

TERMO 85

PROZORI I VRATA

WINDOWS AND DOORS



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TERMO 85 pruža izvrsnu toplinsku izolaciju, energetska učinkovitost i dugotrajnu otpornost na sve vremenske uvjete. Ovaj sistem aluminijskih prozora i vrata s prekinutim termičkim mostom osigurava maksimalnu uštedu energije zahvaljujući vrhunskim, inovativnim materijalima i naprednim izolacijskim tehnologijama. TERMO 85 kombinira vrhunske performanse s elegantnim dizajnom i kompatibilnošću s fasadnim sistemima, pružajući fleksibilnost u arhitektonskim rješenjima.

TERMO 85 koristi sistem aluminijskih profila s prekinutim termičkim mostom, pri čemu su osnovne dubine okvira dostupne u varijantama od 77 mm i 85 mm. Ovaj sustav zadovoljava najviše energetske standarde zahvaljujući naprednim materijalima s izvrsnim izolacijskim svojstvima.

Sistem TERMO 85 namijenjen je za izradu prozora (otvaranje unutra i prema van), vrata (otvaranje unutra i prema van) i fiksnih stijena. Uz standardne izvedbe s ravnim linijama, dostupne su i verzije sa zaobljenim vanjskim linijama, omogućujući prilagodbu različitim arhitektonskim zahtjevima. TERMO 85 osigurava izvrsnu toplinsku izolaciju, povećanu sigurnost i vrhunske performanse, što ga čini savršenim izborom za projekte visokih energetske standarde.

TERMO 85 WINDOWS AND DOORS

The TERMO 85 system delivers exceptional thermal insulation, energy efficiency, and long-lasting resistance to all weather conditions. This advanced aluminium window and door solution, featuring a sophisticated thermal break, ensures maximum energy savings through the use of premium, innovative materials and cutting-edge insulation technologies. TERMO 85 combines top-tier performance with elegant design and full compatibility with façade systems, offering unparalleled flexibility in architectural solutions.

Engineered with a high-performance thermal break, the system offers basic frame depths in 77 mm and 85 mm variants. TERMO 85 meets the highest energy standards by utilizing advanced materials with superior insulating properties.

Specifically designed for the production of inward and outward-opening windows and doors, as well as fixed glazing units, the system provides immense versatility. In addition to the standard straight-line profiles, versions with rounded exterior lines are available to suit diverse architectural requirements. TERMO 85 ensures excellent thermal efficiency, enhanced security, and superior performance, making it the perfect choice for projects with the highest energy standards.

TERMO 85

ZNAČAJKE SISTEMA:

Sistem TERMO 85 se koristi za izradu prozora i vrata s unutrašnjim ili vanjskim otvaranjem i fiksnih stijena. To je sistem profila sa prekinutim termičkim mostom, osnovne ugradbene dubine dovratnika 77 mm i 85 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 34 mm (low lambda).

Radi dodatnog poboljšanja termičkih karakteristika profila, u komore profila se ugrađuju profilirani štapići 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 s EPDM brtvama. Mogući tipovi otvaranja su: otklopno, zaokretno, zaokretno otvaranje vani, zaokretno oko srednje ose, otklopno-zaokretno, vrata sa otvaranjem prema unutra i vani.

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

Mogućnost odabira profila sa žlijebom 16/13.

Okov koji se ugrađuje u sistem je standardni za eurožlijeb 15/20 i za žlijeb 16/13.



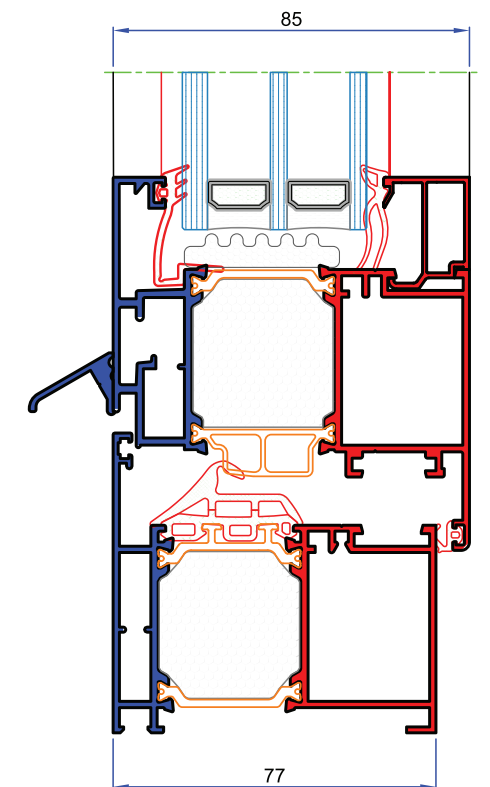
TERMO 85

SYSTEM FEATURES:

The system TERMO 85 is used for production the windows (inside and outside opening), doors (inside and outside opening) and fixed glass wall. It is a profiles system with thermal break, basic mounting depth the frame 77 mm i 85 mm. In addition to the basic variant of the frame / sash with flat lines, it is possible preformance frame/sash with the rounded outside lines. The thermal bridge break is achieved with polyamide strips of 34 mm (low lambda).

Because of additional improvement of thermal characteristics the profiles, in the chamber stick in XPS - a (ekstrudirani polistiren - $\lambda=0.035 \text{ W/m}^2\text{K}$) and that profiles are given the name F. The sealing are made with the gasket EPDM quality. Possible types of opening: tilt, turn, turn outside opening, turn around middle axis, tilt and turn, door with outside and inside opening.

System is compatibilty with facade systems 50FK/KS i 60K/S. Possibility selection the profile with groove 16/13. The hardware which are installation in the this system is standard for euro grove and for groove 16/13.



TEHNIČKE KARAKTERISTIKE SISTEMA:

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

77 i 85 mm
85 mm
Do / up to 71 mm
34 mm
EN 12207 (class 4)
EN 12208 (class E1500)
EN 12210 (class C5/B5)
EN ISO 717-1 (Rw do / up to 50 dB)
EN 1627 (Do / up to RC4)
DIN EN ISO 10077-1 ($U_w \geq 1,0 \text{ W/m}^2\text{K}$)

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