

# MB-70 Drzwi panelowe

Entrance door with a thermal break

Our offer includes panel doors based on the MB-86 system. It is a very visually attractive and, at the same time, technologically advanced product, which due to its design solutions and the rich diversity of colours for door fill, it can be, not only the functional and durable entrance into your home, but also its mark and decoration.

## Solid construction

The construction is based on the system of thermally insulated aluminium sections MB-86, which is the most technologically advanced door system in ALUPROF's offer. The leaf profile is adapted for being joined with special door fills, flush with the door frame on the outside face. They can be mounted to load-bearing profiles by gluing one or two sides. The possibility of using concealed hinges, additionally enhances the aesthetic value of the doors. As the load-bearing structure is MB-86 system, we have at our disposal lightweight and at the same time rigid and durable aluminium profiles available in four construction variants (ST, SI, SI+ and AERO) and in three bottom sealing combinations. Doors show a very high water- and air-tightness as well as excellent thermal and acoustic insulation power. This provides the real correlation between comfort inside the building and the costs of its usage.

## Modernity, style and excellent appearance for years

The filling panels are available in various designs and colours. The techniques for the milling of different shapes, making decorative applications and putting in glass units used in their production provide an endless number of combinations and variants. Thus, such doors can be used in modern houses as well as in classical-style architecture. Nevertheless, they are always a beautiful entrance to a building which attracts attention and brings charm to the entrance façade. Door fills are made of solid and weather-resistant materials. In addition, the external elements are often coated with special lacquers or their surface contains epoxy resins so the panels maintain their representative appearance for a long time. It is also possible to apply unique Teflon paints Finea on them to minimise the sticking of dirt.

## DATA AND TECHNICAL PARAMETERS:

- Frame/leaf depth: 77 mm, 95 mm
- Filling panel thickness: 22 - 95 mm
- Maximum leaf dimensions: L up to 1400 mm, H up to 2600 mm
- Air permeability: Class 4, PN-EN 12207:2001
- Water tightness: Class E900 (900 Pa), PN-EN 12208:2001
- Wind resistance: Class C5/B5, PN-EN 12210:2001
- Thermal insulating power:  $U_D$  up to 0,44 W/m<sup>2</sup>K(for panel of 95 mm)
- RC2 anti-burglary class

