

Alumil

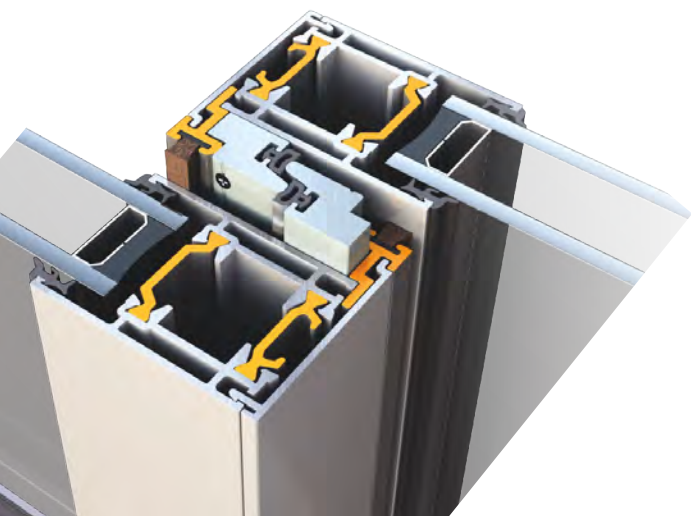
SMARTIA S350



SLIDING INSULATED SYSTEM

SMARTIA S350 is a modern & flexible insulated sliding system with a modern flat design. It is ideal for refurbishments or renovations thanks to its construction easiness.

- Basic system depth 35 mm.
- Minimum visible interlock width of 50 mm so as to maximize visibility and natural light.
- Smooth and easy gliding thanks to inox rails.
- Special sash with anti-distortion polyamides ideal for dark frames.
- Vast range of typologies compatible with various mechanisms.
- Max. glass thickness up to 24 mm and weight per sash up to 180 Kg.
- Certified system performance by the IFT Rosenheim institute.

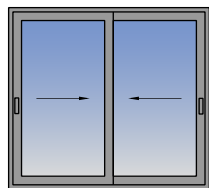




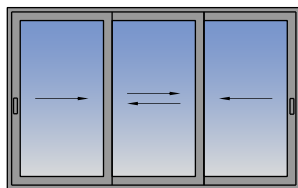
TECHNICAL CHARACTERISTICS

Visible aluminium face width	116 mm
Frame height	38 mm
Frame width	92 mm
Sash height	85 mm
Sash width	35 mm
Interlocking profile width	50 / 88,5 mm
Sash weight	up to 180 Kg
Glazing	up to 24 mm
Insulation	Polyamides 24 mm width

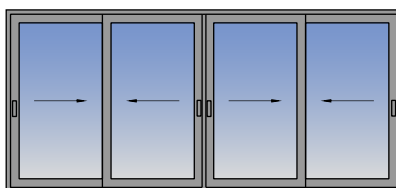
TYPOLOGIES



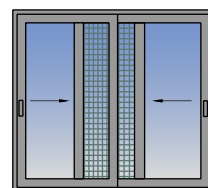
Double horizontal sliding sash



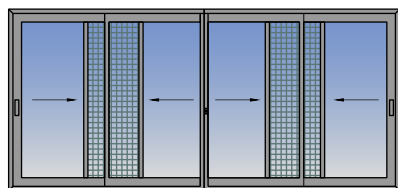
Triple horizontal sliding sash



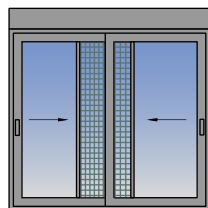
Four horizontal sliding sashes meeting stile



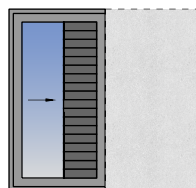
Double horizontal sliding sash with fly-screen



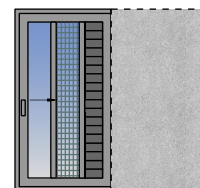
Four horizontal sliding sashes meeting stile with fly-screen



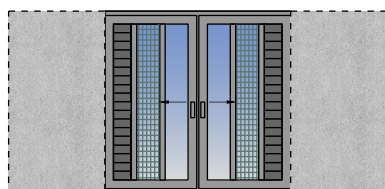
Double horizontal sliding sash with fly-screen & rolling shutter



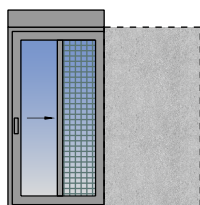
Single horizontal sliding pocket sash with shutter



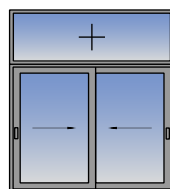
Single horizontal sliding pocket sash with fly-screen & shutter



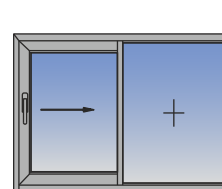
Double horizontal sliding pocket sash with fly-screen & shutter



Single horizontal sliding pocket sash with fly-screen & rolling shutter



Double horizontal sliding sash with fanlight



Single horizontal sliding sash with fixed light

CERTIFICATES



Air permeability EN 1026, EN 12207

CLASS 3



Watertightness EN 1027, EN 12208

CLASS 6A



Resistance to wind load EN 12210, EN 12211

CLASS C2/B3



Thermal Insulation EN 10077-2

U_f from 2,9 to 4,8 W/m²K



Sound reduction EN 14351, EN 717

R_w (C;Ctr) = 28 (-1;-1)dB



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