



ALU 60 mm

The innovative door with even more insulation

The ALU 60 mm sectional door is a modern innovation that excels in terms of design, function and ease of assembly.

The 60 mm thick ALU sectional door comes with triple glazing and guarantees excellent heat-insulating, anti-condensation and sound-absorbing properties.

It's the perfect solution for rooms where light, visibility and a constant indoor climate are essential.



Special insulation profiles

The ALU 60 mm door is twice as thick as the ALU 40 mm door and consists of two aluminium profiles that are thermally separated by special insulation profiles. The door has an extremely low U-value, even though it is fitted with glazing. The ALU 60 mm sectional door is particularly suited to industrial facilities where illumination is of the utmost importance, as are excellent insulation and optimal energy savings.

U-value ALU 60 mm sectional door: 5,000 x 5,000 mm: 2.33 W/m²K, with triple glazing

Interior view ALU 40 mm / ALU 60 mm



Section connection

The sections of an ALU 40 door are specially sealed to make them completely wind and waterproof using an EPDM rubber door seal.



Aluminium glazing beads

Aluminium glazing beads stay perfectly sealed and retain their high-quality appearance, even in wide temperature fluctuations.



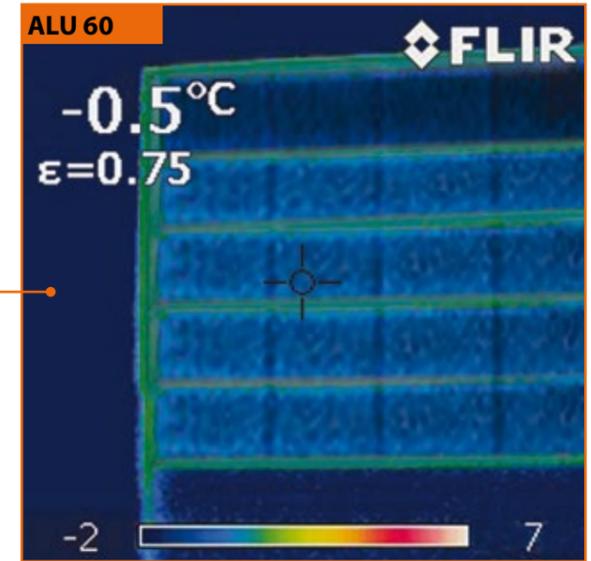
Wind load

Depending on the width, the ALU sectional door is fitted with integrated single-piece reinforcement profiles. Thanks to the reinforcement profiles, the door is able to withstand a heavy wind load. Depending on the door configuration chosen, we use thicker and/or longer profiles. For a door of 4,200 mm and wider, every other panel has a profile, while for a door of 5,000 mm and wider, each section has a reinforcement profile.

Condensation

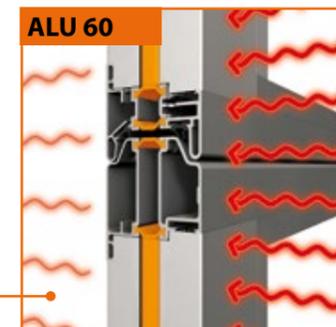
Condensation will soon appear on the inside of a standard ALU 40 door at low outdoor temperatures and a high indoor atmospheric humidity. This is because condensation forms on the coldest surface in the room, which is the door.

If you wish to stop condensation forming on your doors, the ALU 60 door is the one for you. Condensation will never be an issue – even if indoor humidity levels are high – thanks to the fact that the door is equipped with special insulation profiles.



Infrared imaging

The ALU 60 guarantees you a very high insulative value. We check this feature by taking infrared images of the assembled doors. Any light spots indicate where energy loss occurs, while the dark regions are well-insulated.



Section seals

The sections of the ALU 60 door are specially sealed to make them completely wind and waterproof. Any heat transmission is prevented by the special insulation profiles.



Triple synthetic glazing

The ALU 60 door is fitted with triple glazing as a standard for additional insulation. The windows are fitted in thermally separated insulation profiles. Double synthetic glazing is also available, although that means the insulative value will be lower.

