

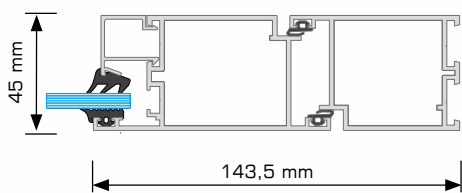
• Flexibility in design

• Durability

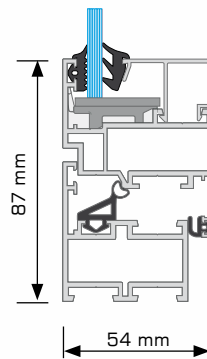
• Ease of installation

Window, door and wall partitions system

MB-45



Door - cross-section



Opening window - cross-section

MB-45 is an attractively priced base system for use inside a building, ideal for projects with relatively low thermal insulation requirements. With its broad selection of profiles, MB-45 offers a variety of possible uses and combines cost efficiency with minimum basic depths. The system is the right choice for different varieties of wall partitions, windows and doors such as sliding, swing, entrances and lobbies, commercial windows and display cases. The strength of the construction ensures to provide economic solutions to medium traffic applications in a variety of markets including retail, commercial and public sectors.

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_m, S_a 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

- windows available as fixed window and open in and out window, tilt, turn and tilt-turn
- 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_m, S_a 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	
Min visible width T-profile			
Door / window frame	66,5 / 43,5		
Door / window leaf	72 / 27,5		
Size limitations			
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
Types of constructions			
	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		
Approving documents			
ITB Technical Approval	AT-15-5176/2009		AT-15-5163/2009