

Alumil

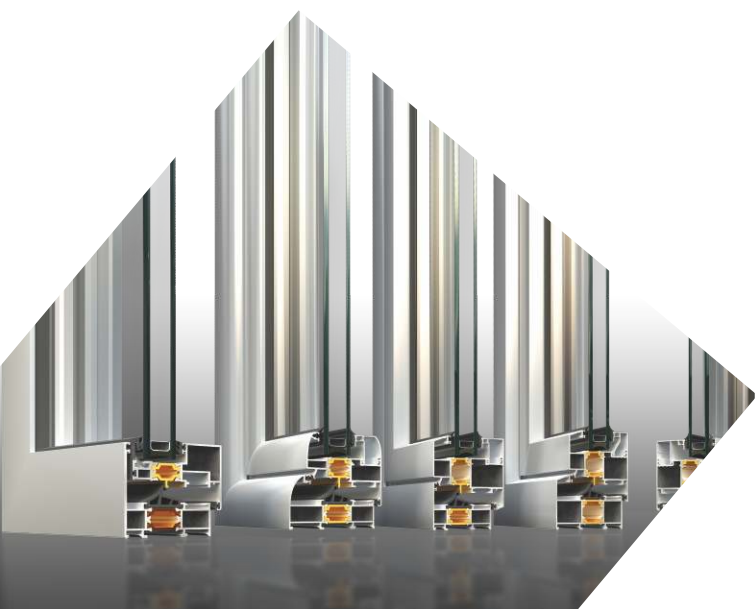
SMARTIA M1 1000



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.

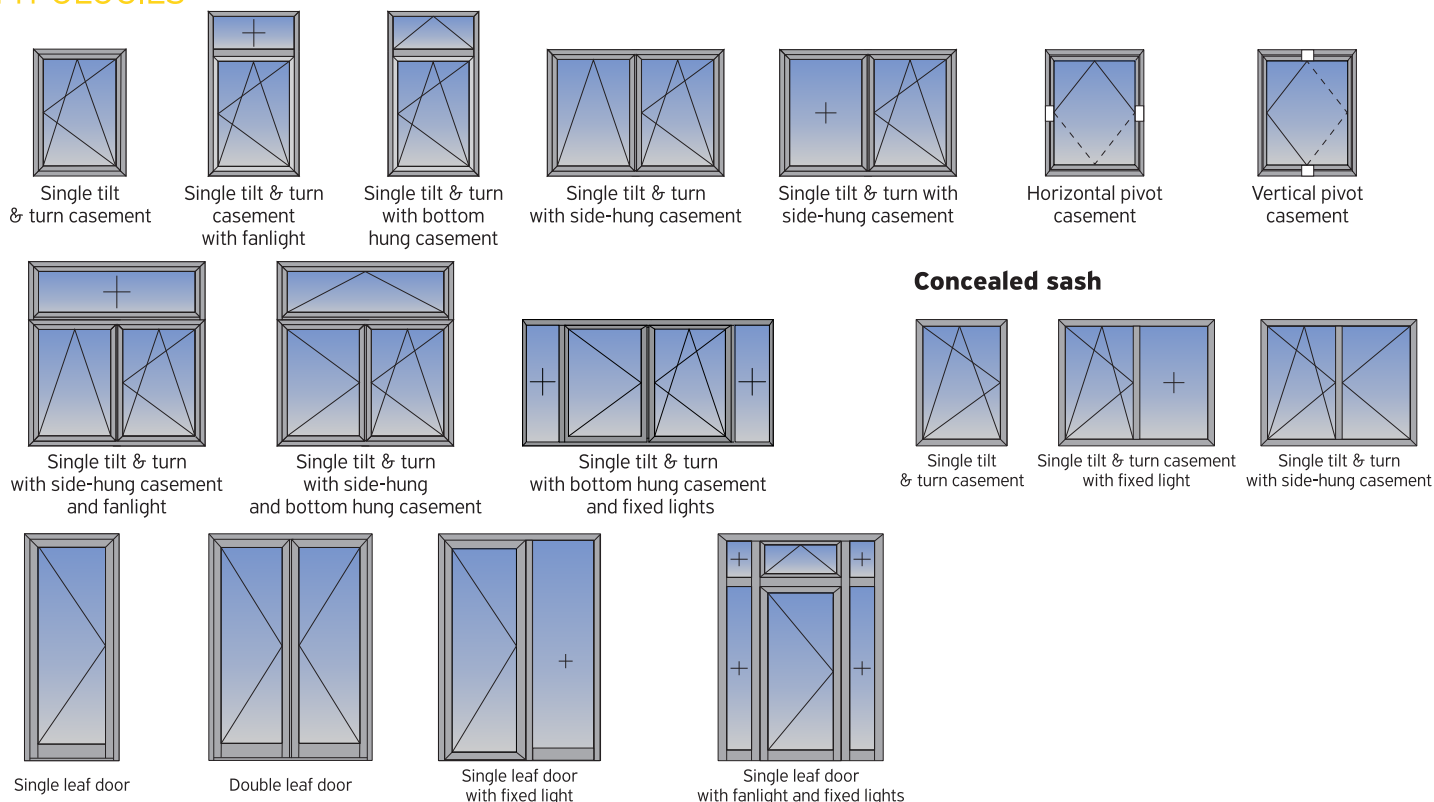




TECHNICAL CHARACTERISTICS

| | |
|---------------------------------|-----------------------------|
| 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, EN 12207 | 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 and 2,1 - 2,9 W/m ² K |

