

PRS-72

Designed to insulate
and protect your spaces



A versatile, safe and stylish entrance door that fits any setting

The entrance of a building is its presentation card. The **PRS-72** aluminium door system has been developed with the main objective of meeting the requirements of any project with the maximum guarantees of insulation, resistance, safety and style, in order to create highly functional spaces with unique character.

This flush door stands out in particular due to its versatility, allowing the use of glass and panel on its sash. In both options, a modern appearance comes to light due to its design of sharp straight lines. It also allows to create openings up to 3 m height, as well as integrations in curtain wall systems.

It offers an outstanding performance in terms of thermal transmittance and insulation, reaching values of 1.1 W/m²K, Class 4, E900 and C5 in the weather tests and 40 db in the acoustic tests.



Outstanding features

- Maximum recommended dimensions per sash: 1600x3000 mm
- Maximum glazing: up to 60 mm
- Maximum weight per sash: 180 kg
- Weather performance: Class 4 / E900 / C5
- Acoustic insulation: 40 dB
- Thermal transmittance: U_w up to 1.1 W/m²K
- 20 mm polyamides and anti-bi-metal polyamide option
- Repeated opening and closing resistance test: 1 000 000 cycles
- Impact test: Class 4





GLAZED
Option



PANELLED
Option

DESIGN

The PRS-72 modern design of sharp straight lines eases its integration in any type of contemporary architectural space, adding style and elegance. It enables the creation of stylized entrances of up to 3 m high.

FEATURES

The system has 20 mm polyamides, an exterior watertightness gasket and a 20 mm threshold. The glass version allows a 60 mm maximum glazing, while the panelled option is configured with 1.5 mm veneers, insulation foam and 8 mm boards.

POSSIBILITIES

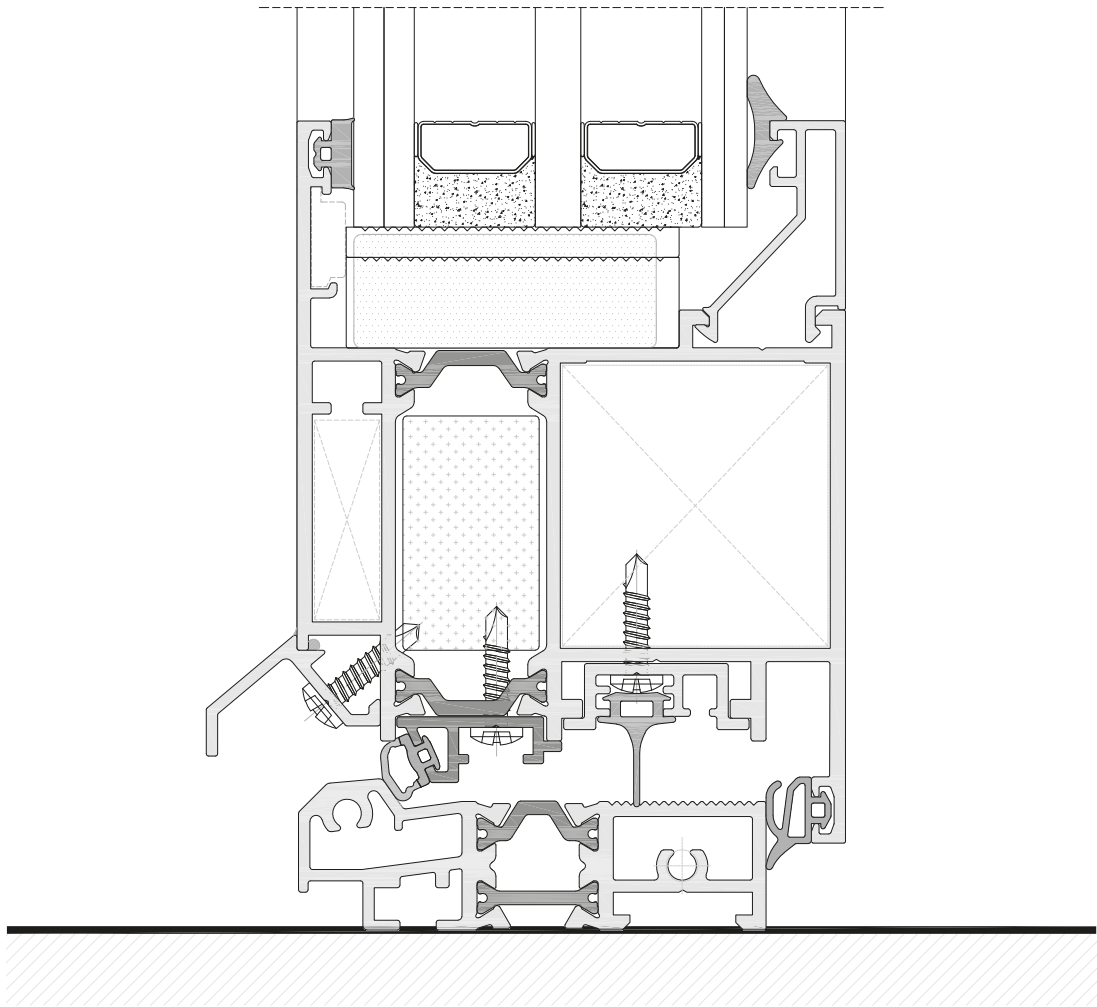
Both the panelled and the glazed version of the PRS-72 allow the installation of backset locks up to 35 mm. The gasket grooves for the panelled option are included. The possibility of using anti-bi-metal polyamide is also admitted.

PERFORMANCE

It presents excellent results of thermal transmittance and insulation, reaching $1.1 \text{ W/m}^2\text{K}$ (U_w), Class 4 / E900 / C5 in AEV tests and 40 dB in acoustic insulation. It is certified with a test of 1 000 000 opening and closing cycles and has a Class 4 classification in the impact test.



Massive. Beautiful.
Efficient.



Maximum recommended dimensions (LxH) 1600x3000 mm/sash

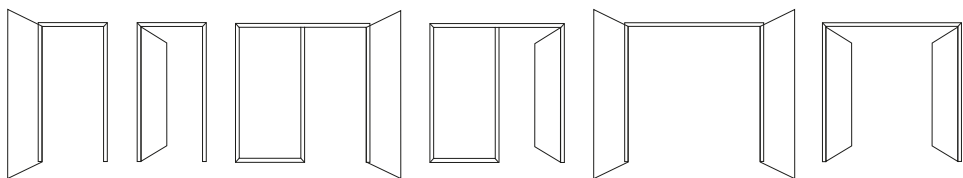
Maximum recommended weight 180 kg/sash

Maximum glazing 60 mm

U_w value Up to 1,1 W/m²K

*Based on the opening type and weight

Air permeability	Watertightness	Wind load	Acoustic insulation Rw
Class 4	E900	C5	40 dB (-1;-3)





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