

Alumil

SMARTIA S560



LIFT & SLIDING INSULATED SYSTEM

S560 is a robust lift & sliding system that provides high level of thermal insulation, flexibility in construction and is ideal for large openings.

S560 offers flexibility given that it helps building windows & doors for small or very large spans. It offers quality constructions because of the profiles' stiffness and enables both internal and external "framing" for a stronger connection of the profiles, giving simultaneously economic construction, in matters value for price.

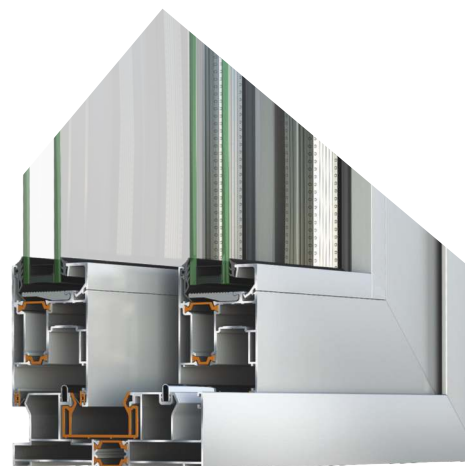
Furthermore, the series has evolved for hotel construction needs, with emphasis on typology sliding with constant leaf, which is supported at version two leaf meeting point, or fixed in the middle and left right uplifted leaf. Due to the diversity and variety of the system profiles, all possible typologies (15) supported for uplifting sliding for 90, 200, 300 Kg with exceptional robust angular typology available.

In addition to all, it offers the possibility of placing anti insect mosquito net, built-in driver or without, with the possibility to hang it, from the top, to an already existing driver, for more freedom of movement.

In order to follow up the given abilities of this system we do have the following basic characteristics:

- Sash depth: 56 mm
- Smooth and easy sliding thanks to inox rails

- Lift & sliding mechanism for sashes from 90, 200 & 300 Kg
- Optional multi-locking mechanism can be installed
- Optional and minimal interlocking point in three versions: 49, 96 & 106.5 mm
- High level of thermal insulation: U_f from 2,2 to 5,9 W/m²K
- Covers all typologies of sliding systems



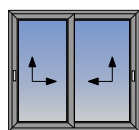


TECHNICAL CHARACTERISTICS

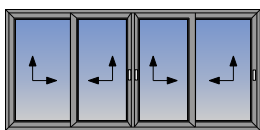
Visible aluminium face width	122,5 mm
Frame height	45 mm
Frame width	128 mm
Sash height	86 mm
Sash width	56 mm
Sash weight	from 90, 200, 300 Kg
Glazing	from 22 to 44 mm
Insulation	24 mm polyamide into the frame & 16-24 mm into the sash

TYOLOGIES

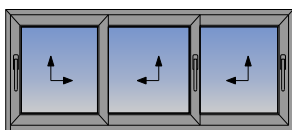
Horizontal lifting sliding



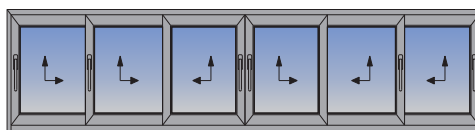
Double lifting sliding sash



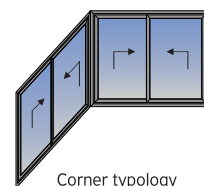
Four lifting sliding sashes meeting stile



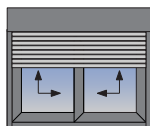
Triple lifting sliding sash



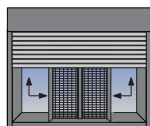
Six lifting sliding sashes with meeting stile



Corner typology

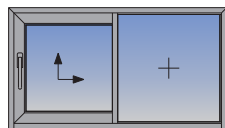


Double lifting sliding sash with rolling shutter

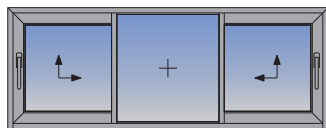


Double lifting sliding sash with rolling shutter & fly screen

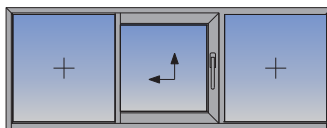
Lifting sliding with fixed lights



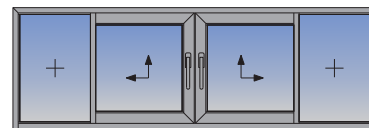
Single lifting sliding sash with fixed light



Two lifting sliding sashes with fixed light

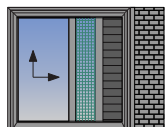


Single lifting sliding sash with two fixed lights

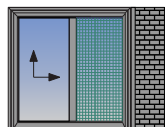


Double lifting sliding sash with meeting stile & with two fixed lights

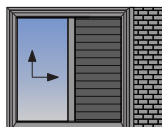
Lifting sliding into wall cavity



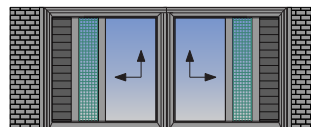
Single lifting sliding pocket sash with fly-screen & shutter



Single sash sliding window with fly-screen



Single sash sliding window with shutter



Double lifting sliding pocket sash with meeting stile, with fly-screen & shutter

CERTIFICATES



Air permeability EN 1026, EN 12207

CLASS 3



Watertightness EN 1027, EN 12208

CLASS E750



Resistance to wind load EN 12210, EN 12211

CLASS C4/B4



Sound reduction EN 14351, EN 717

R_w (C;Ctr) = 38 (-1;-3) dB



Thermal Insulation EN 10077-2

U_f from 2,2 to 5,9 W/m²K

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