

Certificate of constancy of performance characteristics No. 2434-CPR-0064, issued on 18 December 2019

- composite SGU glazing package with a maximum thickness of 41.0 mm consisting of fire-resistant (internal) glass, which can be a Polflam EI60 glass of minimum 25 mm of thickness and safety glass (external),
- composite DGU glazing package with a maximum thickness of 55.0 mm consisting of fire-resistant (internal) glass, which can be a Polflam EI60 glass of minimum 25 mm of thickness and safety glasses,
- layered opaque element, minimum panel thickness 46.5 mm (combination of insulation boards) or 61.5 mm (mineral wool).

Filling of the leaf of the technical door and window class EI290 is:

- Contraflam EI90 glass, thickness 40 mm; Pyrostop 90-102, thickness 37 mm; Polflam EI90, thickness 32 mm.

Increasing the thickness of the glazing is allowed, while the weight of the door leaf may not increase by more than 25%.

The fillings are mounted on hardwood washers using glazing angles. Sealing of the seals are EPDM settling gaskets mounted in aluminium glazing beads.

The technical door and technical window leaves are equipped with at least 2 or 3 hinges per leaf (depending on the dimensions and fire resistance class), ordinary (one- two- or three-point) or anti-panic (one- or three-point) lock, door closer, aluminium handle with a steel core.

Detailed technical parameters and conditions for the final classification can be found in the *Classification Report on fire resistance in accordance with PN-EN 13501-2:2016-07 (Report No. 1036.1/19/R436NZP)*, issued on 4 October 2019 by Construction Technique Institution.

Mount

Technical doors and windows of the ALUPROF® MB-78EI system, class EI30 can be mounted in:

- rigid mounting structures with a thickness of not less than 120 mm at a density of 650 kg/m³,
- flexible mounting constructions with a thickness of not less than 105 mm (plaster-cardboard on a steel grid)
- aluminium profile wall of the Aluprof® MB-78EI system,
- aluminium profile wall of the Aluprof® MB-SR50N EI system,

Technical doors and windows of the ALUPROF® MB-78EI system, class EI60 can be mounted in:

- rigid mounting structures with a thickness of not less than 175 mm at a density of 650 kg/m³,
- aluminium profile wall of the Aluprof® MB-78EI EI60 system,
- aluminium profile wall of the Aluprof® MB-SR50N EI EI60 system.

Technical doors and windows of the ALUPROF® MB-78EI system, class EI90 can be mounted in:

- rigid mounting structures with a thickness of not less than 175 mm at a density of 650 kg/m³.

Intended use:

For use as external technical doors / windows for closing openings in walls that require fire resistance.