



SMARTIA M15000 is a Tilt & Turn system which can meet a multiple needs thanks to a wide range of profiles for windows and doors with the following characteristics:

- Basic system depth 50mm
- Glass thickness up to 47mm and sash weight up to 130 Kg
- Robust & flexible system that can support all potential typologies of hinged doors, windows & pivot windows
- Available special profiles for main entrances, smoke proof doors and panic doors
- The system also supports "block window" constructions (concealed sash)
- Various designs (e.g. flat, curved, classic)
- Either European groove or PVC groove hardware can be applied
- Certified performance by the IFT Rosenheim Institute



















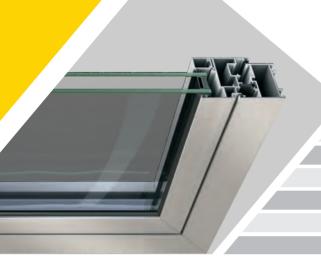












TECHNICAL CHARASTERISTICS

4	Visible aluminium face width	137 mm
	Frame height	48 mm
	Frame width	50 mm
	Sash height	66 mm
	Sash width	59 mm
	Max. sash weight	up to 130 Kg
	Glazing	up to 47 mm

TYPOLOGIES



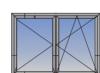
Single tilt & turn casement



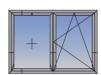
Single tilt & turn casement with fanlight



Single tilt & turn with bottom hung casement



Single tilt & turn with side-hung casement



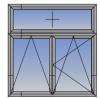
Single tilt & turn with side-hung casement



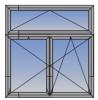
Horizontal pivot casement



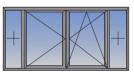
Vertical pivot



Single tilt & turn with side-hung casement and fanlight



Single tilt & turn with side-hung and bottom hung casement



Single tilt & turn with bottom hung casement and fixed lights

Concealed sash



Single tilt & turn casement



Single tilt & turn casement with fixed light



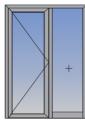
Single tilt & turn with side-hung casement



Single leaf door



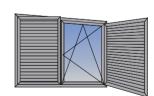
Double leaf door



Single leaf door with fixed light



Single leaf door with fanlight and fixed lights



Double side-hung casement, tilt and turn, with shutter

CERTIFICATES

	Air permeability EN 1026, EN12207	CLASS 4
	Watertightness EN 1027, EN 12208	E1050
90	Resistance to wind load EN 12210, EN 12211	CLASS C5
*	Burglar resistance EN 1627-1630	WK2



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