



LET'S BUILD A BETTER FUTURE

Exterior door with an off-center 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-center 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 paneled 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 customized locking system offering one- or two-latch options.



U_D from 0.73 W/(m²K)



Paneled 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-center 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 ² K)*

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