

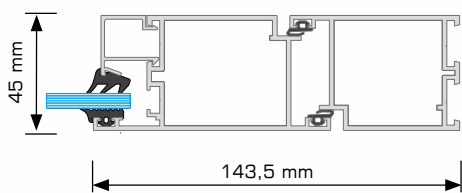
• Flexibility in design

• Durability

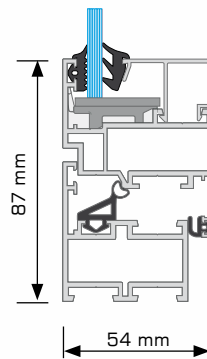
• Simple Installation

Window, door and wall partitions system

# MB-45



Door - cross-section



Opening window - cross-section

MB-45 is a competitively priced non thermal window and door system. Can be used externally where no thermal insulation is required or also internally as a partition system. With its broad selection of profiles, MB-45 offers a variety of possible uses and combines cost efficiency with minimum basic depths. The system comes with a full suite of door options; sliding, swing anti finger trap, and open in window configurations; Slide & Tilt, Side hung, bottom hung and tilt&turn. MB-45 has been designed to provide a competitive edge to medium traffic applications across the retail, commercial and public sector markets.

## MB-45 / MB-45D



Base system for use in building interiors with low thermal insulation requirements. It features large selection of profiles and accessories.

It is also available as smoke proof wall partitions and doors in the class S<sub>m</sub>, S<sub>a</sub> in compliance with the norm EN 13502-2:2008.

## MB-45S



The variety of main system comprising the elements of wall partitions and doors fitted with mortise hardware.

### FEATURES AND BENEFITS

- window options include, open in side hung, bottom hung, tilt & turn and Slide & Tilt
- doors available as a single and double leaf open in and open out
- light construction, easy to install
- mortise hardware option
- smoke proof door in the class S<sub>m</sub>, S<sub>a</sub> option
- suites with other Aluprof's MB systems allowing total design flexibility and project solutions

TECHNICAL SPECIFICATION	MB-45	MB-45S	MB-45D
Depth of frame (door / window)	45		
Depth of leaf (door / window)	45 / 54	45	
Glazing range mm (fixed window and door / opening window)	2 - 25 / 2 - 34	2 - 25	
<b>Min visible width T-profile</b>			
Door / window frame	66,5 / 43,5		
Door / window leaf	72 / 27,5		
<b>Size limitations</b>			
Maximum size of tilt turn window (HxW)	H 2400 mm (1850 mm) W 1250 mm (1600 mm)	-	-
Maximum size of door (HxW)	H 2400 mm (2200 mm), W 1250 mm (1400 mm)		
Max weight of doors / windows (kg)	120 / 130 kg	130 kg	120 kg
<b>Types of constructions</b>			
	Tilt window, turn window, tilt turn window, Doors open out and open in	Mortise doors, Partition walls with doors	Doors open out and open in

PERFORMANCE	MB-45	MB-45S	MB-45D
Impact resistance	Class 3 (800N), EN 1192		
<b>Approving documents</b>			
ITB Technical Approval	AT-15-5176/2009		AT-15-5163/2009