

**NEW  
&  
INNOVATIVE**

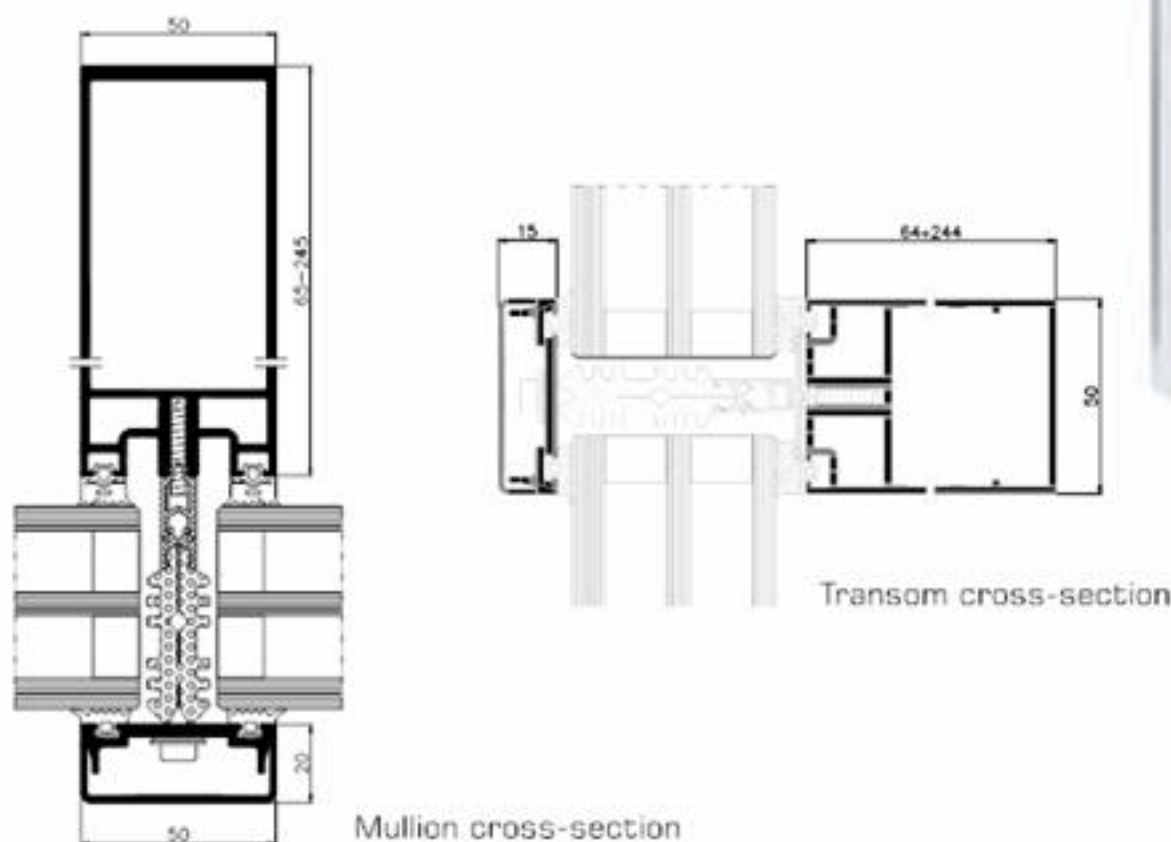
•  $U_f$  from 0,6 W/m<sup>2</sup>K

• 3 zone cascade drainage and ventilation

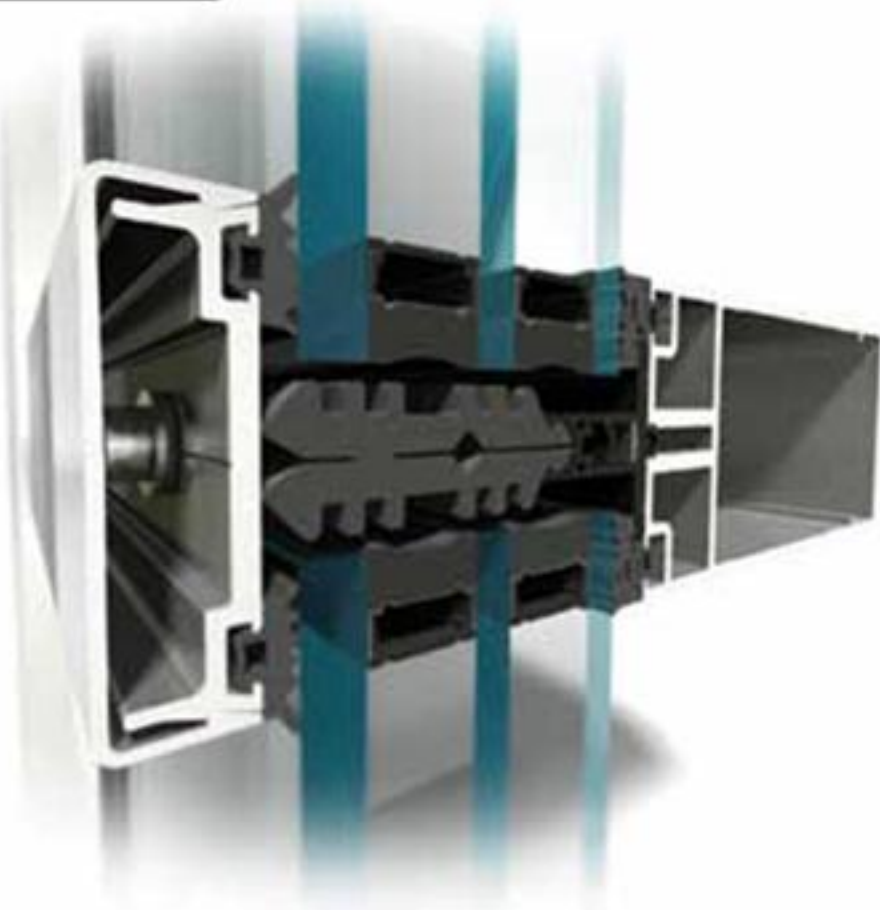
• Great functionality and effectiveness

Curtain Wall System

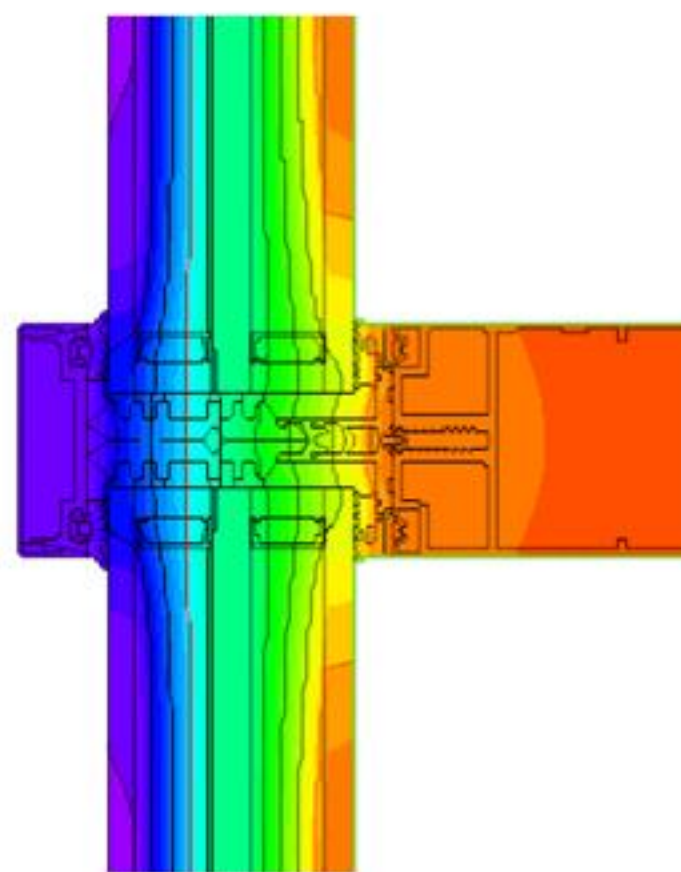
**MB-TT50**



The new and innovative MB-TT50 goes a step beyond standard stick systems in terms of performance and functionality. It offers exceptional insulation and weather performance achieved by special 3 zone cascade drainage and ventilation of the glazing rebates. It's innovative design saves time and therefore money on fabrication due to square cut transom to mullion connection. The standard configuration of the system can be enhanced to conform to security and fire rated requirements.

**MB-TT50**

Transom - cross section



Distribution of isotherms

**FEATURES AND BENEFITS**

- enhanced thermal insulation -  $U_f$  from 0,6 W/m<sup>2</sup>K
- glazing up to 56 mm
- wide variety of angular connections to allow greater design flexibility
- high capacity mullion-transom connections (2,5 KN) coupled with wide range of glazing to allow the use of large size, heavy glazing panes
- transom-transom constructions option
- 3 zone drainage and ventilation system reinforced with set of gaskets to provide protection against the most unfavorable weather conditions
- selection of windows and doors available including roof vents, concealed vents and parallel windows
- semi structural EFEKT glazing option
- compliance with CE marking requirements

TECHNICAL SPECIFICATION	MB-TT50
Mullions depth	65 - 245 mm
Transom depth	64 - 244 mm
Inertia mullions (range Ix)	35,47 - 1663,27 cm <sup>4</sup>
Inertia transoms (range Iz)	28,45 - 1219,42 cm <sup>4</sup>
Glazing width (mm)	24 - 56 mm
Max weight of façade pane	500 kg

PERFORMANCE	MB-TT50
Air Permeability	Class AE 1350Pa, EN 12153:2003; EN 12152:2002
Watertightness	Class RE 1800Pa, EN 12155:2003; EN 12154:2002
Fire resistance	EI 30 and EI 60
Thermal insulation	From 0,6 W/m <sup>2</sup> K
Burglar resistance	WK2 and WK3
Windload resistance	2700Pa / EN 12179:2002; EN 13116:2002