

# ALUMIL

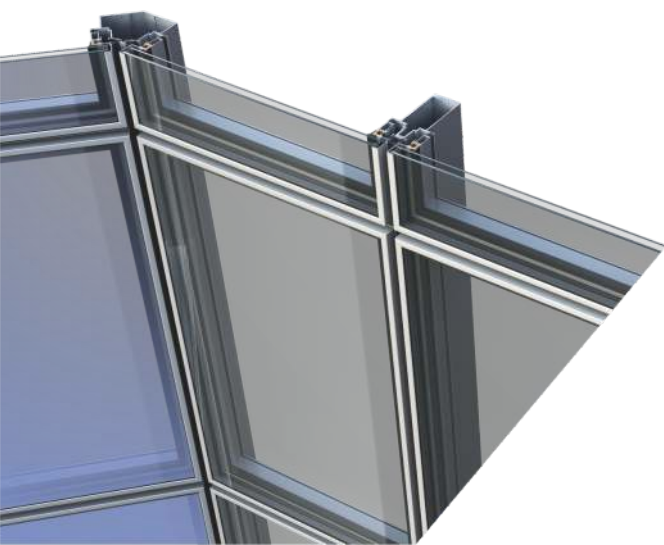
## COMFORT M3



### CURTAIN WALL INSULATED SYSTEM

COMFORT M3 is a thermal insulated system for semi-structural curtain walls with hanging frames (stick type) for faster installation.

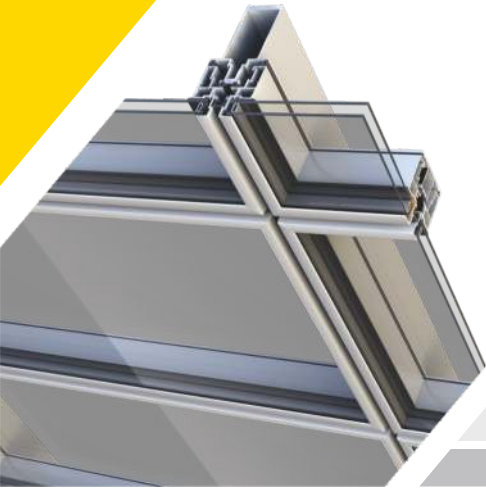
- 55 mm width of mullions.
- Visible aluminium frame width of 14 mm.
- Vents hold the glass, leaving a 16 mm visible aluminium strip around the glass.
- Vents are supported by the mullions on which they are attached by means of special hardware, which secure the frame on the curtain wall structure.
- The same vents can be either fixed or projected outwards (windows parallel projected or top hung).
- Big variety of columns for high wind loads.
- Polygonal surfaces are possible.
- Can be combined with doors from the SMARTIA series.
- Very easy installation.
- Certified by AAMA.



### Exterior aesthetics

With horizontal and vertical cover (Standard).

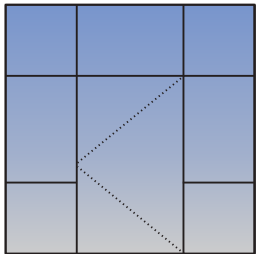




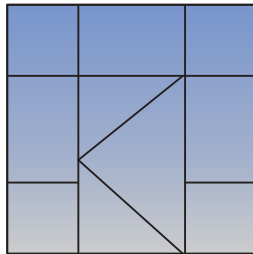
### TECHNICAL CHARACTERISTICS

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

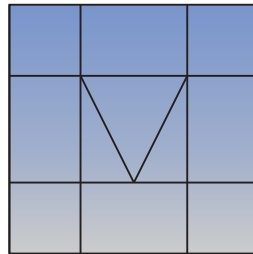
### TYOLOGIES



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	$\pm 2,0 \text{ KN/m}^2$
	Thermal Insulation EN 12412-2	$U_f = 3,7 \text{ W/m}^2\text{K}$