

# ALUMIL

## SUPREME S650 PHOS



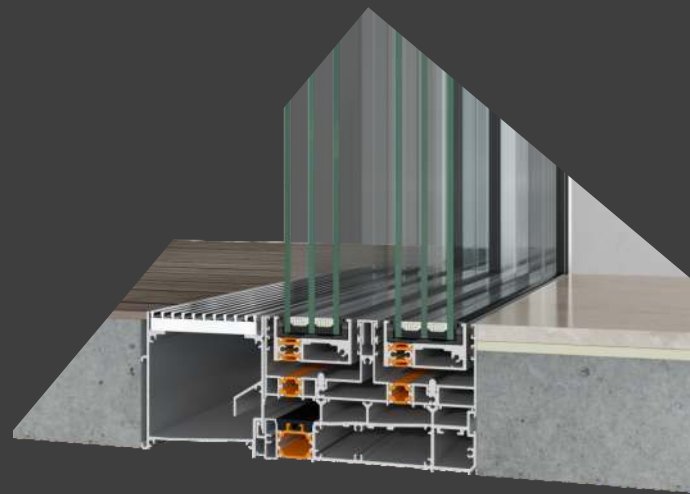
### SLIDING INSULATED SYSTEM

ALUMIL's sliding thermal insulating system SUPREME S650 is the ideal solution for projects requiring wide spans with minimal aluminium site lines. Massive yet elegant glazing surfaces are achieved while maintaining high functionality, performances and minimal architectural design.

The system's main advantage is the improvement of living conditions by maximizing the natural lighting and minimizing the visible aluminium face width, which makes the residents feel closer to the external environment and increases their sense of freedom.

- All the aluminum profiles are totally concealed in wall maximizing natural lighting in the buildings.
- Only 25 mm visible aluminium face width at the interlocking profile.
- Extra concealed profiles available for water drainage.
- Stainless steel rollers for smooth sliding & maximum functionality with high resistance to corrosion.

- For all parallel sliding typologies including the corner constructions.
- Special profiles for the implementation of multi-sash typologies.
- Alternative version for top-mounted installation.

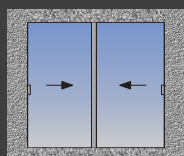




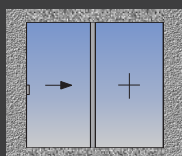
### TECHNICAL CHARACTERISTICS

Visible aluminium face width	Concealed profiles
Frame height	59 mm
Frame width	164 mm
Sash height	22 / 32 mm
Sash width	62 mm
Interlocking profile width	25 mm
Sash weight	Up to 600 kg
Glazing	45 mm
Insulation	Polyamides, PVC

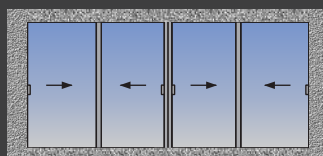
### TYOLOGIES



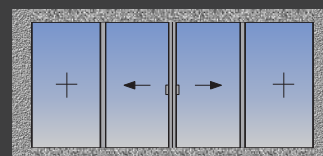
Double horizontal sliding sash



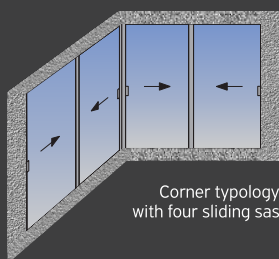
Single sliding sash with fixed light



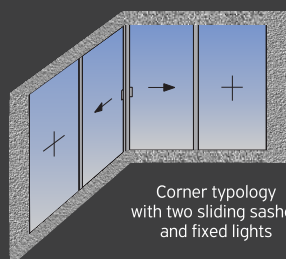
Four horizontal sliding sashes with meeting stile



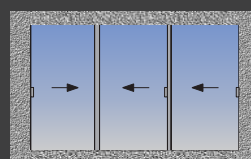
Double horizontal sliding sash meeting stile with fixed lights



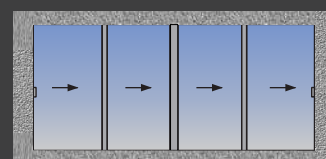
Corner typology with four sliding sashes



Corner typology with two sliding sashes and fixed lights



Triple horizontal sliding sash



Four horizontal sliding sashes

### CERTIFICATES

	Air permeability EN 1026, EN 12207	CLASS 4
	Watertightness EN 1027, EN 12208	CLASS 9A
	Resistance to wind load EN 12210, EN 12211	CLASS C2
	Burglar resistance EN 1627-1630	RC2
	Sound reduction EN 14351, EN 717	R <sub>w</sub> (C;Ctr) = 41 (-2;-3) dB
	Thermal Insulation EN 10077-2	U <sub>w</sub> = 1,1 W/m <sup>2</sup> K *

\* For window dimensions 5,00 x 2,50 m and U<sub>g</sub> = 0,7 W/m<sup>2</sup>K