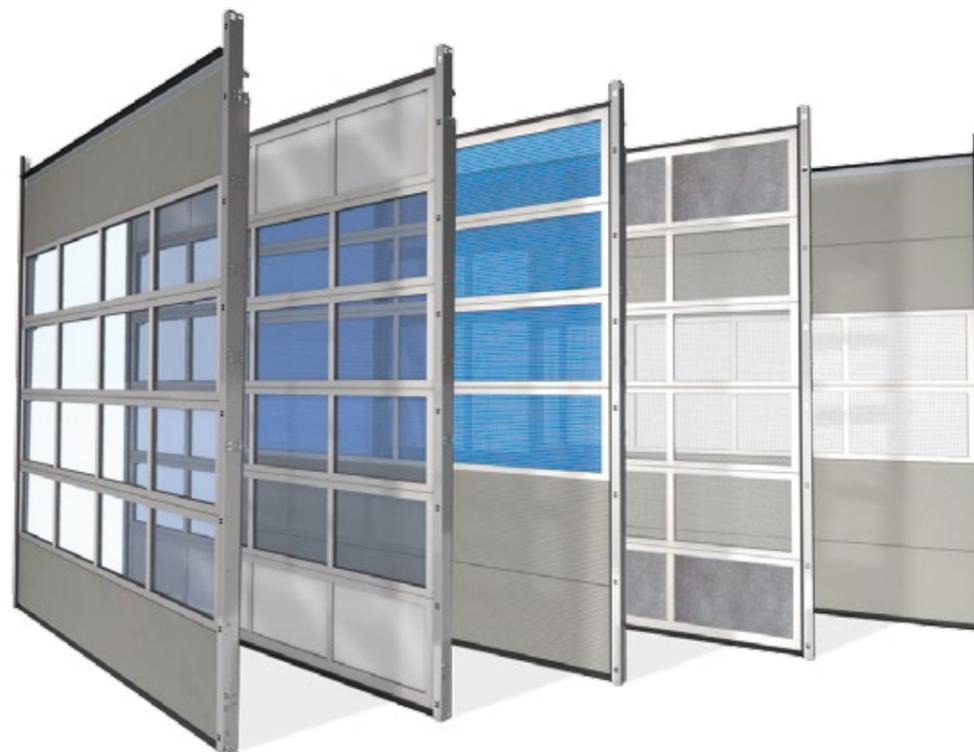




ALU 40 mm

When natural light and visibility matter

In industrial environments, where light and visibility are of paramount importance, the Alpha ALU 40 mm sectional door proves to be indispensable. The door panel of an ALU door consists of multiple sections, and thanks to the custom-sized aluminium profiles, frames can be manufactured that have a very wide range of uses. Be bold and combine transparent, coloured, insulating or air-permeable windows with aluminium cassette panels. Anything is possible.



U-value of ALU 40 mm sectional door: 5,000 x 5,000 mm: 3.87 W/m²K

Be adventurous with windows

ALU 40 mm sectional doors can be equipped with plastic window frames of various levels of quality and with different insulative values, colours and builds. Go for coloured glass or hollow-core plates, play with the divisions or combine various ISO panels with the ALU sections for a great result. Thanks to the plethora of design and application options, the ALU 40 mm sectional door is particularly useful if you want to combine an attractive design with optimal light transmittance.



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.



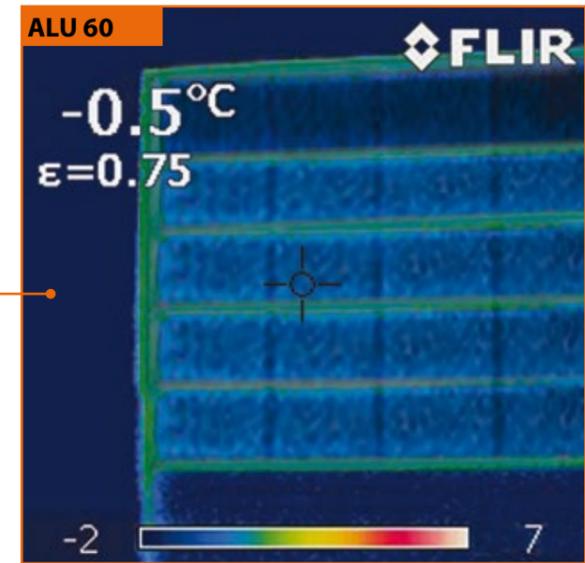
Aluminium glazing beads
Aluminium glazing beads stay perfectly sealed and retain their high-quality appearance, even in wide temperature fluctuations.



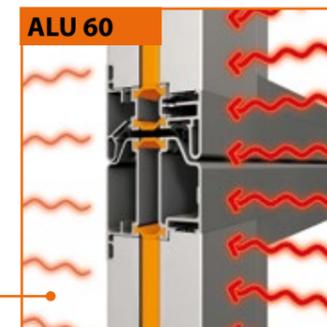
Wind load
Depending on the width, the ALU sectional door is fitted with integrated single-piece reinforcement profiles. Thanks to the reinforcement profiles, the door is able to withstand a heavy wind load. Depending on the door configuration chosen, we use thicker and/or longer profiles. For a door 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.

