

TERMO 120

PODIZNO-KLIZNA VRATA

LIFT-AND-SLIDE DOORS



FEAL
PERFECTION IN ALUMINIUM



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TERMO 120 PODIZNO-KLIZNA VRATA

Termo 120 je napredni klizni i podizno-klizni sustav dizajniran za energetske učinkovite prozore i vrata u dvokrilnoj, trokrilnoj i četverokrilnoj izvedbi.

Zahvaljujući prekinutom termičkom mostu i dodatnim izolacijskim elementima, omogućuje izvrsnu toplinsku i zvučnu izolaciju, čineći ga idealnim rješenjem za moderne građevine.

Sustav **Termo 120** prilagođen je različitim potrebama, s opcijama za dvostruko ili trostruko ostakljenje, kao i mogućnošću integracije fiksnih dijelova. Kompatibilnost s fasadnim sustavima omogućuje besprijekorno uklapanje u modernu arhitekturu.

TERMO 120 LIFT-AND-SLIDE DOORS

***Termo 120** is an advanced sliding and lift-and-slide system designed for energy-efficient windows and doors, available in double, triple, and quadruple-leaf configurations.*

Thanks to its thermal break technology and additional insulating elements, it provides excellent thermal and sound insulation, making it an ideal solution for modern buildings.

*The **Termo 120** system is adaptable to different needs, offering options for double or triple glazing as well as options for integration of fixed units. Furthermore, its compatibility with facade systems allows for seamless integration into contemporary architecture.*

TERMO 120

ZNAČAJKE SUSTAVA:

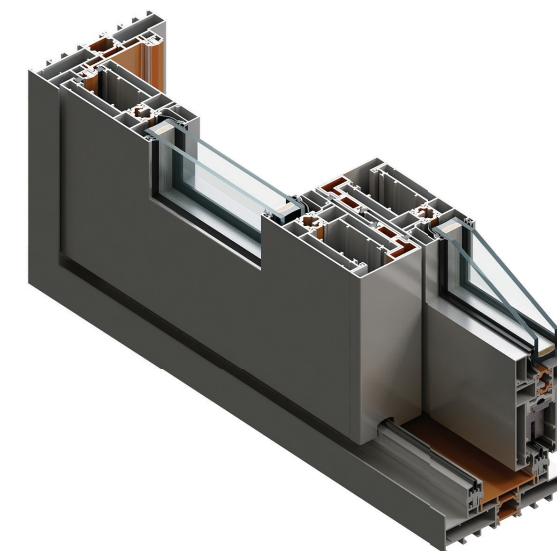
Termo 120 sustav se koristi za izradu kliznih/podizno-kliznih vrata

Profili su izvedeni s prekinutim toplinskim mostom:

- osnovne ugradbene dubine rama:
 - dvije staze 126 mm **Termo 120**
 - tri staze 196.5 mm Termo 120 - 126 mm **Termo 120 plus**

Prekid toplinskog mosta postiže se poliamidnim trakama (20 i 28 mm za ram i 20 i 26 mm za krilo). Radi poboljšanja toplinskih karakteristika (smanjenja toplinske provodljivosti) u komore profila se ugrađuju trake od ekstrudiranog polistirena (XPS-a).

U kombinaciji s troslojnim staklom i odgovarajućim distancerom stakla sustav može postići ukupni koeficijent prolaska topline $U_d \geq 1.4$ [W/m²K]. Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.



TERMO 120

SYSTEM FEATURES:

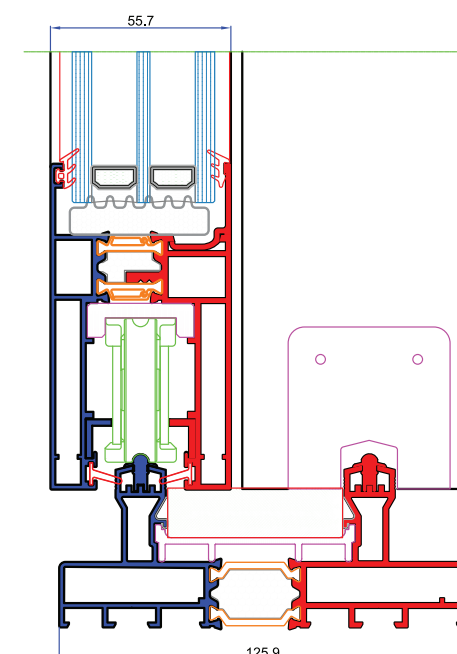
The **Termo 120** system is utilized for the manufacturing of high-quality sliding and lift-and-slide doors.

The profiles feature a thermal break:

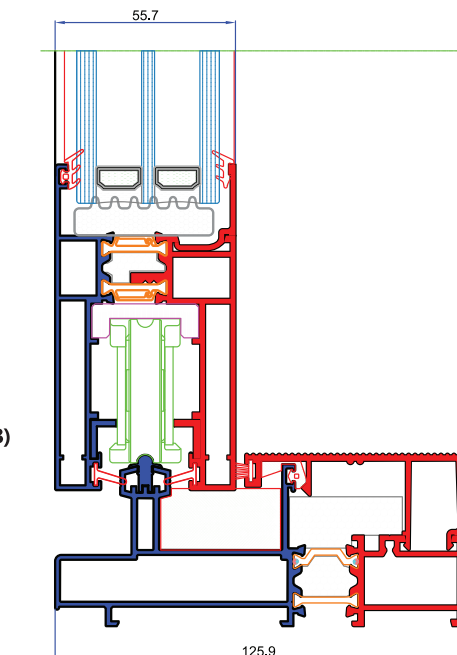
- Basic frame installation depths:
 - Two-track: 126 mm **Termo 120**
 - Three-track: 196.5 mm Termo 120 or 126 mm **Termo 120 Plus**

The thermal break is achieved using polyamide strips (20 and 28 mm for the frame; 20 and 26 mm for the sash). To further enhance thermal performance and reduce heat transfer, extruded polystyrene (XPS) strips are integrated within the profile chambers. When combined with triple glazing and appropriate glass spacers, the system achieves superior total thermal transmittance $U_d \geq 1.4$ [W/m²K]. The glass is secured in the sash with internal beads and sealed on both sides with EPDM gaskets.

PRESJEK T 120 / CROSS-SECTION T 120



PRESJEK T 120 PLUS / CROSS-SECTION T 120 PLUS



TEHNIČKE KARAKTERISTIKE SUSTAVA:

TECHNICAL CHARACTERISTICS:

Dubina ispune / Infill depth
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

do 44 mm / up to 44 mm
EN 12207 (klasa 4)
EN 12208 (klasa E900)
EN 12210 (klasa C4/B4)
EN ISO 717-1 (Rw do / up to 33dB)
EN 1627 (RC2)
DIN EN ISO 10077-2