

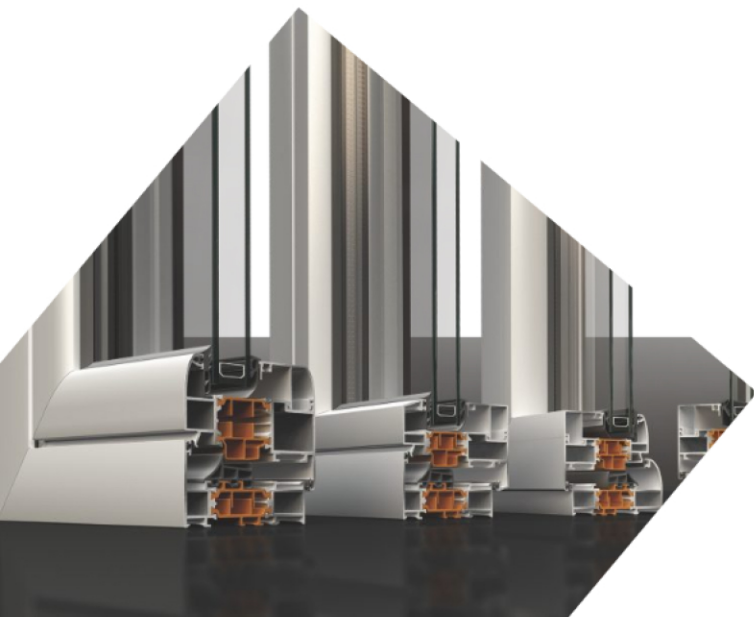
SMARTIA M1 1500

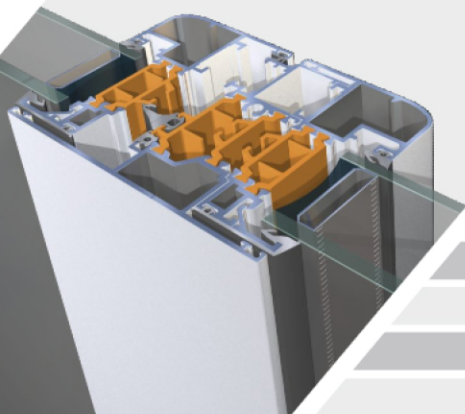


HINGED INSULATED SYSTEM

SMARTIA M1 1500 is a complete Tilt & Turn system for highly insulated doors and windows which can fit either a European Groove or a PVC Groove mechanism.

- Basic system depth 76,5 mm.
- Option of concealed sash and horizontal pivot windows.
- Special profiles for various entrance door typologies.
- Available in various designs: flat, curved, classic.
- Max. glass thickness up to 70 mm and weight per sash up to 130 Kg.
- Certified for WK3 anti-burglar protection.
- Sound proof up to 47dB.
- Certified by the IFT Rosenheim & AAMA institutes.

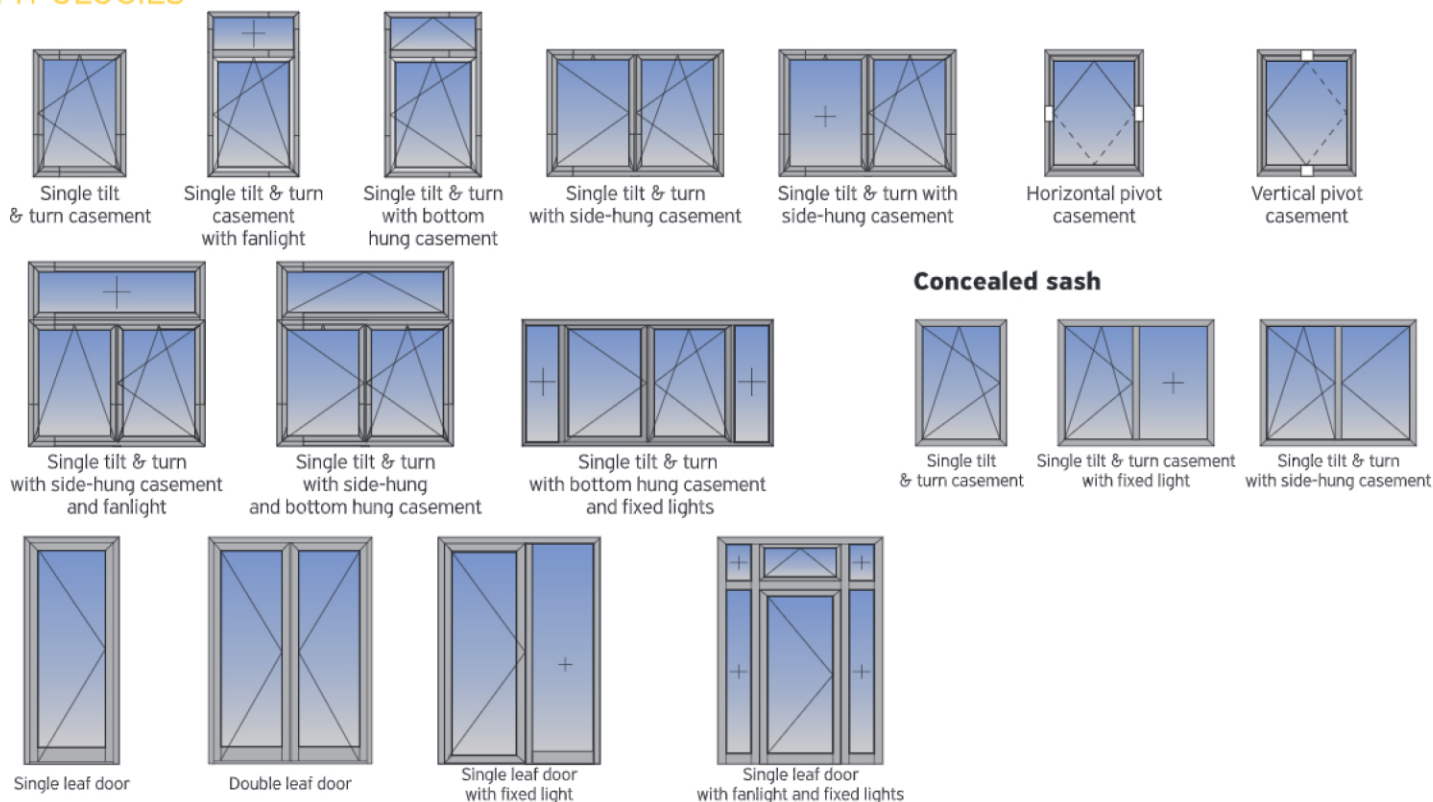




TECHNICAL CHARACTERISTICS

Minimum aluminium visible width	137 mm
Frame height	58 mm
Frame width	76,5 mm
Sash height	66 mm
Sash width	84 mm
Sash weight	130 Kg
Glazing	up to 70 mm
Insulation	Polyamides 34 & 38 mm width

TYOLOGIES



CERTIFICATES

	Air permeability EN 1026, EN12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS E900
	Resistance to wind load EN 12210, EN 12211	CLASS C5
	Sound reduction EN 20140-3	R _w (C;Ctr) = 47 (-1,-4) dB
	Thermal insulation EN 10077-2	U _f = 1,9 - 2,3 W/m ² K
	Burglar resistance EN 1627-1630	WK3