

Alumil

SMARTIA M450

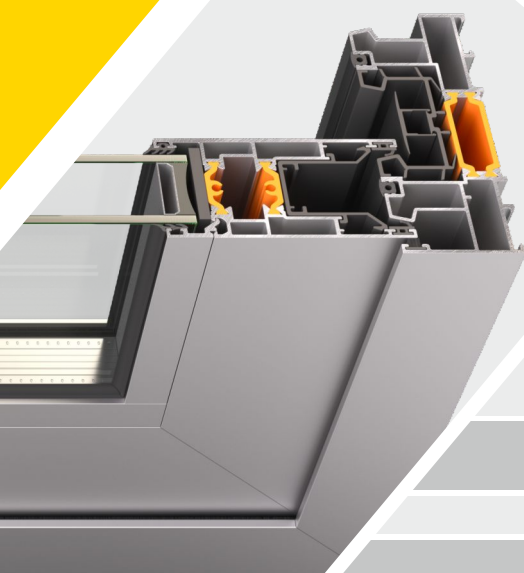


SLIDING & LIFTING-SLIDING INSULATED SYSTEM



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's 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.

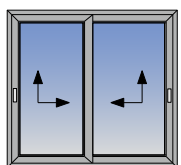


TECHNICAL CHARACTERISTICS

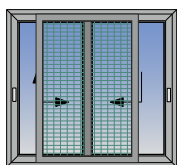
Visible aluminium face width	124,5 mm lift & slide 114 mm sliding
Frame height	45 mm
Frame width	113 mm
Sash height	88 mm lift & slide 77,5 mm sliding
Sash width	45 mm
Interlocking profile width	25 / 91,5 mm lift & slide 25 / 81 mm sliding
Sash weight	Up to 200 Kg lift & slide Up to 180 Kg sliding
Glazing	27 up to 36 mm
Insulation	Polyamides 40 & 24 mm

TYOLOGIES

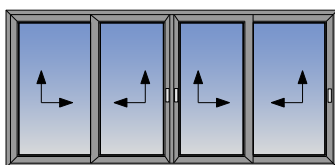
Horizontal lifting sliding



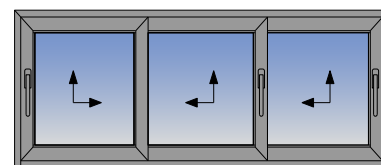
Double lifting sliding sash



Double lifting sliding sash with flyscreen

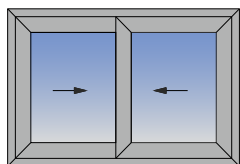


Four lifting sliding sashes meeting stile

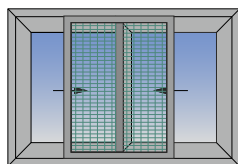


Triple lifting sliding sash

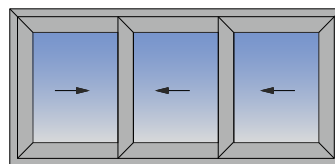
Horizontal sliding



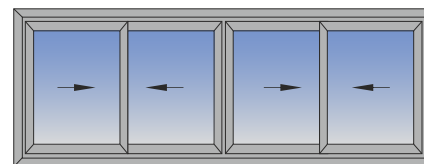
Double horizontal sliding sash



Double horizontal sliding sash with flyscreen



Triple horizontal sliding sash



Four horizontal sliding sashes meeting stile

CERTIFICATES



Air permeability EN 1026, EN 12207

CLASS 4



Watertightness EN 1027, EN 12208

CLASS 8A



Resistance to wind load EN 12210, EN 12211

CLASS C3



Thermal Insulation EN 10077-2

U_f from 2,6 W/m²K

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