

HINGED INSULATED SYSTEM

SMARTIA M11000 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 sashup to 130 Kg.
- Sound proof up to 46 dB certified by the IFT Rosenheim institute.
- Certified by the IFT Rosenheim & AAMA institutes.







Alumil



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

TYPOLOGIES



& turn casement





Single tilt & turn Single tilt & turn casement with bottom with fanlight hung casement



Single tilt & turn with side-hung



Air permeability EN 1026, EN12207

Watertightness EN 1027, EN 12208

Sound reduction EN 20140-3

Thermal insulation EN 10077-2

Resistance to wind load EN 12210, EN 12211

Single leaf door

CERTIFICATES

with side-hung casement

and fanlight





Double leaf door



Single tilt & turn with side-hung casement



with bottom hung casement





Concealed sash

casement

Vertical pivot casement



Sinale tilt & turn with side-hung casement













Single leaf door with fanlight and fixed lights

& turn casement





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CLASS 4

CLASS E750

Rw (C;Ctr) = 46 (-1,-4) dB

U, από 2,1 - 2,9 W/m²K

CLASS C5

Single leaf door

with fixed light



