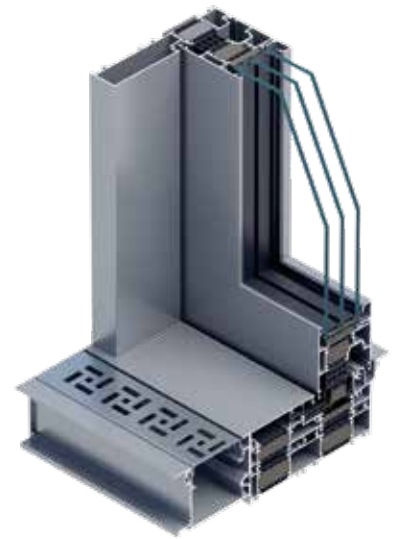




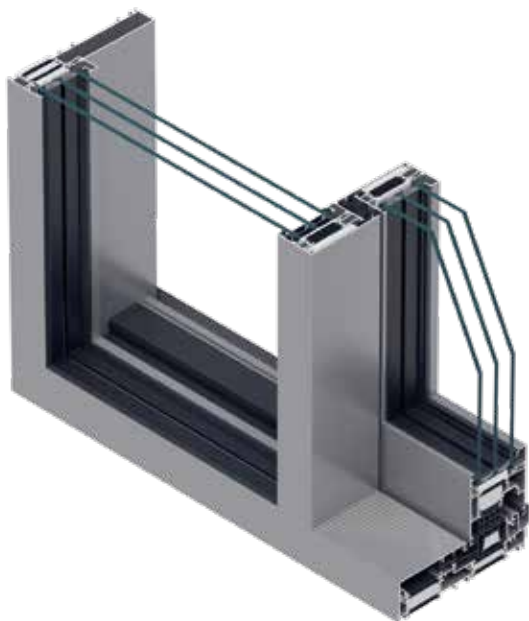
LET'S BUILD A BETTER FUTURE

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

Experience unmatched performance and style with the MB-82HS, a patio door designed for modern living spaces. This door blends indoor comfort with outdoor accessibility seamlessly, making it an ideal choice for contemporary homes. It stands out for its high aesthetic appeal, ease of fabrication, and outstanding performance characteristics. These include superior thermal insulation, top-notch airtightness, and excellent watertightness. The MB-82HS can accommodate large dimensions, offering both manual and automatic opening options. Its specifications make it suitable for energyefficient building projects, featuring innovative design elements such as an embedded 'zero' threshold, a linear drainage system, sleek mullions, and the absence of masking strips on the vertical frames. With the MB-82HS, visual elegance meets practicality and comfort.



**$U_w$  from 0,60 W/(m<sup>2</sup>K)**



## FEATURES AND DESIGN HIGHLIGHTS

- profile depth: 82 mm for the door leaf, 186 mm for the frame
- three thermal variants: the ST, SI and SI+
- glazing options: 18-66 mm for the door leaf, 36-65 mm for the fixed panels
- maximum leaf size: 3240×3300 mm
- maximum leaf weight: 600 kg
- outstanding sound insulation performance of up to 46 dB
- a wide selection of hardware
- mullion options: the SI+ mullion enhances thermal performance, and a slim mullion offers superior aesthetics
- the glazing of the panels from the outside makes it possible to install large, heavy glass panes
- 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 panels
- a comprehensive system solution for installation; an EPS structural base, mounting brackets, a compensating profile and linear drainage

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

| PERFORMANCE          | MB-82HS                                |
|----------------------|--|
| Airtightness         | class 4, EN 12207                      |
| Watertightness       | from 750 Pa to 1800 Pa*, EN 12208      |
| Wind load resistance | from 1200 Pa to 2400 Pa*, EN 12210     |
| Thermal insulation   | $U_w$ from 0,60 W/(m <sup>2</sup> 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/(m<sup>2</sup>K) glass and a warm edge spacer bar