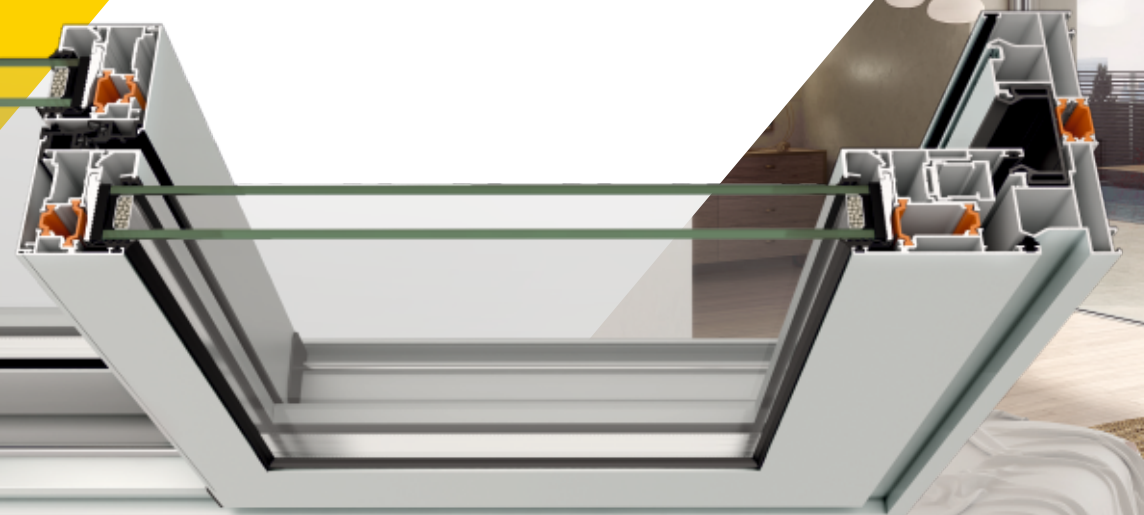


# ALUMIL

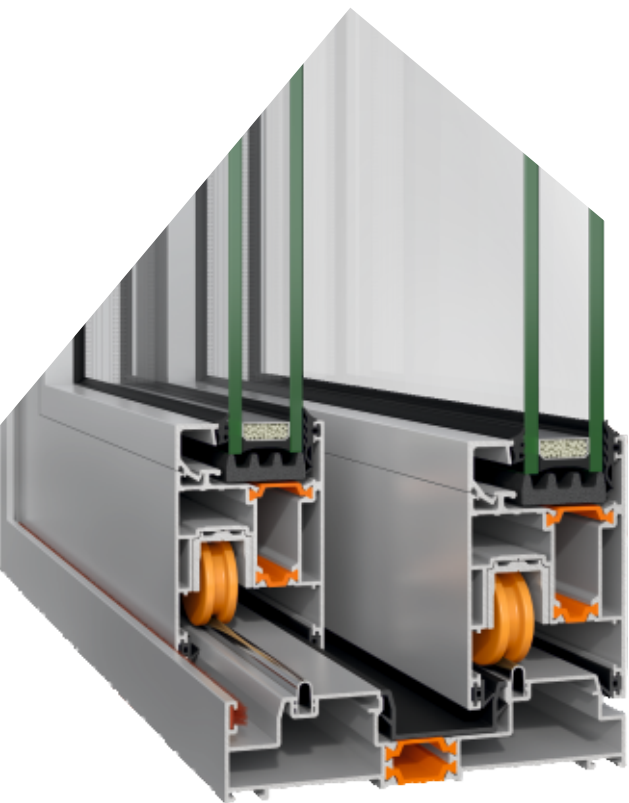
## SMARTIA S560



### LIFT & SLIDE INSULATED SYSTEM

SMARTIA S560 is a remarkably flexible and robust thermally insulated system for Lift & Slide and regular sliding doors. At the same time, it is distinguished by its modern design, thanks to the slim interlocking profile and the low threshold. It provides high thermal insulation performance, robust constructions and is ideal for large spans.

- Basic system depth 56 mm.
- Maximum natural light with only 49 mm of visible aluminium face width at the interlocking profile.
- Easy access thanks to the low threshold, ideal for renovations (version SMARTIA S560 LT).
- Flexible constructions of Lift & Slide and regular sliding doors with the same design.
- Extra concealed profiles available for water drainage.
- Ideal for renovations and hotel solutions, thanks to the wide variety of typologies.



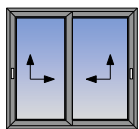


### TECHNICAL CHARACTERISTICS

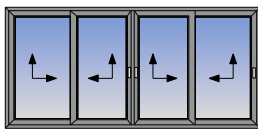
Visible aluminium face width	108,5 / 122,5 mm
Frame height	31 / 45 mm
Frame width	136 mm
Sash height	86 / 96,5 mm
Sash width	56 mm
Interlocking profile width	49 / 96 / 106,5 mm
Sash weight	Up to 300 Kg Lift & Slide Up to 180 Kg sliding
Glazing	22 up to 45 mm
Thermal insulation	Polyamides of 24 & 16 mm, PVC, insulation foam

### TYOLOGIES

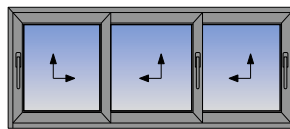
#### Horizontal typologies



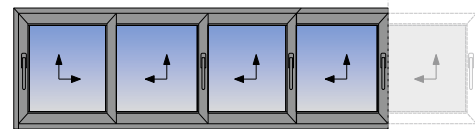
Double sash



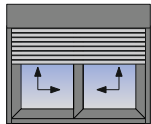
Four sashes meeting stile



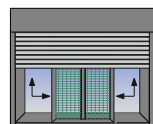
Triple sash



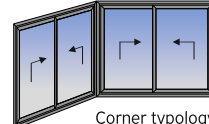
Multiple horizontal sliding sashes



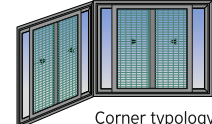
Double sash  
with rolling shutter



Double sash  
with rolling shutter  
& flyscreen

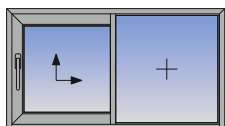


Corner typology

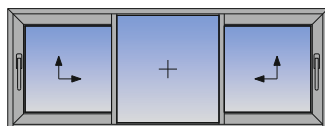


Corner typology  
with flyscreen

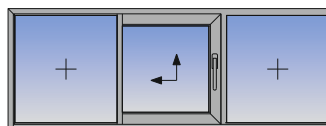
#### Combinations with fixed lights



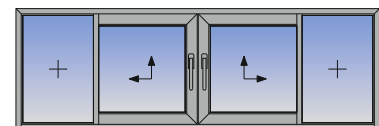
Single sash with fixed light



Two sashes with fixed light

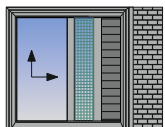


Single sash with two fixed lights

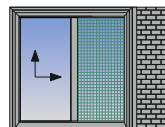


Double sash meeting stile with two fixed lights

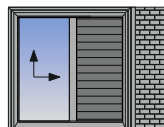
#### Pocket typologies



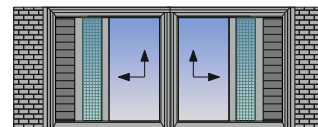
Single pocket sash  
with flyscreen & shutter



Single sash with flyscreen



Single sash with shutter



Double pocket sash meeting stile,  
with flyscreen & shutter

### CERTIFICATES

	Air permeability EN 1026, EN 12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS E1 200
	Resistance to wind load EN 12210, EN 12211	CLASS C5/B5
	Burglar resistance EN 1627-1630	RC2
	Sound reduction EN 14351, EN 717	R <sub>w</sub> (C;Ctr) = 38 (-1;-3) dB
	Thermal Insulation EN 10077-2	U <sub>f</sub> from 2,3 - 6,8 W/m <sup>2</sup> K