

# Alumil

## SMARTIA M450



### SLIDING AND LIFT & SLIDE INSULATED SYSTEM

SMARTIA M450 represents the next generation of advanced systems for minimal Lift & Slide and regular sliding doors. It meets the demanding requirements of contemporary residences for high thermal insulation and modern aesthetics.

- Basic system depth 45 mm.
- Minimal and innovative design with 25 mm of visible aluminium face width at the interlocking profile, both for Lift & Slide and sliding typologies.
- High thermal insulation with patented thermally efficient typologies.
- Easy to clean frame, with invisible water evacuation and less visible depth.
- It is ideal for new buildings and renovations, as it provides flexibility of construction and a wide variety of typologies.

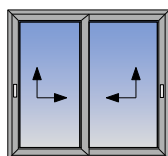




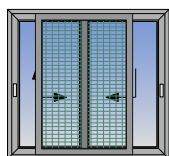
### TECHNICAL CHARACTERISTICS

Visible aluminium face width	124,5 mm Lift & Slide 114 mm Sliding
Frame height	45 mm
Frame width	113 mm
Sash height	88 mm Lift & Slide 77,5 mm Sliding
Sash width	45 mm
Interlocking profile width	25 / 91,5 mm Lift & Slide 25 / 81 mm Sliding
Sash weight	Up to 200 Kg Lift & Slide Up to 180 Kg Sliding
Glazing	27 up to 36 mm
Thermal insulation	Polyamides 40 & 24 mm, PVC

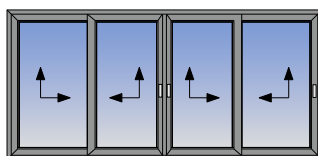
### TYOLOGIES



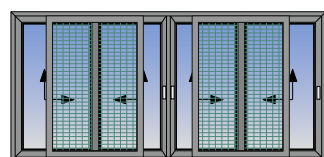
Double sash



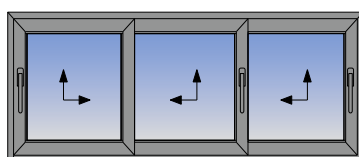
Double sash  
with flyscreen



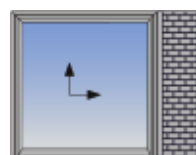
Four sashes meeting stile



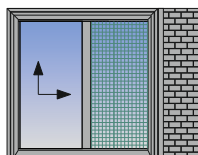
Four sashes meeting stile  
with flyscreen



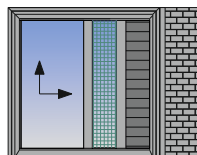
Triple sash



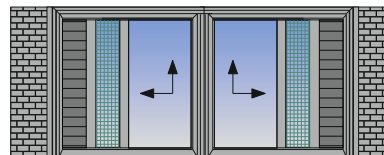
Single pocket sash



Single pocket sash  
with flyscreen



Single pocket sash  
with flyscreen & shutter



Double pocket sash meeting stile  
with flyscreen & shutter

### CERTIFICATES

	Air permeability EN 1026, EN 12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS 9A
	Resistance to wind load EN 12210, EN 12211	CLASS C3
	Thermal Insulation EN 10077-2	U <sub>f</sub> from 1,3 W/m <sup>2</sup> K