

INOWA

KLIZNA VRATA

SLIDING DOORS

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INOWA KLIZNA VRATA

INOWA je sistem otklopno-kliznih vrata s integriranim fiksnim dijelom, dizajniran za izvrsnu toplinsku i statičku izolaciju. Zahvaljujući paralelnom pomicanju krila u odnosu na ram i cjelovitom sistemu brtvljenja, **INOWA** pruža vrhunsku zaštitu od vremenskih utjecaja, što ga čini idealnim rješenjem za stambene i komercijalne objekte.

Sistem **INOWA** kombinira eleganciju kliznih vrata s izuzetnim izolacijskim karakteristikama, zahvaljujući mogućem paralelnom pomicanju krila (+/- 8 mm). Klizni mehanizam omogućuje lako rukovanje i nesmetan prijelaz između prostora, a zbog kompatibilnosti s fasadnim sustavima s lakoćom se ugrađuje u razne arhitektonske projekte.

INOWA SLIDING DOORS

The **INOWA** tilt-and-slide door system, featuring an integrated fixed section, is meticulously engineered to deliver exceptional thermal efficiency and structural integrity. By combining a unique parallel sash movement with a comprehensive sealing system, **INOWA** ensures superior weather resistance, making it the definitive choice for both high-end residential and sophisticated commercial buildings.

Blending the timeless elegance of sliding glass with industry-leading insulation, the **INOWA** system stands out with its precision-engineered parallel opening (+/- 8 mm). Its seamless sliding mechanism guarantees effortless operation and a smooth transition between interior and exterior spaces. Furthermore, its full compatibility with advanced façade systems allows for flawless integration into even the most ambitious architectural projects.

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ZNAČAJKE SISTEMA:

Sistem **INOWA** koristi se za izradu otklopno-kliznih vrata. Profili su izvedeni s prekinutim toplinskim mostom osnovne ugradbene dubine rama 156 mm, dubine krila 70 mm. Prekid toplinskog mosta postiže se poliamidnim trakama - 32 mm za ram i 30 mm za krilo.

Radi poboljšanja toplinskih karakteristika odnosno 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 $U_d = 1.1$ [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.

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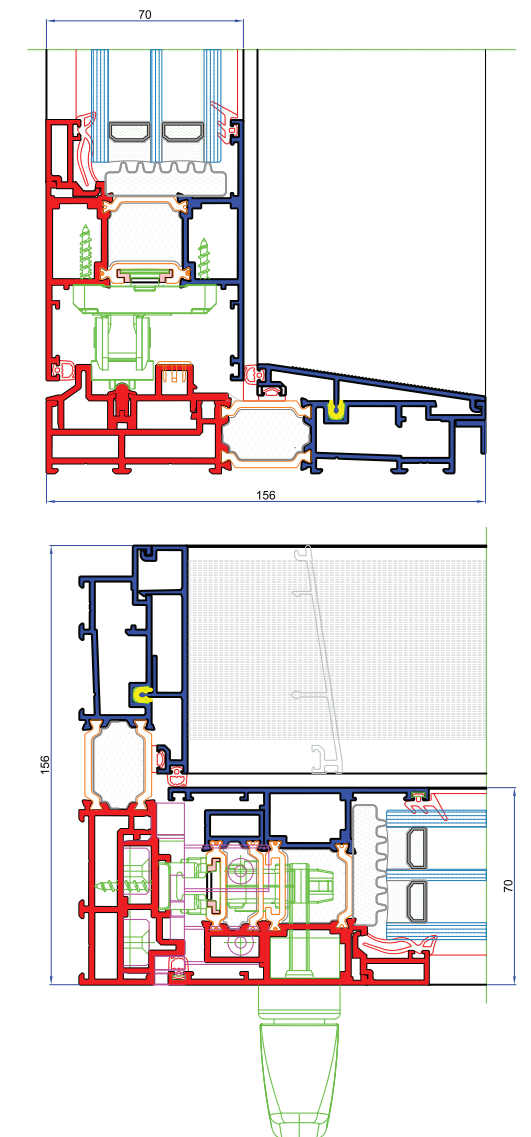
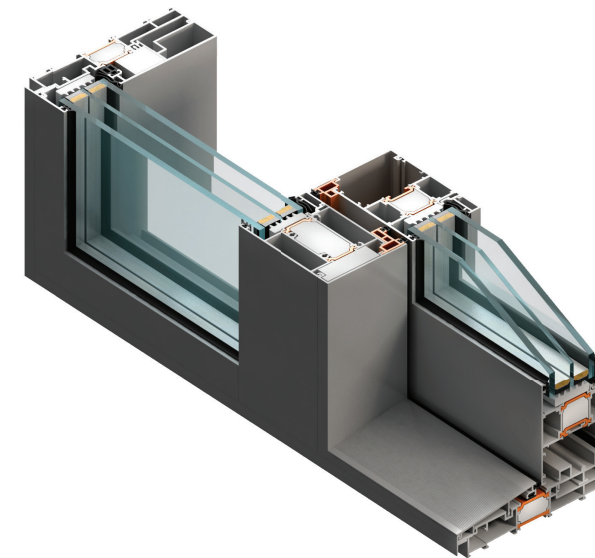
SYSTEM FEATURES:

The **INOWA** system is expertly engineered for the production of high-performance tilt-and-slide doors. The profiles feature a thermal break design, with a standard frame depth of 156 mm and a sash depth of 70 mm. Superior thermal insulation is achieved through high-quality polyamide strips-32 mm for the frame and 30 mm for the sash.

To further enhance thermal efficiency and minimize conductivity, the profile chambers are integrated with extruded polystyrene (XPS) inserts.

When combined with triple glazing and high-performance glass spacers, the system achieves an outstanding overall thermal transmittance coefficient of $U_d = 1.1$ [W/m²K].

Precision sealing between the sash and the frame is ensured using EPDM gaskets. The glazing is secured within the sash using internal glazing beads and sealed with EPDM gaskets on both sides.



TEHNIČKE KARAKTERISTIKE SISTEMA: TECHNICAL CHARACTERISTICS:

Dubina ispune / Infill depth
Zrakopropusnost / Air permeability
Vodonepropusnost / Watertightness
Otpornost na udar vjetrova / Wind resistance
Zaštita od buke / Sound insulation
Protuprovalnost / Burglar resistance
Proračun U_d koeficijenta / U_d coefficient calculation

Do / up to 46 mm
EN 12207 (klasa 4)
EN 12208 (klasa E1050)
EN 12210 (klasa C5/B5)
EN ISO 717-1 (Rw do / up to 46 dB)
EN 1627 (RC2)
DIN EN ISO 10077-2 ($U_d \geq 1.1$ W/m²K)