TERMO **150**

Podizno-klizna vrata

Lift & slide doors

FEAL

www.feal.ba

FEAL Široki Brijeg
Trnska cesta 146
88220 Široki Brijeg
Bosna i Hercegovina
Tel: +387 39 704-269
Fax: +387 39 704-358
info@feal.ba

FEAL Hrvatska – Zagreb
Rudeška cesta 3a
10000 Zagreb
Hrvatska
Tel: +385 1 386-62-22
Fax: +385 1 386-62-23
info@feal.hr

FEAL Beograd
Naselje Ekonomije 1,
br. 16A
11080 Zemun
Srbija
Tel: +381 63 690 601
info@feal.rs

FEAL Crna Gora
Nikšićki put bb
81000 Podgorica
Crna Gora
Tel: +382 78 105-544
Fax: +382 78 105-544
fealcg@t-com.me

FEAL Austria
Konrad-Doppelmayr-
Strasse 17, 6922 Wolfurt
Österreich
Tel: +43(0)5574-62230
Fax: +43(0)5574-61989
info@feal.at

FEAL Deutschland
Kemptener Str. 99
88131 Lindau
Deutschland
Tel: +49(0)8382 504 9393
Fax:+49(0)8382 504 9390
info@feal-deutschland.de

TERMO **150**

Podizno-klizna vrata

Lift & slide doors

ZAŠTO JE TERMO 150 SAVRŠEN IZBOR?

Termo 150 je vrhunski termički izoliran podizno-klizni sistem, projektiran da kreira maksimalne svijetle otvore u kombinaciji s povećanim stupnjem udobnosti, sigurnosti i stabilnosti, istodobno pružajući visok stupanj toplinske izolacije. To 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. U tom slučaju se toplina zadržava vani, a troškovi klimatizacije mogu se znatno smanjiti. Uz Termo 150 razvijena je i verzija podizno kliznih vrata Termo 150 plus.

Termo 150 plus je zadržao sve bitnije karakteristike Terma 150 uz:

- Veća količina svjetlosti u prostoru
- Minimalna vidljiva površina srednjeg vertikalnog pojasa
- Integriranje fiksnog dijela vrata u okvir
- Ekonomičnost u izradi i montaži

WHY IS TERMO 150 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.

Termo 150 plus retained all the essential features of Termo 150 with:

- *Allows more light inside the room*
- *Minimum visible area of the middle vertical frame*
- *Integrating the fixed glazed element directly in the frame*
- *Cost-effective in production and assembly*

PERFECTION IN ALUMINIUM

TERMO **150**

TERMO 150/Termo 150 plus je sistem koji se koristi za izradu podizno-kliznih vrata. Profili su izvedeni s prekinutim toplinskim mostom osnovne ugradbene dubine rama 150 mm (dvostazno Termo 150 i jednostazno Termo 150 plus) i 233 mm (trostazno Termo 150), dubine krila 67 mm. 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 Ud=1 (W/m2K). Brtvljenje između krila i rama izvedeno je EPDM brtvama. Staklo je u krilu učvršćeno unutarnjim letvicama te zabrtvljeno EPDM brtvama s obje strane.

Sistem Termo 150/Termo 150 plus omogućava:

- izvedbe niskog praga
- izvedbu skrivenih odvoda za vodu iz rama preko terase čime se osiguravaju bolje karakteristike na vodonepropusnost
- ugradnju u fasadne sisteme 50 FK i 60 K
- integriranje aluminijske vodilice za zaštitu od sunca, kombinacijom krila i fiksnog dijela koji se nalazi s vanjske strane s vođenjem na jednoj, dvije ili tri vodilice ovisno o izabranoj tipologiji (Termo 150 plus)
- izvedbu otvorenog kuta koji osigurava otvaranje prostora bez vidljivih kutnih elemenata (Termo 150 plus)

Karakteristike sistema:

Materijal: ENAW 60-60
Težina krila: do 330 kg
Debljina stakla: max.54 mm
Zrakopropusnost: EN 12207 (klasa 4)
Vodonepropusnost: EN 12208 (klasa E1050)
Otpornost na udare vjetra: EN 12210 (klasa C4/B4)
Proračun Ud koeficijenta: DIN EN ISO 10077-2
Protuprovalnost: RC2 (EN 1627)

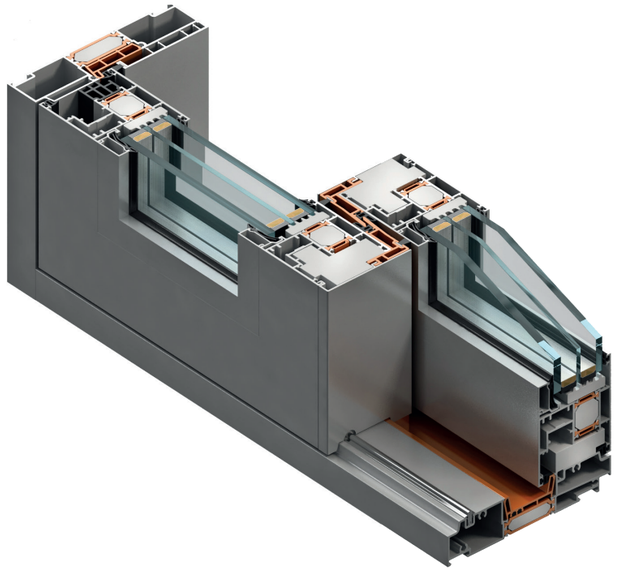
The Termo 150 system is used for the production of lift & slide doors. Profiles are made with thermal break, basic mounting depth for frame is 150 mm (double-track frame) and 233 mm (triple-track frame), depth of sash is 67 mm with visible frame of 26 mm. Thermal break is achieved with polyamide strips (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 Ud=1 [W/m2K]. 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.

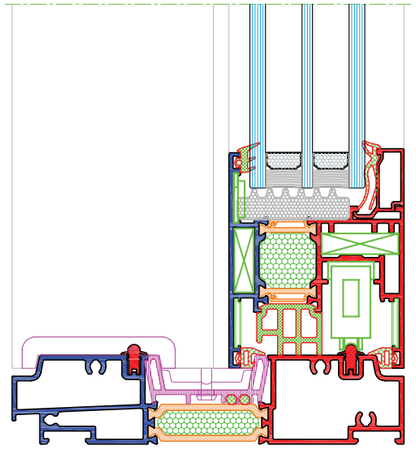
The Termo 150/Termo 150 plus system enables:

- *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 Ud coefficient: DIN EN ISO 10077-2
Burglar resistance: RC2 (EN 1627)





FEAL