

The MB-79N is the latest product to join ALUPROF's family of economic window and door systems. The successor to our highly popular MB-70 system, which has found wide use in the construction industry, it has been introduced with a view to meeting heightened thermal insulation requirements. It is employed for a broad range of structures, including fixed, turn, tilt, and tilt-and-slide windows, exterior doors, both single and double, and shop window-type solutions with doors.

## The system features:

- a 79 mm profile for the window and 70 mm profile for the window or door jamb
- thermal inserts; produced using state-of-the-art technology; they play an important part in attaining the high heat insulation parameters
- three thermal construction variants:
  - the MB-79N E; the most economic, central gasket for windows
  - the MB-79N ST; a two-component, central gasket for windows, designed to provide high thermal insulation
  - the MB-79N SI; providing the best thermal insulation. The profiles are fitted with insulating inserts produced using expanded polystyrene (EPS) and a two-component, central gasket
- a structure meeting the Technical Requirements taking effect from 2021 for windows and doors, at 0,9 W/(m<sup>2</sup>K and 1,3 W/(m<sup>2</sup>K, respectively
- thermal insulation for profiles; Ufvalue from 0.83 W/(m<sup>2</sup>K)
- compatibility with ALUPROF's MB-86 and MB-104 Passive systems, using the same accessories and gaskets
- excellent kinematics, making it possible to build narrow, opening windows and doors
- the most popular window/door hardware and furniture can be used, including the latest fitting from Winkhaus, the AluPilot, distributed on the Polish market solely by ALUPROF.

