

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 very low sightline. 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).
- Oversized dimensions are possible in terms of maximum height (up to 4.0 m), sash width (up to 1.5 m) and total construction length (infinite).
- Outstanding thermal insulation for maximum energy savings ($1.0\text{ W/m}^2\text{K}$).
- 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.

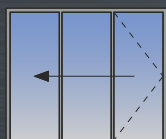




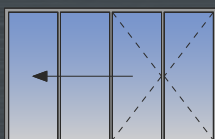
TECHNICAL CHARACTERISTICS

Visible aluminium face width	105 mm
Sash width	85 mm
Sash weight	Up to 200 Kg
Glazing	20-53 mm, 34-75 mm (semi-structural)
Operation	Bottom slide
Thermal insulation	Polyamides 40 mm width, ALUMIL Energy Bar, Insulation foam

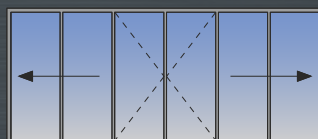
TYOLOGIES



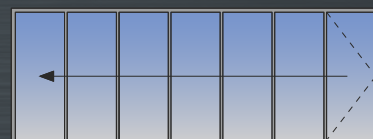
Odd number of vents
on one side



Odd number
of vents plus door



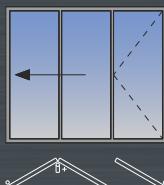
Odd number of vents
on both sides (meeting stile)



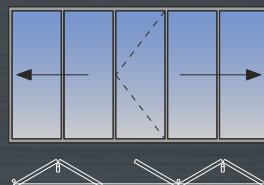
Odd number of vents on one side



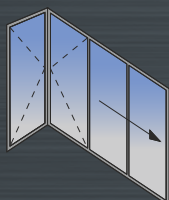
Even number of vents
on one side



Even number
of vents plus door



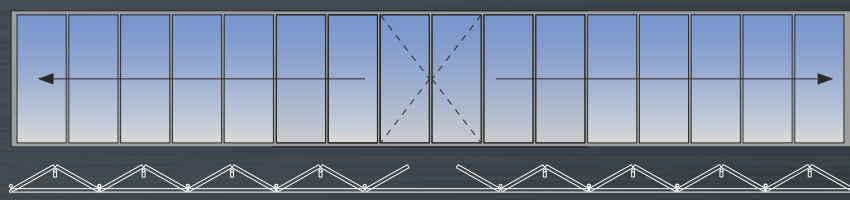
Even & odd number of vents
on both sides (meeting stile)



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	$U_f = 1,5 \text{ W/m}^2\text{K}$



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