



LET'S BUILD A BETTER FUTURE

## Window and door system **MB-45**

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.



simple Installation

flexibility in design

## 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 AESTHETICS

- 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

| TECHNICAL SPECIFICATION                                  | MB-45                                                                        | MB-45S                                       | MB-45D                     |
|----------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------|----------------------------|
| Frame depth (door / window)                              | 45 mm                                                                        |                                              |                            |
| Casement depth (door / window)                           | 45 mm / 54 mm                                                                | 45 mm                                        |                            |
| Glazing rang<br>(fixed window and door / opening window) | 1.5 – 32 mm / 1.5 – 34 mm                                                    | 1.5 – 32 mm                                  |                            |
| MIN VISIBLE WIDTH T PROFILE                              |                                                                              |                                              |                            |
| Frame (door / window)                                    | 66.5 mm / 27.5 mm                                                            |                                              |                            |
| Casement (door / window)                                 | 66 mm / 27.5 mm                                                              |                                              |                            |
| SIZE LIMITATIONS                                         |                                                                              |                                              |                            |
| Max. size of window (H×L)                                | H to 2400 mm (1850 mm)<br>L to 1250 mm (1600 mm)                             | —                                            | —                          |
| Max. size of door (H×L)                                  | H to 2400 mm (2200 mm)<br>W to 1250 mm (1400 mm)                             |                                              |                            |
| Max. weight (door / window)                              | 120 kg / 130 kg                                                              | 130 kg                                       | 120 kg                     |
| TYPES OF CONSTRUCTION                                    |                                                                              |                                              |                            |
| Solutions                                                | Tilt window, turn window,<br>tilt&turn window,<br>Doors open out and open in | Mortise doors,<br>Partition walls with doors | Doors open out and open in |