

**FEAL**

## TERMO 200 DA

Podizno-klizna vrata  
*Lift & slide doors*

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# TERMO 200 DA

Sistem TERMO 200 DA koristi se za izradu podizno-kliznih vrata (jedno krilo podizno klizno + fiksno, dva srednja krila podizno klizna bokovi fiksni, bokovi podizno klizna krila a sredina fiksna). Profil rama i krila sastoji se iz vanjskog al. profila, poliamidne trake, unutarnjeg al. profila i drvene obloge. Drvenu oblogu spajamo s pripadajućim profilom pomoću kopči. Profili su izvedeni s prekinutim toplinskim mostom osnovne ugradbene dubine rama 200 mm i krila 92 mm.

Prekid toplinskog mosta postiže se poliamidnim trakama (27 mm i 30 mm za ram i 18.6 mm i 30 mm za krilo (antibimetalni)). 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 sistem može postići ukupni koeficijent prolaska topline  $U_d = 1$  [W/m<sup>2</sup>K]. Brtvljenje između krila i rama izvedeno je EPDM brtvama. Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane. Okov je sistematski (podizno - klizni) različitih proizvođača (Roto, Hautau).

#### Karakteristike sistema:

Materijal: EN AW - 6060  
 Masa krila: 150 - 300 kg  
 Debljina stakla: 46 mm  
 Materijal za brtvljenje (EPDM): DIN 7863  
 Zrakopropusnost: Class 4  
 Vodonepropusnost: 9A  
 Otpornost na udar vjetra: C4/B4  
 Proračun  $U_d$  koeficijenta: DIN EN ISO 10077-2  
 Površinska obrada: DIN 17611  
 Kontrola kvalitete: DIN EN ISO 9001

*The Termo 150 system is used for the production of lift & slide doors. Profiles are made with thermal break, basic mounting depth for frame is 150 mm (double-track frame) and 233 mm (triple-track frame), depth of sash is 67 mm with visible frame of 26 mm. Thermal break is achieved with polyamide strips (46 mm for frame and 22 mm for sash). For improved thermal characteristics (reduction of thermal conductivity) polyester insulation strips (XPS) are embedded into profile chambers. In combination with three-pane glass and adequate spacer system can reach total thermal transmittance coefficient of  $U_d=1$  [W/m<sup>2</sup>K]. Sealing between frame and sash is done with the EPDM gasket. Glass in sash is fixed with inner profile and sealed with EPDM gaskets on both sides.*

*The Termo 150/Termo 150 plus system enables:*

- low threshold versions
- the construction of concealed water drains from the frame over the terrace, providing better watertight characteristics
- installation in 50 FK and 60 K façade systems
- integration of aluminium rail for sun protection combining the sash and the fixed outer part with leading on one, two or three rails depending on the chosen typology (Termo 150 plus)
- open-angle design that provides open space without visible corner elements (Termo 150 plus)

#### System features:

*Material: EN AW 60-60  
 Sash weight: up to 330 kg  
 Glass thickness: 54 mm max.  
 Air permeability: EN 12207 (class 4)  
 Water tightness: EN 12208 (class E1050)  
 Resistance to wind: EN 12210 (class C4/B4)  
 Calculation of  $U_d$  coefficient: DIN EN ISO 10077-2  
 Burglar resistance: RC2 (EN 1627)*

## ZAŠTO JE TERMO 200 DA SAVRŠEN IZBOR?

Termo 200 DA je vrhunski termički izoliran podizno-klizni sistem koji spaja toplinu i tradiciju drveta s tehnologijom aluminija istodobno pružajući visok stupanj toplinske izolacije. Stvara visoku razinu udobnosti u vašem domu održavanjem konstantne ugodne temperature u sobi; također štedi energiju i smanjuje troškove i to ne samo u hladnim danima, već i ljeti. Termo 200 DA pruža mogućnost raznih kombinacija boja i tekstura s elementima namještaja.

Kombinacija aluminij/drvo je našla veliku primjenu u modernoj arhitekturi. Veliki izbor vrsta i boja drveta koje se mogu koristiti prilikom izrade omogućuju suvremenim građevinama privlačan izgled.

## WHY IS TERMO 200 DA A PERFECT CHOICE?

*The Termo 150 is a premium thermal insulated lift and slide system designed to create maximum light openings in combination with increased comfort, safety and stability while providing a high degree of thermal insulation. This creates a high level of comfort in your home by maintaining a constant comfortable temperature in the room; it also saves energy and reduces costs, not only on cold days but also in the summer. The heat is retained outside and the cost of air conditioning can be greatly reduced. In addition to the Termo 150 a version of the lift & slide door system Termo 150 plus was developed.*

