



LET'S BUILD A BETTER FUTURE

## Exterior door with an off-centre rotation axis **MB-86N PIVOT DOOR**

The MB-86N Pivot Door is an external structure. Its primary features are its impressive dimensions and out-of-the-box design. The off-centre rotation axis endows the door with a unique look, while the concealed hinges provide a very high load capacity. Structures of this kind are popular with architects and are often used for projects where large-scale dimensions and original design play a major part. Pivot doors are recommended whenever there is a requirement to ensure that an entryway is powerfully accentuated and performs as a showpiece element of a building's façade.

ALUPROF's MB-86N Pivot Doors are a statement alternative to their classic profiled, sliding or bifold counterparts. The system can be used to create panelled and glazed doors featuring excellent thermal and acoustic performance, along with first-class air- and watertightness, making it possible to meet requirements for energy efficiency and environmental protection. Other unique aspects include a customised locking system offering one- or two-latch options.



**U<sub>D</sub> from 0.73 W/(m<sup>2</sup>K)**



Panelled door  
**MB-86N PIVOT DOOR**



Glass door  
**MB-86N PIVOT DOOR**

## FUNCTIONS AND AESTHETICS

- large-scale leaves measuring up to 2 m wide and 3.4 m high
- off-centre pivot
- leaves or glazed insulating units up to 60 mm thick
- concealed bearing hinges with a load capacity of up to 500 kg
- three thermal construction variants, the ST, the SI and the SI+
- locked by means of alternating strips on the leaf and frame
- the bottom is sealed using a drop seal
- the low, 20 mm threshold can be fully built in, obtaining a 'zero threshold' effect with the possibility of draining water to the outside
- linear drainage can be installed
- quick and efficient leaf installation and uninstallation
- the solution is based on ALUPROF's MB-86N system profiles

PERFORMANCE	MB-86N PIVOT DOOR
Airtightness	class 3, EN 12207
Watertightness	class 3B, EN 12208
Wind load resistance	class C3, EN 12210
Thermal insulation	$U_D$ from 0.73 (W/m <sup>2</sup> K)*

\* - For panelled MB-86N Pivot Doors with leaves measuring 2000×2180 mm