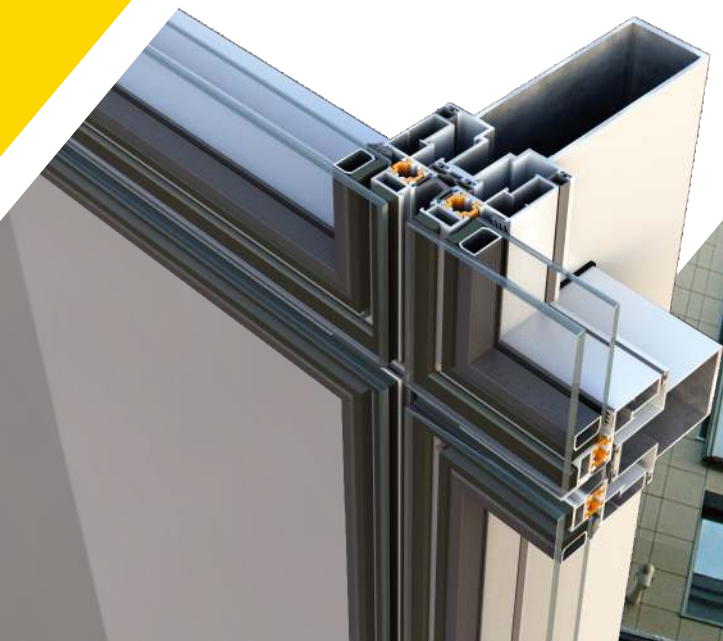


Alumil

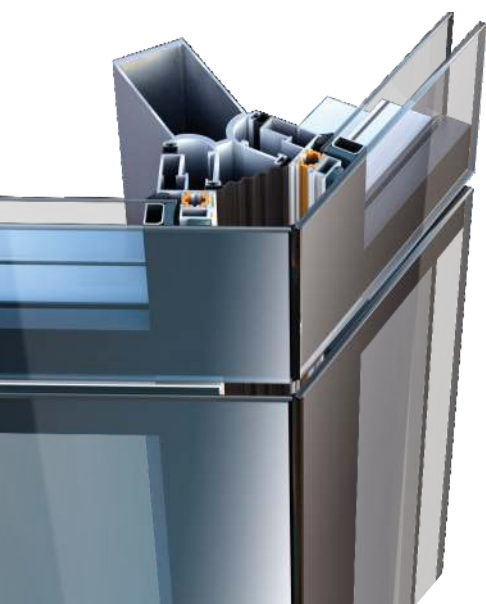
COMFORT M4



CURTAIN WALL INSULATED SYSTEM

COMFORT M4 is a thermal insulated system for structural curtain walls with hanging frames (stick type) for faster installation.

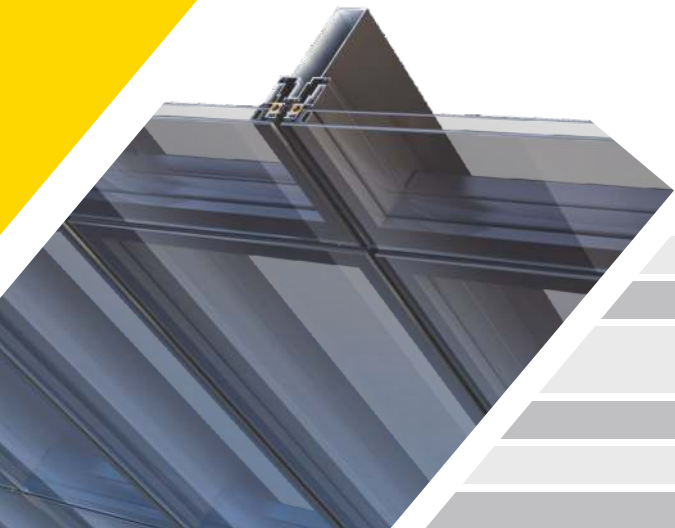
- 55 mm width of mullions.
- Vents with structural glazing.
- Distance between glass panels 14 mm.
- Vents are supported by the mullions on which they are attached through special hardware, securing the frame on the curtain wall structure.
- The same vents can be either fixed or projected outwards (windows parallel projected or top hung).
- Big variety of mullions for high wind loads.
- Polygonal surfaces are possible.
- Can be combined with doors from the SMARTIA series.
- Very easy installation on the building.
- Certified by AAMA.



Exterior aesthetics

Structural (glass only).

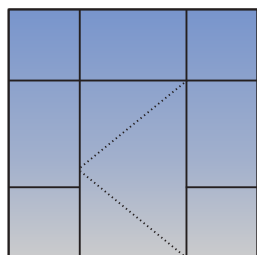




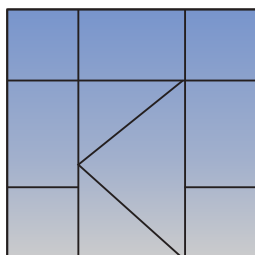
TECHNICAL CHARACTERISTICS

Exterior visible width	55 mm
Mullion depth	49 – 139 mm
Transom depth	47 – 154 mm
Glazing	Seamless aluminium frame with structural silicone & EPDM gaskets
Glass thickness	5 – 38 mm
Mullions max inertia	$I_x=501$ $I_y=64$ cm ⁴
Transoms max inertia	$I_x=68$ $I_y=36$ cm ⁴

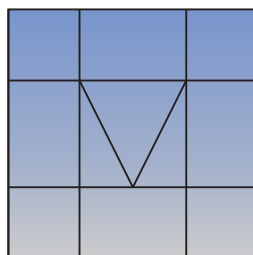
TYOLOGIES



Hinged opening
outward door



Hinged opening
inward door



Projected
outward window

CERTIFICATES

	Air permeability EN 12152	CLASS 4
	Watertightness EN 12154	CLASS R6
	Resistance to wind load EN 13116	± 2,0 kN/m ²
	Thermal Insulation EN 12412-2	$U_f = 3,7$ W/m ² K