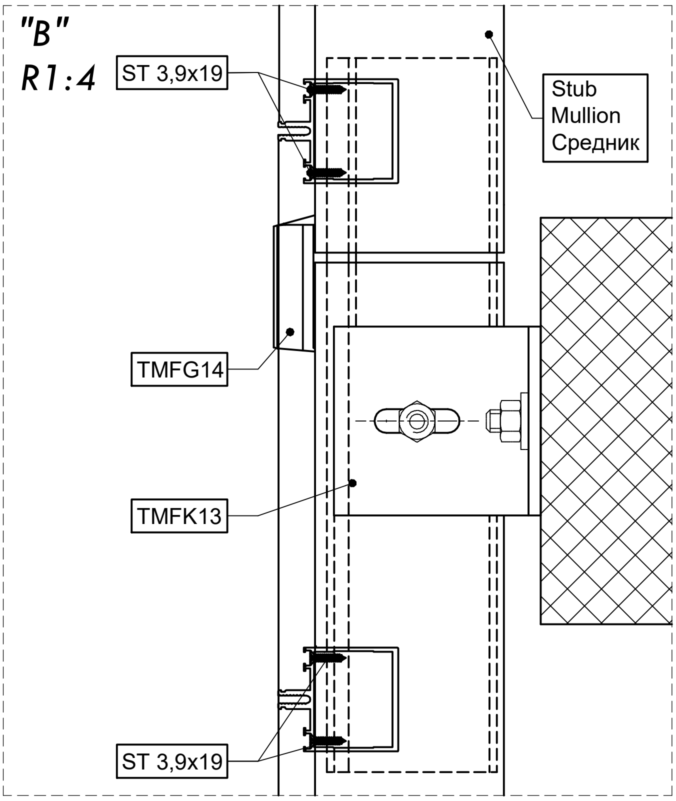


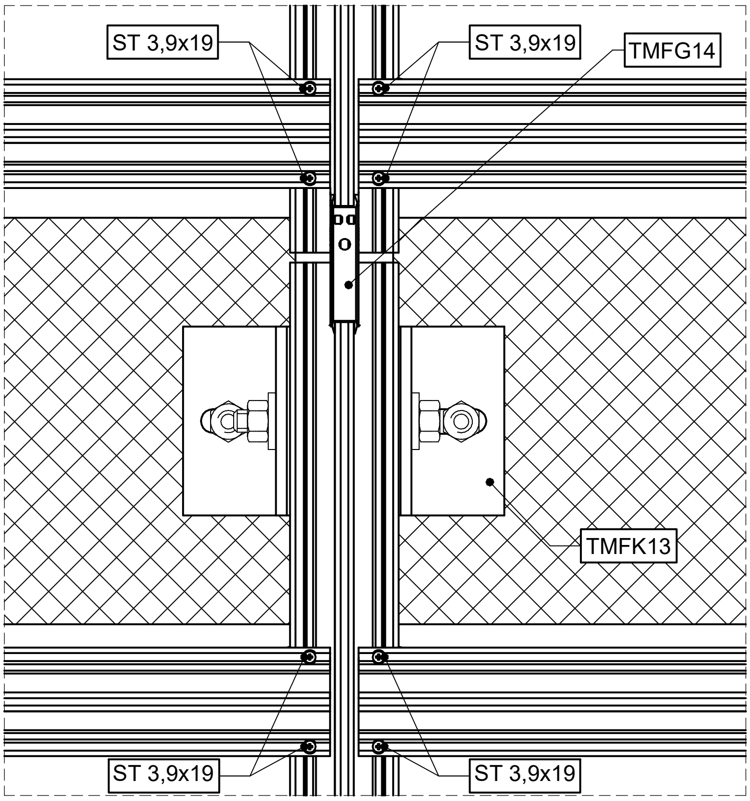



B
A

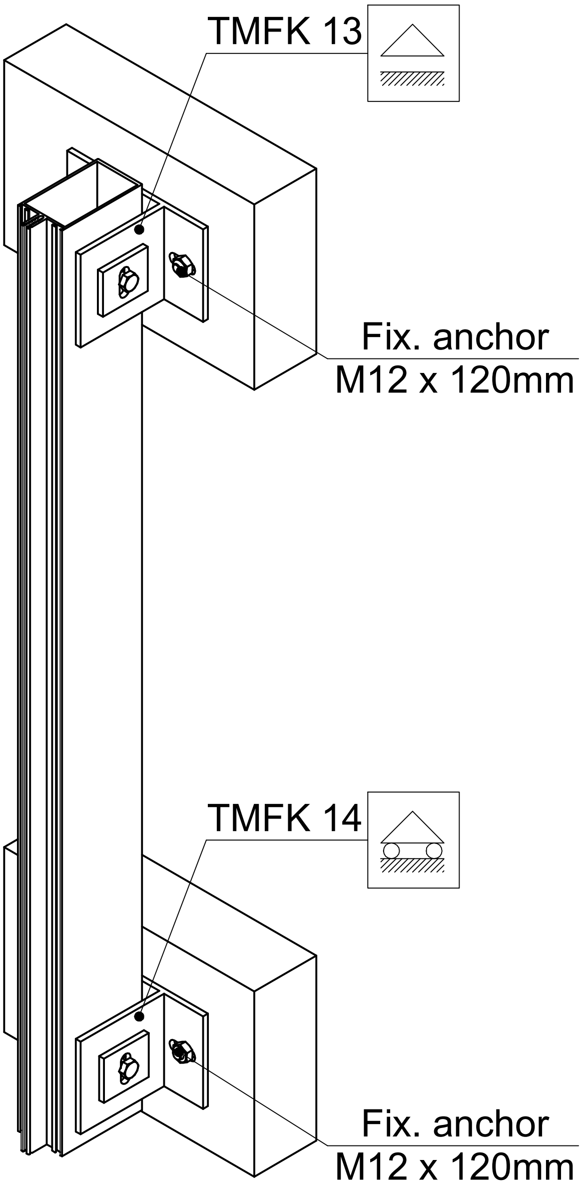

Dodatni profil
Additional profile
Профиль укрепление
Stub
Mullion
Средник
ST 3,9x19


"A"
R1:2
ST 3,9x19
TMFG25
Stub
Mullion
Средник
Prečka
Transome
Транец

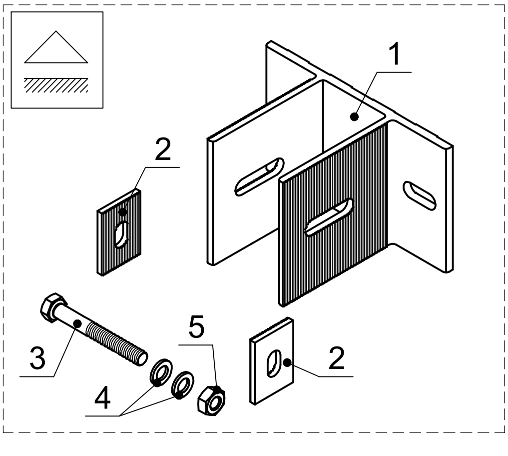

"B"
R1:4
ST 3,9x19
Stub
Mullion
Средник
TMFG14
TMFK13
ST 3,9x19


ST 3,9x19
ST 3,9x19
TMFG14
TMFK13
ST 3,9x19
ST 3,9x19

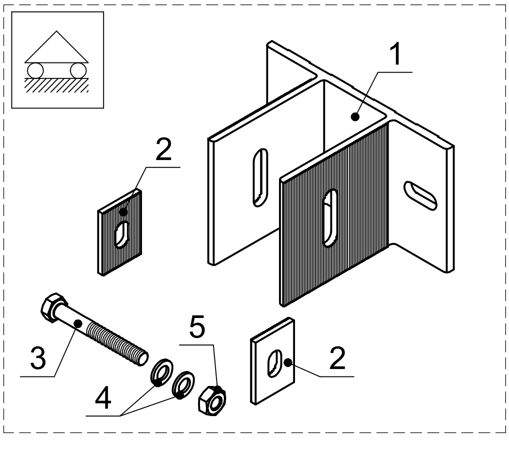
	Fiksni oslonac Fixed support Неподвижная опора		Pokretni oslonac Movable support Подвижная опора



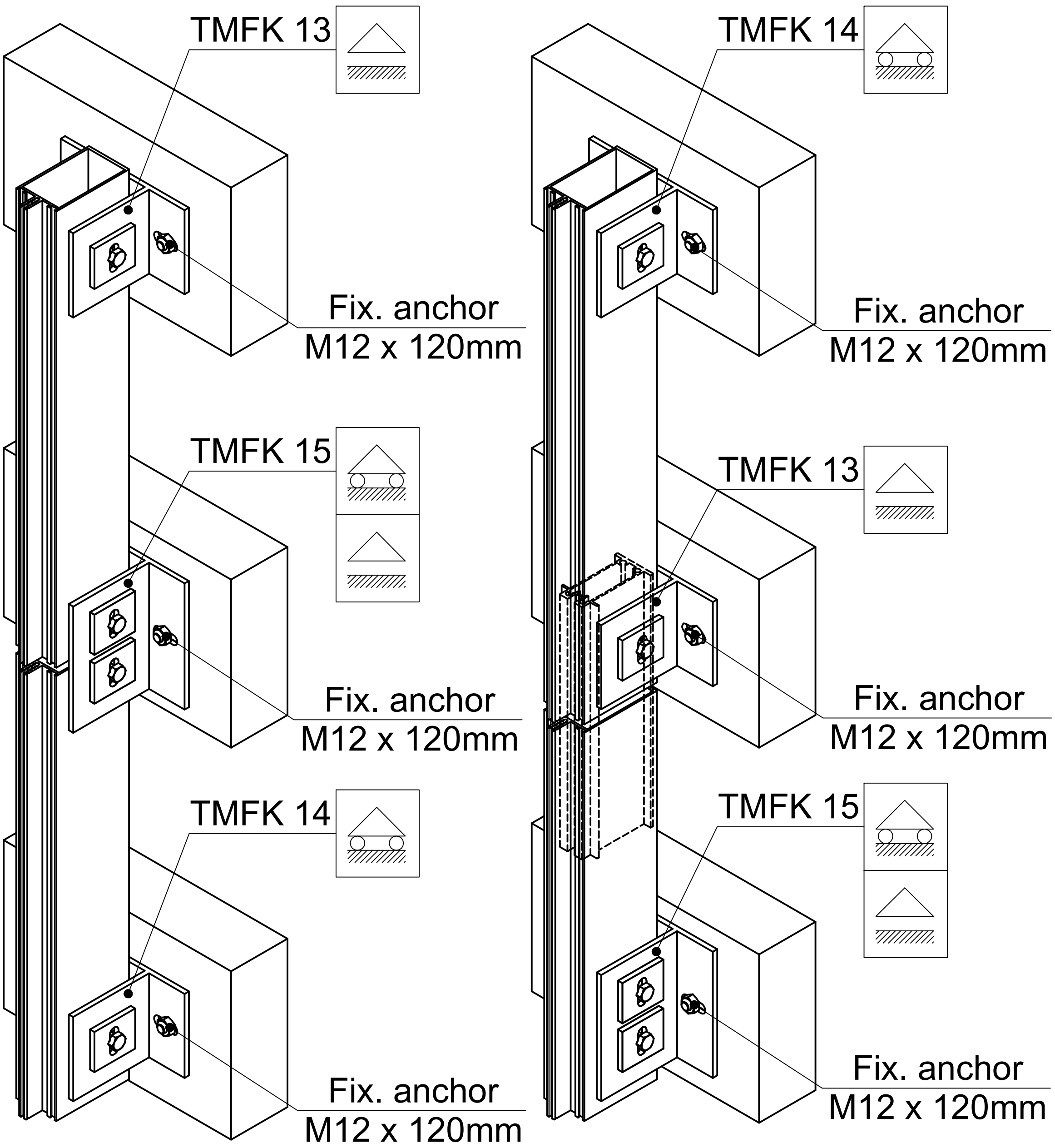
Komplet TMFK13 sadrži:
TMFK13 set contains:
Комплект *TMFK13* содержит:

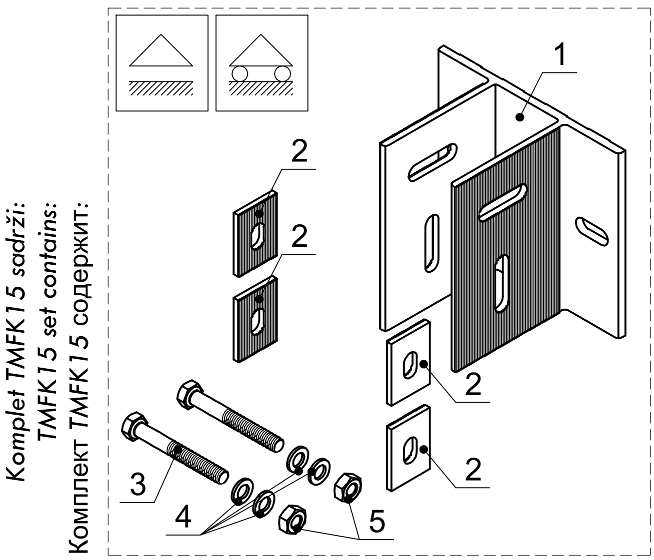


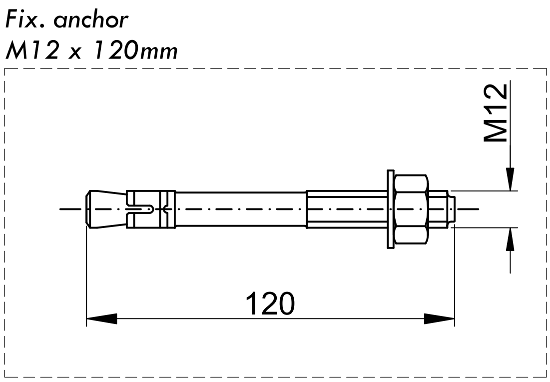
Komplet TMFK14 sadrži:
TMFK14 set contains:
Комплект *TMFK14* содержит:



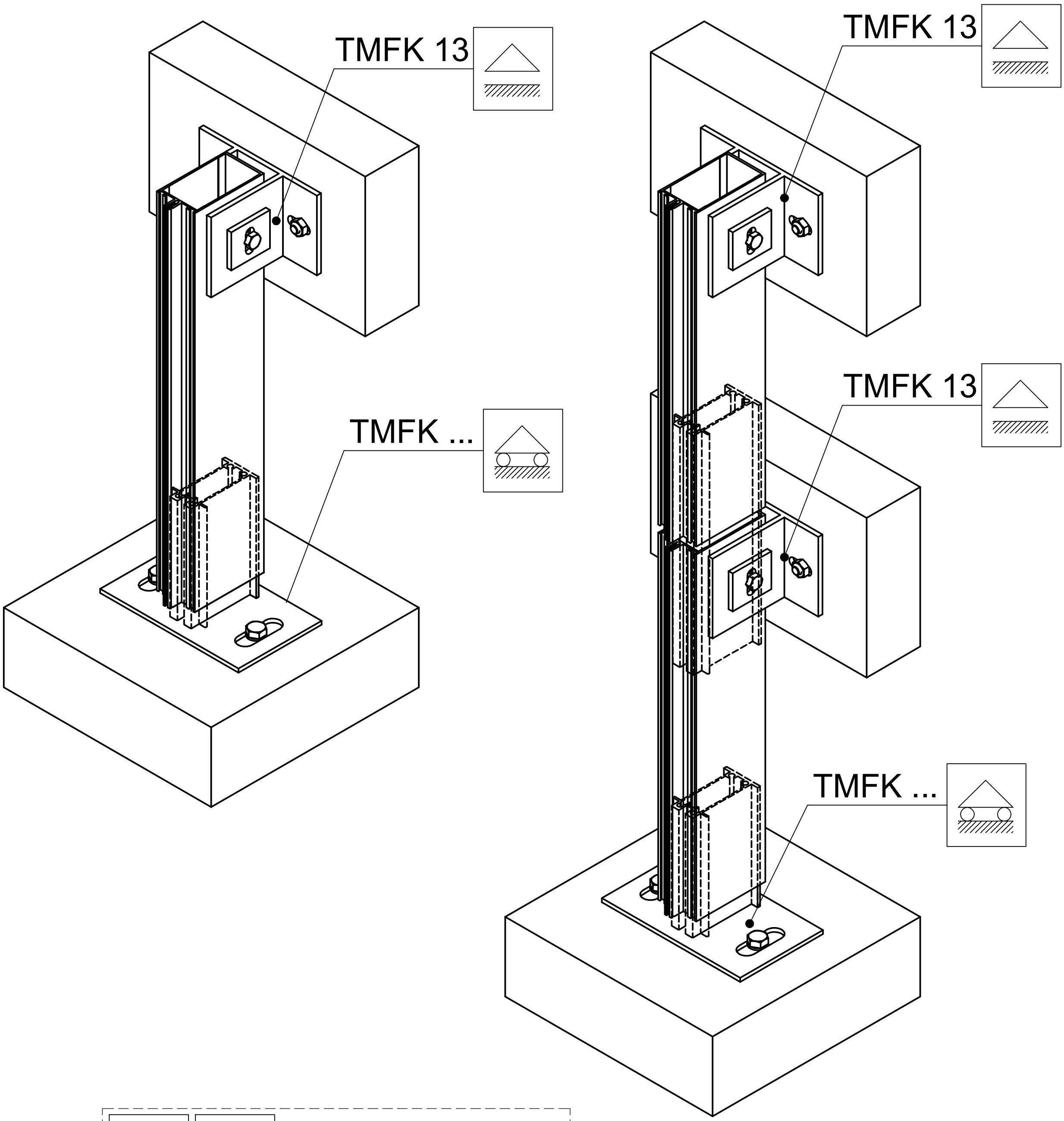
	Fiksni oslonac Fixed support Неподвижная опора		Pokretni oslonac Movable support Подвижная опора



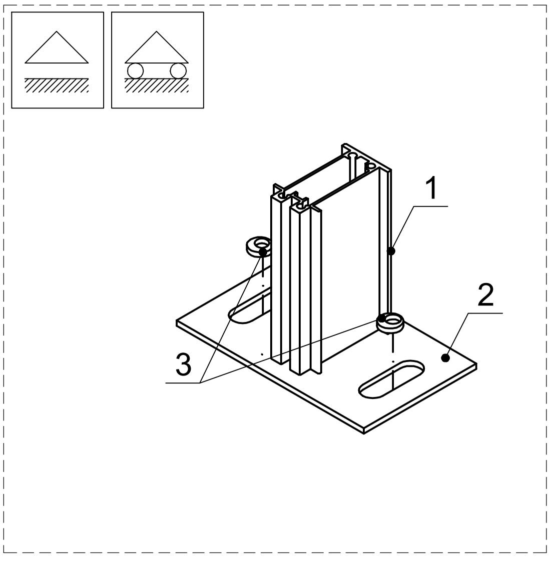




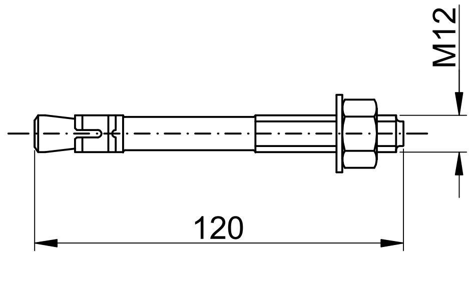
	Fiksni oslonac Fixed support Неподвижная опора		Pokretni oslonac Movable support Подвижная опора

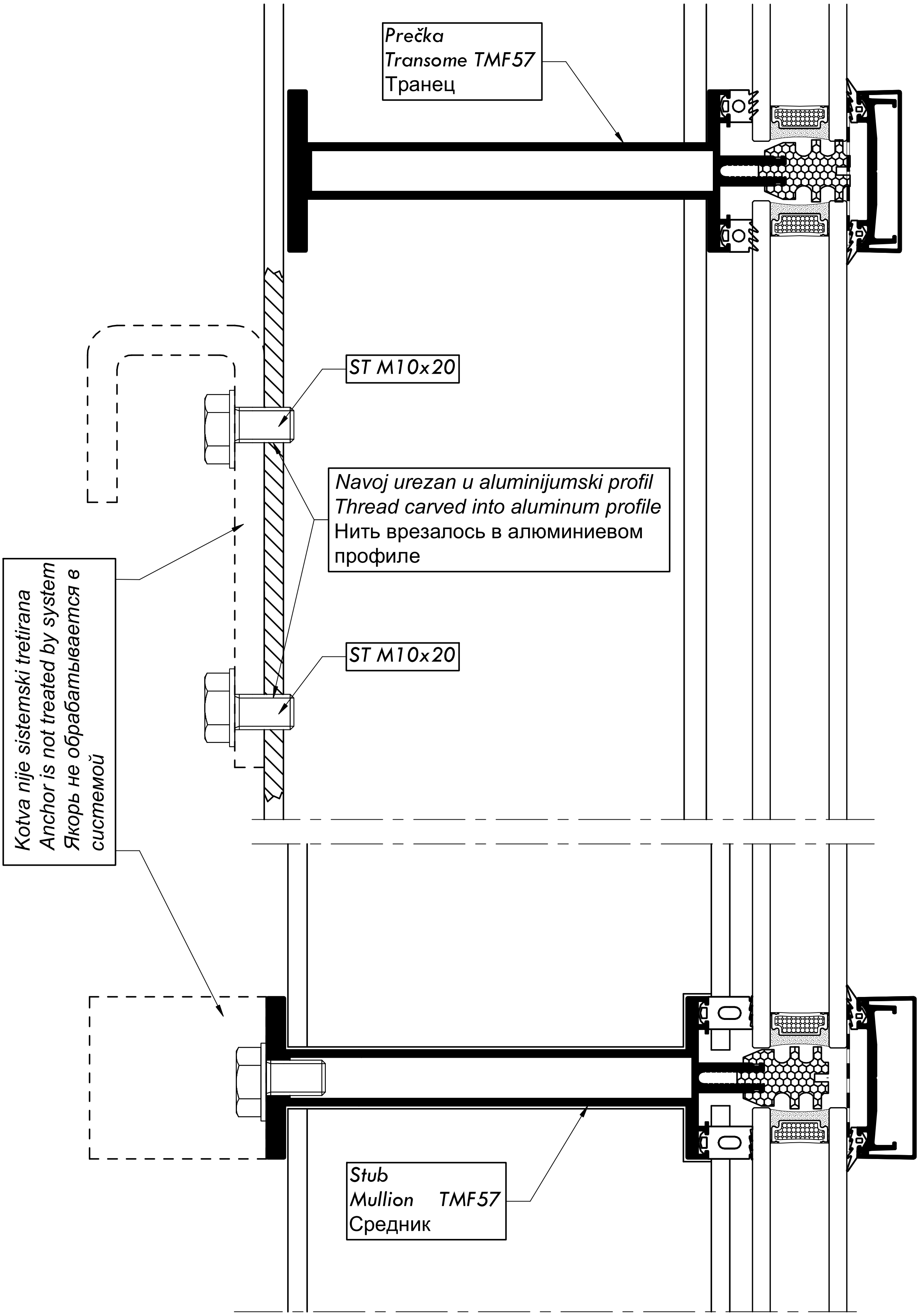


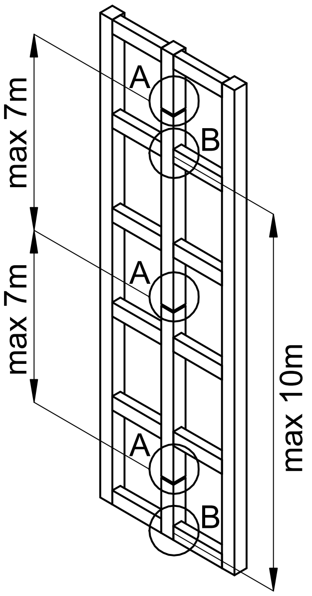
Komplet TMFK... sadrži:
TMFK... set contains:
Комплект TMFK... содержит:



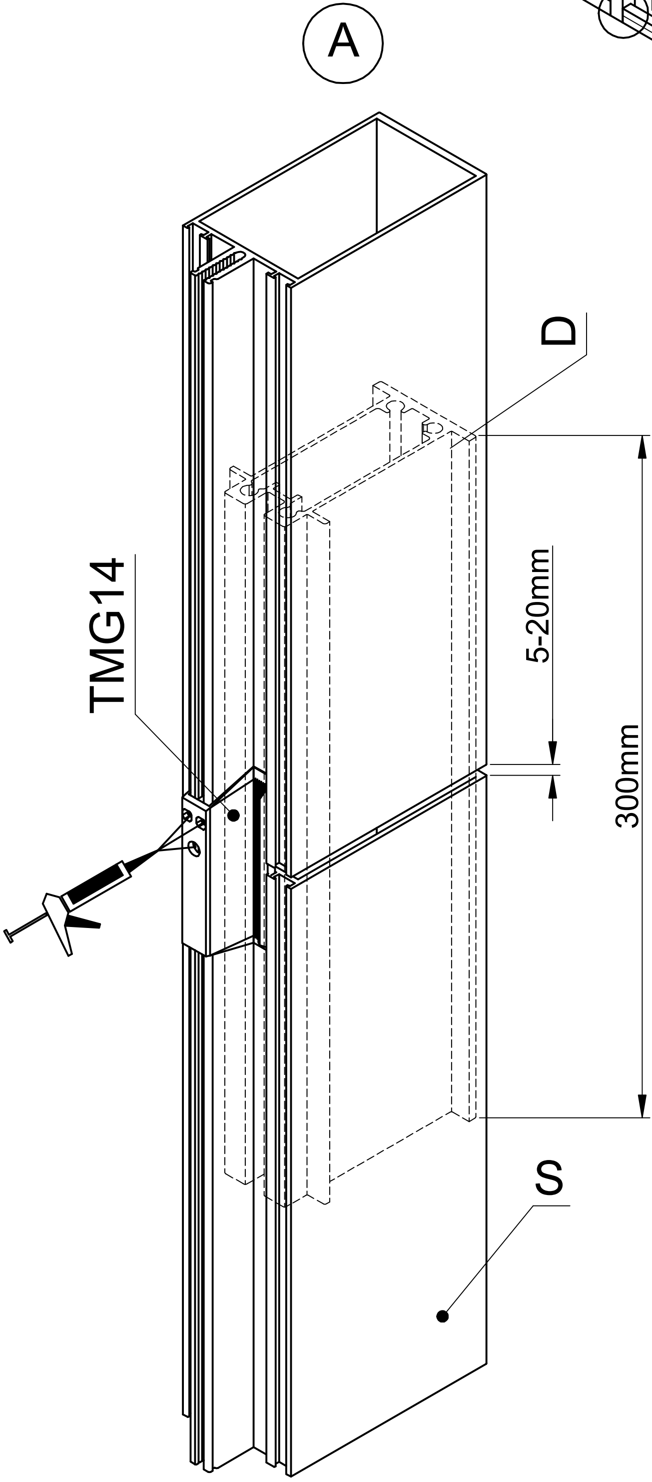
Fix. anchor
M12 x 120mm

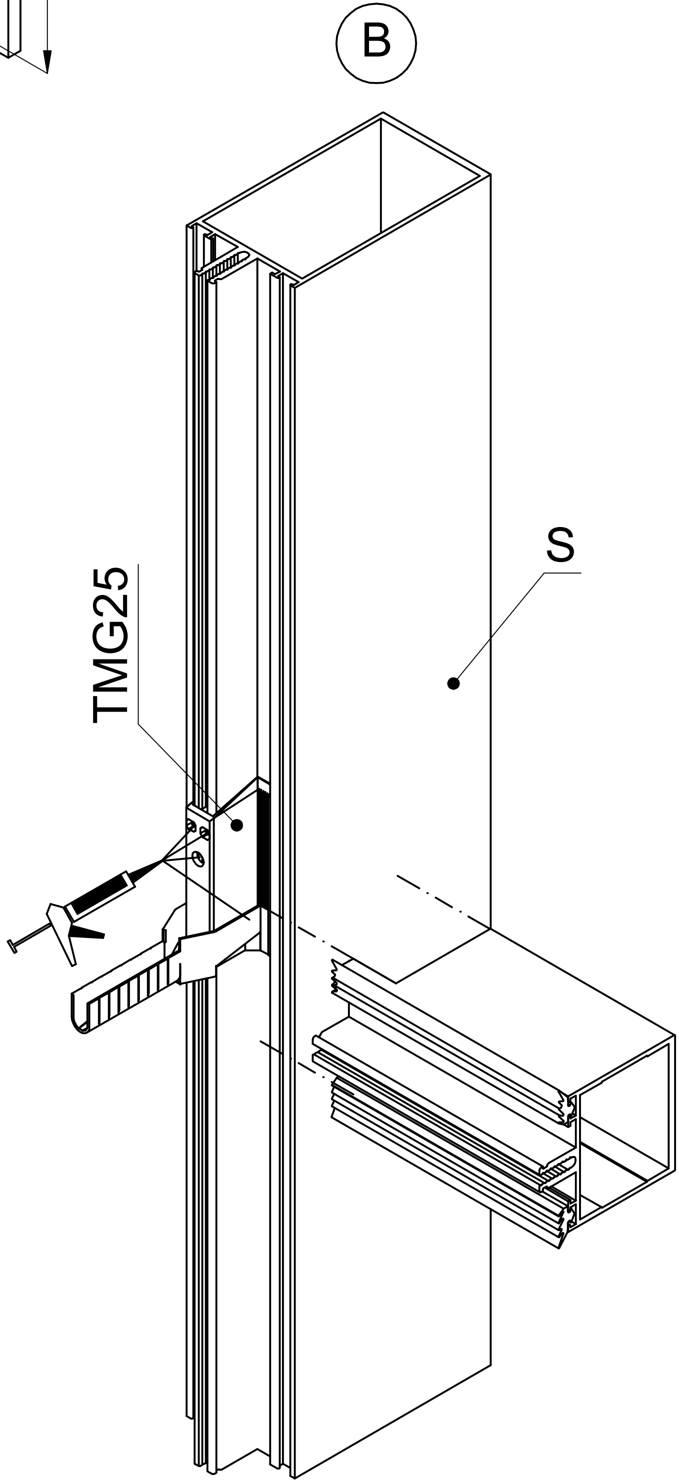


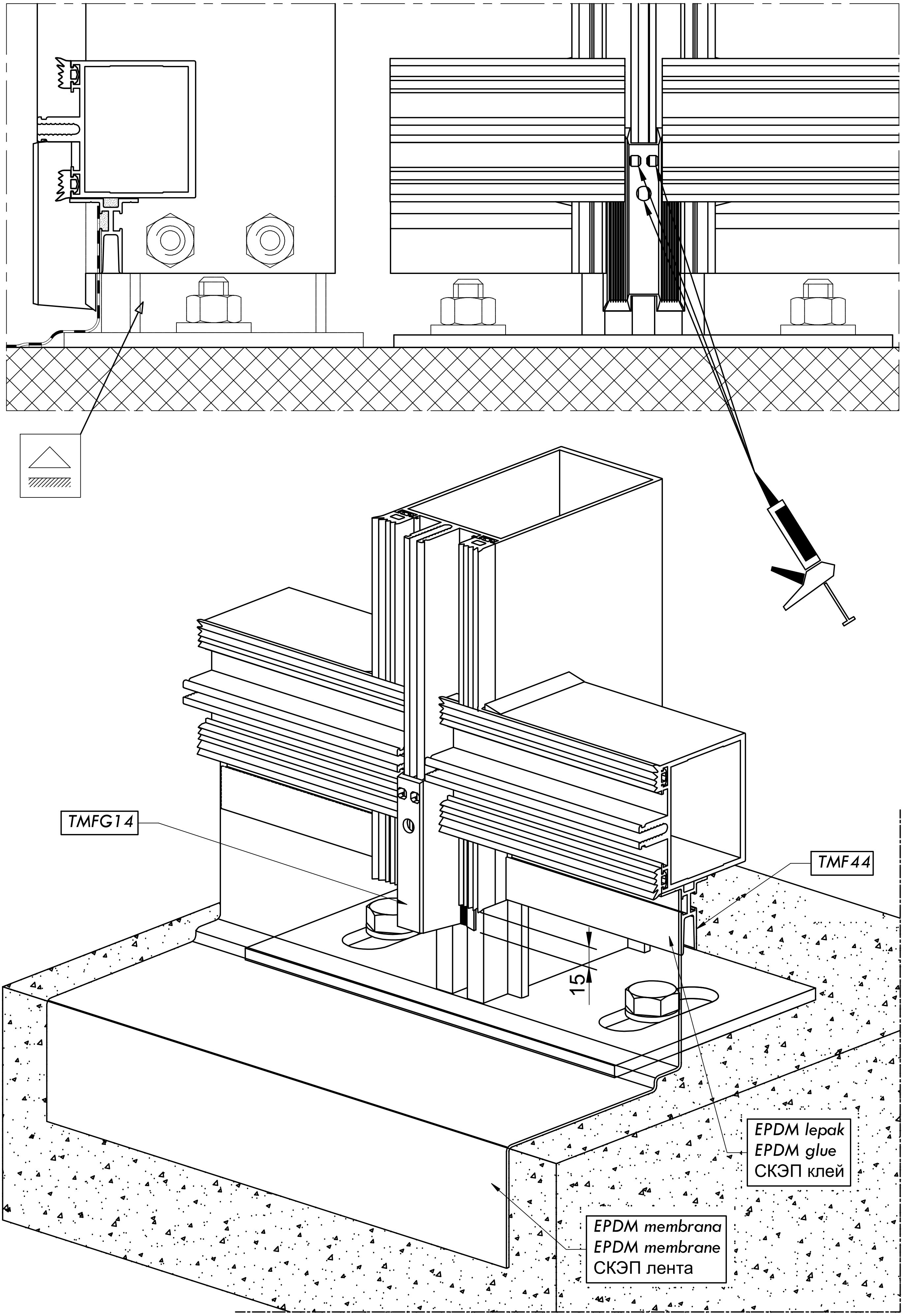

Prečka
Transome TMF57
Транец
ST M10x20
Navoj urezan u aluminijumski profil
Thread carved into aluminum profile
Нить врезалось в алюминиевом профиле
ST M10x20
Kotva nije sistemski tretirana
Anchor is not treated by system
Якорь не обрабатывается в системой
Stub
Mullion TMF57
Средник

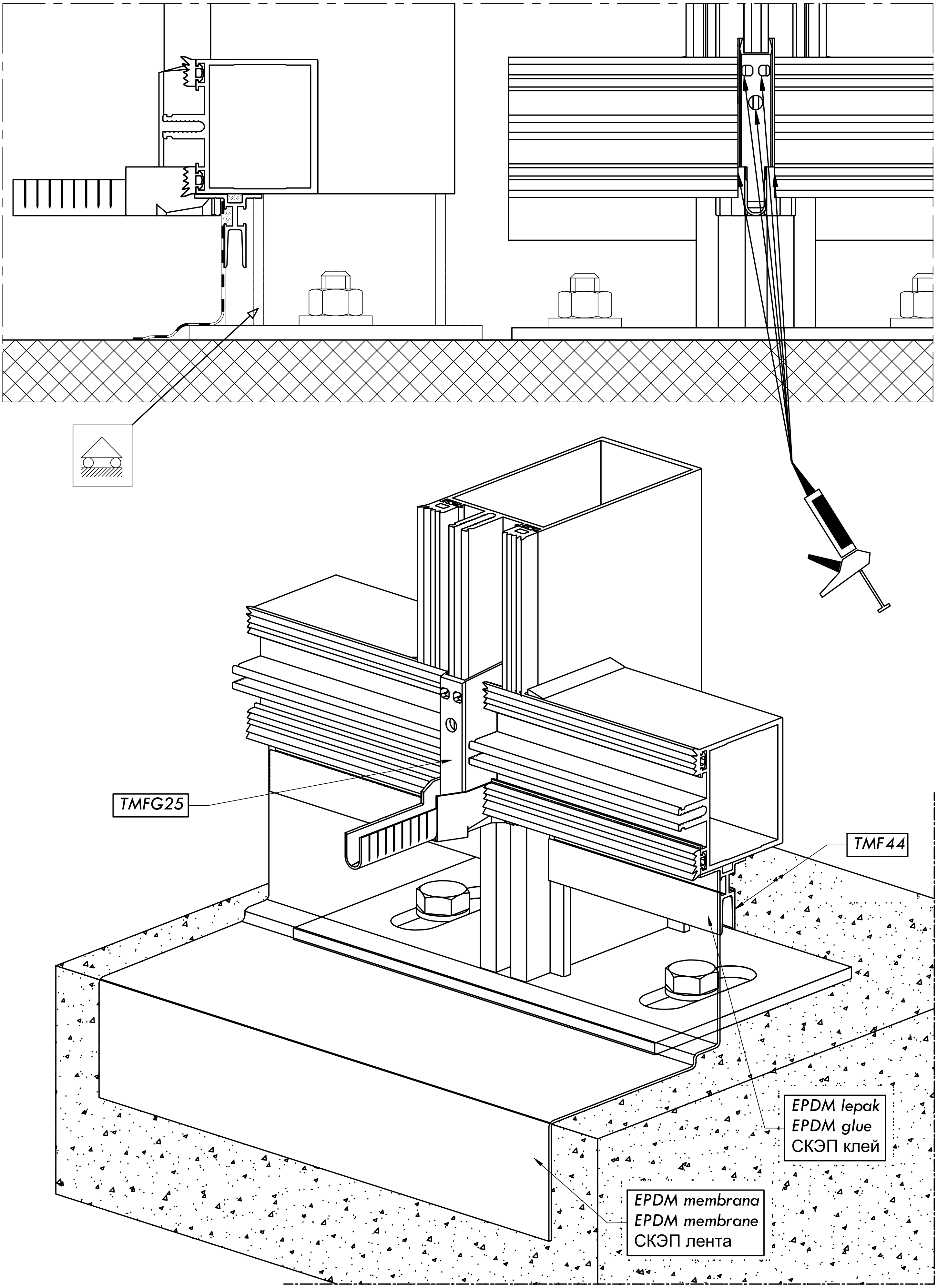


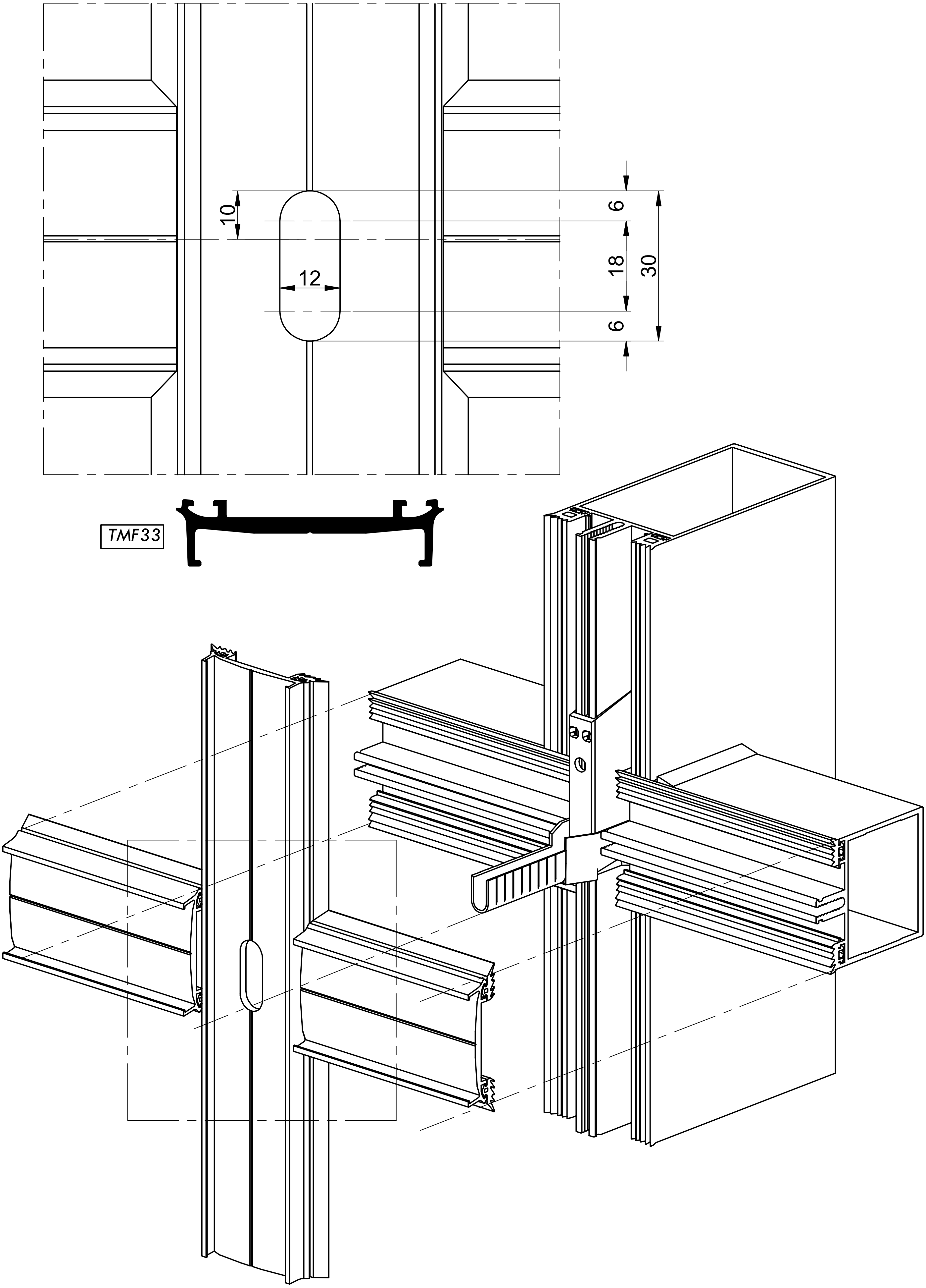
Stub (S) Mullion (S) Средник (S)	Dilatacioni umetak (D) Dilatation plug (D) Дилатации вставка (D)
TMF 75	TMFK 32
TMF 100	TMFK 33
TMF 125	TMFK 34
TMF 150	TMFK 35
TMF 10	TMFK 12
TMF 57	TMFK 16
TMF 175	TMFK 36



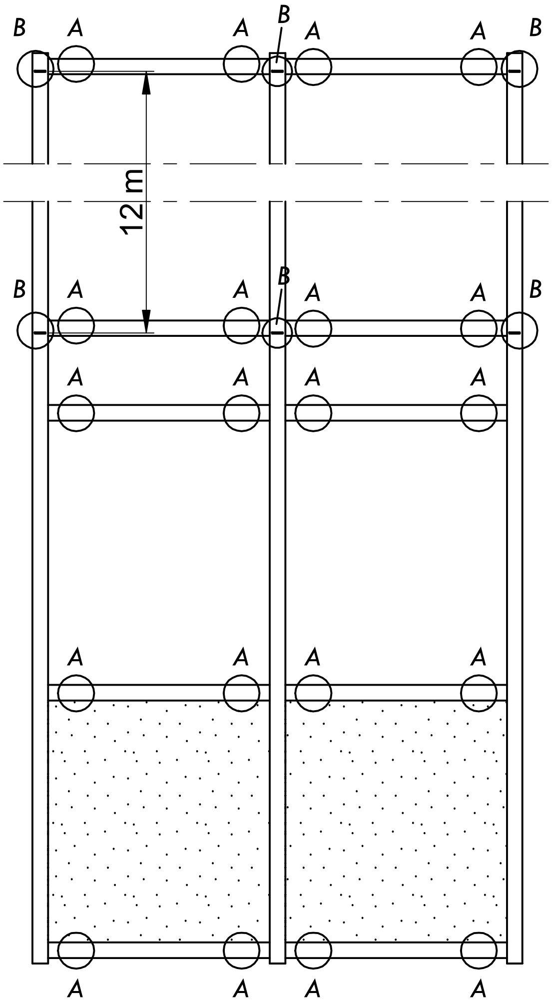


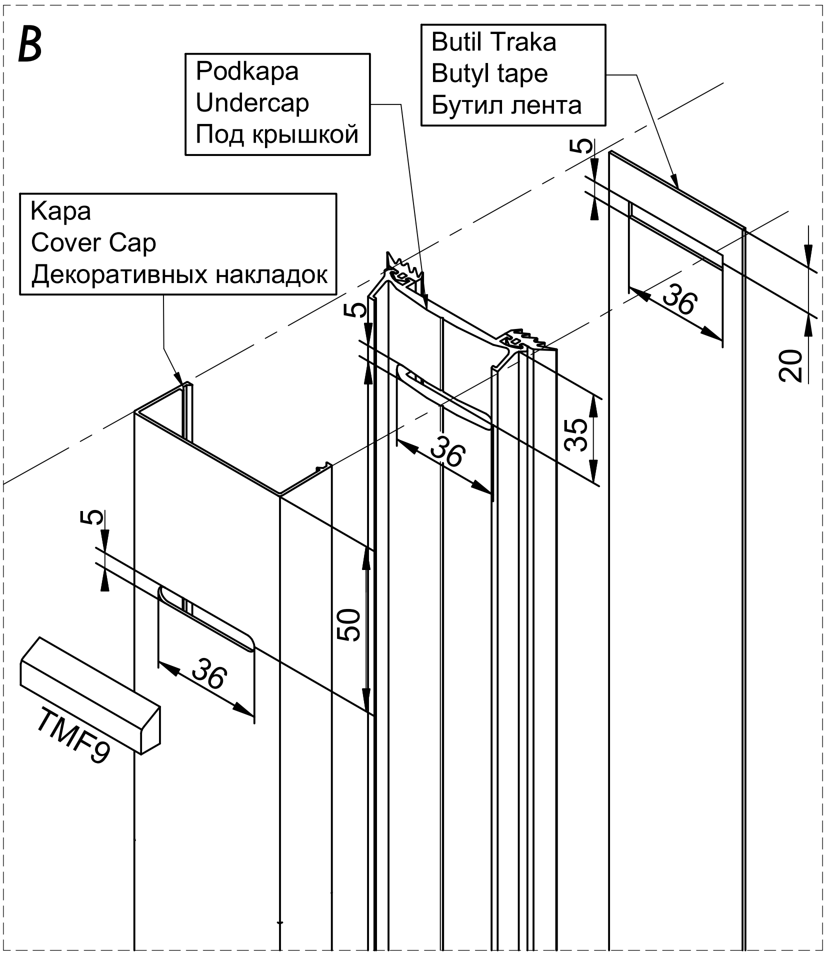

TMFG14
TMF44
15
EPDM lepak
EPDM glue
СКЭП клей
EPDM membrana
EPDM membrane
СКЭП лента

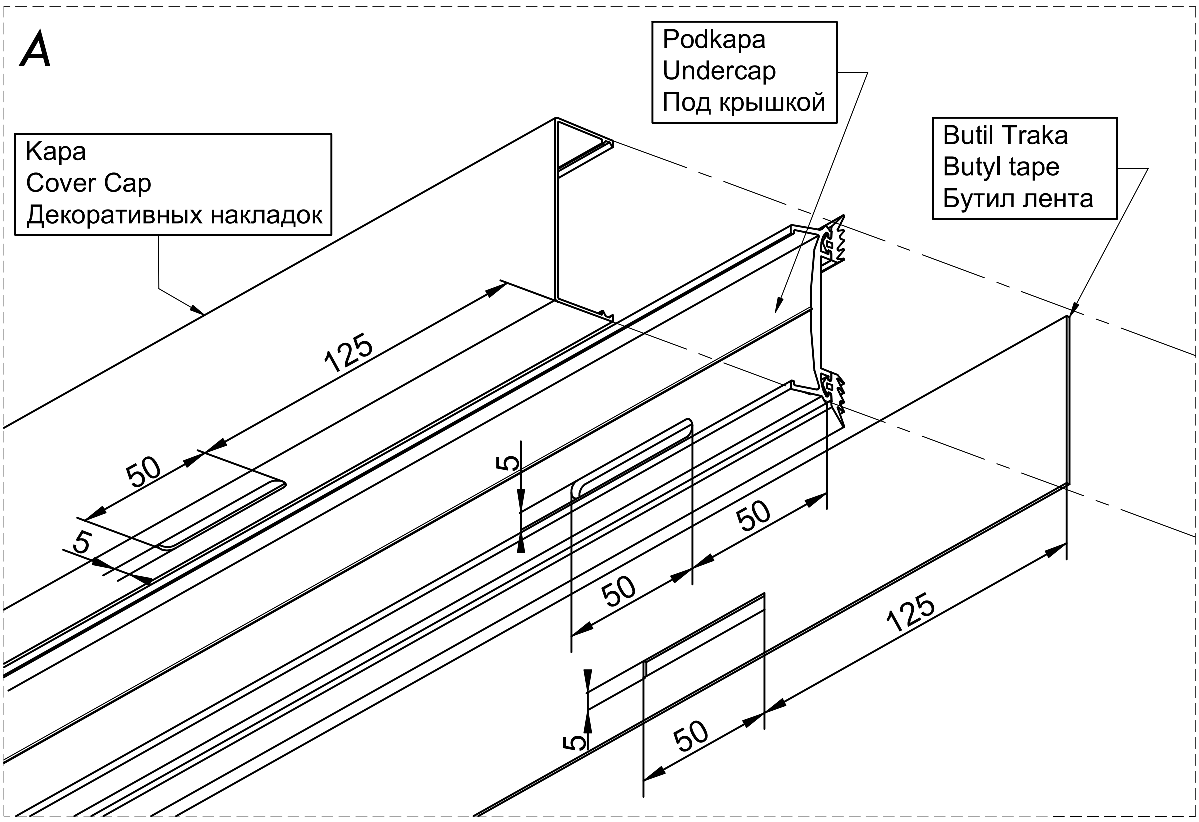

TMFG25
TMF44
EPDM lepak
EPDM glue
СКЭП клей
EPDM membrana
EPDM membrane
СКЭП лента

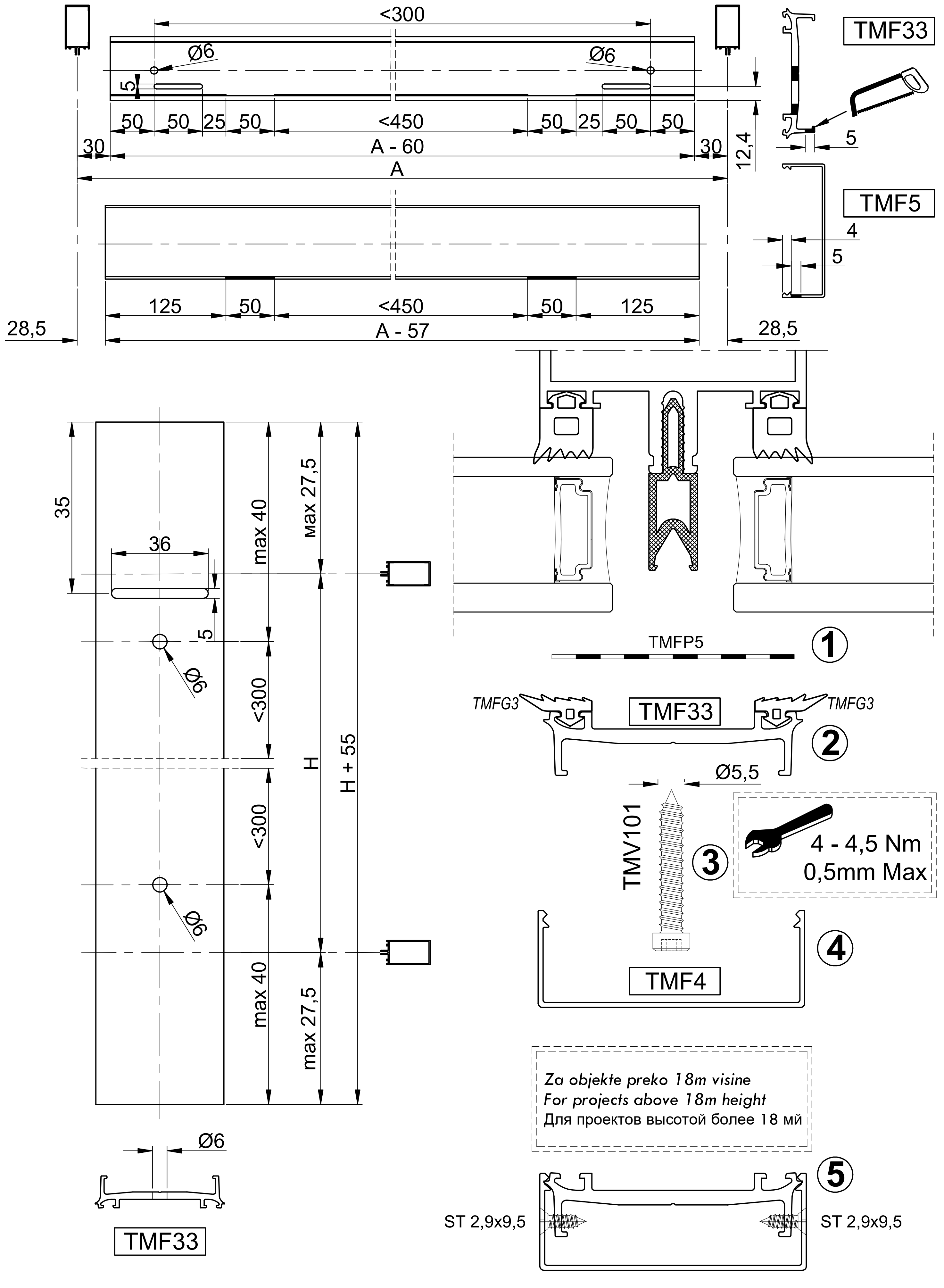

10
12
6
18
30
6
TMF33

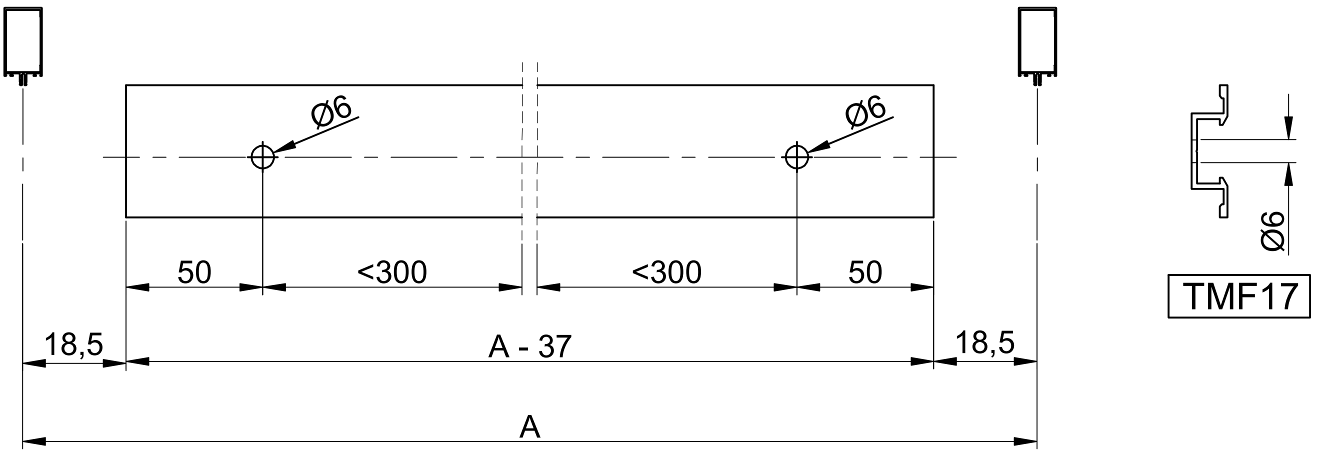
Ventilacija fasadne konstrukcije zbog izjednačavanja pritiskai adekvatne drenaže
Ventilation of façade construction for pressure equalization and adequate drainage
Вентиляция строительство фасад для выравнивания давления и соответствующей дренажной

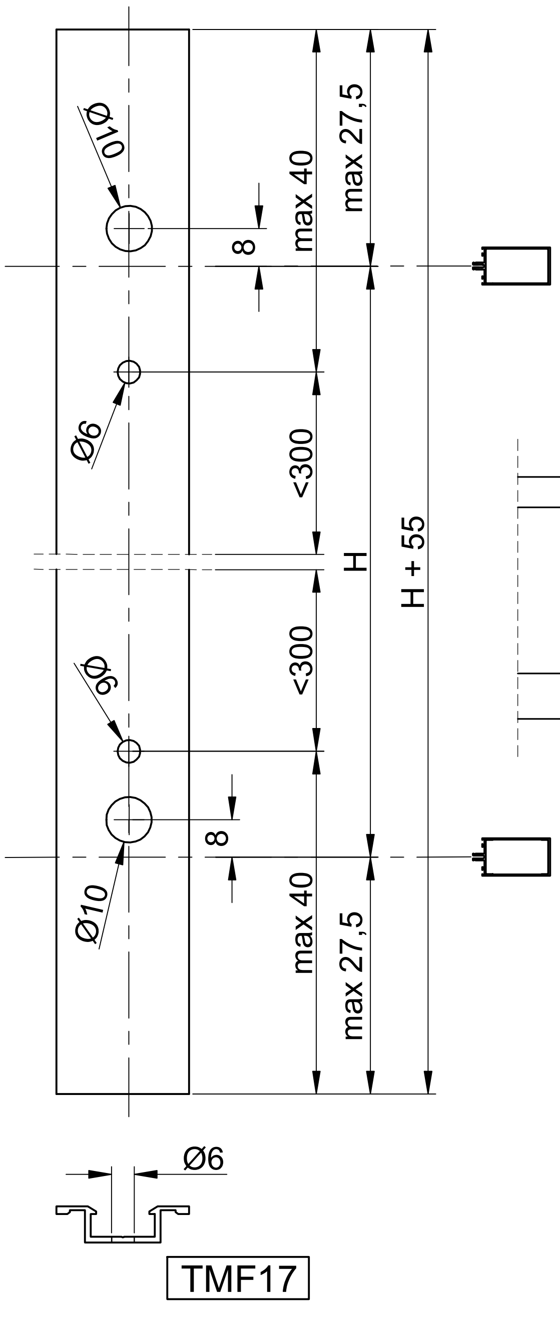


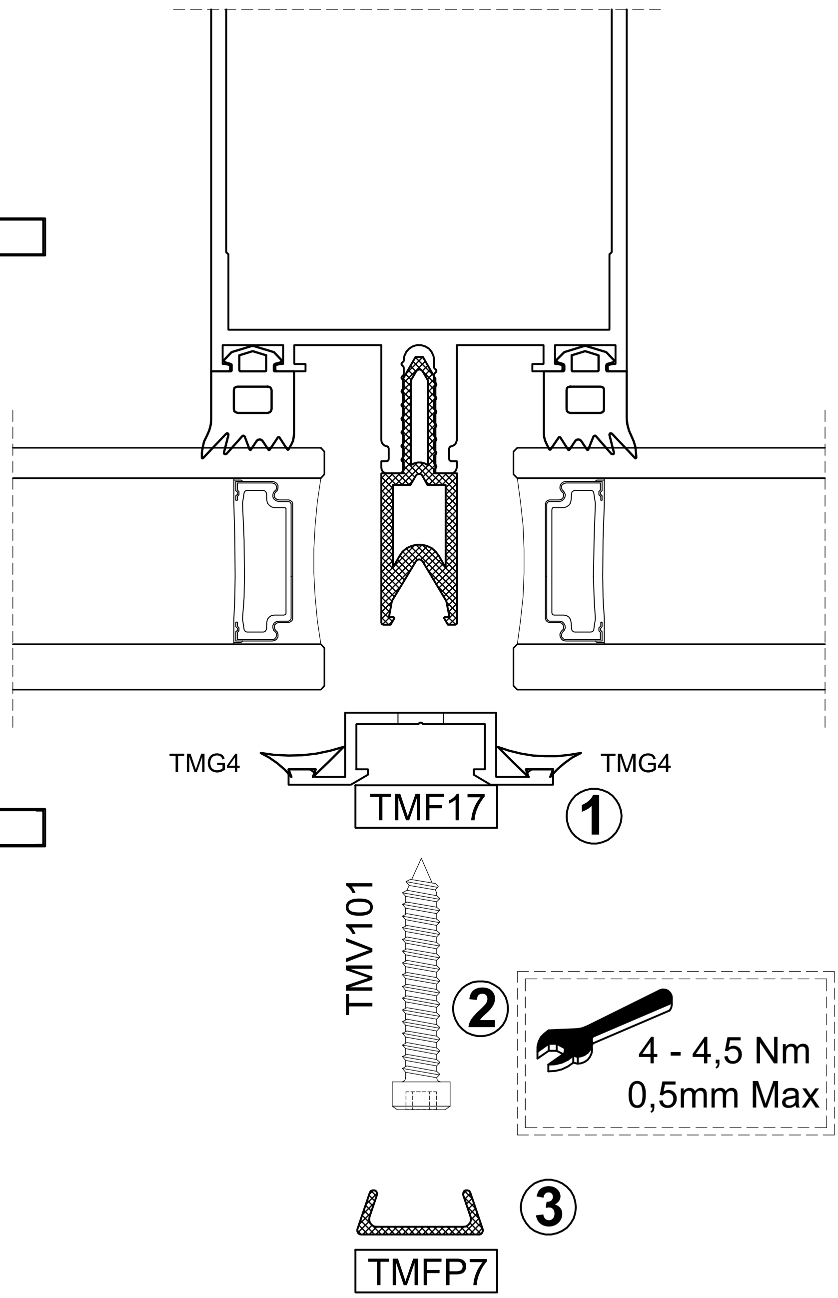


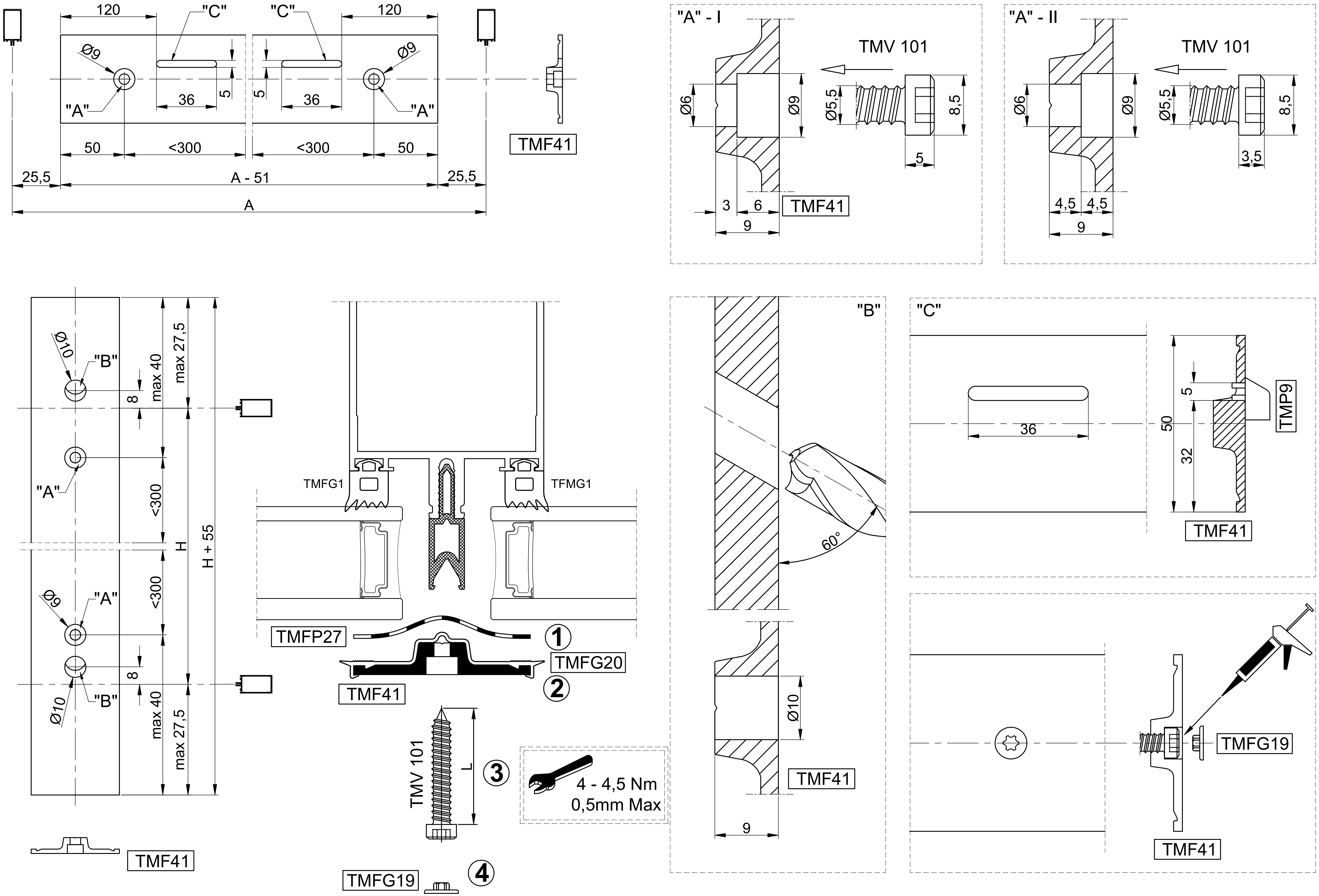



TMF33
TMF5
<300
Ø6
Ø6
5
50 50 25 50 <450 50 25 50 50
30 A - 60 30
A
12,4
5
4
5
125 50 <450 50 125
28,5 A - 57 28,5
35
36
5
Ø6
Ø6
max 40
max 27,5
<300
<300
H
H + 55
max 40
max 27,5
Ø6
TMF33
TMFP5
1
TMFG3
TMF33
TMFG3
2
Ø5,5
TMV101
3
4 - 4,5 Nm
0,5mm Max
4
TMF4
Za objekte preko 18m visine
For projects above 18m height
Для проектов высотой более 18 мй
5
ST 2,9x9,5
ST 2,9x9,5

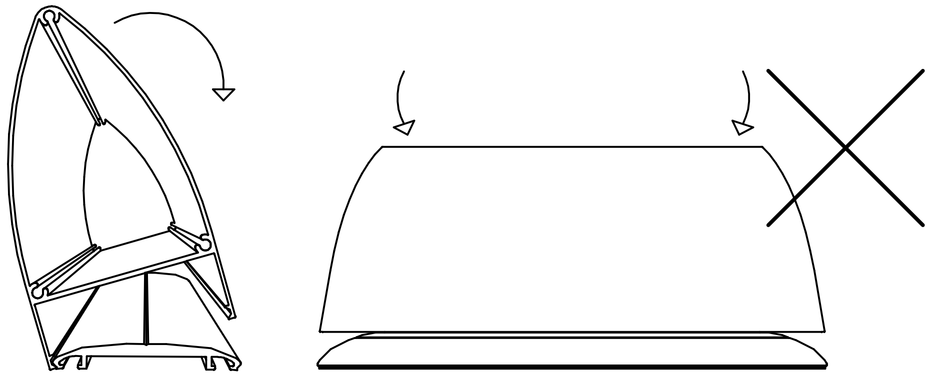

Ø6
Ø6
50
<300
<300
50
18,5
A - 37
18,5
A
Ø6
TMF17

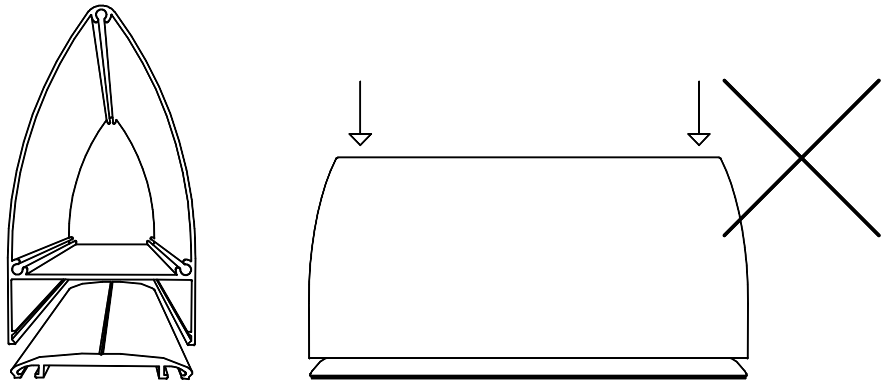

Ø10
8
max 40
max 27,5
Ø6
<300
H
H + 55
<300
Ø6
8
Ø10
max 40
max 27,5
Ø6
TMF17

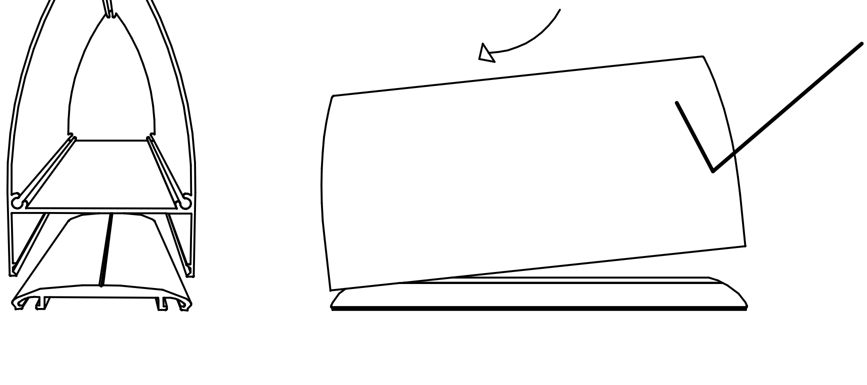

TMG4
TMG4
TMF17
1
TMV101
2
4 - 4,5 Nm
0,5mm Max
3
TMFP7


120
"C"
"C"
120
Ø9
Ø9
"A"
"A"
36
5
5
36
TMF41
50
<300
<300
50
25,5
A - 51
25,5
A
"A" - I
TMV 101
Ø6
Ø9
Ø5,5
8,5
5
3
6
TMF41
9
"A" - II
TMV 101
Ø6
Ø9
Ø5,5
8,5
3,5
4,5
4,5
9
Ø10
"B"
max 40
max 27,5
8
"A"
<300
H
H + 55
<300
Ø9
"A"
8
Ø10
"B"
max 40
max 27,5
TMF41
TMFG1
TFMG1
TMFP27
1
TMFG20
TMF41
2
TMV 101
L
3
4 - 4,5 Nm
0,5mm Max
TMFG19
4
"B"
60°
Ø10
TMF41
9
"C"
36
5
50
32
TMP9
TMF41
TMFG19
TMF41

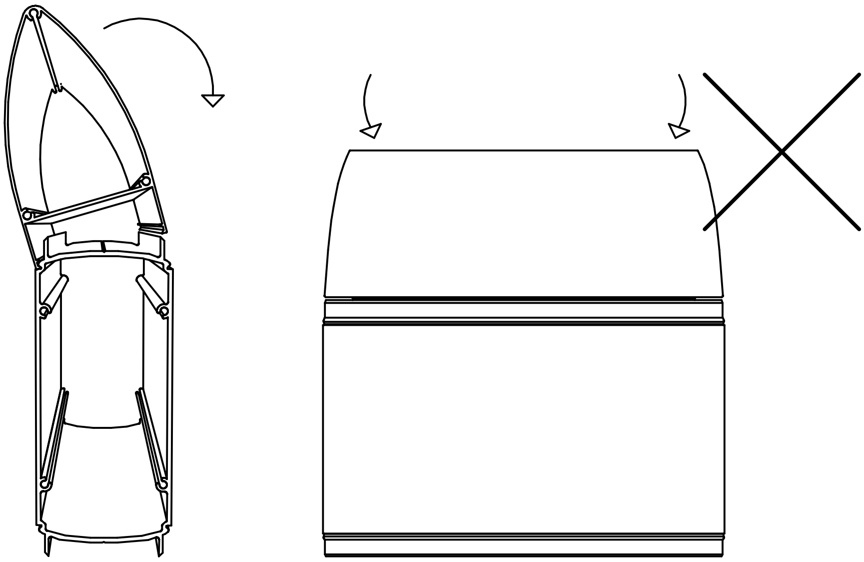
Postavljanje kape
Cover cap installation
Монтажные декоративных накладок

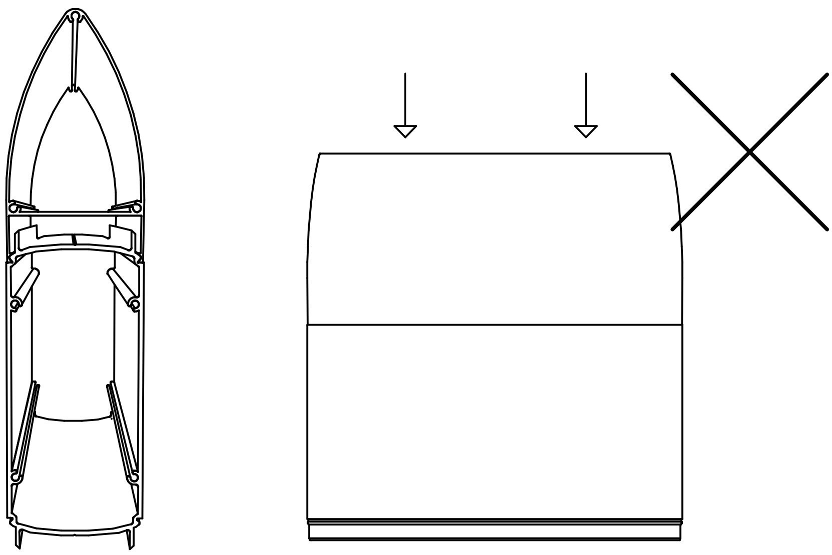


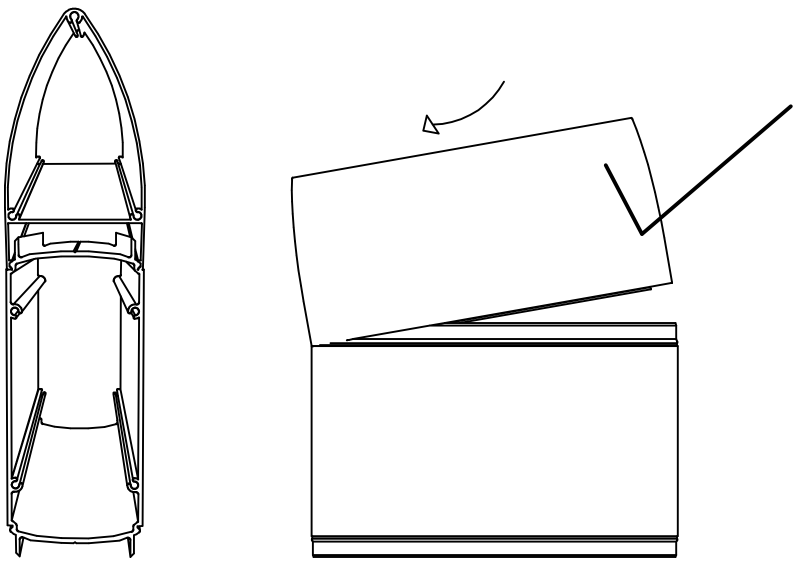


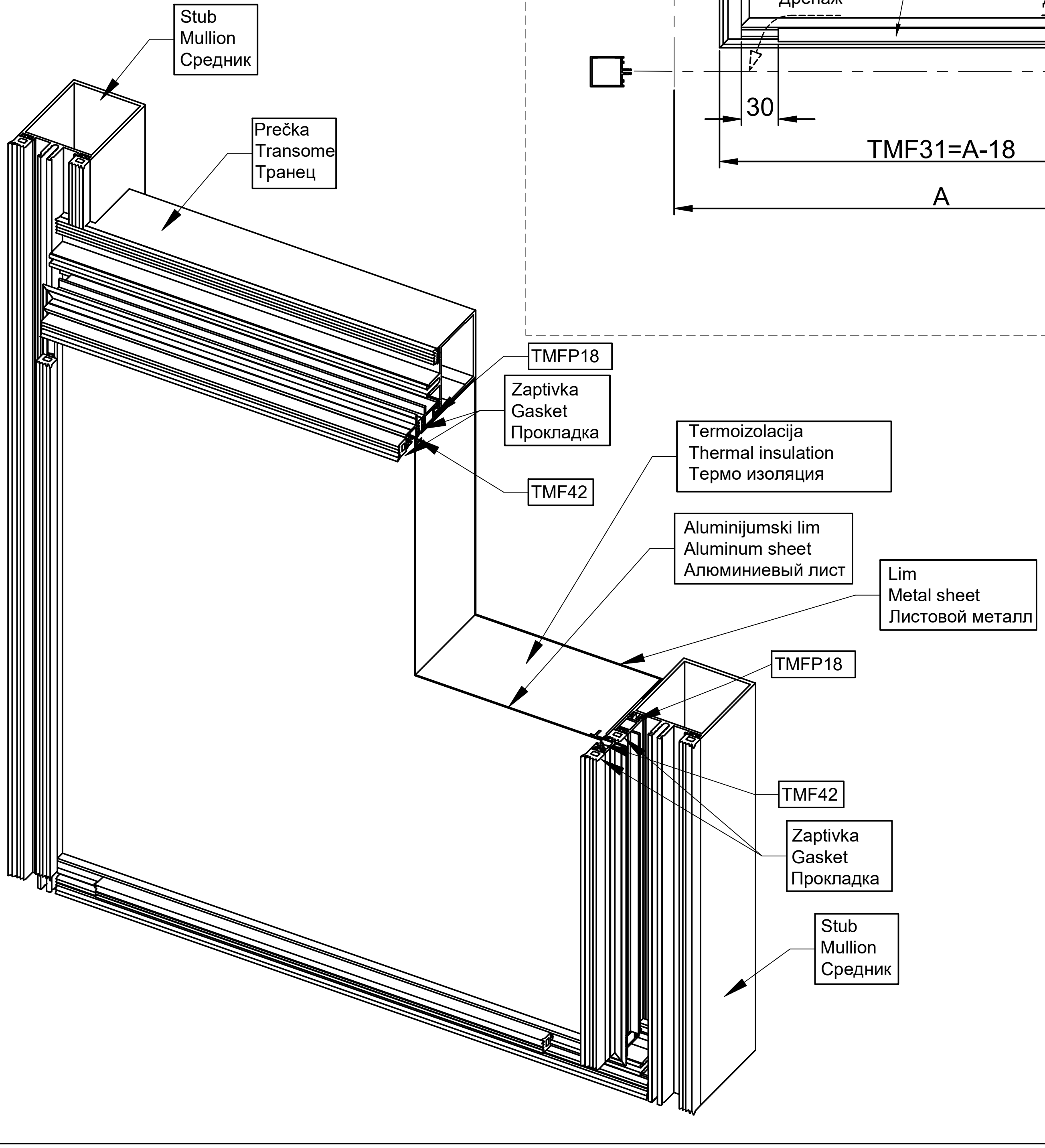


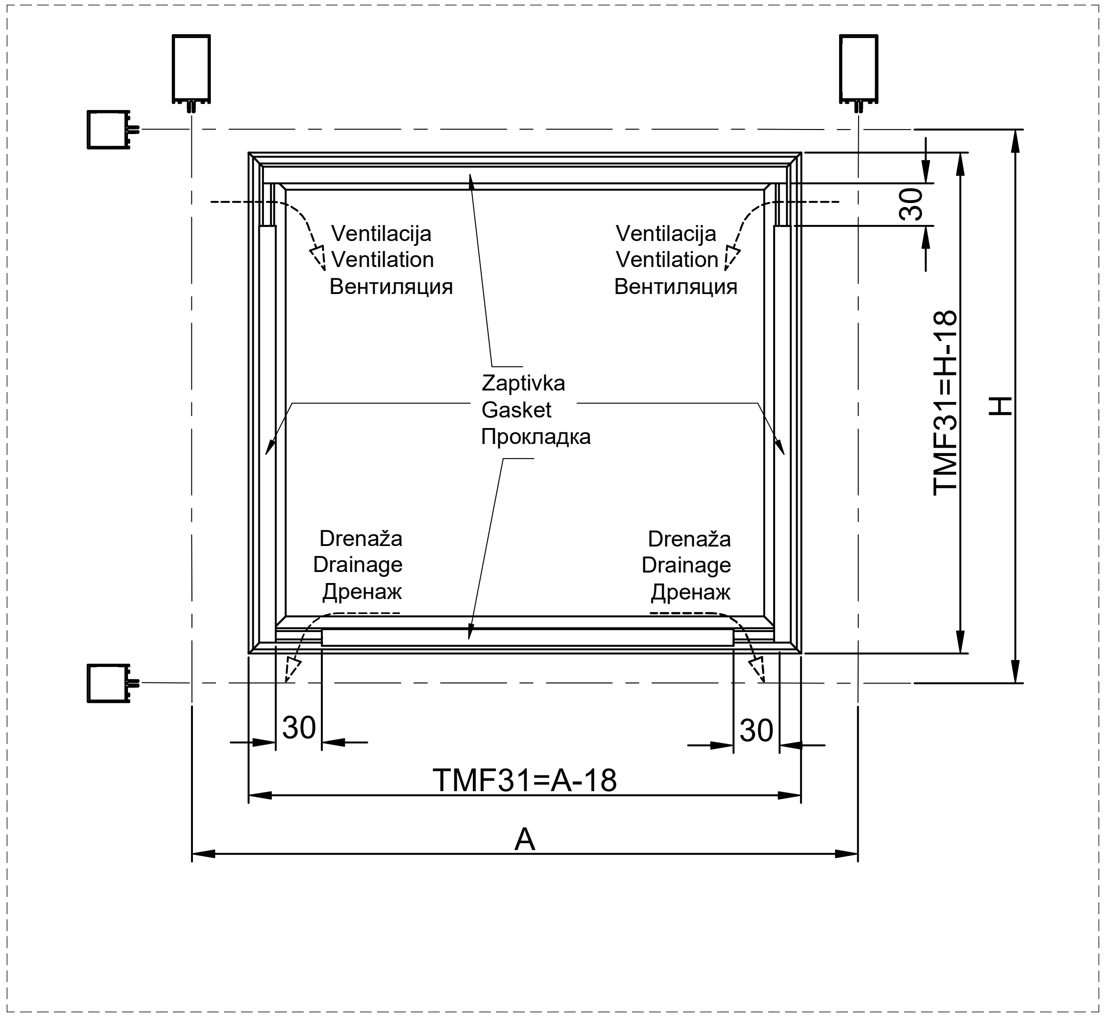
Postavljanje kape
Cover cap installation
Монтажные декоративных накладок

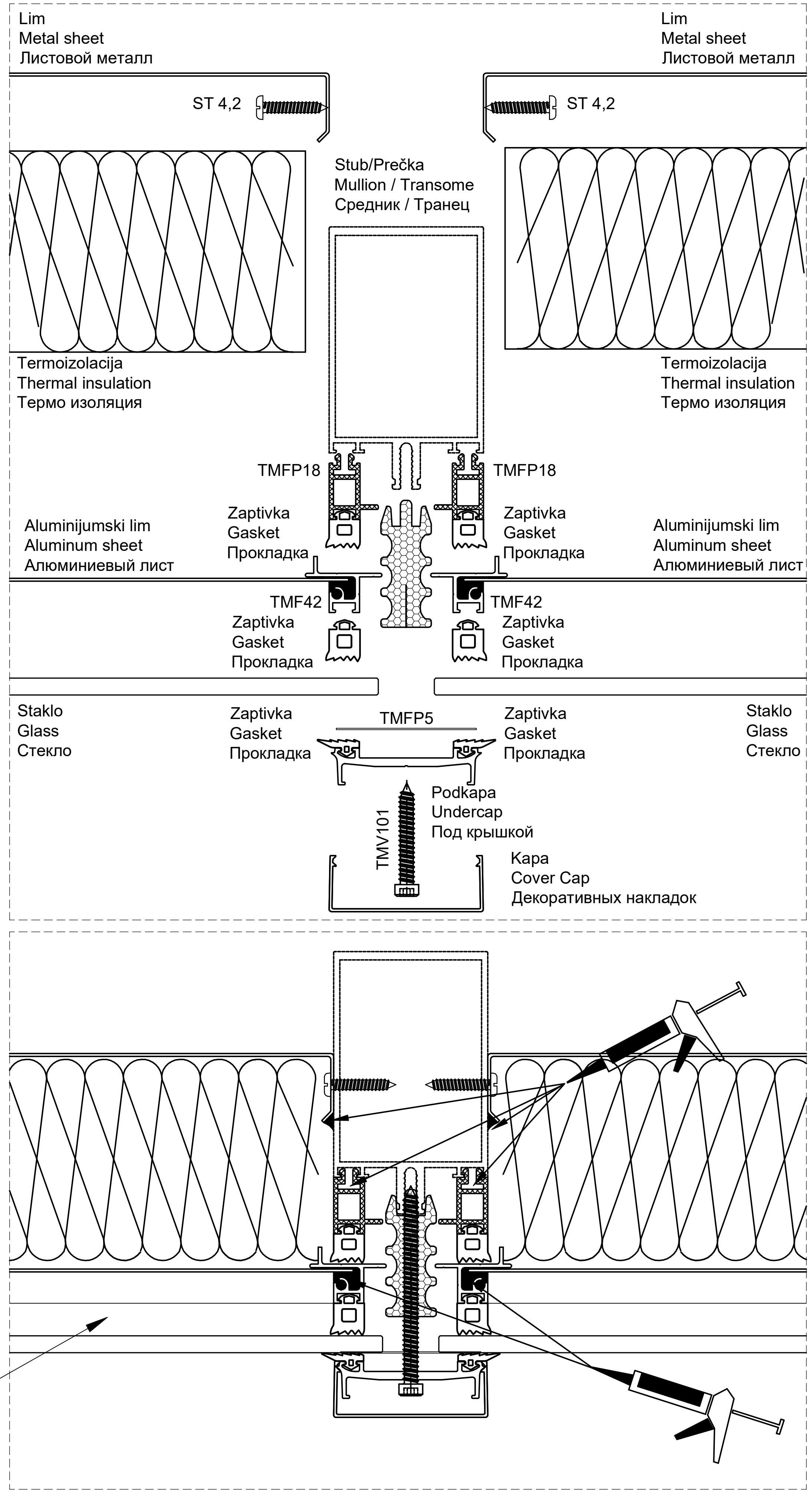






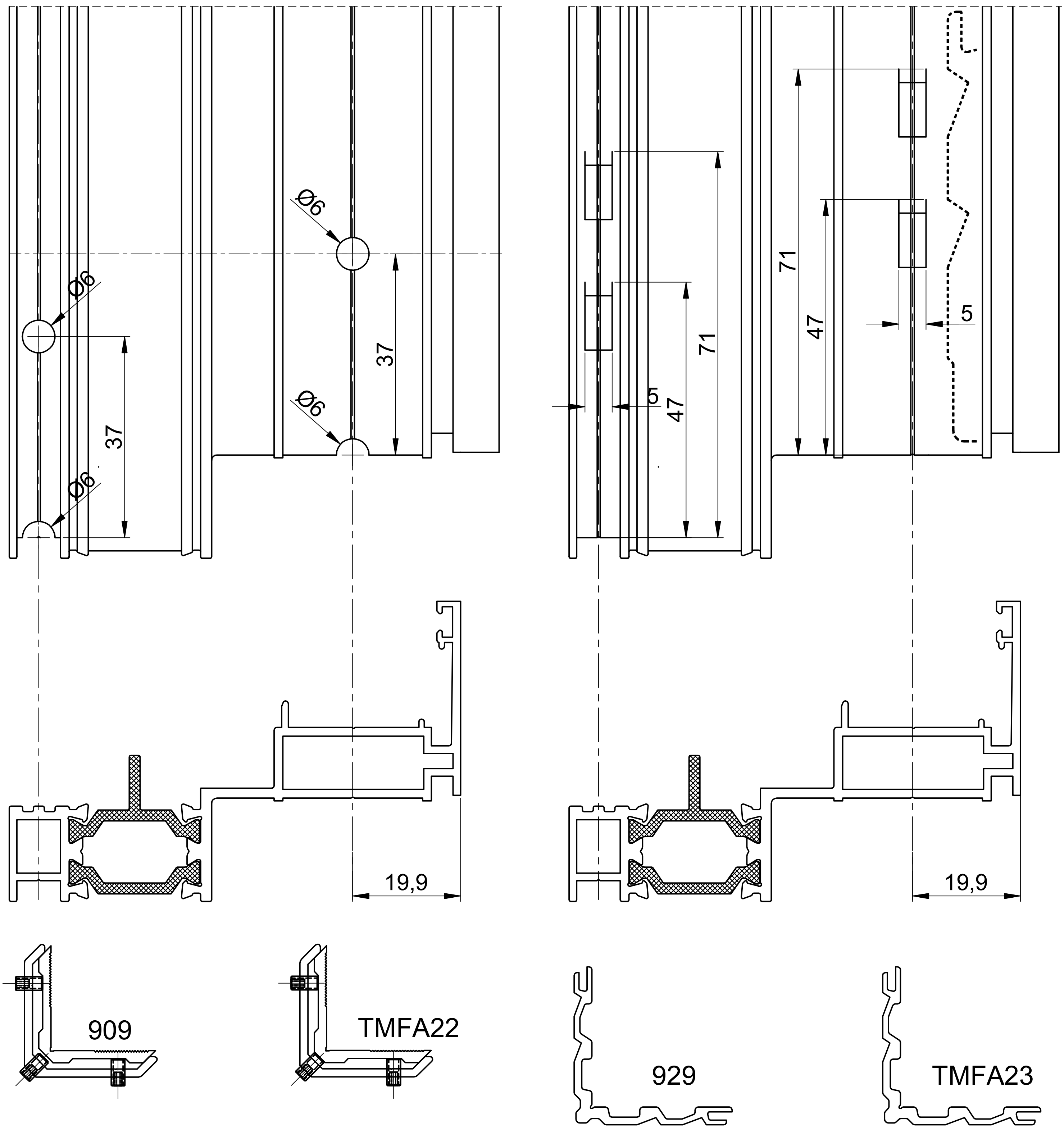

Parapetna zona
Spandrel zone
Эмалированное зона
Stub
Mullion
Средник
Prečka
Transome
Транец
TMFP18
Zaptivka
Gasket
Прокладка
TMF42
Termoizolacija
Thermal insulation
Термо изоляция
Aluminijumski lim
Aluminum sheet
Алюминиевый лист
Lim
Metal sheet
Листовой металл
TMFP18
TMF42
Zaptivka
Gasket
Прокладка
Stub
Mullion
Средник


Ventilacija
Ventilation
Вентиляция
Ventilacija
Ventilation
Вентиляция
Zaptivka
Gasket
Прокладка
Drenaža
Drainage
Дренаж
Drenaža
Drainage
Дренаж
30
TMF31=H-18
H
30
30
TMF31=A-18
A


Lim
Metal sheet
Листовой металл
Lim
Metal sheet
Листовой металл
ST 4,2
ST 4,2
Stub/Prečka
Mullion / Transome
Средник / Транец
Termoizolacija
Thermal insulation
Термо изоляция
Termoizolacija
Thermal insulation
Термо изоляция
TMFP18
TMFP18
Aluminijumski lim
Aluminum sheet
Алюминиевый лист
Zaptivka
Gasket
Прокладка
Zaptivka
Gasket
Прокладка
Aluminijumski lim
Aluminum sheet
Алюминиевый лист
TMF42
TMF42
Zaptivka
Gasket
Прокладка
Zaptivka
Gasket
Прокладка
Staklo
Glass
Стекло
Zaptivka
Gasket
Прокладка
TMFP5
Zaptivka
Gasket
Прокладка
Staklo
Glass
Стекло
Podkapa
Undercap
Под крышкой
TMV101
Kapa
Cover Cap
Декоративных накладок
Ventilisan međuprostor
Ventilated cavity
Вентилируемые полость

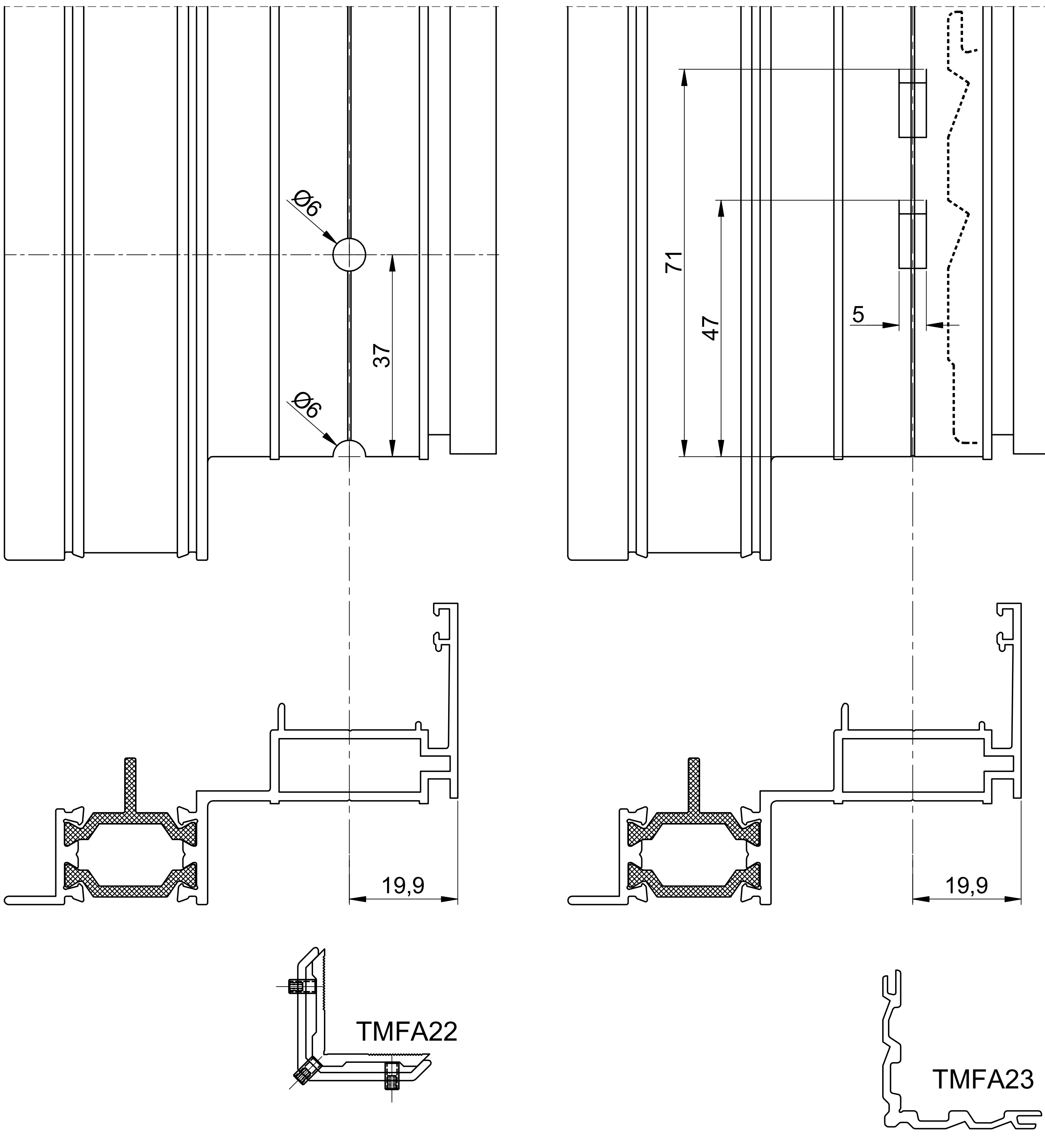
Koristiti LINEAL P1 presu
Use LINEAL P1 press
Использовать LINEAL P1 пресс

TMF 133
TMF 333
TMF 153
TMF 353

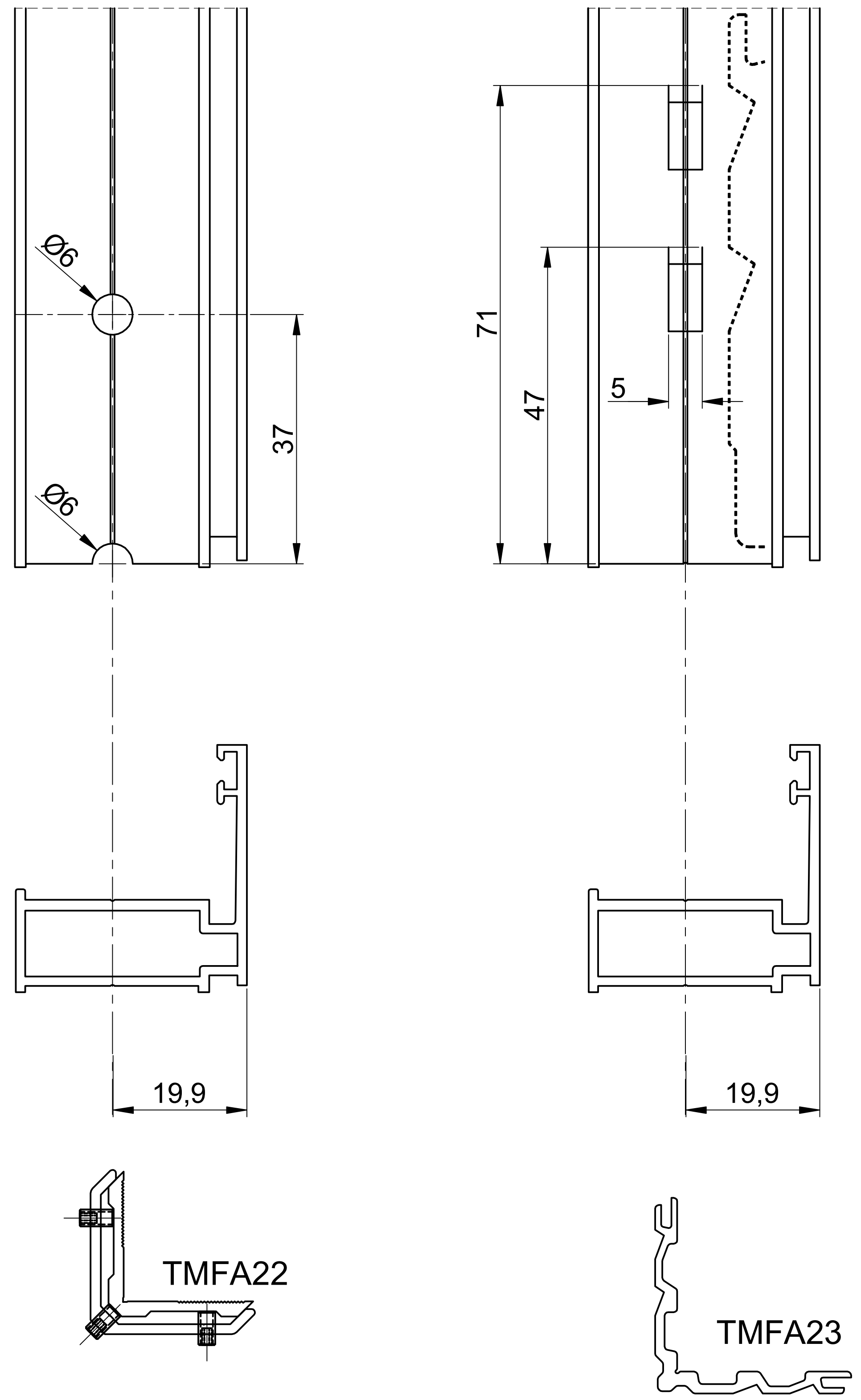


TMF 132
TMF 332

Koristiti LINEAL P1 presu
Use LINEAL P1 press
Использовать LINEAL P1 пресс

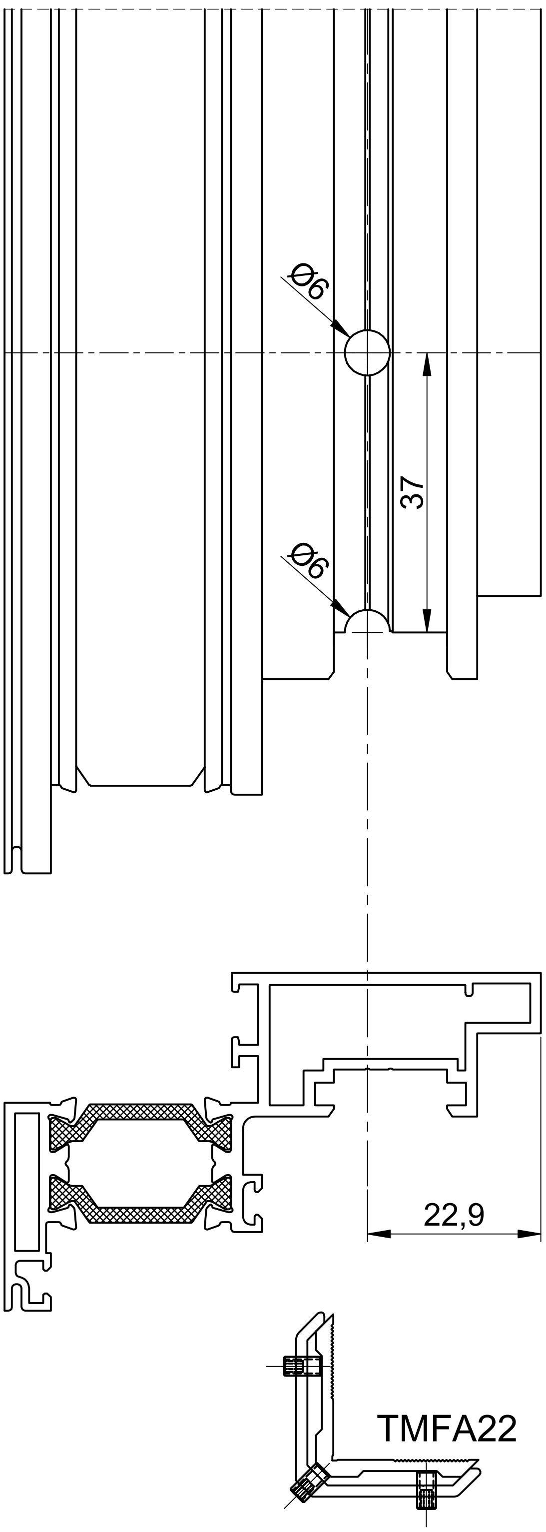


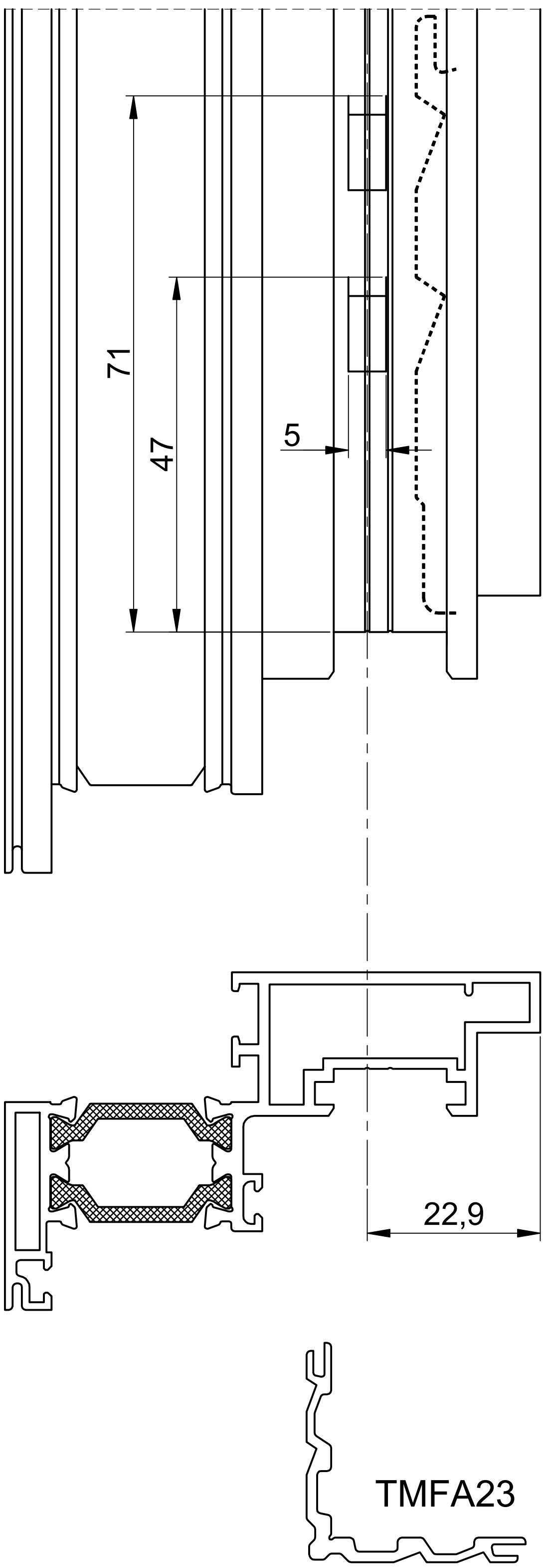
Koristiti LINEAL P1 presu
Use LINEAL P1 press
Использовать LINEAL P1 пресс



TMF 134
TMF 334

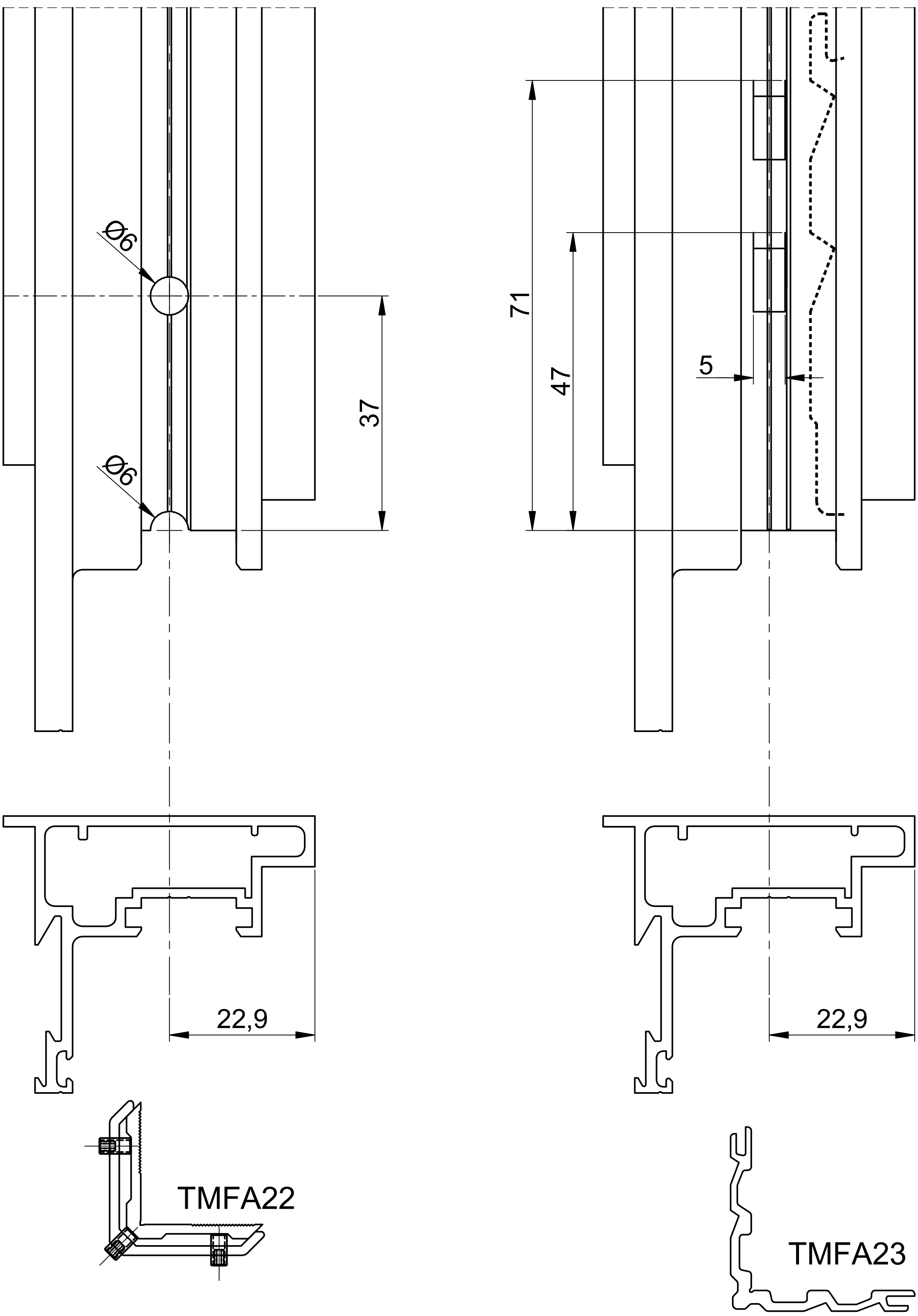
Koristiti LINEAL P1 presu
Use LINEAL P1 press
Использовать LINEAL P1 пресс



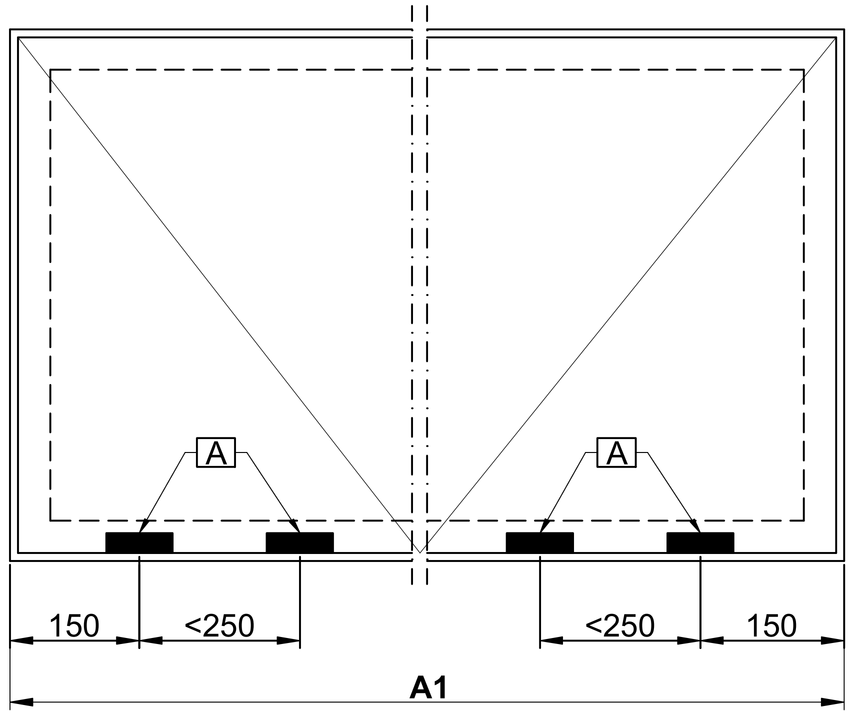


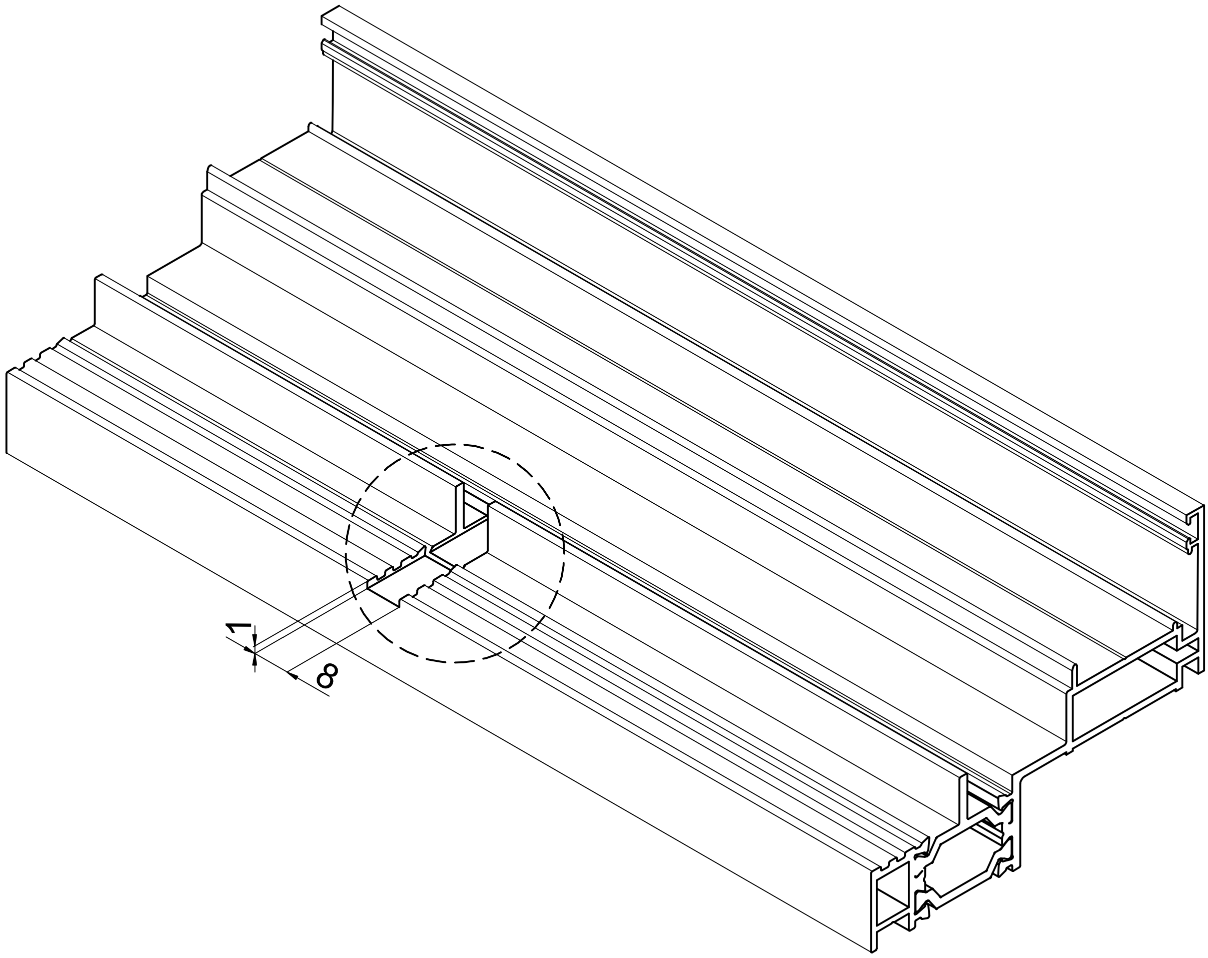
TMF 63

Koristiti LINEAL P1 presu
Use LINEAL P1 press
Использовать LINEAL P1 пресс

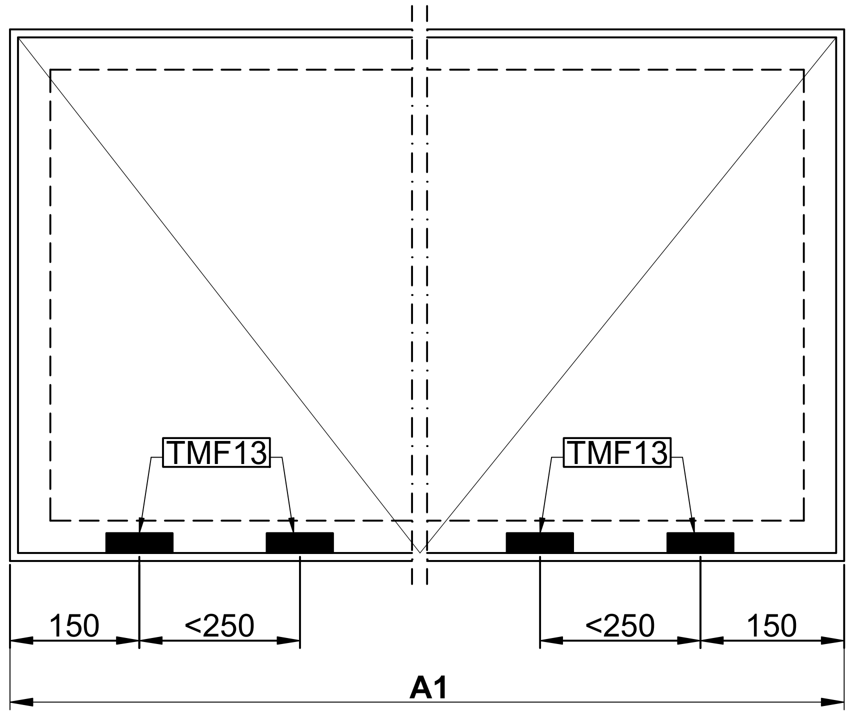


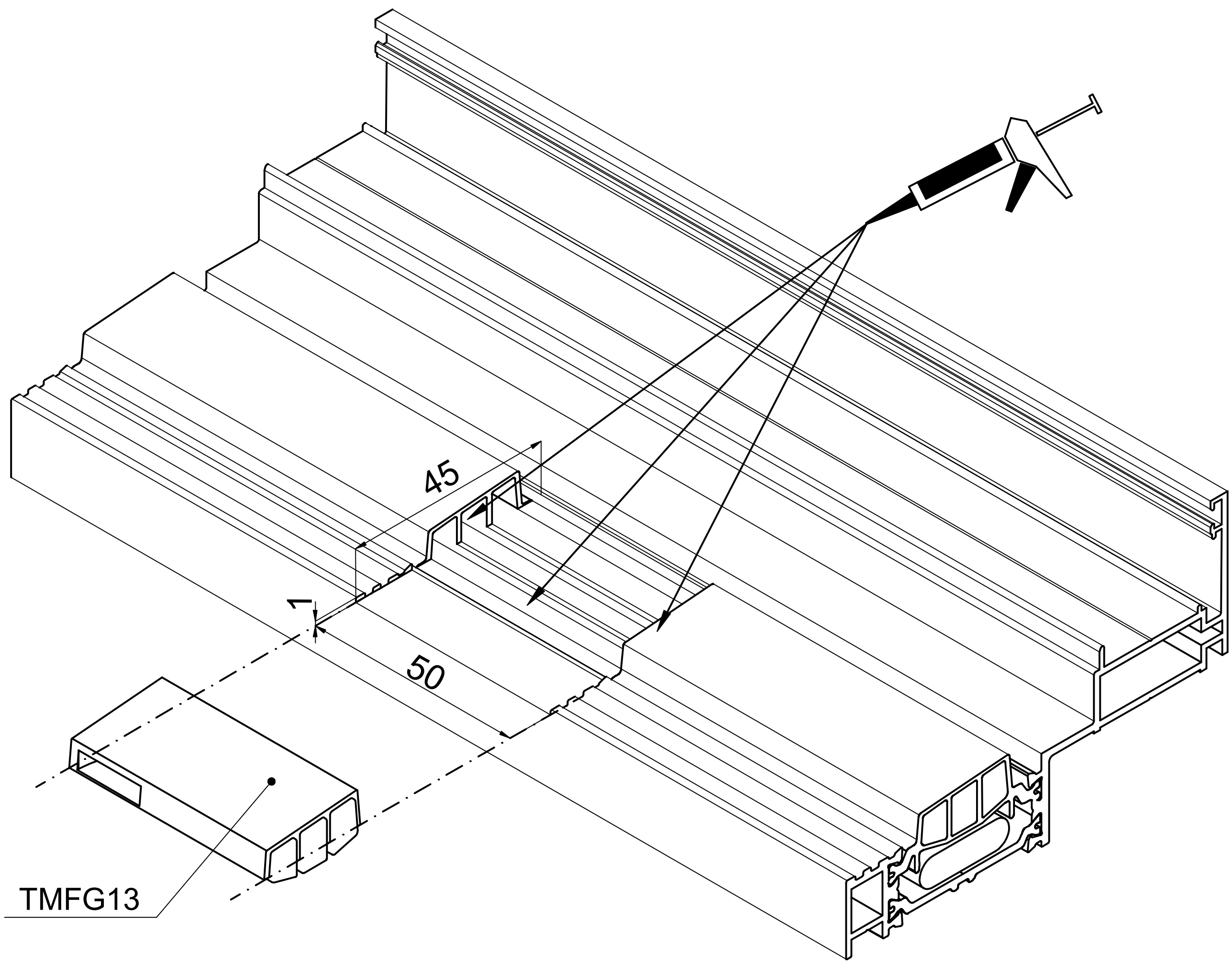
TMF 132
TMF 133
TMF 153



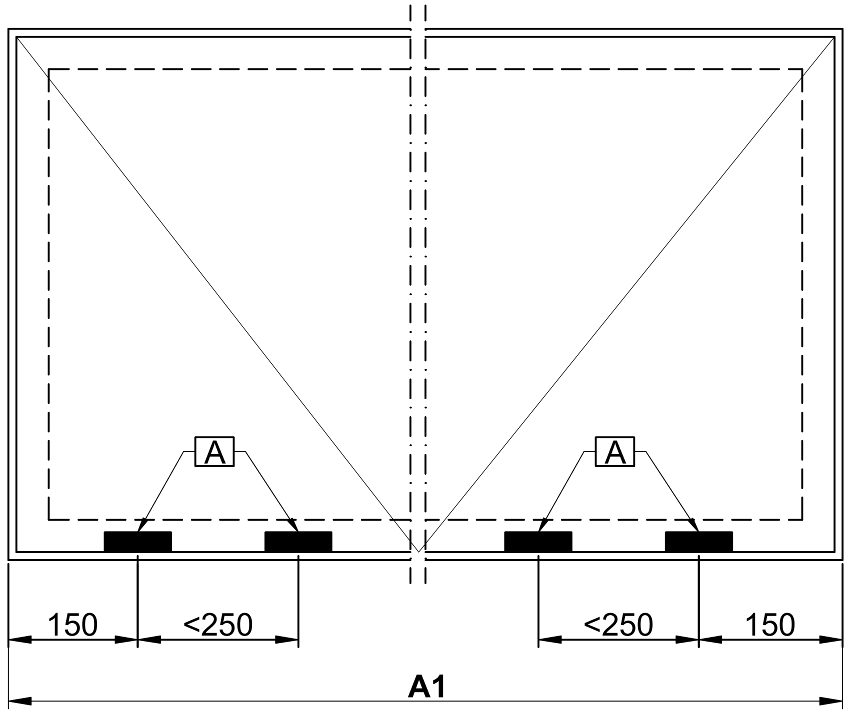


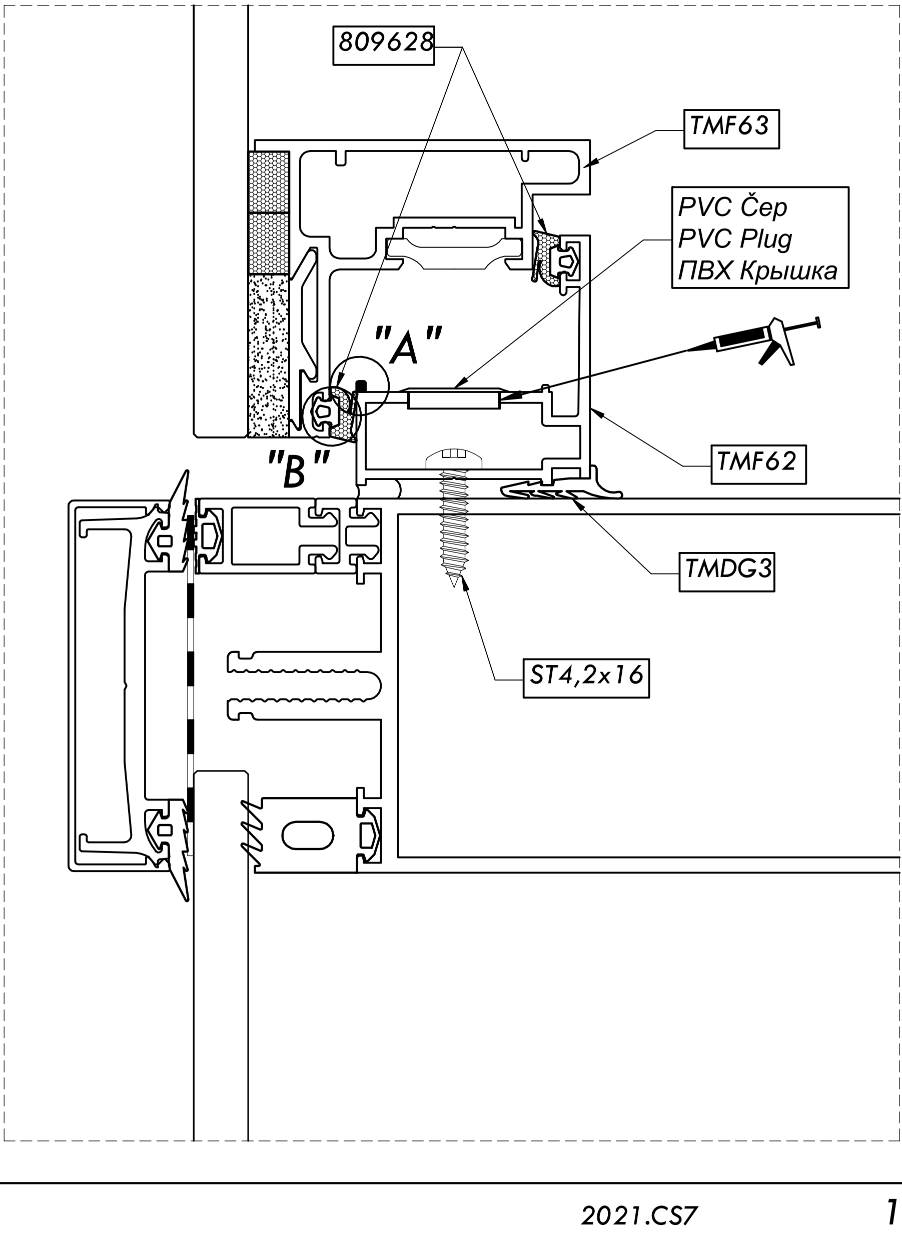
TMF 332
TMF 333
TMF 353

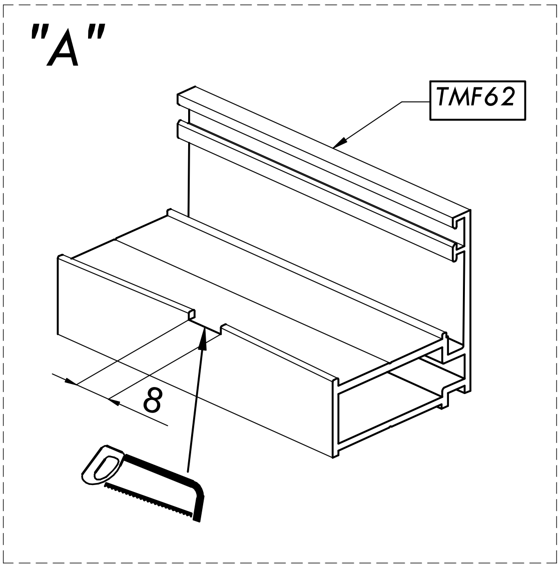


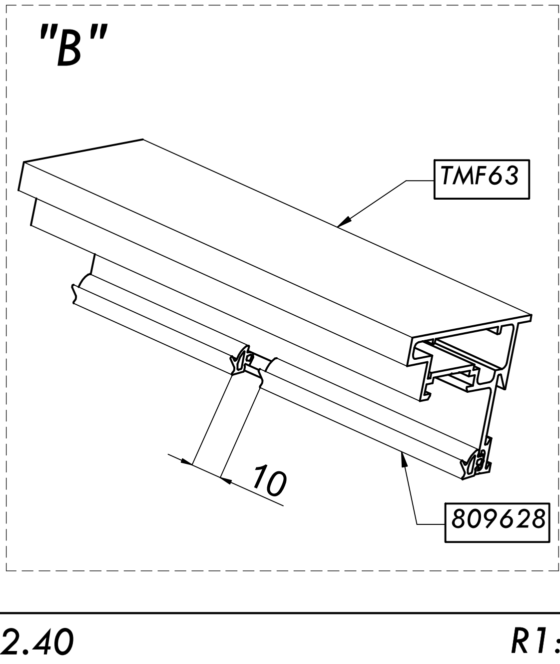


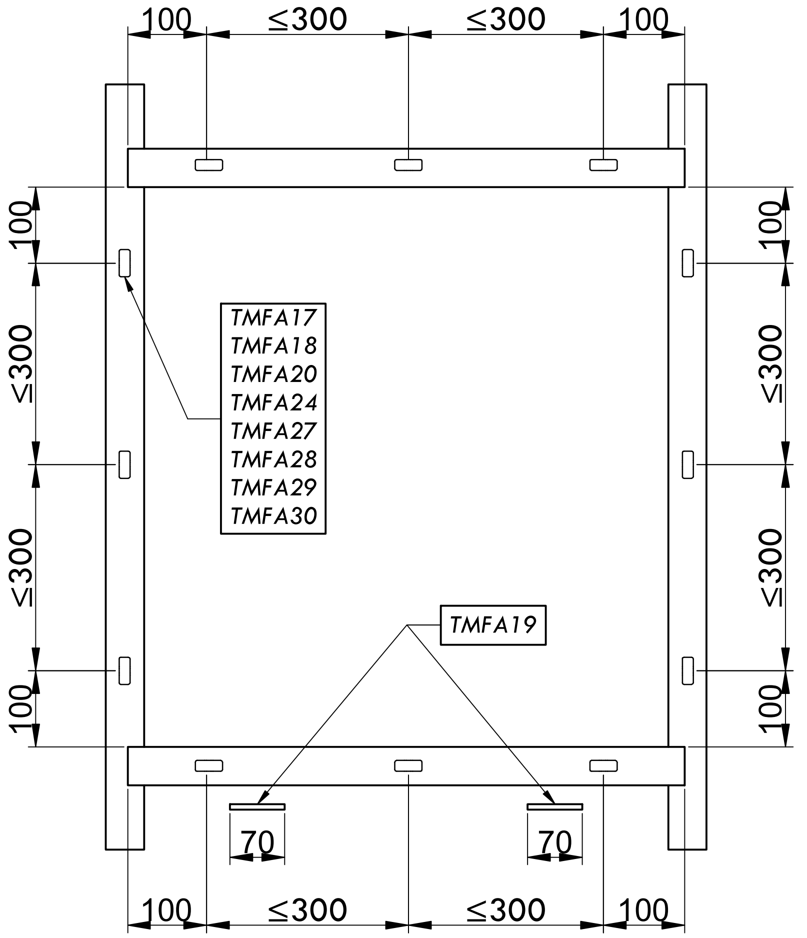
TMF 62
TMF 63

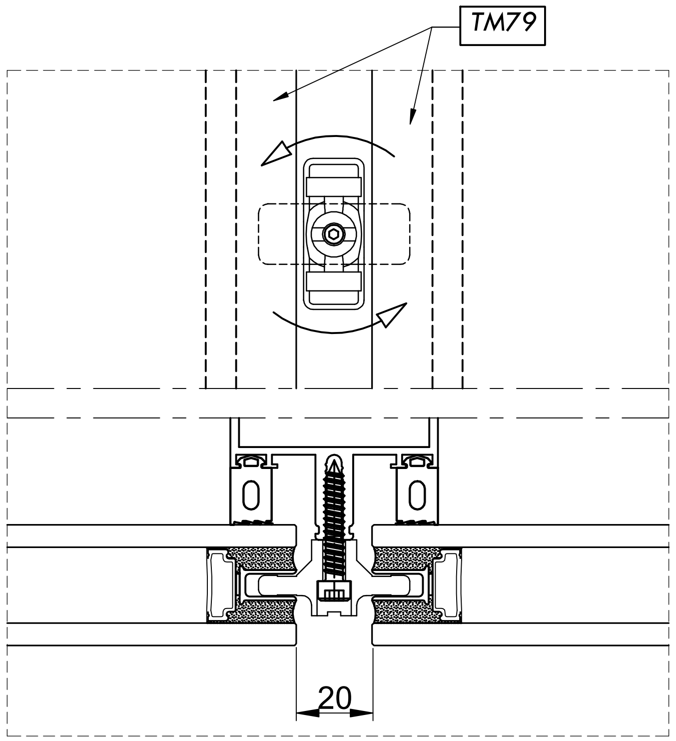

A
A
150
<250
<250
150
A1

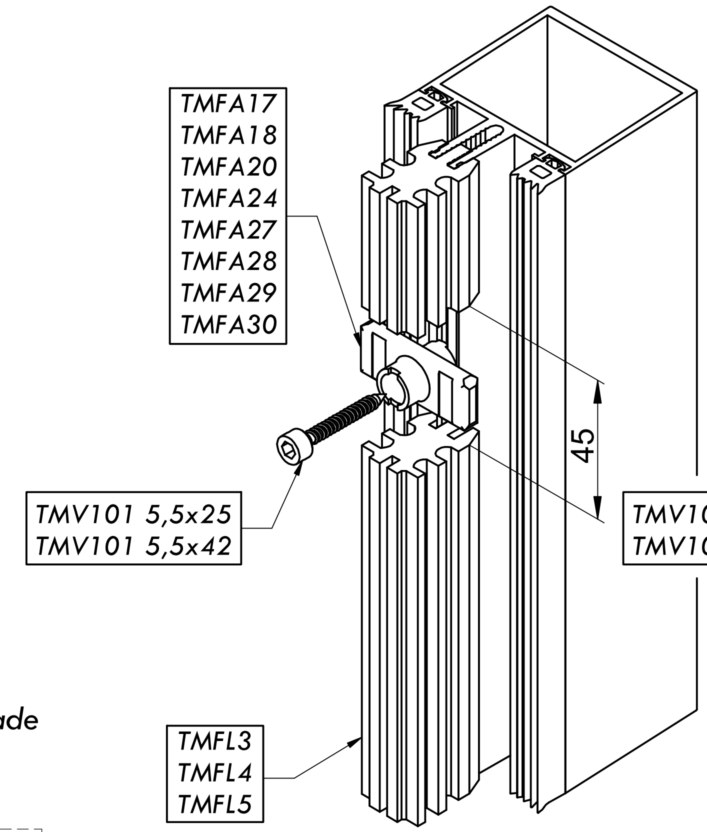

809628
TMF63
PVC Čep
PVC Plug
ПВХ Крышка
"A"
"B"
TMF62
TMDG3
ST4,2x16

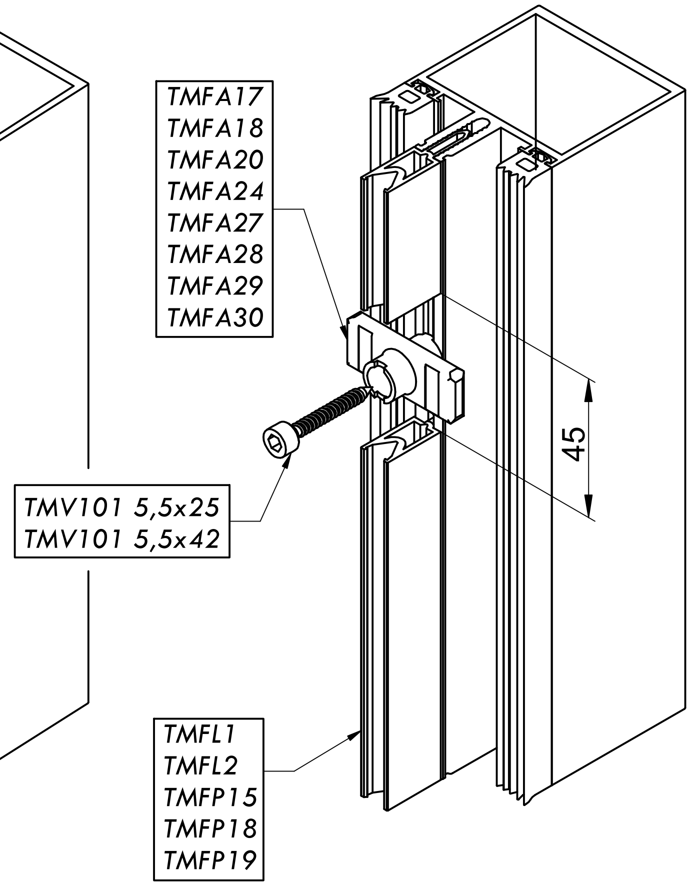

"A"
TMF62
8


"B"
TMF63
10
809628

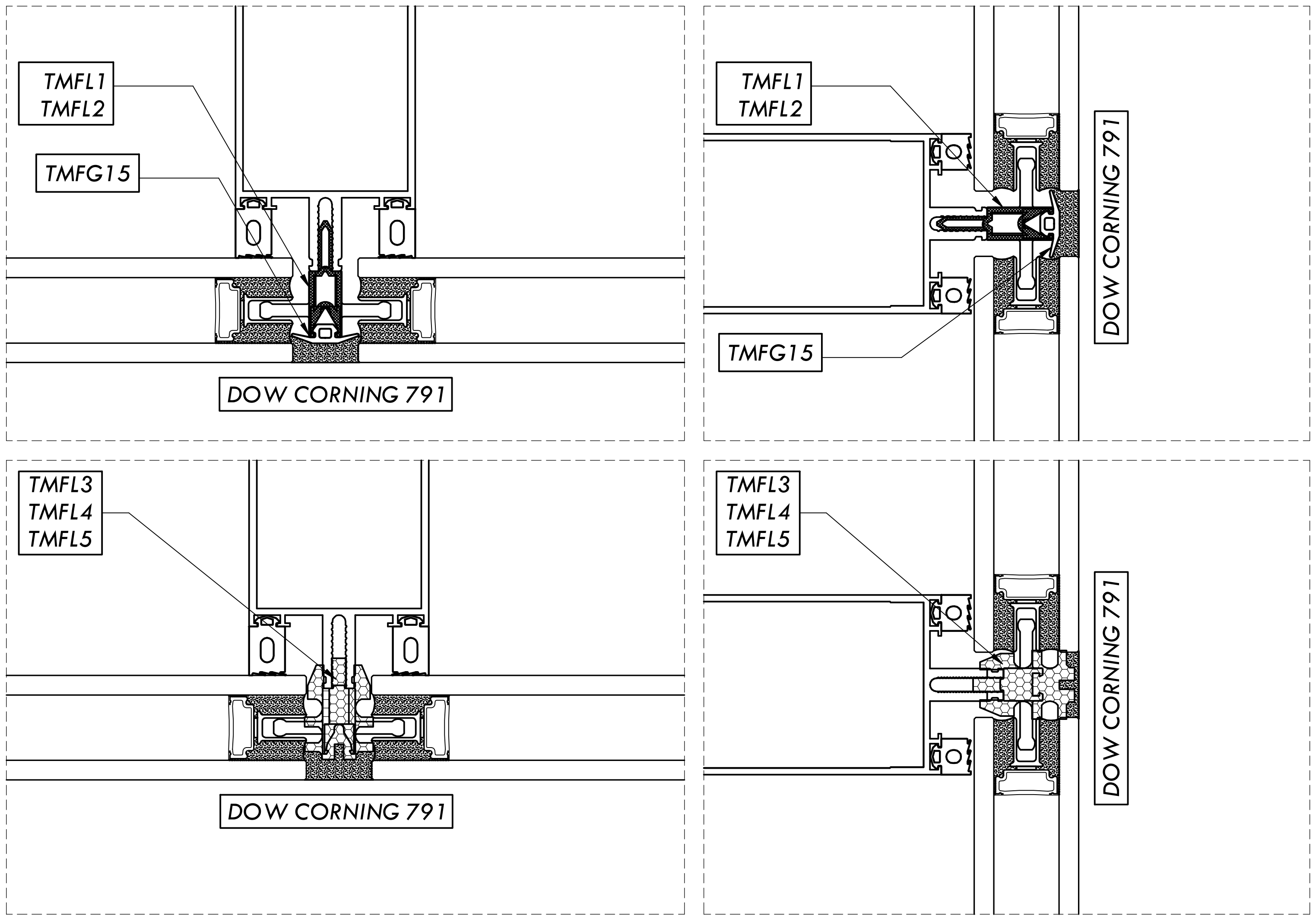


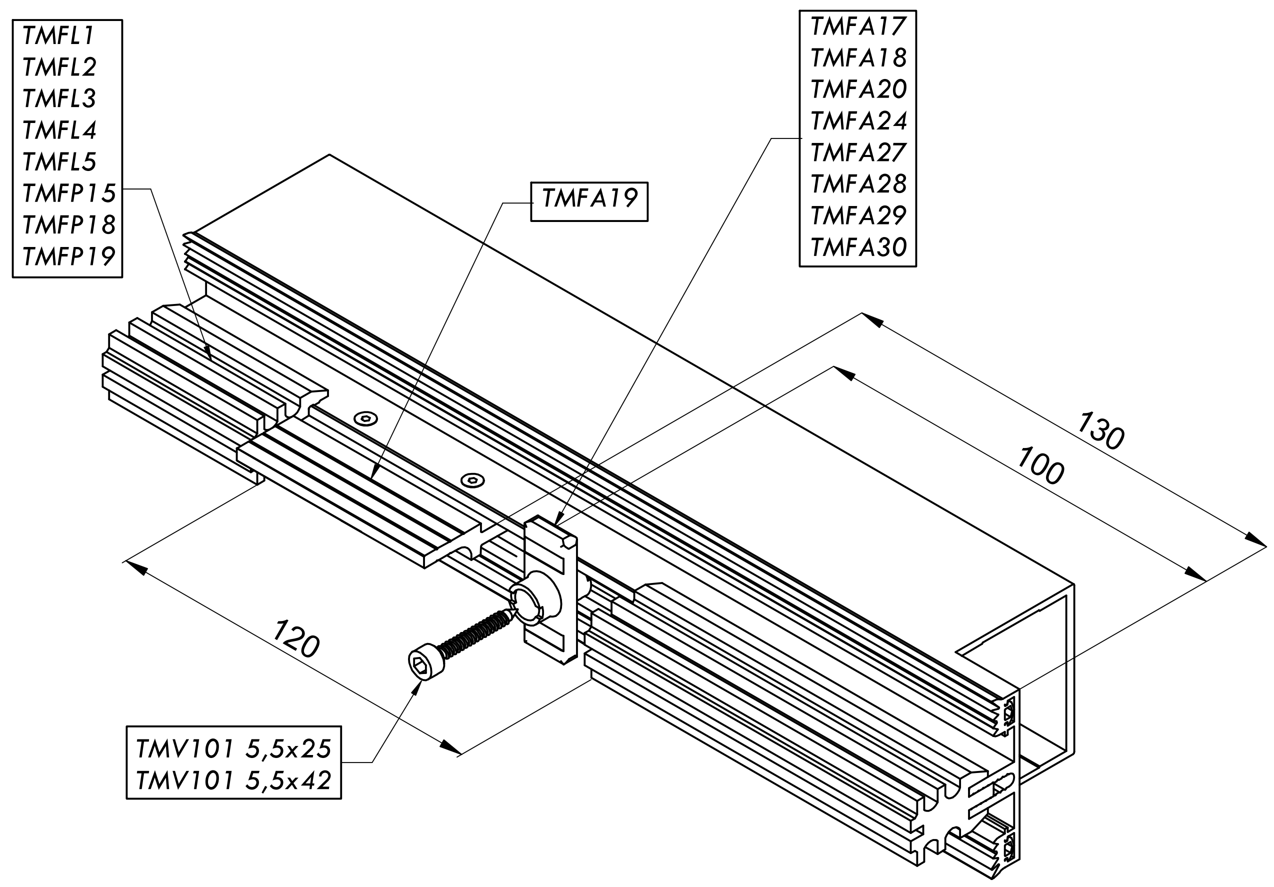


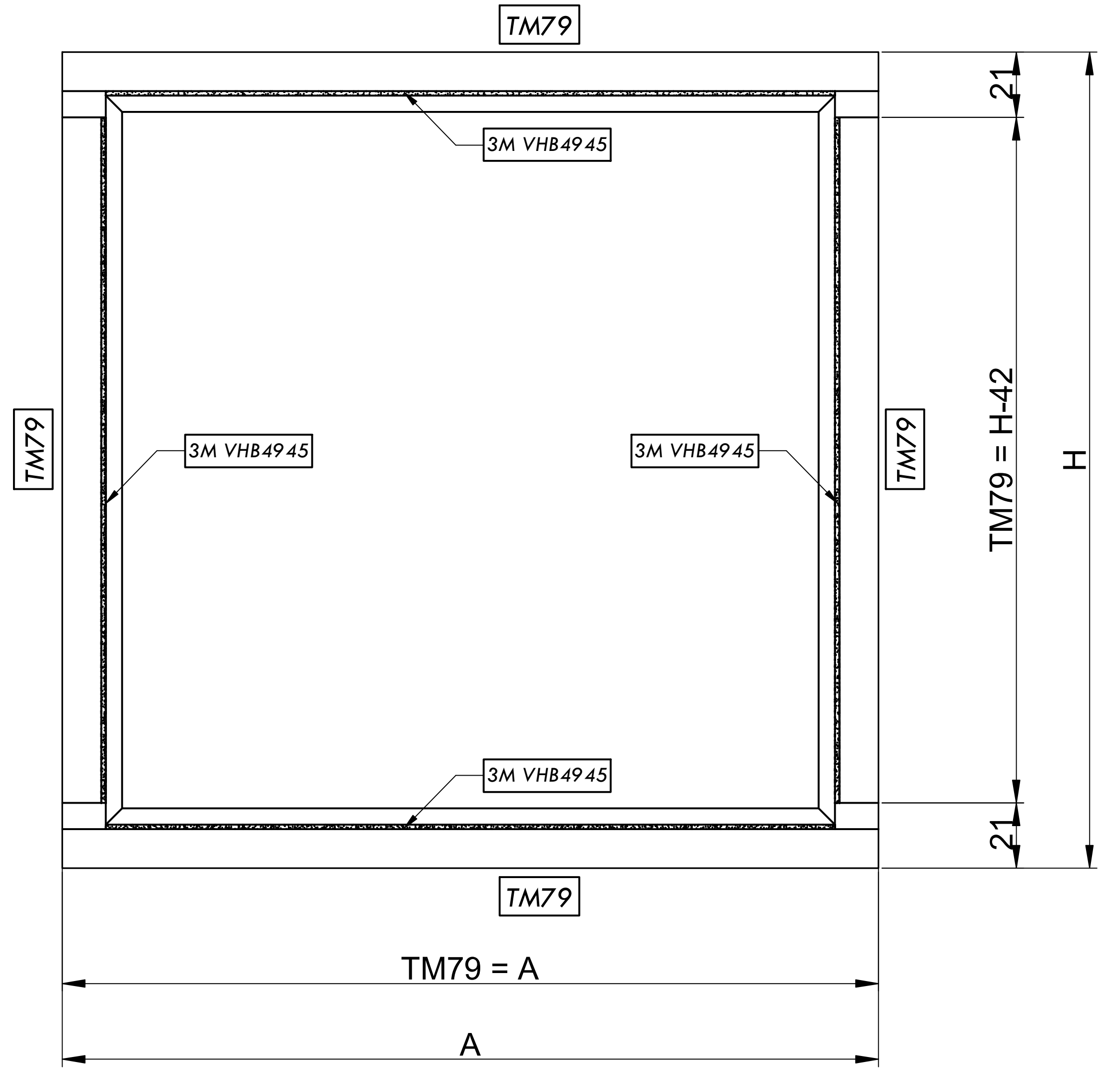


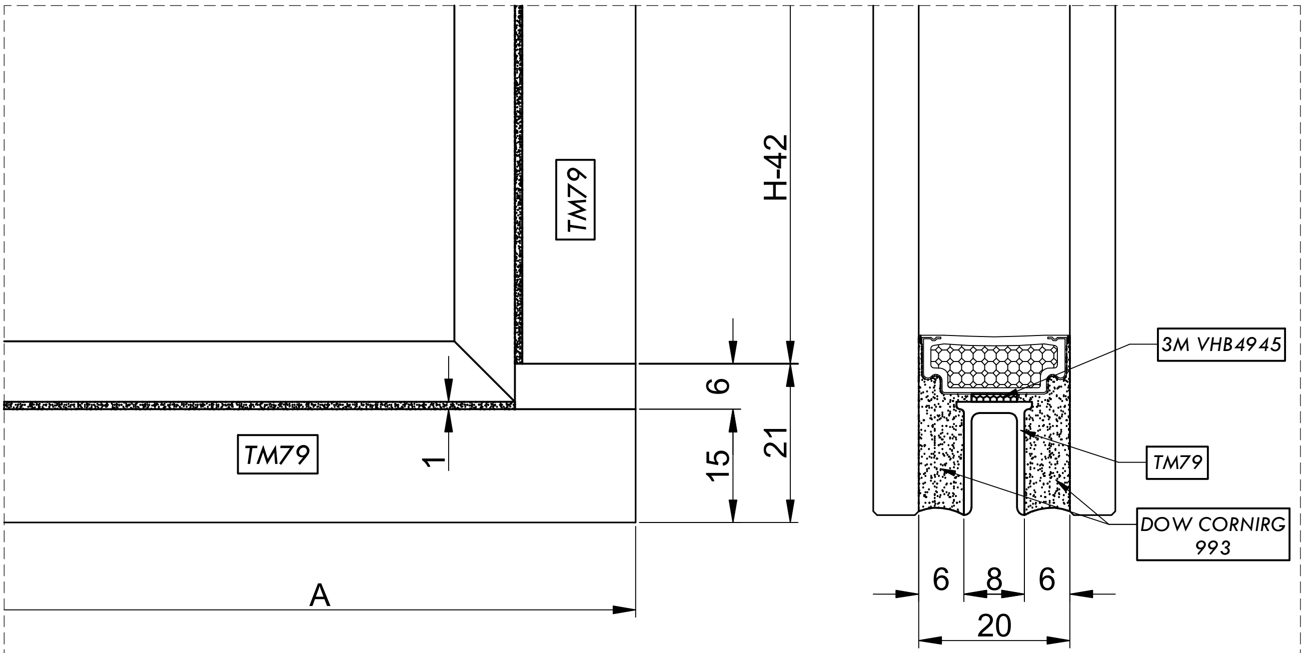


Završna obrada strukturalne fasade
Final treatman structural facade
Отделка структурная фасад





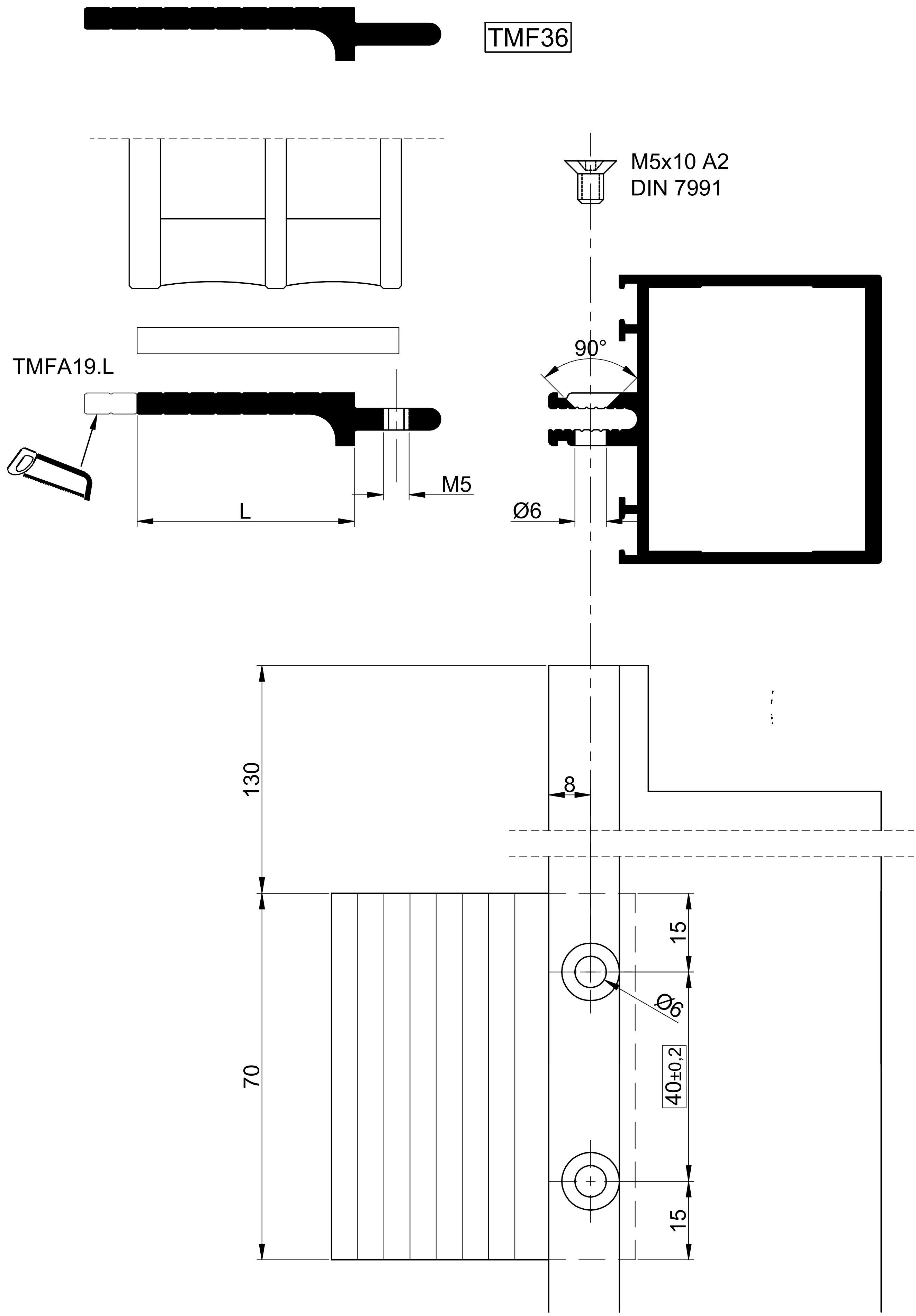




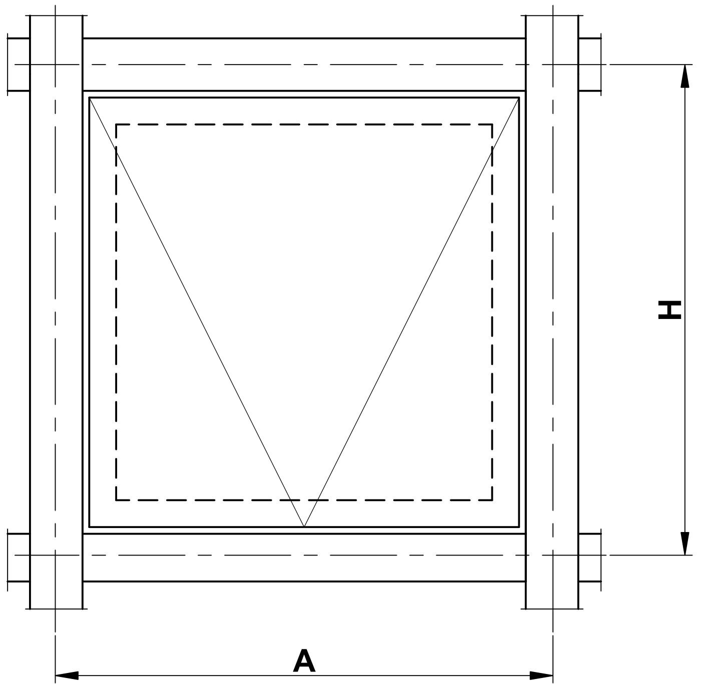
Profil TM79 zalepiti dvostrano lepljivom trakom 3M VHB4945. Međuprostor popuniti strukturalnim silikonom DOW CORNING 993 u sertifikovanoj ustanovi.

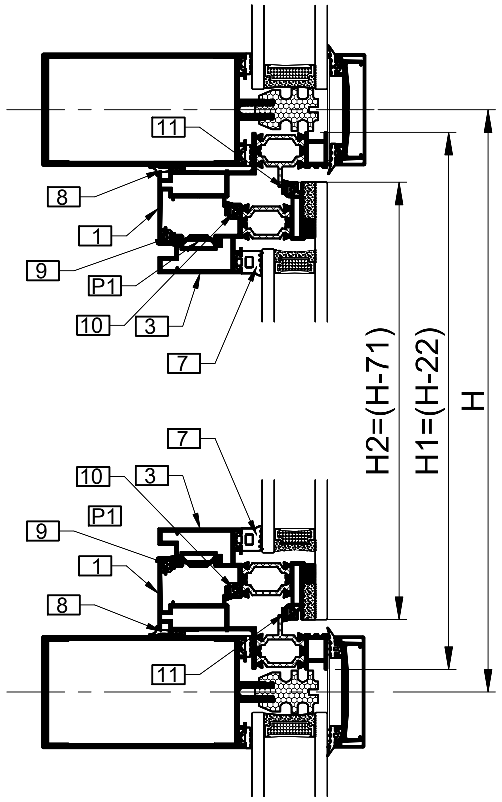
Profile TM79 stick with double-sided adhesive tape 3M VHB 4945. Interspaces fill with structural silicone DOW CORNING 993 by a certified institution.

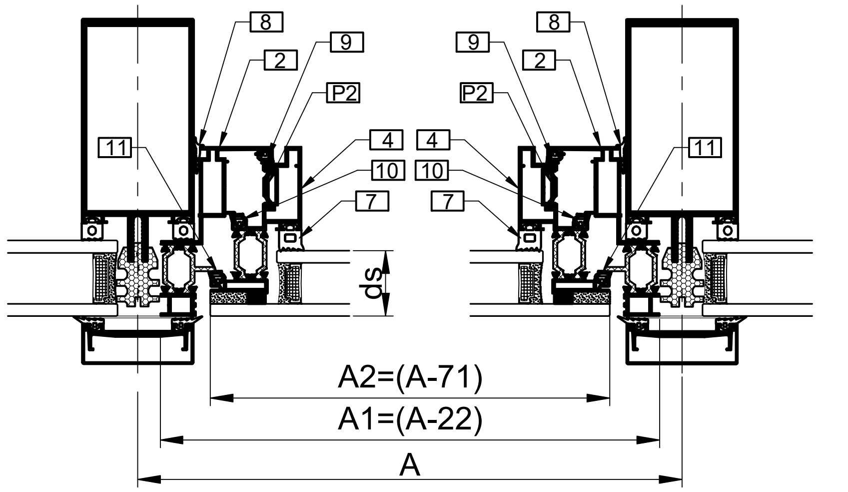
Профиль TM79 вставьте двусторонняя клейкая лента 3M VHB 4945. Межстрочный интервал, чтобы заполнить структурная силиконовая DOW CORNING 993 у сертифицированным учреждением.

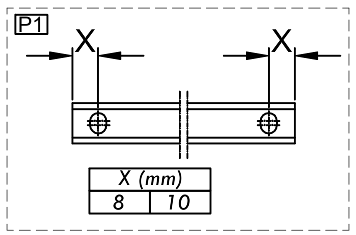


TMF36
M5x10 A2
DIN 7991
90°
TMFA19.L
L
M5
Ø6
130
8
70
15
Ø6
40±0,2
15









Profili/Profiles /Профили

	II*	II*	III*	III*
	133	153	333	353
	134		334	
	TM33			

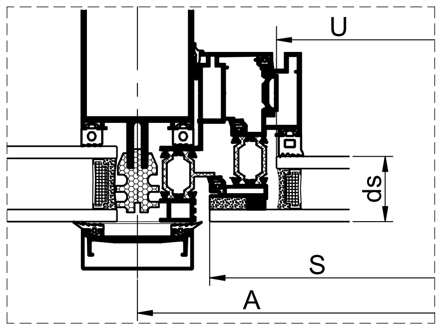
i	mm	kom	αa/αb
1	A1=A-22	x2	45°/45°
2	H1=H-22	x2	45°/45°
3	A2=A-71	x2	45°/45°
4	H2=H-71	x2	45°/45°
P1	L1=(A2/2)-76+2X	x2	90°/90°
P2	L2=H2-LM*-230	x2	90°/90°

II* - Dvostruko stakolo / Double glazing / Двойное остекление
III* - Trostruko stakolo / Triple glazing / Тройной остекление
LM* - Dužina makaze / Top-hung arm lenght / Длина ножницы

4060.05.55	LM = 16" (406mm)
4060.07.55	LM = 20" (508mm)
4060.08.55	LM = 24" (610mm)
4060.09.55	LM = 28" (711mm)

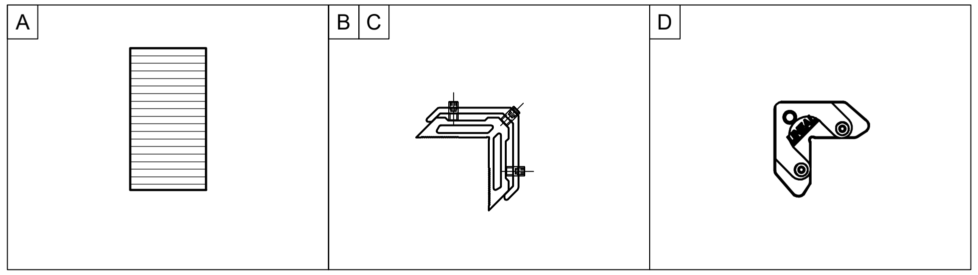
Staklo/Glass /Стекло

II*	III*
ds=32mm	ds=52mm
S = (A-71)x(H-71)	
U = (A-137)x(H-137)	
x1	



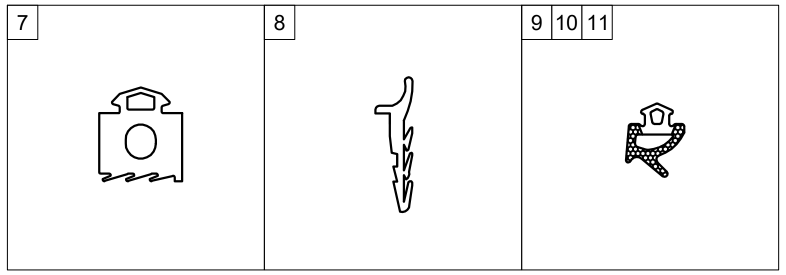
Pribor/Hardware /Аксессуаров

	opis/description/опицание	II*	III*	kom/pc/шт
A	podloška za staklo / glazing pad / коврик из стекла	30x75x5	50x75x5	2
B	ugaona spojnica / corner joint / угловое соединение	909 / 929		4
C	ugaona spojnica / corner joint / угловое соединение	TMFA22 / TMFA23		8
D	spojnica u peru / thorn clip / суставы в перу	TMA 17		4
E	vijak / screw / винт	DIN 7982 2,9x9,5 (A2)		2-5
F	Sigurnosni oslonac stakla / Safety glazing support / *Поддержка безопасности остекления*	TMFA26		2



Zaptivke/Gaskets /Резина

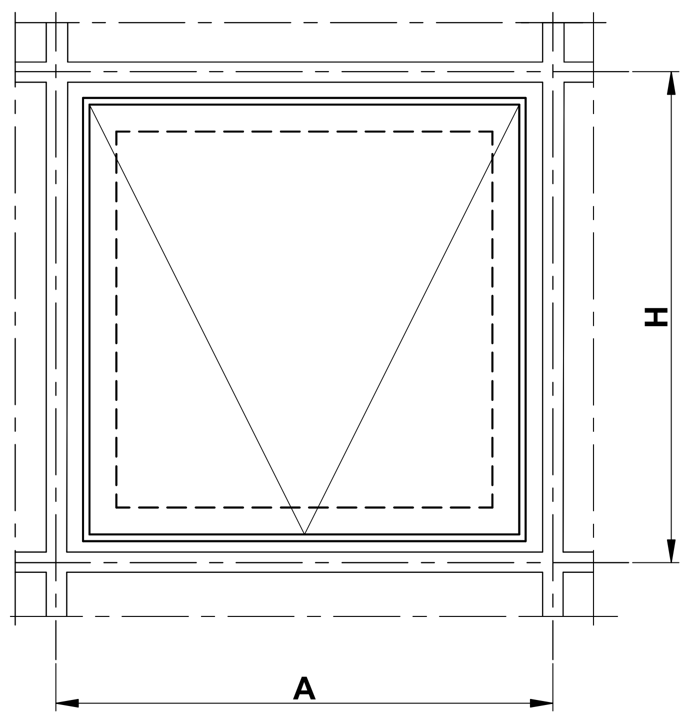
	opis/description/опицание	II*	III*	metara/meter/метр
7	zaptivka za staklo / glazing gasket / остекление прокладка	TMFG1		2x(A2-60)+2x(H2-60)
8	zaptivka na štoku / casement gasket / прокладка на раме	TMDG3		2xA1+2xH1
9	zaptivka na štoku / casement gasket / прокладка на раме	809627		2x(A1-100)+(2xH1-100)
10	zaptivka na krilu / casement gasket / прокладка на раме	809627		2x(A2-20)+2x(H2-20)
11	zaptivka na krilu / casement gasket / прокладка на раме	809627		2xA2+2xH2

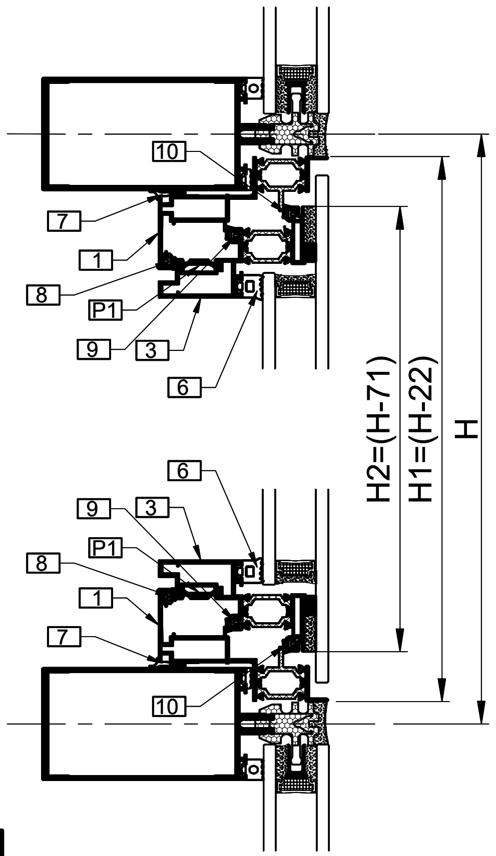


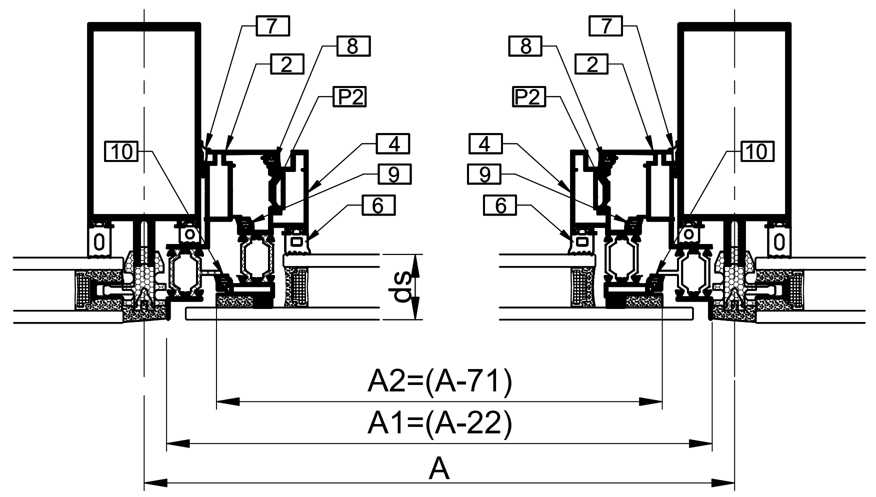
Garnitura okova/Fetter set /Оконные гарнитури

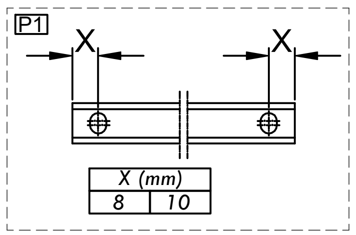
	opis/description/опицание					II*	III*	kom/pc/шт
12	Ručica sa priborom / Handle with accessories / Ручка с крепежным набором					1140.00		1
13	Ugaoni prenosnik / Corner trasmission / Угловои переходник					4010.20		2
14	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.10		2
15	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.04		1
16	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.05.02		8 (10)
17	Gornji zabravljivač / Upper interlock / Верхняя блокировка					4060.45		1*
18	Pribor makaze / Scissors accessories / Аксессуары ножниц					4060.09.50R		1
19	Makaze / Top-hung arm / Ножницы	H (mm)	min	600	160 kg (max)	4060.05.55R		1
			max	1200				
		H (mm)	min	1200	160 kg (max)	4060.07.55R		1
			max	1600				
		H (mm)	min	1600	160 kg (max)	4060.08.55R		1
			max	1800				
		H (mm)	min	1800	160 kg (max)	4060.09.55R		1
			max	2000				

*Za širinu krila >1200mm - 2 kom. / For sash width >1200mm - 2 pc. / Для ширина створки >1200мм - 2 шт.



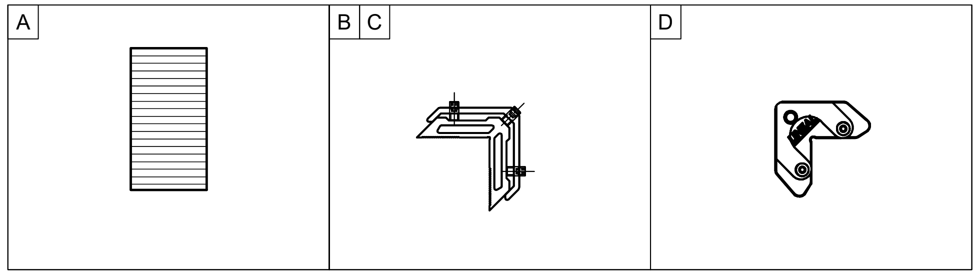






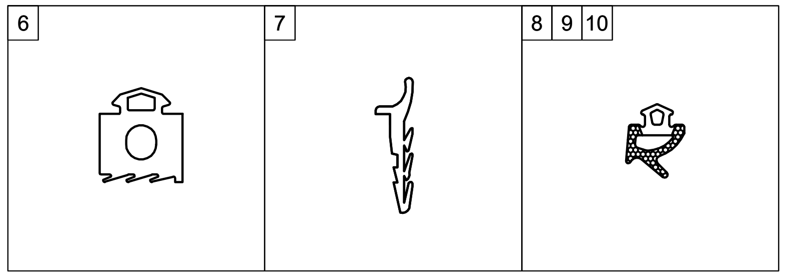
Pribor/Hardware /Аксессуаров

	opis/description/опицание	II*	III*	kom/pc/шт
A	podloška za staklo / glazing pad / коврик из стекла	30x75x5	50x75x5	2
B	ugaona spojnica / corner joint / угловое соединение	TMFA22 / TMFA23		8
C	spojnica u peru / thorn clip / суставы в перу	TMA 17		4
D	vijak / screw / винт	DIN 7982 2,9x9,5 (A2)		2-5
E	Sigurnosni oslonac stakla / Safety glazing support / *Поддержка безопасности остекления*	TMFA25		2



Zaptivke/Gaskets /Резина

	opis/description/опицание	II*	III*	metara/meter/метр
6	Zaptivka za staklo / glazing gasket / остекление прокладка	TMFG1		2x(A2-60)+2x(H2-60)
7	Zaptivka na štoku / casement gasket / прокладка на раме	TMDG3		2xA1+2xH1
8	Zaptivka na štoku / casement gasket / прокладка на раме	809627		2x(A1-100)+(2xH1-100)
9	Zaptivka na krilu / casement gasket / прокладка на раме	809627		2x(A2-20)+2x(H2-20)
10	Zaptivka na krilu / casement gasket / прокладка на раме	809627		2xA2+2xH2



Profili/Profiles /Профили

	II*	III*
	132	332
	134	334
	TM33	

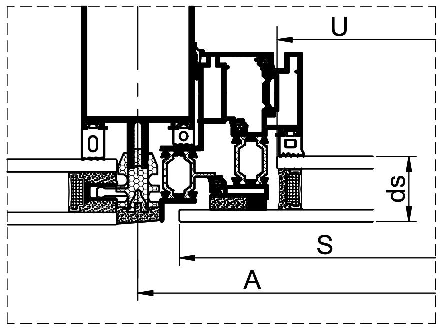
i	mm	kom	αa/αb
1	A1=A-22	x2	45°/45°
2	H1=H-22	x2	45°/45°
3	A2=A-71	x2	45°/45°
4	H2=H-71	x2	45°/45°
P1	L1=(A2/2)-76+2X	x2	90°/90°
P2	L2=H2-LM*-230	x2	90°/90°

II - Dvostruko staklo / Double glazing /* Двойное остекление
III - Trostruko staklo / Triple glazing /* Тройной остекление
LM - Dužina makaze / Top-hung arm lenght /* Длина ножницы

4060.05.55	LM = 16" (406mm)
4060.07.55	LM = 20" (508mm)
4060.08.55	LM = 24" (610mm)
4060.09.55	LM = 28" (711mm)

Staklo/Glass /Стекло

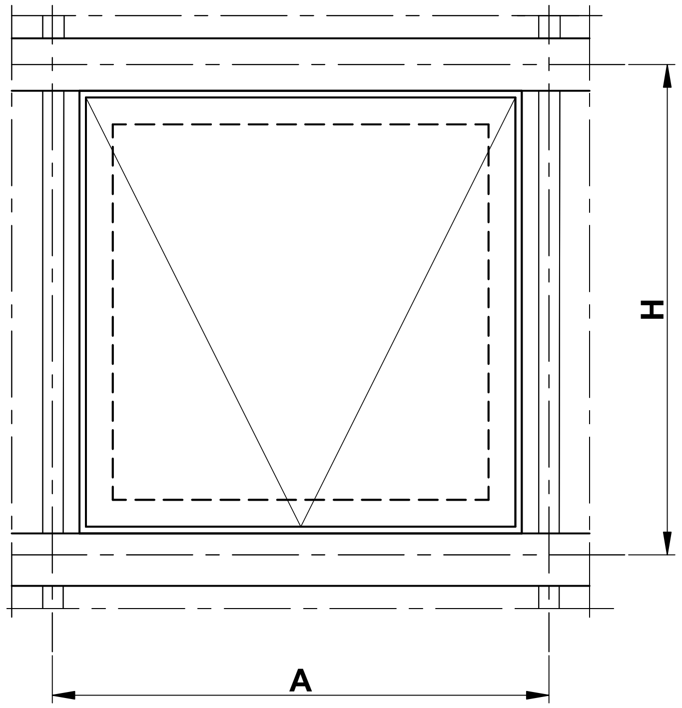
II*	III*
ds=32mm	ds=52mm
S = (A-39)x(H-39)	
U = (A-137)x(H-137)	
x1	

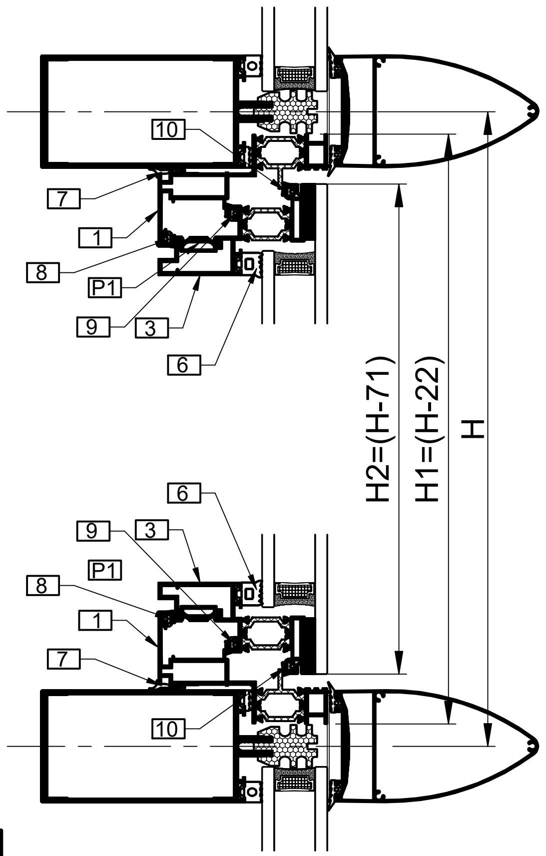


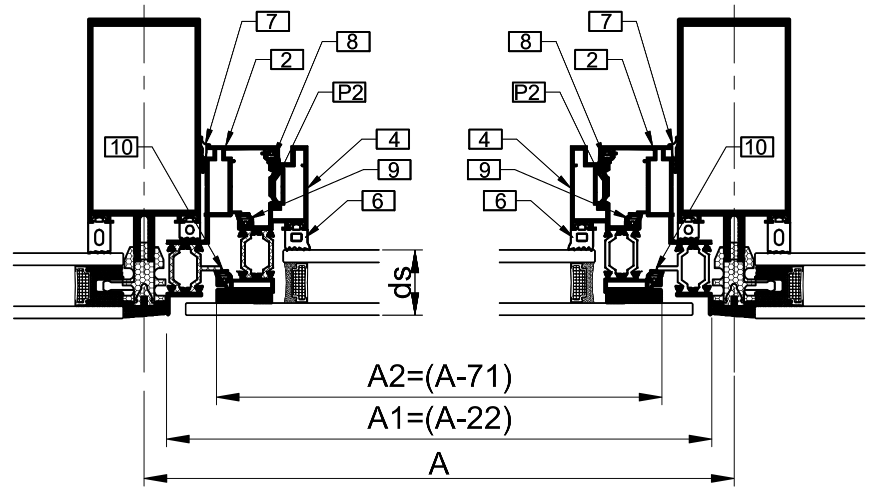
Garnitura okova/Fetter set /Оконные гарнитури

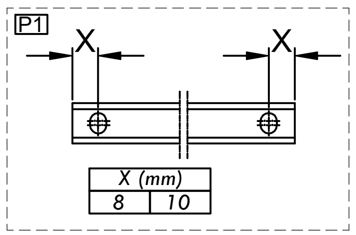
	opis/description/опицание					II* III*	kom/pc/шт
11	Ručica sa priborom / Handle with accessories / Ручка с крепежным набором					1140.00	1
12	Ugaoni prenosnik / Corner trasmission / Угловои переходник					4010.20	2
13	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.10	2
14	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.04	1
15	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.05.02	8 (10)
16	Gornji zabravljivač / Upper interlock / Верхняя блокировка					4060.45	1*
17	Pribor makaze / Scissors accessories / Аксессуары ножниц					4060.09.50R	1
18	Makaze / Top-hung arm / Ножницы	**H (mm)**	min	600	160 kg (max)	4060.05.55R	1
			max	1200			
		H (mm)	min	1200	160 kg (max)	4060.07.55R	1
			max	1600			
		H (mm)	min	1600	160 kg (max)	4060.08.55R	1
			max	1800			
		H (mm)	min	1800	160 kg (max)	4060.09.55R	1
			max	2000			

*Za širinu krila >1200mm - 2 kom. / For sash width >1200mm - 2 pc. / Для ширина створки >1200мм - 2 шт.



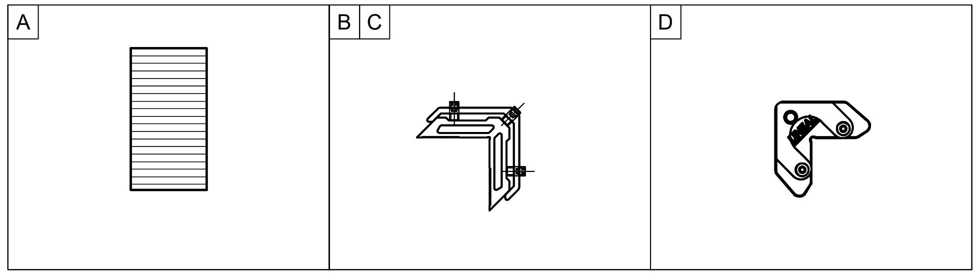






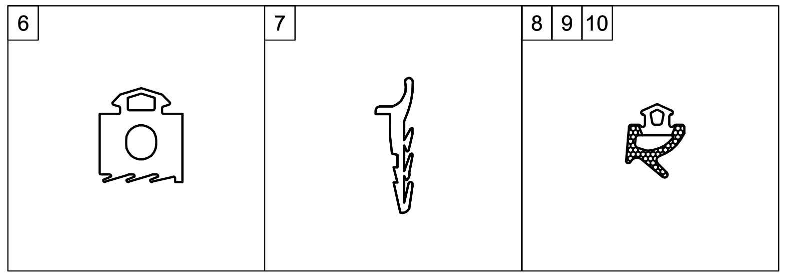
Pribor/Hardware /Аксессуаров

	opis/description/описание	II*	III*	kom/pc/шт
A	podloška za staklo / glazing pad / коврик из стекла	30x75x5	50x75x5	2
B	ugaona spojnica / corner joint / угловое соединение	TMFA22 / TMFA23		8
C	spojnica u peru / thorn clip / суставы в перу	TMA 17		4
D	šraf / screw / винт	DIN 7982 2,9x9,5 (A2)		2-5
E	Sigurnosni oslonac stakla / Safety glazing support / Поддержка безопасности остекления	TMFA26		2



Gume/Gaskets /Резина

	opis/description/описание	II*	III*	metara/meter/метр
6	guma za staklo / glazing gasket / остеклeние прокладка	TMFG1		2x(A2-60)+2x(H2-60)
7	guma na štoku / casement gasket / прокладка на раме	TMDG3		2xA1+2xH1
8	guma na štoku / casement gasket / прокладка на раме	809627		2x(A1-100)+(2xH1-100)
9	guma na krilu / casement gasket / прокладка на раме	809627		2x(A2-20)+2x(H2-20)
10	guma na krilu / casement gasket / прокладка на раме	809627		2xA2+2xH2



Profili/Profiles /Профили

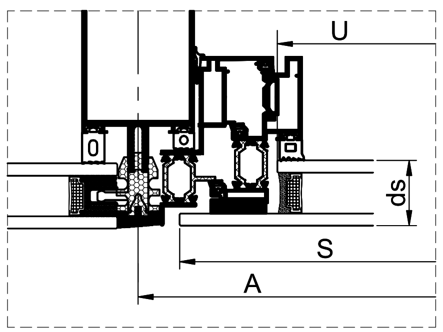
	II*	III*	i	mm	kom	αa/αb
	132	332	1	A1=A-22	x2	45°/45°
	133	333	2	H1=H-22	x2	45°/45°
	134	334	3	A2=A-71	x2	45°/45°
			4	H2=H-71	x2	45°/45°
	TM33		P1	L1=(A2/2)-76+2X	x2	90°/90°
			P2	L2=H2-LM*-230	x2	90°/90°

II - Dvostruko stakolo / Double glazing /* Двойное остеклениe
III - Trostruko stakolo / Triple glazing /* Тройной остеклениe
LM - Dužina makaze / Top-hung arm lenght /* Длина ножницы

4060.05.55	LM = 16" (406mm)
4060.07.55	LM = 20" (508mm)
4060.08.55	LM = 24" (610mm)
4060.09.55	LM = 28" (711mm)

Staklo/Glass /Стекло

II*	III*
ds=32mm	*ds=52mm*
S = (A-39)x(H-39)	
U = (A-137)x(H-137)	
x1	



*Garnitura okova/Fetter set /*Оконные гарнитури

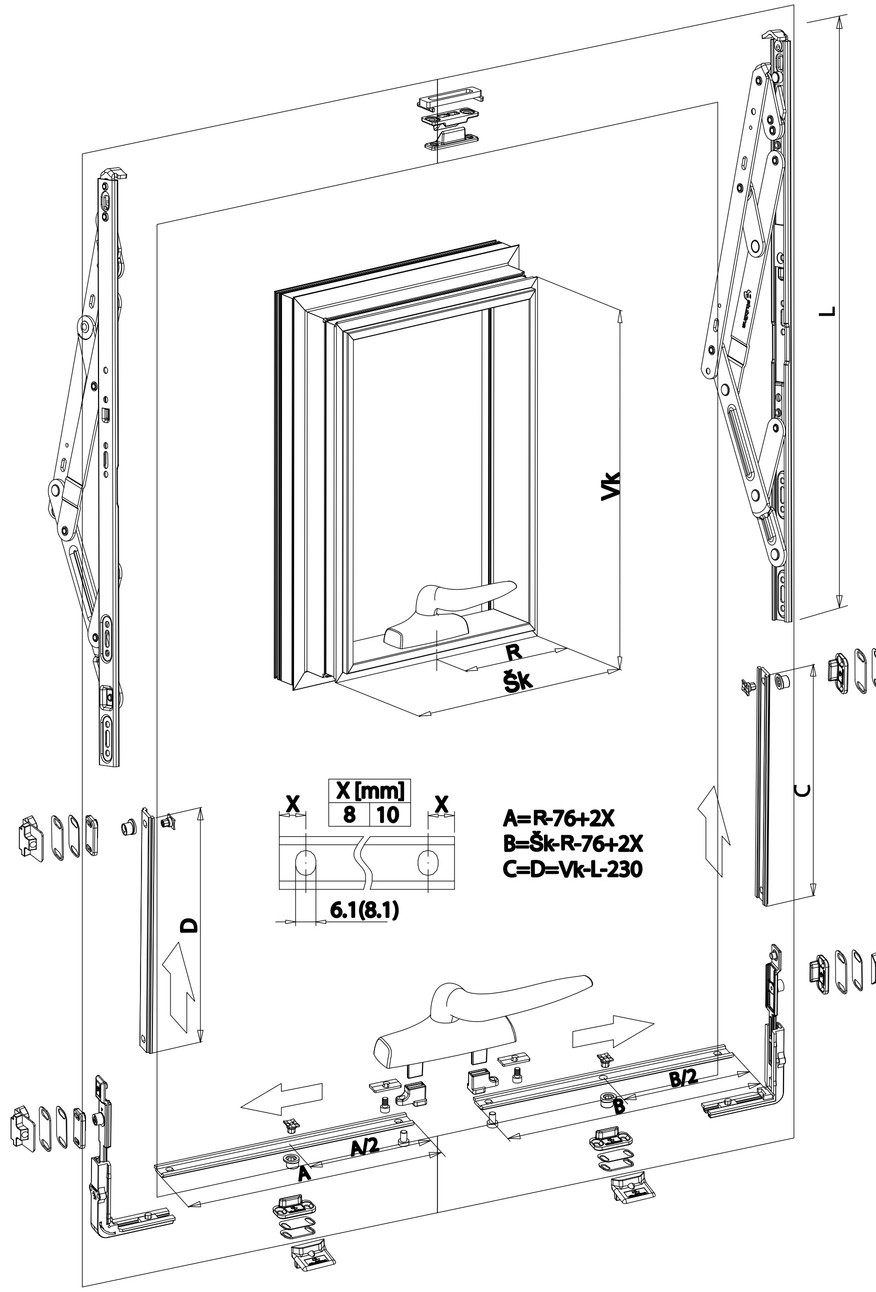
	opis/description/описание					II* / III*	kom/pc/шт
11	Ručica sa priborom / Handle with accessories / Ручка с крепежным набором					1140.00	1
12	Ugaoni prenosnik / Corner trasmission / Угловои переходник					4010.20	2
13	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.10	2
14	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.04	1
15	Pribor za fasadne profile / Accesories for facade profiles / Аксессуары для фасадных профилей					4060.05.02	8 (10)
16	Gornji zabravljivač / Upper interlock / Верхняя блокировка					4060.45	1*
17	Pribor makaze / Scissors accessories / Аксессуары ножниц					4060.09.50R	1
18	Makaze / Top-hung arm / Ножницы	**H (mm)**	min	600	160 kg (max)	4060.05.55R	1
			max	1200			
		H (mm)	min	1200	160 kg (max)	4060.07.55R	1
			max	1600			
		H (mm)	min	1600	160 kg (max)	4060.08.55R	1
			max	1800			
		H (mm)	min	1800	160 kg (max)	4060.09.55R	1
			max	2000			

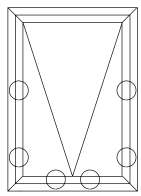
*Za širinu krila >1200mm - 2 kom. / For sash width >1200mm - 2 pc. / Для ширина створки >1200мм - 2 шт.

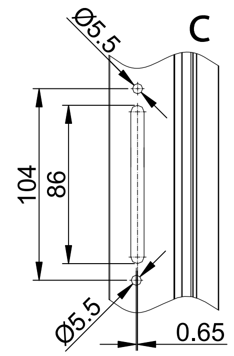
Okov
Fitting
Фурнитура

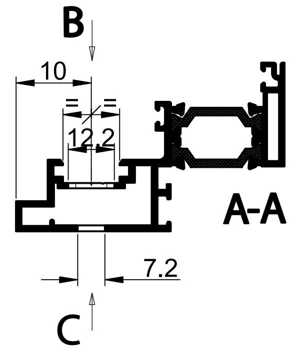
ALUMINIK CS55

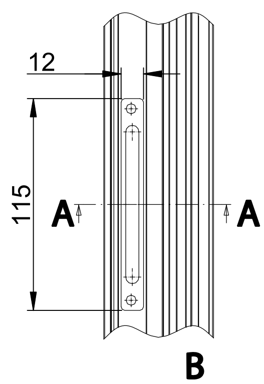
Garnitura za spoljno otvaranje
Hardware for outward opening
Гарнитур для открывания наружу











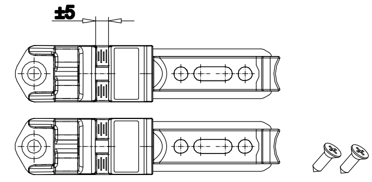
U slučaju ugradnje makaza bez standardnog pribora ali sa zavrtnjevima, ne manjih prečnika od Ø4,8mm, proizvođač ne preporučuje vecu masu krila od 130kg.

In case of the scissors installation without standard accessories but with screws of diameter not less than fi4.8mm, the producer doesn`t recommend mass of the sash more than 130kg.

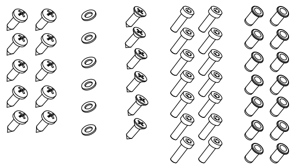
В случае установки петель без стандартных аксессуаров, но с винтами не меньше, чем диаметр Ø4,8mm, производитель не рекомендует массу створки не более 130 кг.

Artikal		4060.05.55		4060.07.55		4060.08.55		4060.09.55	
L		16"		20"		24"		28"	
Vk [mm]	min	600		1200		1600		1800	
	max	1200		1600		1800		2000	
[kg] max		130		130		130		130	
α [°]		25°	30°	20°	25°	15°	20°	15°	20°

4060.04.00
Mehanizam za posešavanje
The mechanism for adjusting
Механизм для регулировки

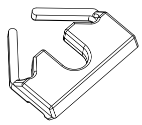


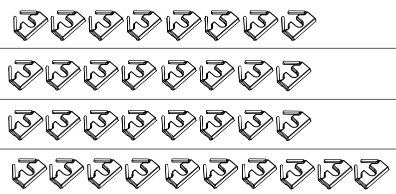
4060.09.50R
Pribor makaze
Scissors accessories
Аксессуары ножниц



1	Zavrtanj	DIN 7981	10 kom(pcs)
2	Podloška za M5	DIN 125	6 kom(pcs)
3	Zavrtanj	DIN 7982	6 kom(pcs)
4	Zavrtanj	DIN 6912	14 kom(pcs)
5	Rif nitna		14 kom(pcs)

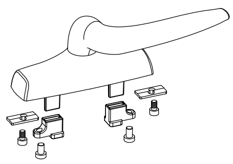
4060.05.02
Elastični distancer
Elastic spacer
Эластичные распорки



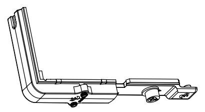


16"	8 kom(pcs)
20"	8 kom(pcs)
24"	8 kom(pcs)
28"	10 kom(pcs)

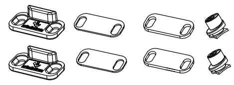
1040.00
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором



4010.20
Ugaoni prenosnik
Corner trasmission
Угловой переходник



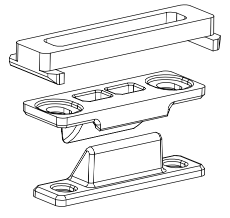
4060.10
Pribor za fasadne profile
Accesories for facade profiles
Аксессуары для занавеса профиля

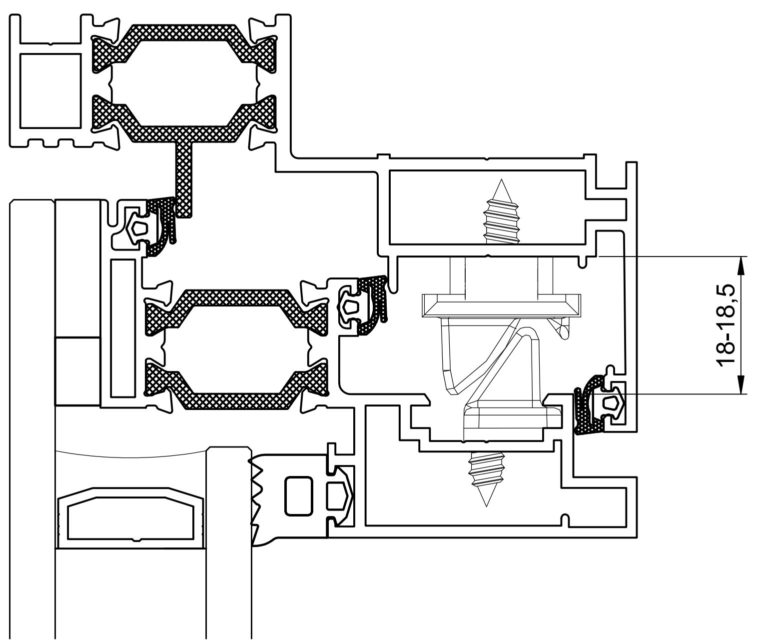


4060.10....1pc	4060.10....2pcs	4060.10....2pcs	4060.10....3pcs

Šk>1000mm

4060.45
Pritezač krila za fasadne profile
Clamping catch for the facade profiles
Крепежный элемент для фасадного профиля

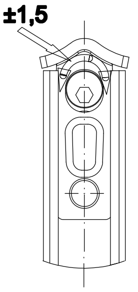


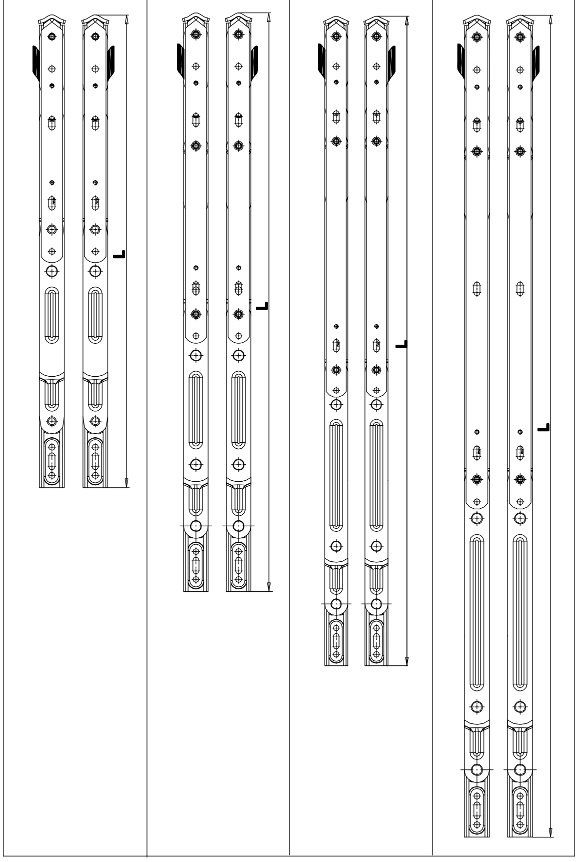


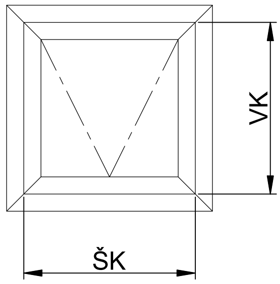
Makaze za fasadne profile - leva i desna
Scissors for the façade profiles - left and right
Ножницы для фасадных профилей - левая и правая

		4060.05.55R		4060.07.55R		4060.08.55R		4060.09.55R	
L		16"		20"		24"		28"	
Vk [mm]	min	600		1200		1600		1800	
	max	1200		1600		1800		2000	
[kg] max		180		180		180		180	
α [°]		25°	30°	20°	25°	15°	20°	15°	20°

±1,5

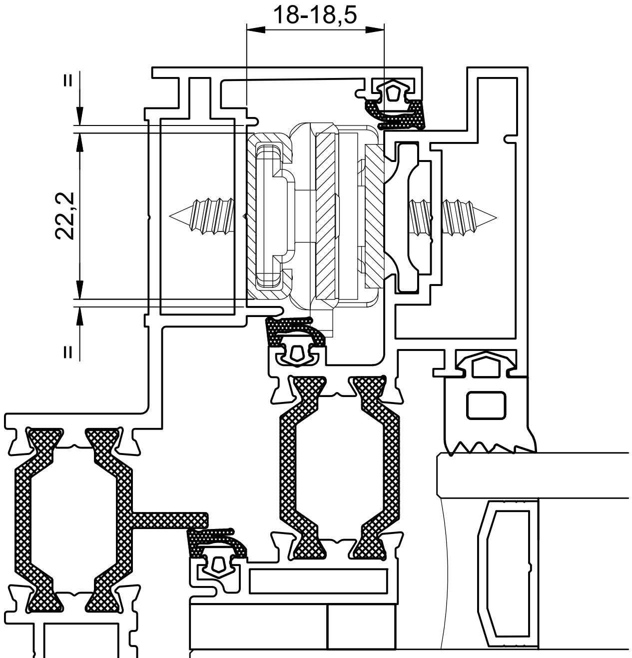


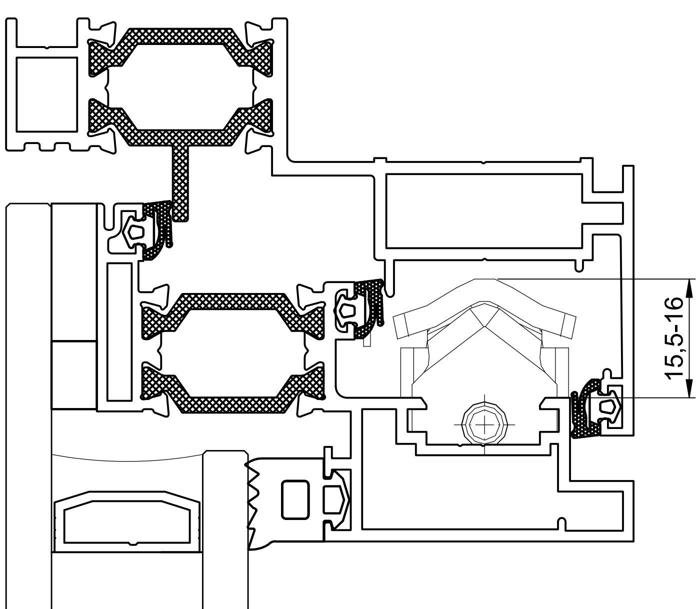




Karakteristike/Characteristics/Характеристики:

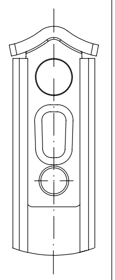
- **Podešavanje po visini**
  Height adjustment
  Регулировка по высоте
- **Podešavanje ugla, podešavanje sile otvaranja i zatvaranja prozora.**
  Adjusting the angle, adjustment of opening and closing force.
  Регулировка угла, регулировки силы открытие и закрытие окон.

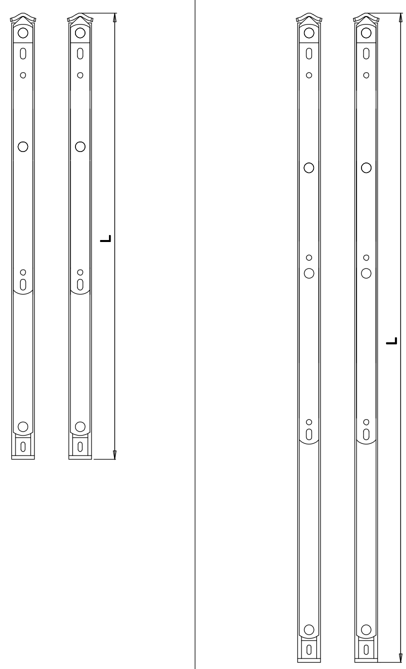


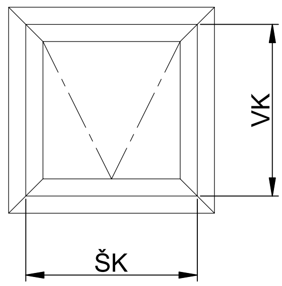


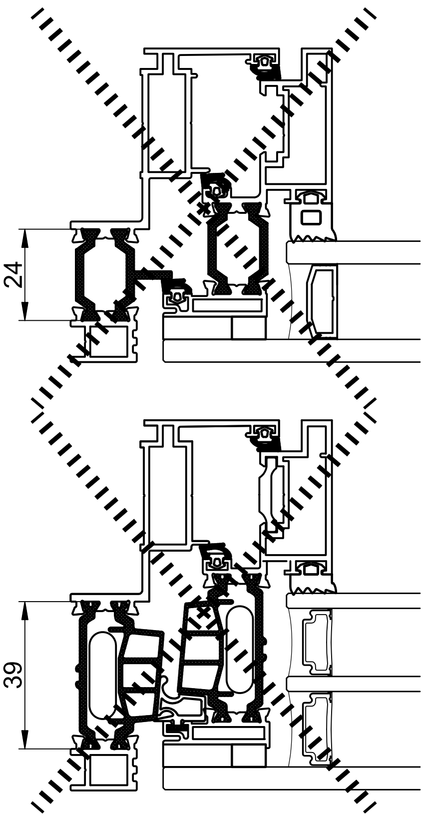
Makaze za fasadne profile
Scissors for the façade profiles
Ножницы для фасадных профилей

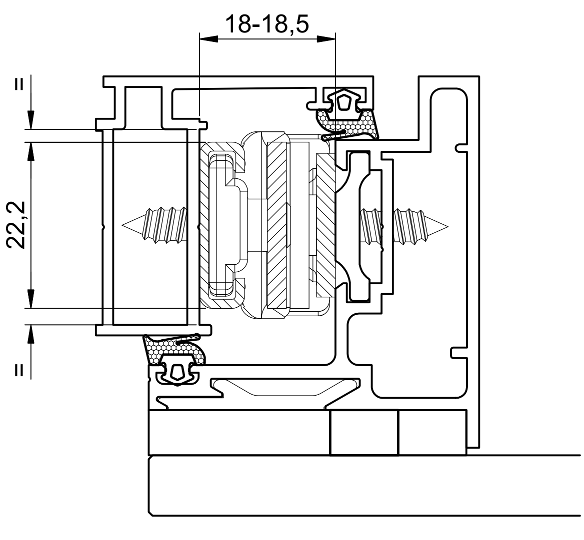
		FH 16		FH 24	
L		16"		24"	
Vk [mm]	min	600		1000	
	max	1000		1600	
[kg] max		120		140	
α [°]		15°	20°	15°	20°

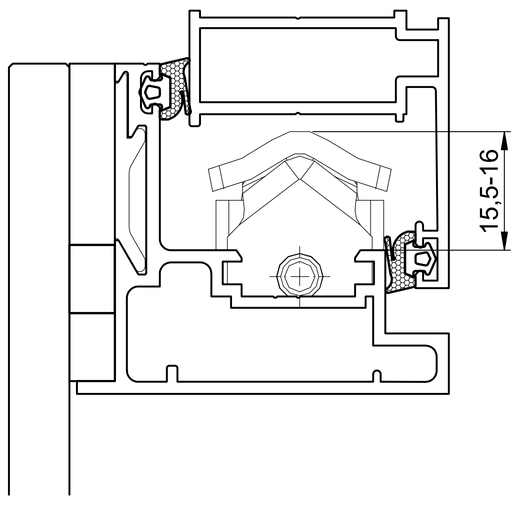






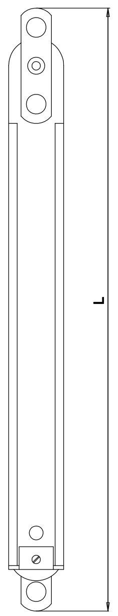


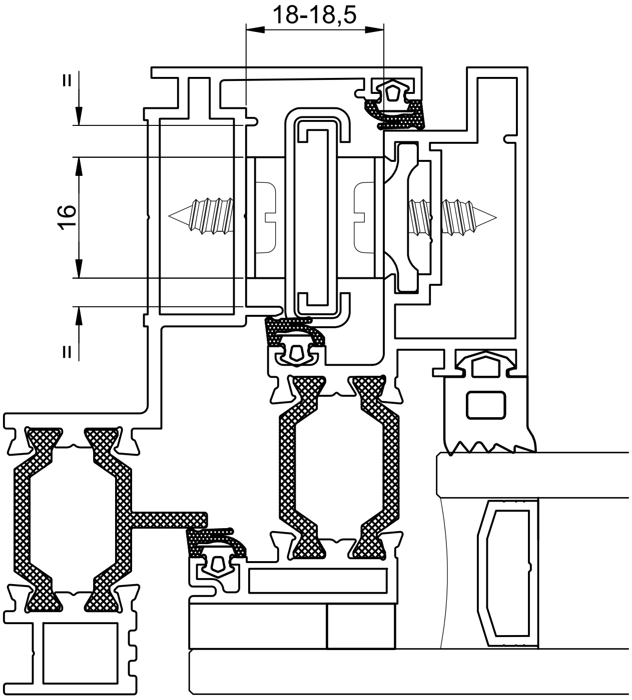


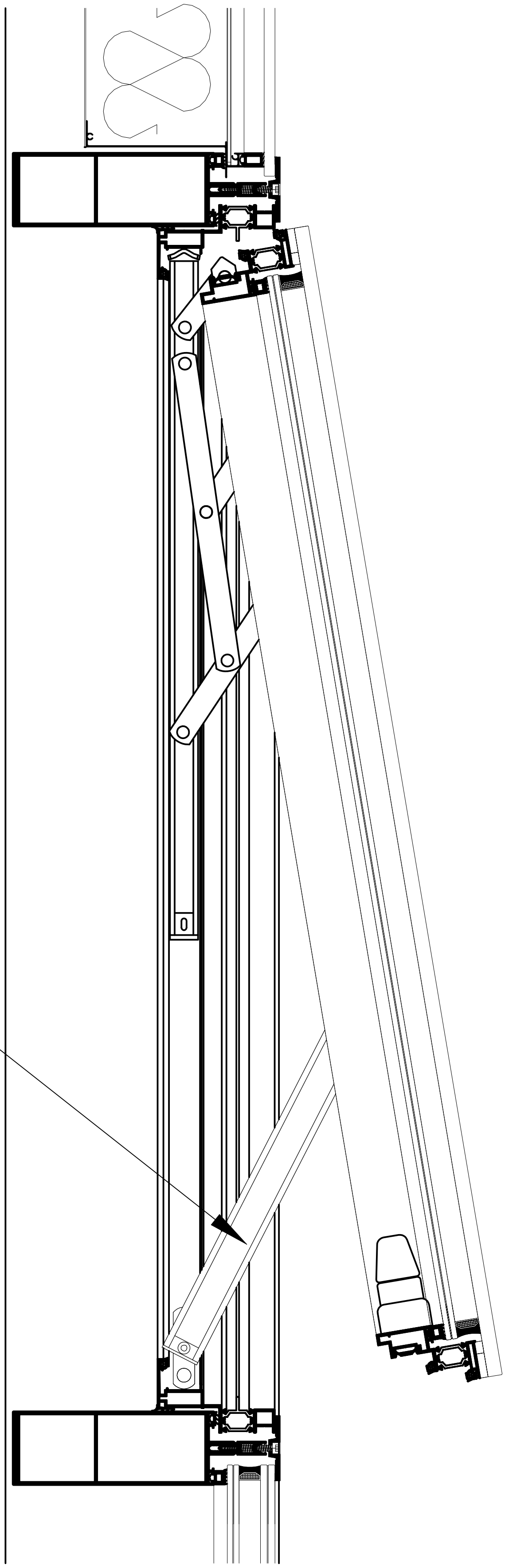


Makaze za fasadne profile
Scissors for the façade profiles
Ножницы для фасадных профилей

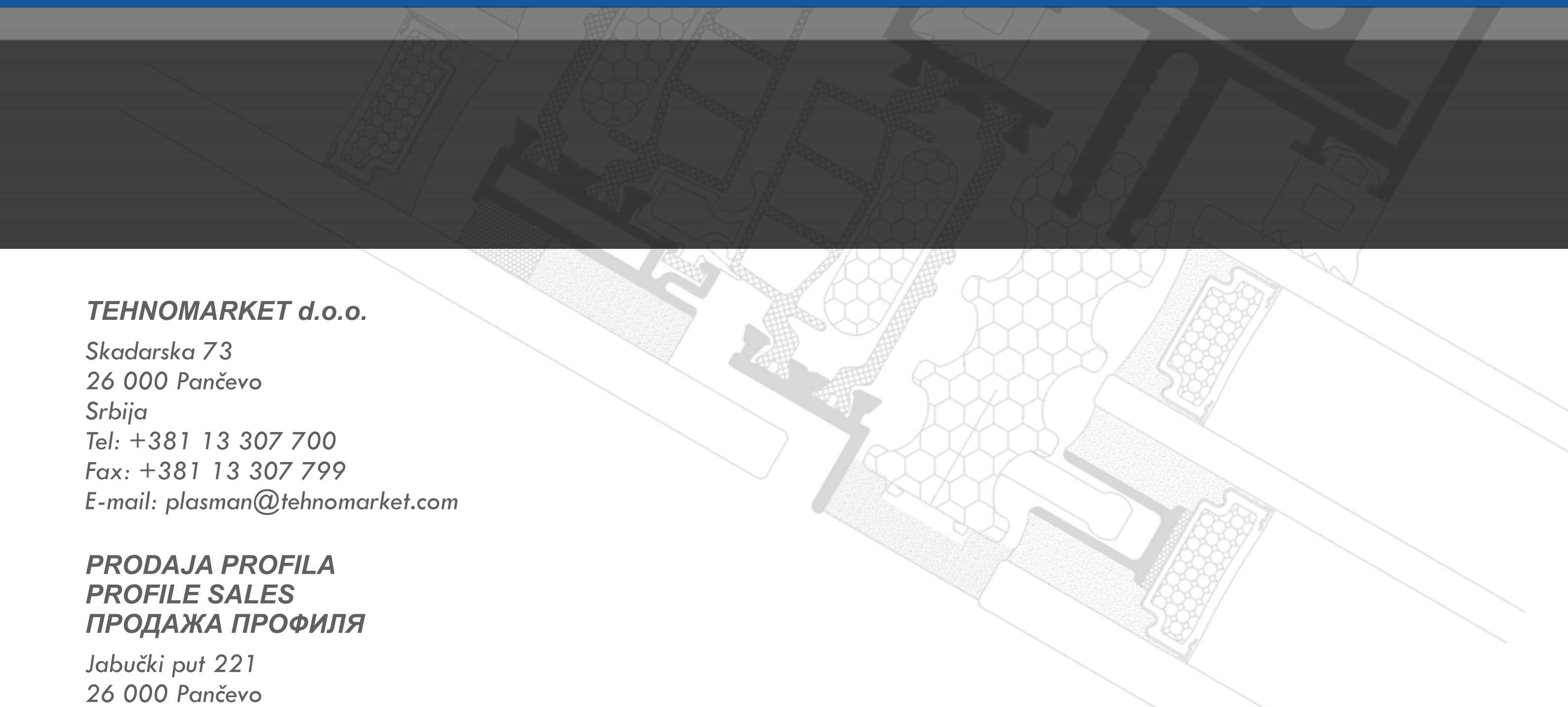
		FHS 10	
L		319 mm	
Vk [mm]	min	1200	
	max	1800	
[kg] max		180	
α [°]		15°	30°







VIŠE INFORMACIJA O FASADNIM SISTEMIMA
MORE INFORMATION ABOUT FACADE SYSTEMS
ПОДРОБНЫЕ ИНФОРМАЦИИ ДЛЯ ФАСАДОВ



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