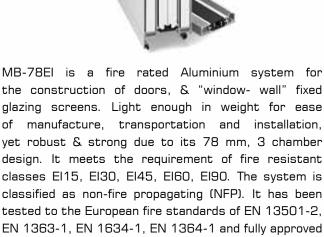


MB-78EI

MB-SR50 EI





by the building authorities.



MB-SR50 El is a "stick-build" mullion & transom curtain wall system, designed for the construction of fire-proof screens & facades. Used conventionally for all typical & the most challenging of designs & building requirements, the system has achieved classifications El15, El30, El45, El60 according to the standard BS-EN 1364-3. The system has been classified as non-fire-propagating (NFP). All standards attained have been approved by EXOVA, Warrington, as UK market compliant (Reg. No. 195772).



MB-78EI



Ensuring excellent performance in even the most challenging conditions it also features high smoke tightness classifications according to EN13501-2:2003 – classes $S_{\rm m}$ and $S_{\rm a}.$ The classification according to UA GS VII.01/98 is S30. It may be applied for the purpose of building smoke-proof constructions.

MB-SR50 EI



As a derivative of our regular MB-SR50 curtain wall system, the "EI" mullions & transoms are no different in their appearance, making it possible to include both fire rated & non-fire rated screens for the same project and indeed the same vicinity, without compromise of aesthetics.

FEATURES AND BENEFITS

MB-78EI

- 1 or 2 leaf door of height up to 2500 mm
- wall partitions and door and wall sets of height up to 4000 mm
- dual color options
- angular door mid-rail option
- large selection of specialized hardware
- · clean, sharp lines of narrow extruded aluminum framing
- numerous finish options

MB-SR50 EI

- same appearance as per non fire rated curtain wall
- \bullet large selection of available types of fire rated glazing; \pm 7.5 degree corner connection
- 15 degrees available deviation from vertical position
- wide range of finish options
- large, wire-free glass areas

TECHNICAL SPECIFICATION	MB-78EI Doors and Wall partitions	MB-SR50 El Curtain wall	
Frame / mullions width	78	85 - 185	
Leaf / transom width	78	65 - 145	
Glazing thickness	6 - 49 mm	15 - 52 mm	
Min visible width T profile			
Door frame / mullion	51 (72)	50	
Door leaf / transom	72 (51)	50	
Size and weight limitations			
Max size of door leaf / curtain wall element (HxW)	H 2500 mm W 1400 mm	H 3000 mm / 1200 mm W 1500 mm / 1800 mm	
Max weight of door leaf / curtain wall	250 kg	240 kg	

PERFORMANCE	MB-78 EI	MB-SR50 EI
Air Permeability	Class 2 EN 12207:2001	-
Watertightness	Class 5A EN 12208:2001	-
Fire resistance	El 15, El 30, El 45, El 60, El 90	El 15, El 30, El 45, El 60
Thermal insulation (U _f)	from 1,6 W/m²K	from 1,9 W/m²K
Acoustic Insulation	to 37 dB	-





ALUPROF S.A.