

Alumil

SMARTIA S440



SLIDING INSULATED SYSTEM

SMARTIA S440 is an innovative insulated sliding system which incorporates all the modern architectural trends and the requirements for high energy-efficiency. It is an ideal option for the very demanding European market.

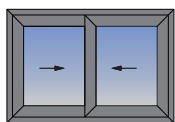
- Basic sash depth of system 44 mm.
- Minimum visible interlock width of only 39 mm so as to maximize visibility and natural lighting.
- Safety and increased burglar resistance thanks to the concealed locking points.
- Optional mounting profile available (especially designed for the French market).
- Smooth and easy sliding thanks to anodized rails.
- Two sash profiles available for 45° and 90° assembling.
- Max Glass thickness up to 32 mm and weight per sash up to 150 Kg.
- Certified system performance by IFT Rosenheim.



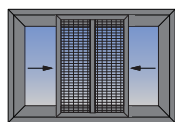
TECHNICAL CHARACTERISTICS

| | |
|------------------------------|--|
| Visible aluminium face width | 111,5 mm |
| Frame height | 45 mm |
| Frame width | 103 mm |
| Sash height | 75 mm |
| Sash width | 44 mm |
| Interlocking profile width | 39 / 78,5 mm |
| Sash weight | up to 150 Kg |
| Glazing | 32 mm |
| Insulation | Polyamides 40 mm & 32 mm width, PVC |

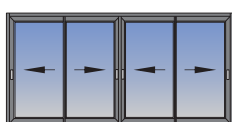
TYOLOGIES



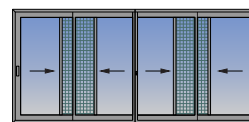
Two sash sliding window*



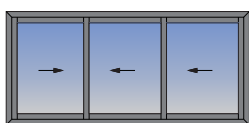
Two sash sliding window with fly screen*



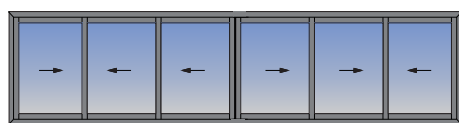
Four sash meeting stile window*



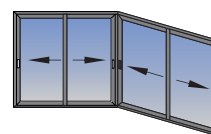
Four sash meeting stile window with fly screen*



Three sash sliding window*

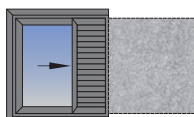


Six sash meeting stile window*

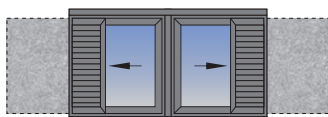


Four sash sliding window
90° & 270° corner typology*

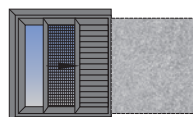
Sliding into wall cavity



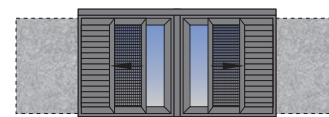
Single sash sliding window with shutter*



Two sash sliding window with shutter*



Single sash sliding window, with fly screen & shutter*



Two sash sliding window, with fly screen & shutter*

*All typologies can be mounted in both 45° and 90°

CERTIFICATES

| | | |
|--|--|---|
| | Air permeability EN 1026, EN 12207 | CLASS 3 |
| | Watertightness EN 1027, EN 12208 | CLASS 750 |
| | Resistance to wind load EN 12210, EN 12211 | CLASS C3/B3 |
| | Thermal Insulation EN 10077-2 | U _f from 2,6 to 3,1 W/m ² K |

