

TERMO **75 DA**
PROZORI I VRATA
WINDOWS AND DOORS



TERMO 75 DA PROZORI I VRATA

TERMO 75 DA je vrhunski sistem aluminijско-drvenih profila s prekinutim termičkim mostom, dizajniran za prozore, balkonska vrata i fiksne stijene. Kombinacija trajnosti aluminija s vanjske strane i topline drveta iznutra čini ovaj sistem idealnim za moderne objekte koji teže visokoj energetske učinkovitosti i estetskoj sofisticiranosti.

Sistem TERMO 75 DA donosi najbolje od oba materijala-aluminij osigurava stabilnost, dugotrajnost i otpornost na vremenske uvjete, dok drvena unutarnja obloga pruža prirodnu toplinu i eleganciju interijeru. Zahvaljujući pametnom sistemu pričvršćivanja drvenih obloga PVC kopčama, omogućena je laka zamjena vrste i boje drveta prema željama korisnika. TERMO 75 DA odlikuje se visokom energetske učinkovitošću, što je postignuto poliamidnim trakama i izolacijskim XPS štapićima u komorama profila.

Sistem TERMO 75 DA namijenjen je za izradu energetski učinkovitih prozora i balkonskih vrata s otvaranjem prema unutra. Podržava različite tipove otvaranja, uključujući otklopno, zaokretno i otklopno-zaokretno otvaranje. Zahvaljujući svojoj svestranosti i estetici, sistem je idealno rješenje za moderne građevinske projekte u kojima je važan spoj topline prirodnog drveta i trajnosti aluminija.

TERMO 75 DA WINDOWS AND DOORS

TERMO 75 DA is a high-end aluminium-wood profile system featuring a sophisticated thermal break, specifically designed for windows, balcony doors, and fixed glazing units. By merging the durability of exterior aluminium with the organic warmth of interior wood, this system is the definitive solution for modern architectural projects striving for peak energy efficiency and aesthetic sophistication.

The TERMO 75 DA system harmonizes the best of both worlds-aluminium ensures structural stability, longevity, and superior weather resistance, while the interior wooden cladding brings natural warmth and timeless elegance to any interior. An innovative fastening system utilizing specialized PVC clips allows for the effortless replacement of wood types and finishes, tailored to individual user preferences. The system's remarkable thermal performance is achieved through the integration of high-quality polyamide strips and insulating XPS inserts within the profile chambers.

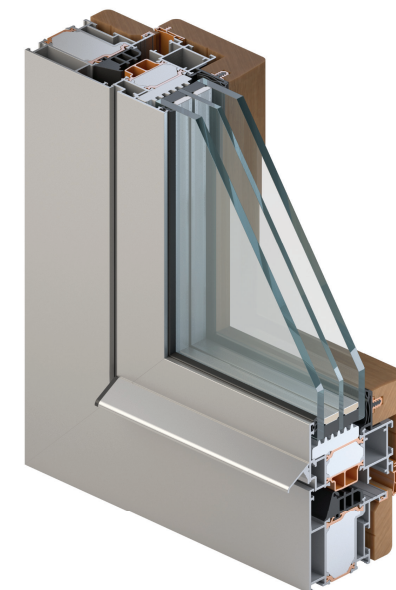
The TERMO 75 DA system is intended for the production of energy-efficient windows and balcony doors with inward opening. It supports various opening types, including tilt, turn, and tilt-and-turn. Due to its versatility and aesthetics, the system is an ideal solution for contemporary construction projects where the fusion of natural wood warmth and aluminium durability is essential.

TERMO 75 DA

ZNAČAJKE SISTEMA:

Sistem TERMO 75 DA koristi se za izradu prozora i balkonskih jednokrlnih i dvokrlnih vrata. Profili su izvedeni s prekinutim termičkim mostom osnovne ugradbene dubine rama 76.5 mm i dubine krila 97.5 mm sa drvenom oblogom. Prekid termičkog mosta postiže se poliamidnim trakama (34 mm i 26 mm za ram i 34 mm za krilo).

Radi poboljšanja toplinskih karakteristika (smanjenje toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a). U kombinaciji sa troslojnim staklom i odgovarajućim distancerom stakla sistema. TERMO 75 DA može postići ukupni koeficijent prolaska topline $U_w = 1.0$ [W/m²K]. Brtvljenje između krila i rama izvedeno je EPDM brtvama. Staklo je u krilu pričvršćeno staklo lajsnama te zabrtvljeno EPDM brtvama s obje strane.

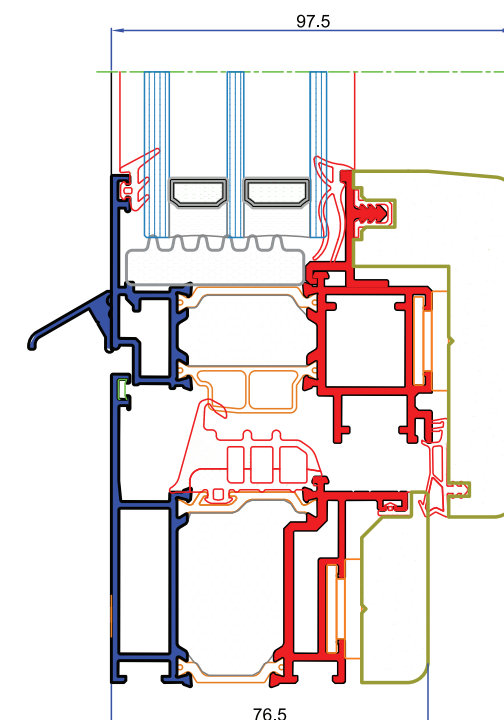


TERMO 75 DA

SYSTEM FEATURES:

The TERMO 75 DA system is expertly designed for the production of windows and both single and double-leaf balcony doors. The profiles feature a high-performance thermal break, with a standard frame depth of 76.5 mm and a sash depth of 97.5 mm, complemented by elegant wooden cladding. The thermal break is secured through precision-engineered polyamide strips (34 mm and 26 mm for the frame; 34 mm for the sash).

To further enhance energy efficiency and minimize thermal conductivity, the profile chambers are integrated with extruded polystyrene (XPS) inserts. In combination with triple glazing and high-performance spacers, the TERMO 75 DA system achieves an outstanding overall thermal transmittance coefficient of $U_w = 1.0$ W/m²K. Perfect weather tightness is ensured by premium EPDM gaskets between the sash and frame, while the glass is securely fixed with internal glazing beads and sealed with dual-sided EPDM gaskets for maximum durability.



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 U_w koeficijenta / U_w coefficient calculation

76.5 mm
97.5 mm
Do / up to 44 mm
26 i 34 mm
EN 12207 (class 4)
EN 12208 (class E1500)
EN 12210 (class C5/B5)
EN ISO 717-1 (Rw do 42 dB)
EN 1627 (RC2)
DIN EN ISO 10077-1 ($U_w \geq 1.0$ W/m²K)