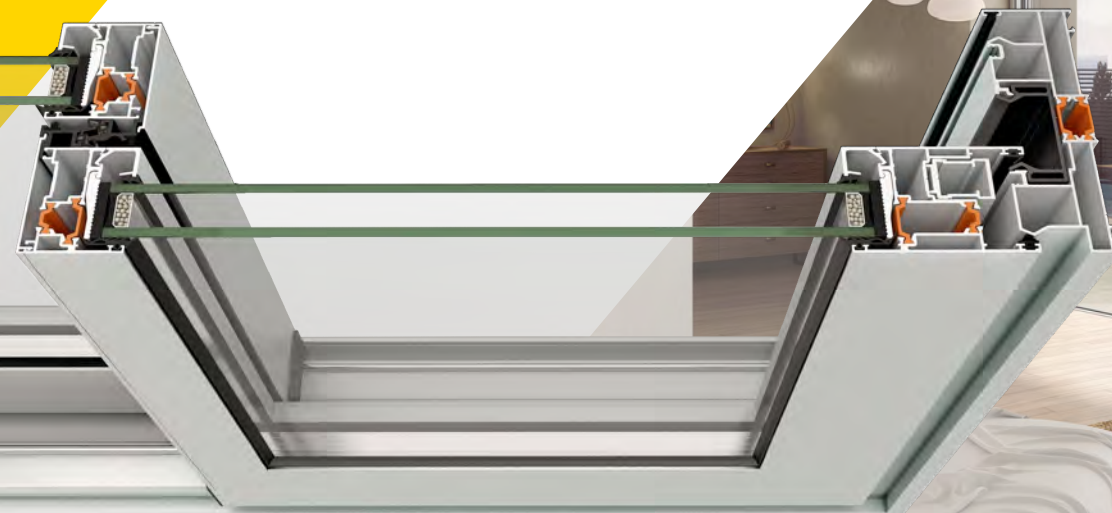


# Alumil

## SMARTIA S560

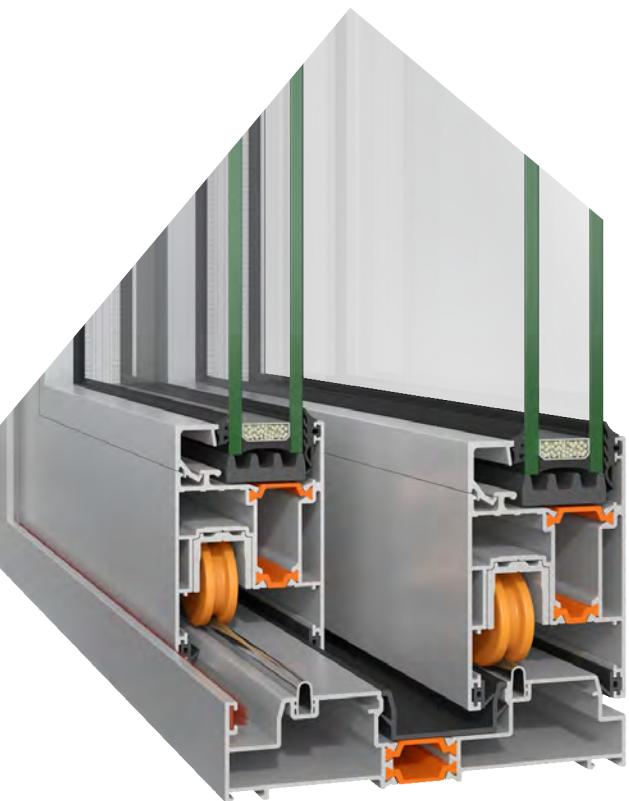


### LIFT & SLIDING INSULATED SYSTEM

SMARTIA S560 is a remarkably flexible and robust thermally insulated system for lift & slide and regular sliding doors, that uses the same profiles for both solutions. It provides high thermal performance, robust constructions and is ideal for large openings.

At the same time, it is distinguished by its delicate and modern design, notably thanks to the slim interlocking profile and the low threshold for lift & slide and sliding doors.

- Basic system depth 56 mm.
- Minimum visible interlock width of only 49 mm so as to maximize natural light.
- New low threshold for lift & slide and sliding doors.
- Max glass thickness up to 43 mm and weight per sash up to 300 Kg for lift & slide and 180 Kg for sliding doors.
- Vast range of typologies available.
- Two sash profiles available for 45° assembling.
- Certified performance by the IFT Rosenheim institute.



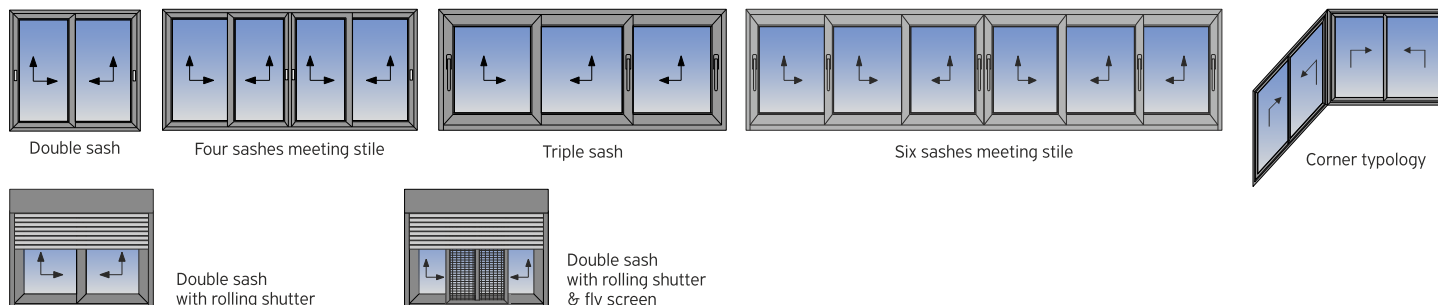


### TECHNICAL CHARACTERISTICS

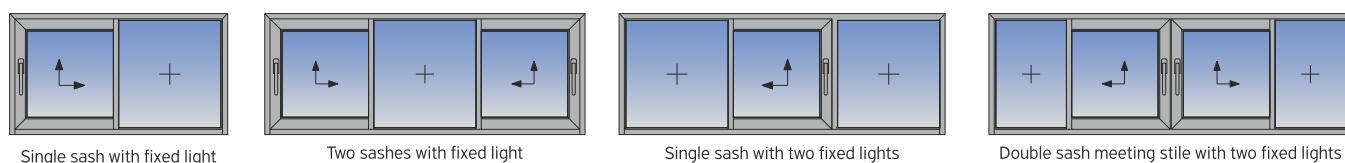
|                              |   |
|------------------------------|---|
| Visible aluminium face width | 108,5 / 122,5 mm  |
| Frame height                 | 31 / 45 mm  |
| Frame width                  | 136 mm  |
| Sash height                  | 86 / 96,5 mm  |
| Sash width                   | 56 mm   |
| Interlocking profile width   | 49 / 96 / 106,5 mm  |
| Sash weight                  | 90, 200 & 300 Kg for lift & slide doors<br>180 Kg for sliding doors |
| Glazing                      | 22 to 43 mm   |
| Insulation                   | Polyamides 24 & 16 mm,<br>Insulation foam                           |

### TYOLOGIES

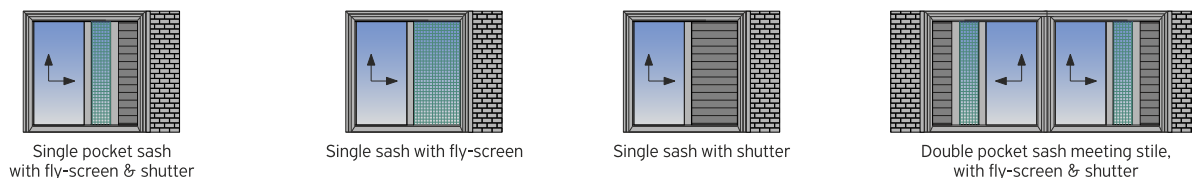
#### Horizontal typologies



#### Combinations with fixed lights



#### Pocket typologies



### CERTIFICATES

|  |  |   |
|--|--|---|
|  | Air permeability EN 1026, EN12207          | CLASS 4   |
|  | Watertightness EN 1027, EN 12208           | CLASS E1200                                       |
|  | Resistance to wind load EN 12210, EN 12211 | CLASS C4/B4                                       |
|  | 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 2,2 to 5,9 W/m <sup>2</sup> K |

