

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 180 Kg for sliding doors
Glazing	22 to 43 mm
Insulation	Polyamides 24 & 16 mm, Insulation foam

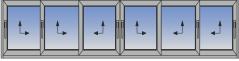
TYPOLOGIES

Horizontal typologies

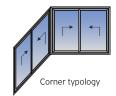








Six sashes meeting stile





Four sashes meeting stile

Triple sash



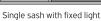
Double sash with rolling shutter & fly screen

Combinations with fixed lights

Double sash

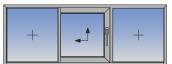
with rolling shutter



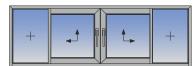




Two sashes with fixed light



Single sash with two fixed lights



Double sash meeting stile with two fixed lights

Pocket typologies



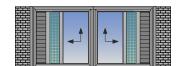
Single pocket sash



Single sash with fly-screen



Single sash with shutter



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

CERTIFICATES

1	Air permeability EN 1026, EN12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS E1200
P	Resistance to wind load EN 12210, EN 12211	CLASS C4/B4
#D	Burglar resistance EN 1627-1630	RC2
	Sound reduction EN 14351, EN 717	Rw (C;Ctr) = 38 (-1;-3) dB
th	Thermal Insulation EN 10077-2	U _f from 2,2 to 5,9 W/m ² K



ALUMIL SA

KILKIS INDUSTRIAL AREA GR 61 100, KILKIS TEL: +30 23410 79300 FAX: +30 23410 71988

www.alumil.com