Alumil SUPREME SF85

INSULATED BI-FOLDING SYSTEM

SUPREME SF85 is an exceptional folding door system, providing minimal aesthetics, outstanding thermal insulation and the ability to create constructions with very large dimensions and extraordinary low sightlines. Its state-of-the-art fittings have been specially designed to achieve unparalleled performance and a smooth, bottom-slide, operation.

The system is ideal for flawless residential use, as well as for heavy-duty constructions and high-end applications. Its construction flexibility (i.e. odd and even number of vents, corner typologies and semi-structural versions), provides numerous solutions, meeting every need in a very effective and elegant way.

- Extremely reduced sight lines offering an excellent minimal design (105 mm sash to sash).
- Very large dimensions are possible in terms of maximum height (up to 4,0 m), sash width (up to 1,5 m per sash) and total construction length (infinite).
- Outstanding thermal insulation for maximum energy savings.
- Extreme performance in terms of water tightness, air permeability and wind load resistance.
- Enhanced safety and burglary protection, with quadruple locking latches and anti-lift roller hinges (RC2 certified).
- Ultra-smooth and long-lasting operation.

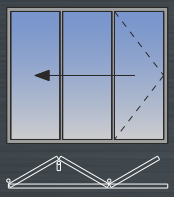
Alumil

SUPREME SF85

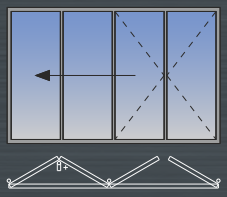
TECHNICAL CHARACTERISTICS

Visible aluminium face width	105 mm
Sash width	85 mm
Sash weight	Up to 200 Kg
Glazing	21 to 58 mm
Operation	Bottom slide
Thermal insulation	Polyamides 40 mm width, ALUMIL Energy Bar, Insulation foam

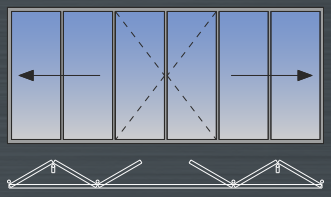
TYPOLOGIES



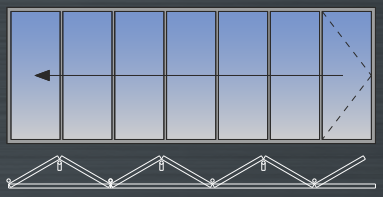
Odd number of vents on one side



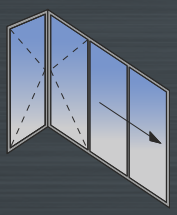
Odd number of vents plus door



Odd number of vents on both sides (meeting stile)

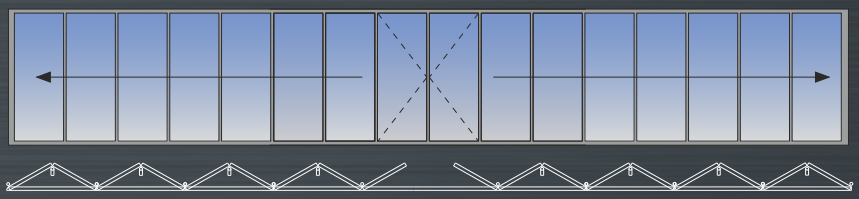


Odd number of vents on one side



Corner construction with single door

Corner construction with odd number of vents on both sides



Odd number of vents on both sides (meeting stile)

CERTIFICATES

Air permeability EN 1026, EN12207	CLASS 4
Watertightness EN 1027, EN 12208	7A/9A (with subsill)
Resistance to wind load EN 12210, EN 12211	CLASS C3/B3
Burglar resistance EN 1627-1630	RC2
Burglar resistance	PAS24
Thermal Insulation EN 10077-2	U_f = 1,7 W/m^{2}K

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