

TERMO **65 PLUS**
 PROZORI I VRATA
 WINDOWS AND DOORS



FEAL
 PERFECTION IN ALUMINIUM



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TERMO 65 PLUS PROZORI I VRATA

TERMO **65 Plus** donosi poboljšanu toplinsku izolaciju i vrhunsku energetska učinkovitost.

Ovaj napredni sistem aluminijskih prozora i vrata s prekinutim termičkim mostom omogućuje maksimalnu uštedu energije, izvrsnu otpornost na vremenske uvjete i dugotrajnu stabilnost konstrukcije. TERMO **65 Plus** idealan je izbor za moderne objekte koji zahtijevaju vrhunsku izolaciju i estetiku.

Sistem koristi inovativnu tehnologiju prekida termičkog mosta s osnovnom dubinom okvira od 65 mm i dubinom krila od 73 mm.

Sistem TERMO **65 Plus** namijenjen je za izradu prozora i vrata s otvaranjem unutra i vani, i fiksnih stijena. Uz osnovne izvedbe s ravnim linijama, dostupne su i verzije sa zaobljenim vanjskim linijama za dodatnu estetsku fleksibilnost. TERMO **65 plus** pruža najvišu razinu energetske učinkovitosti, vrhunsku izolaciju i bezvremenski dizajn, čineći ga idealnim rješenjem za moderne građevinske projekte.

TERMO 65 PLUS WINDOWS AND DOORS

*The TERMO **65 Plus** system represents a significant leap in thermal insulation and energy efficiency.*

*This advanced aluminium window and door system, featuring a sophisticated thermal break, is engineered to maximize energy savings while ensuring exceptional weather resistance and long-term structural integrity. TERMO **65 Plus** is the definitive choice for modern architectural projects that demand a perfect balance of superior insulation and refined aesthetics.*

Utilizing innovative thermal break technology, the system features a 65 mm frame depth and a 73 mm sash depth.

*TERMO **65 Plus** is highly versatile, designed for the fabrication of inward and outward-opening windows and doors, as well as fixed glazing units. To meet diverse design requirements, the system is available in both classic straight-line profiles and versions with rounded exterior contours for enhanced aesthetic flexibility. Delivering peak energy performance, superior insulation and timeless design, TERMO **65 Plus** remains an ideal solution for today's most demanding construction standards.*

TERMO 65 PLUS

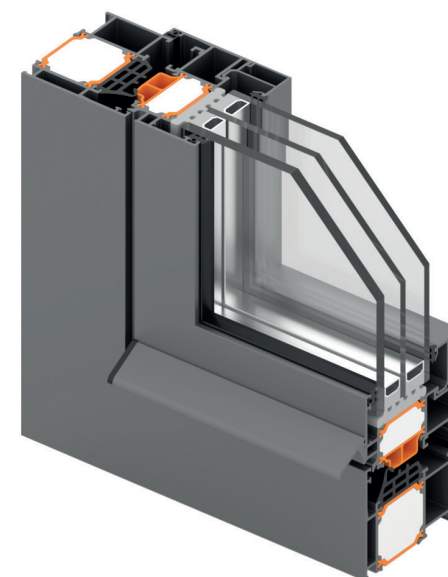
ZNAČAJKE SISTEMA:

Sistem TERMO **65 plus** se koristi za izradu prozora i vrata s otvaranjem 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 - $\lambda=0.035$ W/m²K) 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:

TECHNICAL CHARACTERISTICS:

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

65 mm
73 mm
Do/up to 59 mm
34 mm
EN 12207 (klasa 4)
EN 12208 (klasa E1500)
EN 12210 (klasa C5/B5)
EN ISO 717-1 (Rw do / up to 45 dB)
EN 1627 (RC2)
DIN EN ISO 10077-1 ($U_w \geq 1,0$ W/m²K)

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SYSTEM FEATURES:

*The TERMO **65 Plus** system is engineered for the production of high-performance inward and outward-opening windows and doors, as well as fixed glazing units. This thermal break system features a standard frame depth of 65 mm. In addition to the classic straight-line sash design, the system offers contoured options with rounded exterior lines for enhanced architectural versatility.*

Superior thermal break is achieved through 34 mm "low lambda" polyamide strips. To further optimize thermal performance, the profile chambers are integrated with precision-machined XPS inserts (extruded polystyrene, $\lambda=0.035$ W/m²K); profiles enhanced with these inserts are designated with the letter "F". The system utilizes high-grade EPDM gaskets for comprehensive sealing. Available configurations include tilt, turn, outward-opening turn, tilt-and-turn, and pivot (central axis) openings, as well as inward and outward-opening doors.

*TERMO **65 Plus** is fully compatible with FEAL façade systems. It offers a choice of profiles with a 16/9 groove. The system supports standard hardware for both Euro-groove 15/20 and 16/9 configurations.*

