

Alumil

SMARTIA M35

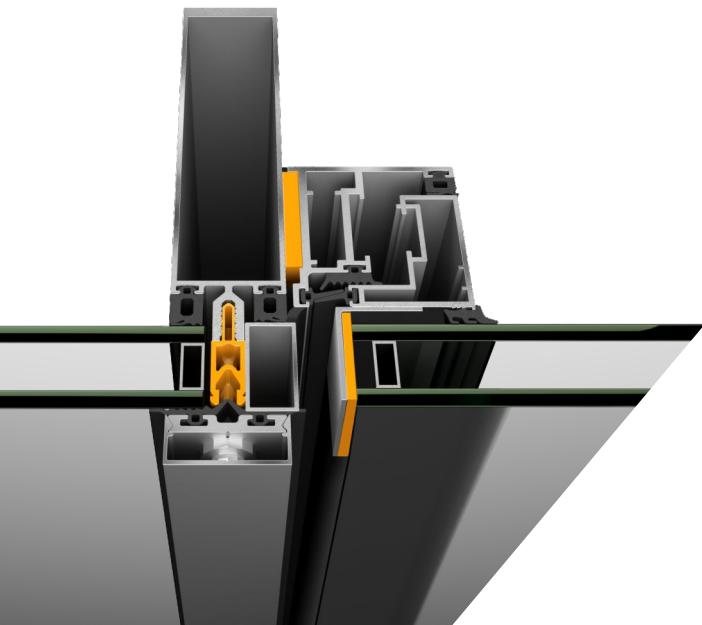


CURTAIN WALL INSULATED SYSTEM

SMARTIA M35 is a “value for money” curtain wall system which ideally combines aesthetics and high performances.

Its minimal design offering reduced sightline, compared to other typical Curtain Wall Systems, at 35 mm, renders SMARTIA M35 ideal for Transparent Architecture.

- Basic system width 35 mm
- High thermal insulation thanks to special insulating materials
- Ideal for constructions that seamless appearance is specified, such as shopfronts.
- Low fabrication cost thanks to accessories and ease of fabrication.
- Effective water evacuation system
- Implementation of various types of hinged windows: projected, parallel projected, tilt and turn and concealed sash.
- Implementation of entrance door systems.

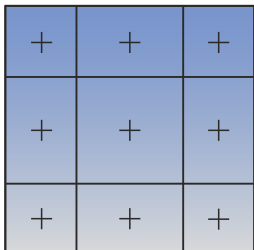




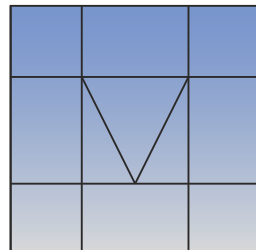
TECHNICAL CHARACTERISTICS

Exterior visible width	35 mm
Mullion depth	50 - 200 mm
Transom width	16,5 - 200 mm
Glazing type	stick with EPDM gaskets
Glazing thickness	4 - 54 mm
Mullion max Inertia	$I_x=540 \text{ cm}^4$ $I_y=20 \text{ cm}^4$
Transom max Inertia	$I_x=451 \text{ cm}^4$ $I_y=24 \text{ cm}^4$

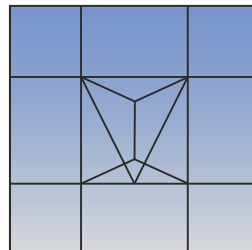
TYOLOGIES



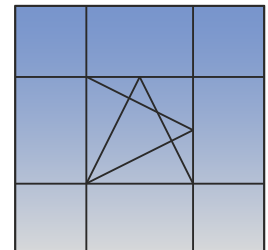
Fixed



Project window



Parallel Projected
Window



Tilt and turn window

CERTIFICATES

	Air permeability EN 12152	CLASS AE
	Watertightness EN 12154	CLASS RE 1050
	Resistance to wind load EN 13116	Design Load $\pm 1,6 \text{ KN/m}^2$ Safety Load $\pm 2,4 \text{ KN/m}^2$
	Thermal insulation EN 12631	$U_f = 1,2 - 2,2 \text{ W/m}^2\text{K}$