

TERMO 65

PROZORI I VRATA

WINDOWS AND DOORS



FEAL
PERFECTION IN ALUMINIUM



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TERMO 65 PROZORI I VRATA

TERMO 65 je savršen spoj modernog dizajna i energetske učinkovitosti.

Ovaj sustav aluminijskih prozora i vrata s prekinutim termičkim mostom nudi vrhunsku toplinsku izolaciju, učinkovito smanjuje energetske gubitke i osigurava dugotrajnu otpornost na sve vremenske uvjete. S elegantnim dizajnom, prilagodljivim načinima otvaranja i jednostavnom montažom, ovaj sustav savršeno se uklapa u svaki projekt, pružajući optimalnu funkcionalnost i estetsku privlačnost.

Sustav aluminijskih profila koristi tehnologiju prekida termičkog mosta, pri čemu su osnovne ugradbene dubine rama dostupne u varijantama od 65 mm i 73 mm.

TERMO 65 namijenjen je za izradu prozora i vrata s otvaranjem unutra i vani, i fiksnih stijena. Pored osnovne izvedbe ram/krilo s ravnim linijama, moguće su izvedbe ram/krilo i sa zaobljenim vanjskim linijama.

TERMO 65 WINDOWS AND DOORS

TERMO 65 represents the perfect synergy of modern design and energy efficiency.

This thermally broken aluminium window and door system offers superior thermal insulation, effectively reducing energy loss while ensuring long-term durability against all weather conditions. With its elegant aesthetics, versatile opening methods, and easy installation, the system integrates seamlessly into any architectural project, providing optimal functionality and visual appeal.

The aluminium profile system utilizes thermal break technology, with basic frame installation depths available in 65 mm and 73 mm variants.

TERMO 65 is designed for the production of windows (inward and outward opening), doors (inward and outward opening), and fixed glass walls. In addition to the standard frame/sash design with straight lines, the system is also available with rounded outer profile lines.

TERMO 65

ZNAČAJKE SUSTAVA:

Sustav TERMO 65 se koristi za izradu prozora i vrata s otvaranjem unutra i vani, i fiksnih stijena.

To je sustav profila sa prekinutim termičkim mostom, osnovne ugradbene dubine dovratnika 65 i 73 mm. Pored osnovne varijante dovratnika/krila sa ravnim linijama, moguće su izvedbe dovratnika/krila i sa zaobljenim vanjskim linijama.

Prekid termičkog mosta se postiže poliamidnim trakama širine 22 mm. Radi dodatnog poboljšanja termičkih karakteristika profila, u komore se ugrađuju profili od XPS-a (ekstrudirani polistiren - $\lambda=0.035 \text{ W/m}^2\text{K}$) i takvi profili dobivaju u nazivu slovo F. Brtvljenje je izvedeno EPDM brtvama.

Mogući tipovi otvaranja su: otklopno, zaokretno, zaokretno otvaranje vani, zaokretno oko srednje ose, otklopno-zaokretno, vrata s otvaranjem unutra i vani.

Sustav je kompatibilan sa fasadnim sistemima 50FK/FS i 60K/S.

Mogućnost odabira profila sa žlijebom 16/13. Okov koji se ugrađuje u sustav je standardni za eurožlijeb 15/20 i za žlijeb 16/13.

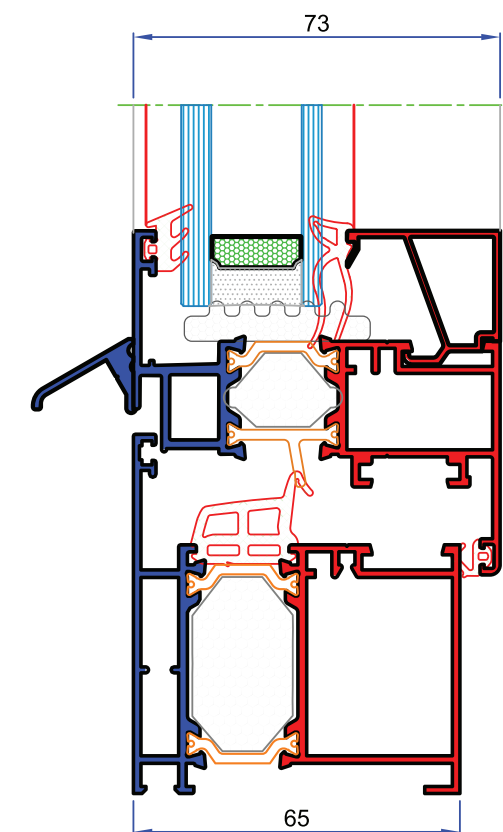
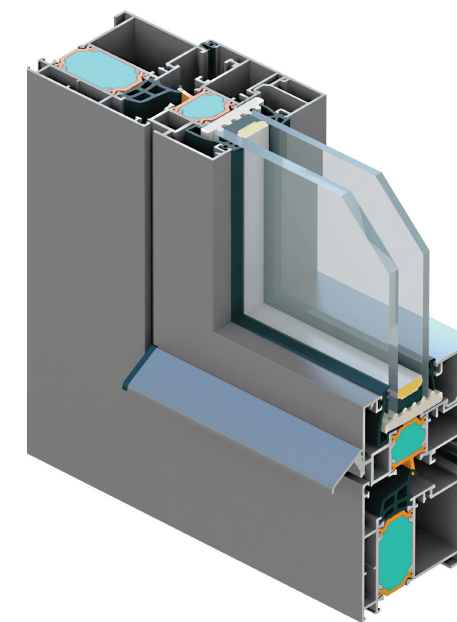
TERMO 65

SYSTEM FEATURES:

The TERMO 65 system is used for the production of windows (inward and outward opening), doors (inward and outward opening), and fixed walls. It is a profile system with a thermal break, with basic frame installation depths of 65 and 73 mm. In addition to the basic frame/sash variant with straight lines, frame/sash designs with rounded outer lines are also possible.

The thermal break is achieved with 22 mm wide polyamide strips. To further improve the thermal characteristics of the profiles, XPS (extruded polystyrene - $\lambda=0.035 \text{ W/m}^2\text{K}$) profiles are inserted into the chambers, and such profiles are designated with the letter F in their name. Sealing is performed with EPDM quality gaskets.

Possible opening types are: tilt, turn, outward-opening turn, pivot (around the middle axis), tilt-and-turn, and doors with inward and outward opening. The system is compatible with facade systems 50FK/FS and 60K/S. There is a possibility to select profiles with a 16/13 groove. The hardware installed in the system is standard for Euro-groove 15/20 and for the 16/13 groove.



TEHNIČKE KARAKTERISTIKE SUSTAVA:

TECHNICAL CHARACTERISTICS:

Dubina okvira / Frame depth
Dubina krila / Sash depth
Dubina ispune / Infill depth
Poliamidne trake / Polyamide strips
Zrakopropusnost / Air permeability
Vodonepropusnost / Watertightness
Otpornost na opterećenje vjetrom / Resistance to wind load
Zaštita od buke / Sound insulation
Protuprovalnost / Burglar resistance
Proračun Uw koeficijenta / Uw coefficient calculation

65 i 73 mm
73 mm
Do / up to 59 mm
22 mm
EN 12207 (class 4)
EN 12208 (class 9A)
EN 12210 (class C4/B4)
EN ISO 717-1 (Rw do / up to 38 dB)
EN 1627 (Do / up to RC3)
DIN EN ISO 10077-1 ($U_w \geq 1,3 \text{ W/m}^2\text{K}$)