

ALUMIL

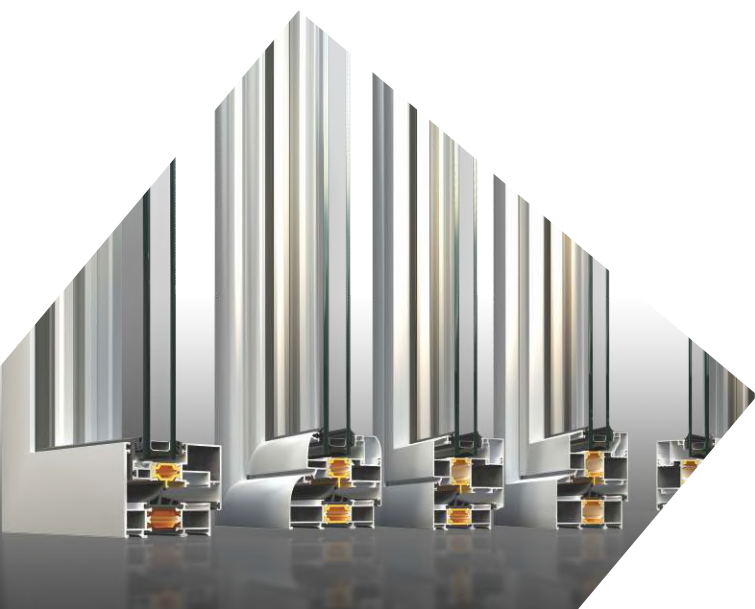
SMARTIA M1 1000



HINGED INSULATED SYSTEM

SMARTIA M1 1000 is a Tilt & Turn insulated hinged system that can meet the most demanding needs thanks to a large variety of solutions and designs.

- Basic system depth 62,5 mm.
- Option of concealed sash or horizontal pivot windows.
- Special profiles available for various entrance doors typologies.
- Various designs: flat, curved, classic.
- European groove or PVC groove hardware can be applied.
- Max glass thickness up to 59 mm and weight per sash up to 130 Kg.
- Sound proof up to 46 dB certified by the IFT Rosenheim institute.
- Certified by the IFT Rosenheim & AAMA institutes.

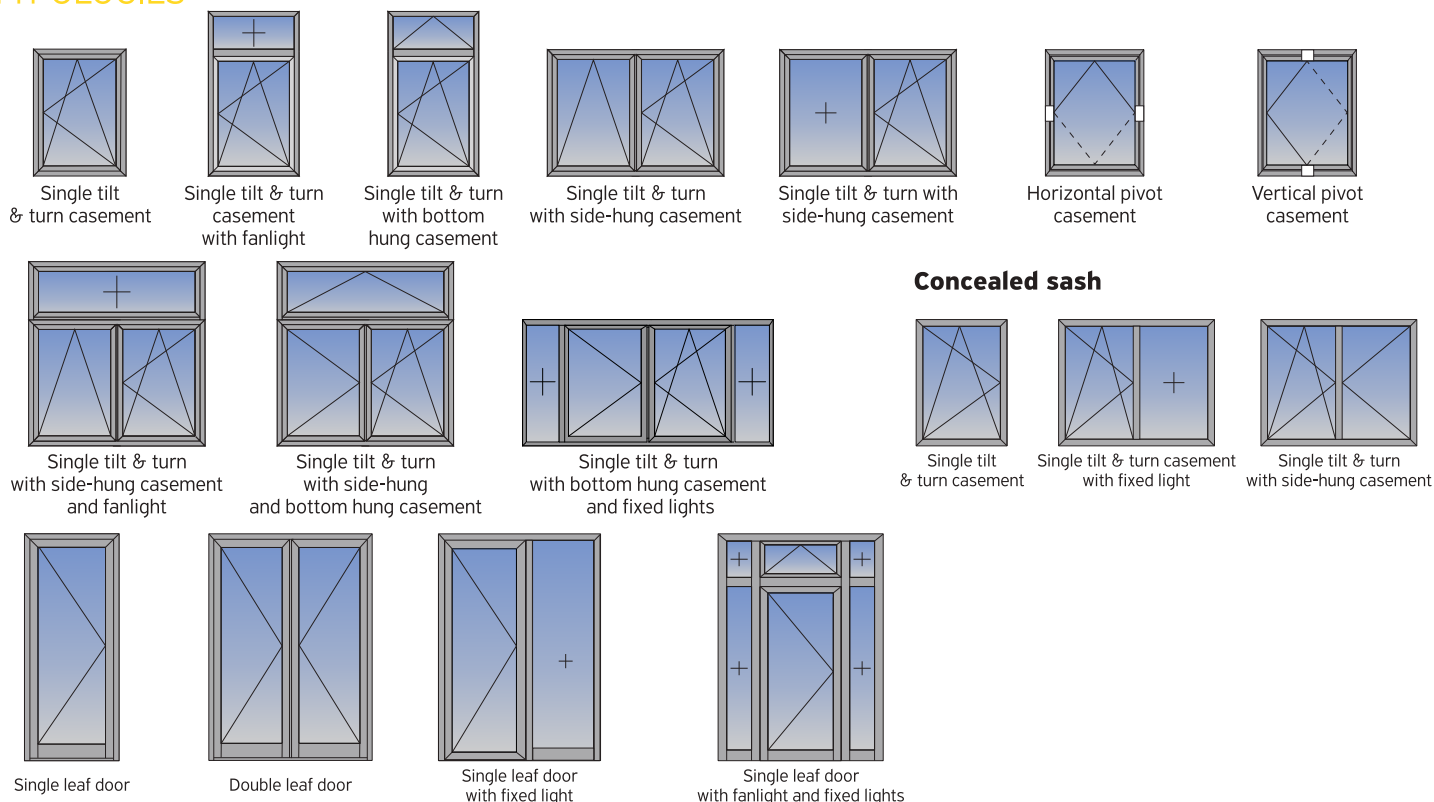




TECHNICAL CHARACTERISTICS

Minimum aluminium visible width	86 mm
Frame height	58 mm
Frame width	62,5 mm
Sash height	66 mm
Sash width	70 mm
Sash weight	150 Kg
Glazing	10 up to 54 mm
Insulation	Polyamides 20 - 24 mm width

TYOLOGIES



CERTIFICATES

	Air permeability EN 1026, EN12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS E750
	Resistance to wind load EN 12210, EN 12211	CLASS C5
	Sound reduction EN 20140-3	R _w (C;Ctr) = 46 (-1,-4) dB
	Thermal insulation EN 10077-2	U _f anó 2,1 - 2,9 W/m ² K

