



Alumil



Performance	Certification - Classification								
Water tightness EN 12208	1A (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)
Air permeability EN 12207	1		2		3			4	
Wind load resistance, max. test pressure EN 12210	1 (400 Pa)		2 (800 Pa)		3 (1200 Pa)		4 (1600 Pa)		5 (2000 Pa)
Wind load resistance to frontal deflection EN 12210	A (≤ 1/150)			B (≤ 1/200)			C (≤ 1/300)		
Thermal insulation EN 10077-2	$U_g = 1,43 \text{ W/m}^2\text{K}$ (For dimensions 3,00 x 2,20 m and $U_g = 1,0 \text{ W/m}^2\text{K}$)								
Sound reduction EN ISO 140-3	Rw (C;Ctr) = 42 dB depending from the glazing type								

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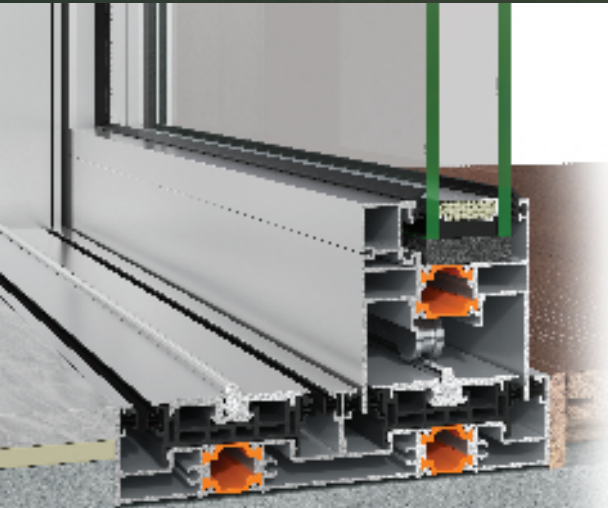


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www.alumil.com

Alumil SMARTIA
M630 PHOS

The sliding system SMARTIA M630 PHOS offers a minimal touch in contemporary residences combining minimal design with high thermal performance. Following the “less is more” philosophy, all aluminium profiles can be hidden into the wall providing a total sense of comfort with top functionality and enhanced safety.



Minimal design

Elegant coziness full of natural light thanks to the system's minimal design and the wide glazing surfaces that can be integrated. The enhanced visibility due to the concealed profiles along with visible aluminium face width of only 44 mm at the interlocking profile, make the residents feel like living outdoors thanks to the slim sightlines.

Energy saving

Design which is ideal for “green” buildings, emphasizing on energy & money savings through thermally efficient solutions. Its performance level regarding thermal insulation covers a wide range of climatic zones with U_w values that can reach 1,2 W/m²K, depending on the typology, the glazing and the dimensions.

Total comfort

Improvement of living conditions and the overall quality of life thanks to the high sound reduction providing a barrier shield against external noise. Flawless operation with smart locking mechanism (international patent) and easy gliding increase comfort even further.

Easy access

Flat threshold with a height of only 32mm, which was specially designed for easy and safe access to children, the elderly and people with special needs. Installed either flush to floor or on the floor, the system fulfills every need and construction requirement.



Technical characteristics

Visible aluminium face width	Concealed profiles
Frame height	32 mm
Frame width	155 mm
Sash width	63 mm
Interlocking profile width	44 mm
Sash weight	up to 250 Kg
Glazing	32 mm
Thermal insulation	Polyamides, PVC