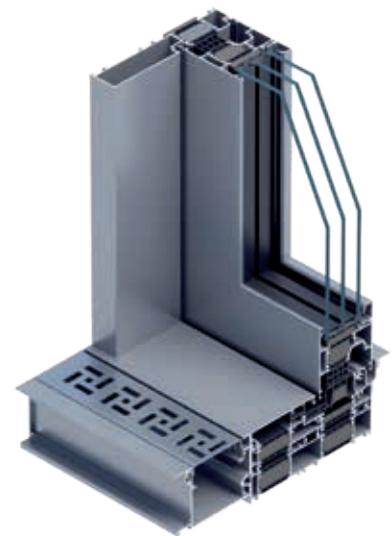




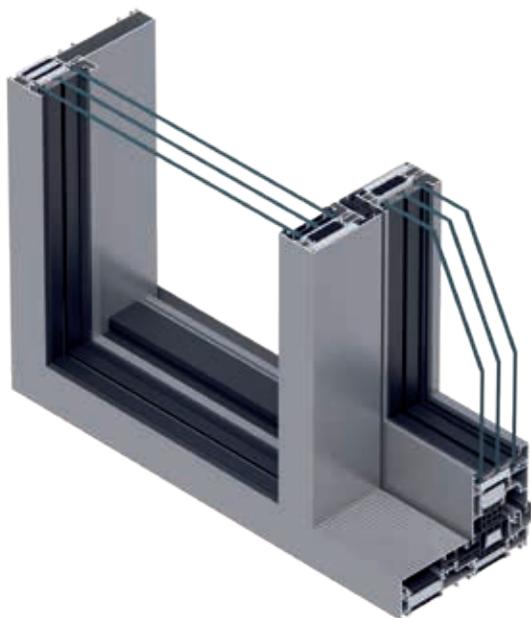
LET'S BUILD A BETTER FUTURE

Lift and slide patio door **MB-82HS**

The MB-82HS lift and slide patio door with thermal break is a structure which is a perfect match for contemporary interiors. It is designed for creating a building with user comfort in mind, where the living space connects seamlessly with the patio. It offers high aesthetic values, easy fabrication and excellent performance parameters, including impressive thermal insulation, airtightness and watertightness. Generous dimensions are achievable for structures made with the MB-82HS and the doors can be opened either manually or automatically. The parameters mean that the system can be used for buildings with demanding energy efficiency requirements. The technological solutions it features include a 'zero' threshold embedded in the floor, a linear drainage system, slim mullions and no masking strips on the vertical frames. This makes the MB-82HS a door where visual appeal goes hand in hand with functionality and user comfort.



U_w from 0,60 W/(m²K)



FUNCTIONS AND AESTHETICS

- profile depth: 82 mm for the leaf, 186 mm for the frame
- three thermal variants: the ST, SI and SI+
- glazing: 18-66 mm for the leaf, 36-65 mm for the fixed lights
- maximum leaf dimensions: 3240×3300 mm
- maximum leaf weight: 600 kg
- outstanding sound insulation performance of up to 46 dB
- a wide selection of hardware
- a range of mullion solutions; the SI+ mullion offers enhanced thermal performance or a slim mullion with high aesthetic values
- the glazing of the lights from the outside makes it possible to install large, heavy panes of glass
- a compensating profile is available for preventing ceiling deflection from affecting the functioning of the door
- the custom-designed profiles make the door easy to combine with other ALUPROF systems, such as the MB-79N, MB-86N and MB-104 Passive
- easier prefabrication, thanks to the simplified drainage model, straight-cut and bolted frame and glazing on the outside of the fixed lights
- a comprehensive system solution for installation; an EPS structural base, mounting brackets, a compensating profile and linear drainage

TECHNICAL SPECIFICATION	MB-82HS
Frame depth	186 mm
Leaf depth	82 mm
Glazing thickness	18 – 66 mm

PERFORMANCE	MB-82HS
Air permeability	class 4, EN 12207
Watertightness	from 750 Pa to 1800 Pa*, EN 12208
Windload resistance	from 1200 Pa to 2400 Pa*, EN 12210
Thermal insulation	U_w from 0,60 W/(m ² K)**

* - Applies to MB-82HS HP (High Performance) system doors with maximum dimensions of 4000×2496.5 mm

** - U_w for an operable MB-82HS door measuring 6500×3300 mm, with $U_g=0.5$ W/(m²K) glass and a warm edge spacer bar