

**NEW
&
INNOVATIVE**

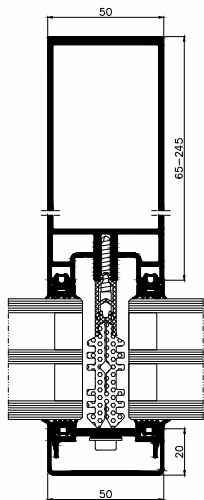
• U_f from 0,6 W/m²K

• 3 zone cascade drainage and ventilation

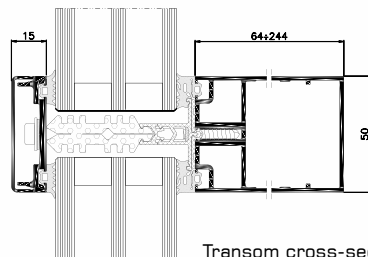
• Great functionality and effectiveness

Curtain Wall System

MB-TT50



Mullion cross-section

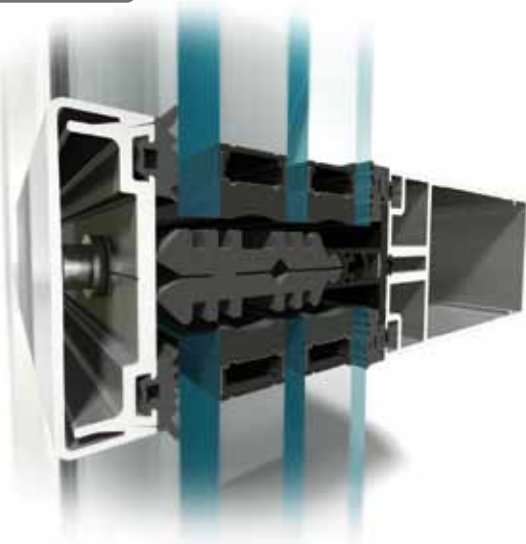


Transom cross-section

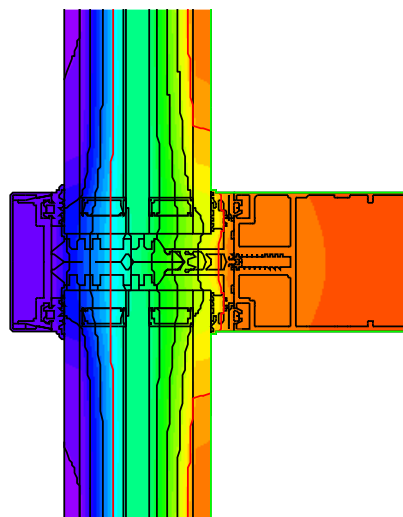


The new, modern MB-TT50 curtain wall system goes a step ahead in functionality and effectiveness compared to classic crossbar facades. It offers exceptional insulation and weather performance achieved by special 3 zone cascade drainage and ventilation of the glazing rebates. Its innovative construction enables to reasonably reduce the time required to manufacture and construct the complete curtain wall. It is designed to serve as the base system for security anti burglary and fire rated varieties.

MB-TT50



Transom - cross section



Distribution of isotherms

FEATURES AND BENEFITS

- enhanced thermal insulation - U_f from 0,6 W/m²K
- glazing up to 56 mm
- large selection of angle connections to enable 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 ⁴
Inertia transoms (range Iz)	28,45 - 1219,42 cm ⁴
Glazing width (mm)	24 - 56 mm
Max weight of façade pane	500 kg

PERFORMANCE	MB-TT50
Air Permeability	Class AE 1200Pa, EN 12153:2003; EN 12152:2002
Watertightness	Class RE 1500Pa, EN 12155:2003; EN 12154:2002
Fire resistance	EI 30 and EI 60
Thermal insulation	From 0,6 W/m ² K
Burglar resistance	WK2 and WK3