

Window system

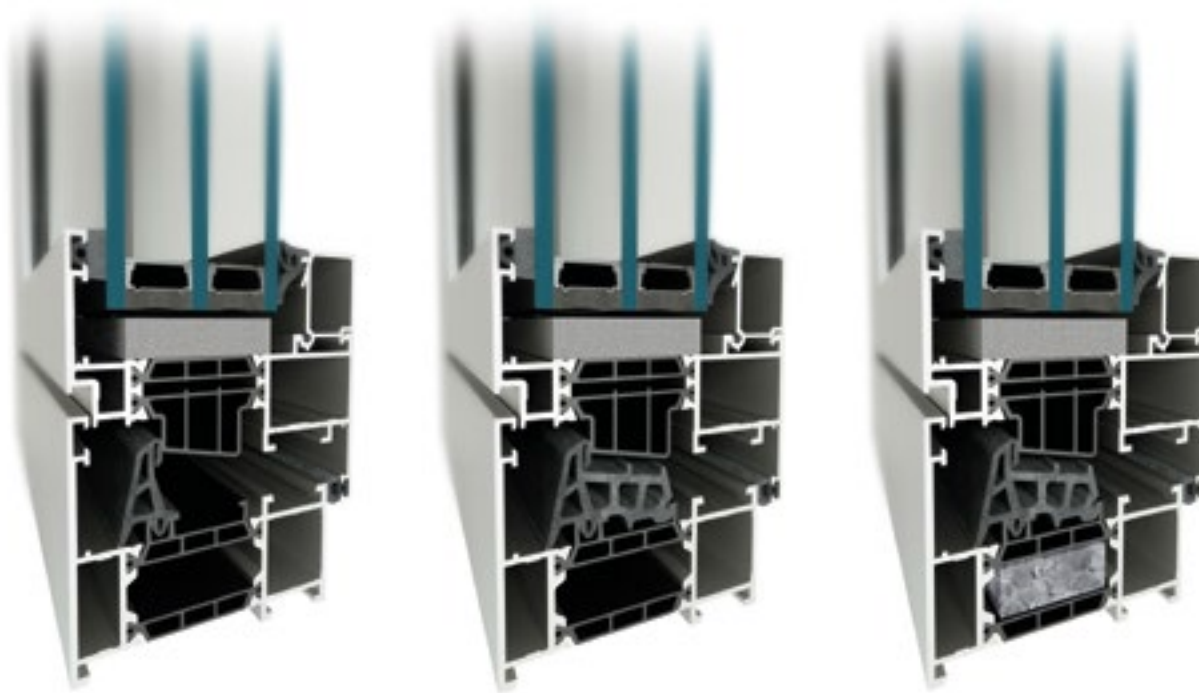
MB-79N E MB-79N ST MB-79N SI

The **MB-79N** is the most state-of-the-art and economical addition to the Aluprof window systems. It has been designed to outperform typical thermal insulation requirements. The **MB-79N** series can be used to fabricate fixed, side-hung, hopper, tilt-and-turn, and hopper-and-slide windows.

In addition to the economical version **MB-79N E**, featuring a one-component central seal, and the **MB-79N ST** version with a two-component central seal, Aluprof also offers the **MB-79N SI** variant with enhanced thermal insulation, and with profiles that come equipped with insulating inserts and a two-component central seal.

▪ U_w starting from 0,64 W/(m²K)





MB-79N E

MB-79N ST

MB-79N SI

FEATURES AND AESTHETICS

- profile depth: 79mm (casement) and 70mm (window frame)
- state-of-the-art thermal breaks for even greater thermal insulation performance
- 3 thermal variants of the product: MB-79N E, MB-79N ST, MB-79N SI
- thermal insulation: U_w starting from 0,64 W/(m²K), U_f starting from 0,83 W/(m²K)
- excellent kinematics enabling the fabrication of narrow, operable windows and doors
- possibility of using invisible hinges and the most popular multi-point hardware, including hidden fittings + state-of-the art AluPilot fittings
- able to receive double or triple glazing, up to 63mm
- large selection & different styles of handles, including minimalist looking handles with or without rosette

SPECIFICATION DETAILS	MB-79N windows
Frame depth	70 mm
Casement depth	79 mm
Glazing thickness	frame: 1,5 – 54 mm, casement: 10,5 – 63 mm
Max. casement size (H×L)	H up to 2700 mm, L up to 1350 mm / H up to 2150 mm, L up to 1700 mm

TECHNICAL DATA	MB-79N windows
Air permeability	class 4, EN 12207
Water tightness	class E 1950, EN 12208
Thermal insulation	U_w starting from 0,64 W/(m ² K)*, U_w starting from 0,73 W/(m ² K)**, U_f starting from 0,83 W/(m ² K) for MB-79N SI, U_f starting from 1,21 W/(m ² K) for MB-79N E and MB-79 ST
Resistance to wind load	class C5, EN 12210

* - U_w for MB-79N SI fixed window 1300 × 2700mm, glazing $U_g=0,5$ W/(m²K)

** - U_w for MB-79N SI operable window 1300 × 2700mm, glazing $U_g=0,5$ W/(m²K)