

TECHNICAL DATA SHEET

ID-MC1

MC1 EPS CORE METAL CLAD

DESCRIPTION

The **MC1 EPS Core Metal Clad** door offers a lightweight, longlife, minimum maintenance solution. The polystyrene core provides superior insulation and the metal facing offers high impact resistance.

APPLICATIONS

Commercial and residential access points, where additional security or protection from the elements is required. They have been used in garages, warehouses, factories and transportable buildings.

AVAILABLE SIZES

The thicknesses below are based on 0.55mm metal for door facing and capping. If thicker metals specified, this will alter the overall thickness of the door.

STANDARD STOCK SIZES					
THICKNESS	35	37	40	42	47
2040 x 820		✓		✓	
2040 x 920		✓		✓	
MADE TO ORDER (MTO) - UP TO SIZES					
2100 x 920		✓		✓	✓
2400 x 920		✓		✓	✓
2400 x 1200		✓		✓	✓
2700 x 920*		✓		✓	✓
3000 x 1200*		✓		✓	✓

*Size not covered under warranty for warp, bow or twist.

Colour with a Solar Reflective Index of less than 40 is not covered under warranty for warp, bow or twist.

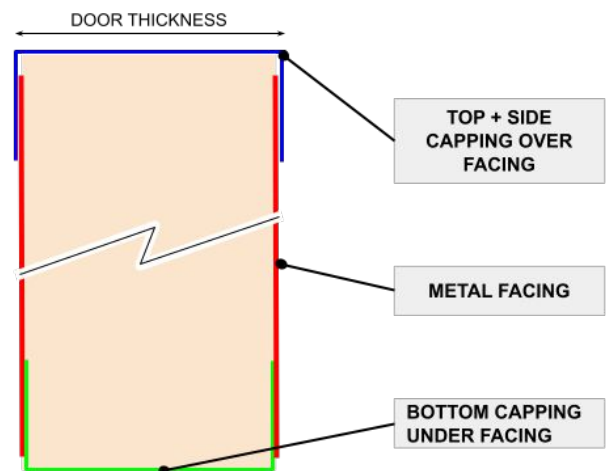
CONSTRUCTION

The door leaf has an SL grade polystyrene (EPS) core surrounded by an internal perimeter frame made of kiln-dried timber. This frame is 110mm wide, which allows for hardware fixing points for closers, locks & hinges. Exterior grade ply is then glued to the core before being sheeted with metal facings, maintaining a 5mm margin (to allow for on-site trimming).

Our standard metal facing is 0.55mm Zinc, Galv or Colour#. Other materials and thicknesses are available on request, such as Stainless Steel or Aluminium.

To finish the edges off, capping is supplied fitted to all sides but only the bottom piece is fixed.

To avoid water pooling in the bottom capping, it is recessed into the door facing and is set under the metal facing.



OPTIONAL EXTRAS

(Only available on MTO Doors)

- Concealed bottom seal prep
- Vision Panel
- Air Grille
- Cable channel
- Pre-hanging in pressed steel frame
- Hardware cutouts