# TOTAL
FACADE SOLUTIONS

> 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 aluminium 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.

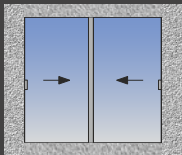- Alternative version for top-mounted installation.

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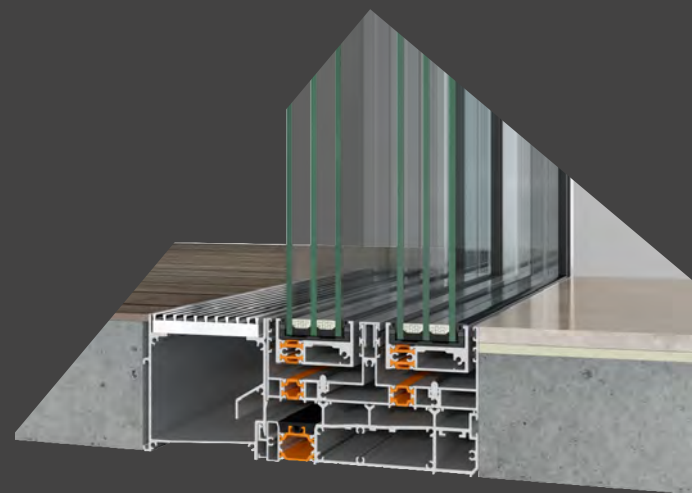
TECHNICAL CHARACTERISTICS

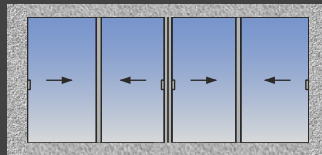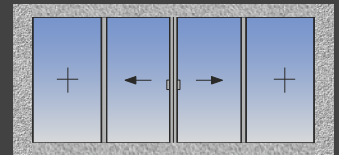|	
Visible aluminium face width	Concealed profiles
Frame height	59 mm
Frame width	164 mm
Sash height	22 / 32 mm
Sash width	62 mm
Interlocking profile width	25 mm
Sash weight	Up to 600 kg
Glazing	45 mm
Insulation	Polyamides, PVC

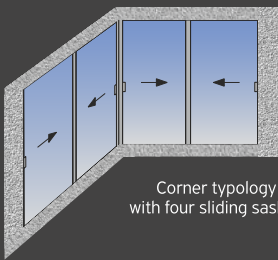## TYPOLOGIES

Double horizontal
sliding sash
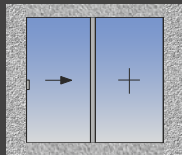
Single sliding sash
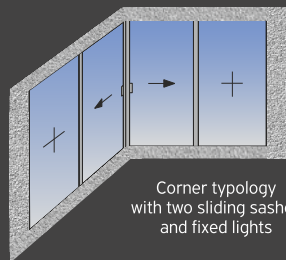with fixed light

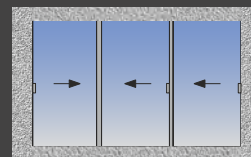Four horizontal sliding sashes
with meeting stile

Double horizontal sliding sash
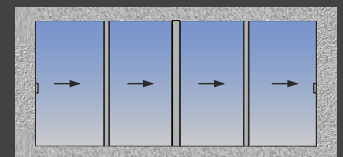meeting stile with fixed lights

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, EN12207	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	Rw (C;Ctr) = 46 dB
	Thermal Insulation EN 10077-2	$U_w = 1,1$ W/m^{2}K *

* For window dimensions 5,00 x 2,50 m and $U_g = 0,7$ W/m^{2}K

www.totalfacadesolutions.com