

FEAL

TERMO 65 plus

Prozori i vrata

Windows and doors

FEAL

www.feal.ba



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SISTEM NOVE GENERACIJE

TERMO 65 plus je najnoviji sistem s prekinutim termičkim mostom za prozore, vrata i fiksne stijene koji omogućuje sve tipove otvaranja.

Osim vrhunskog dizajna, TERMO 65 plus odlikuje izvrsna toplinska izolacija, što ga trenutno čini najboljim sistemom u svojoj kategoriji na tržištu. TERMO 65 plus predstavlja jedan od najpotpunijih sistema za sve arhitektonske kriterije, od kvalitete, dugotrajnosti do lakoće održavanja.

Najnoviji sistem za prozore i vrata predstavlja novu generaciju koja će potpuno pridonijeti razvoju modernog doba arhitekture. Uz odličan omjer cijene i kvalitete, energetska učinkovitost, napredan dizajn TERMO 65 plus predstavlja izbor broj jedan na tržištu.

ARCHITECTURAL SYSTEM OF THE NEW GENERATION

TERMO 65 plus is the latest system with thermal break for windows, doors and fixed walls that allows all types of openings.

In addition to the superior design, the excellent sound insulation TERMO 65 plus is characterized by excellent thermal insulation, which currently makes it the best system in its category on the market.

TERMO 65 plus is one of the most complete systems for all architectural criteria from excellent price-quality ratio to durability, maintenance and insulation characteristics.

FEAL's latest window and door system represents a new generation that will contribute to a whole new development of the modern age of architecture. With an excellent price-quality ratio, energy efficiency, the advanced design of the TERMO 65 plus is the number one choice on the market.

LAKŠI SISTEM S BOLJIM TERMIČKIM PERFORMANSAMA

OD KONKURENTSKIH U ISTOJ KATEGORIJI

LIGHTER SYSTEM WITH BETTER THERMAL PROPERTIES

THAN COMPETITIVE SYSTEMS IN THE SAME CATEGORY

$U_f \geq 1,1 \text{ W/m}^2\text{K}$

TERMO 65 plus

Sistem TERMO 65 plus se koristi za izradu prozora (otvaranje unutra i vani), vrata (otvaranje unutra i vani) i fiksnih stijena. To je sistem profila sa prekinutim termičkim mostom, osnovne ugradbene dubine rama 65 mm. Pored osnovne izvedbe krila sa ravnim linijama, moguće su i izvedbe krila sa zaobljenim vanjskim linijama. Prekid termičkog mosta se postiže poliamidnim trakama širine 34 mm (low lambda).

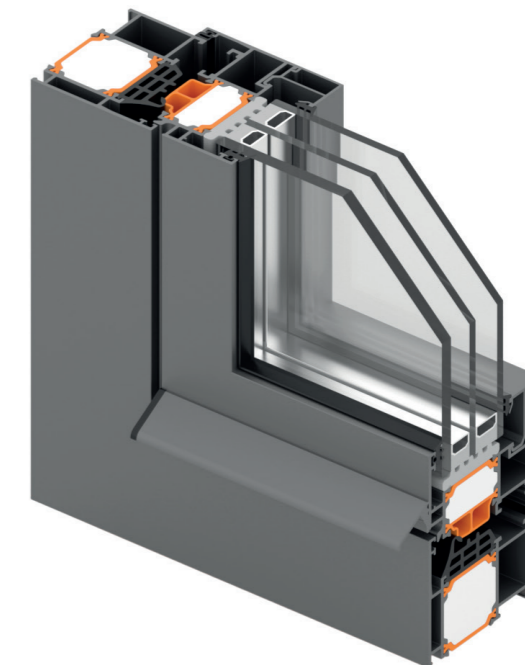
Radi dodatnog poboljšanja termičkih karakteristika profila, u komore profila se ugrađuju profilirani štapići od XPS -a (ekstrudirani polistiren - $\lambda=0.035 \text{ W/m}^2\text{K}$) i takvi profili dobivaju u nazivu slovo F. Brtvljenje je izvedeno EPDM brtvama.

Mogući tipovi otvaranja su: otklopno, zaokretno, zaokretno otvaranje vani, otklopno-zaokretno, okretni oko srednje osi, vrata sa otvaranjem prema unutra i vani. Sistem je kompatibilan sa FEAL fasadnim sistemima.

Mogućnost odabira profila sa žlijebom 16/9. Okov koji se ugrađuje u sistem je standardni za eurožlijeb 15/20 i za žlijeb 16/9.

Tehničke karakteristike sistema:

Dubina okvira: 65 mm
 Dubina krila: 73 mm
 Dubina ispune: do 59 mm
 Poliamidne trake: 34 mm
 Max.težina krila: 130 kg
 Zrakopropusnost: EN 12207
 Vodonepropusnost: EN 12208
 Otpornost na udar vjetrova: EN 12210
 Zaštita od buke: EN ISO 717-1
 Protuprovalnost: EN 1627
 Proračun U_w koeficijenta: DIN EN ISO 10077-1 ($\geq 1,0 \text{ W/m}^2\text{K}$)
 Osnovni materijal: EN AW-6060
 Materijal poliamidne trake: LOW LAMBDA PA 66 GF25
 Materijal brtvljenja: EPDM
 Površinska obrada: DIN 17611
 Kontrola kvalitete: DIN EN ISO 9001



System TERMO 65 plus is used for production of windows (inwards and outwards opening), doors (inwards and outwards opening) and fixed glass walls. It is a system with thermal break profiles, basic mounting frame depth of 65 mm.

In addition to the basic version of the sash with straight lines, there is a version where sash has rounded outside lines.

The thermal break is achieved with polyamide strips of 34 mm (low lambda) To achieve additional improvement of thermal characteristics of the profiles, XPS (extruded polystyrene - $\lambda=0.035 \text{ W/m}^2\text{K}$) profiles are inserted in the chamber of aluminium profiles and these profiles have the suffix F in the name. The sealing is performed with EPDM gaskets. Possible types of opening: tilt, turn, turn outwards opening, tilt and turn, turn around middle axes, door with outwards and inwards opening. System is compatible with FEAL curtain wall systems. Available selection of profiles with groove 16/9.

The hardware which is installed in the this system is standard for euro groove 15/20 and for groove 16/9.

Technical characteristics of the system:

Frame depth: 65 mm
 Sash depth: 73 mm
 Infill depth: up to 59 mm
 Polyamide strips: 34 mm
 Max. sash weight: 130 kg
 Air permeability: EN 12207
 Watertightness: EN 12208
 Wind resistance: EN 12210
 Airborne sound insulation: EN ISO 717-1
 Burglary resistance: EN 1627
 Calculation of the U_w coefficient: DIN EN ISO 10077-1 ($\geq 1,0 \text{ W/m}^2\text{K}$)
 Profile material: EN AW-6060
 Polyamide strips material: LOW LAMBDA PA 66 GF25
 Gasket material: EPDM
 Surface processing: DIN 17611
 Quality control: DIN EN ISO 9001

