

*Product specification*

# M2M Security & External Fire Rated Doors

## 1. Scope

- External Single outward opening fire doorsets
- External Double outward opening fire doorsets
- External Single inward opening fire doorsets
- External Double inward opening fire doorsets

## 2. Sizing

All sizes shown are structural sizes in mm.

Variant	Max Height (mm)	Max Width (mm)
Single Door	2810	1290
Double door fire opposite to hinge side		
Active Leaf	2810	1250
Passive Leaf	2810	1210
Double door fire to hinge side		
Active Leaf	2440	1060
Passive Leaf	2440	1050

Note:

- *Double doors made up of unequal sizes leafs*
- *Active leaf must be at least 550 wide*
- *Passive leaf must be at least 530 wide*

## 3. Locking Options

- MICO Elite or Abryll panic escape, manual, automatic, and electromechanical deadlock single point locking.
- MICO 942 2/3 point locking systems on double doors only.
- Double panic bar variant also available (panic bars fitted to both leaves of double doorsets).
- External access via MICO USCH cylinder guard with Scandinavian oval cylinders, as standard.
- Passive leaf fitted with heavy duty tower bolts.
- EM1,2 or 3 can only be fitted on doubles with fire opposite to hinge side.

## 4. Additional Options

- Range of closers, Dorma TS83, Assa DC200 or DC300.
- Fire seal
- Locking cover
- Cable loop

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## 5. Security Rating

M2M<sup>2</sup> doors are LPCB certified to LPS 1175: Issue 7 security rating 2 (certificate number 312f)

M2M<sup>3</sup> or M2M<sup>4</sup> doors are LPCB certified to LPS 1175: Issue 7 Security Rating 3 or 4 respectively (certificate number 312e).

## 6. Fire rating

M2M<sup>2</sup>, M2M<sup>3</sup> or M2M<sup>4</sup> single doors are available with a fire rating of 120 mins to hinge side only and 240 mins opposite to hinge side. M2M<sup>2</sup>, M2M<sup>3</sup> or M2M<sup>4</sup> double doors are available with a fire rating of 30 mins to any side when electro mechanical locks are fitted and 120 mins to any side without electro mechanical locks.

## 7. Leaf Construction

Leaf thickness	66mm
Leaf material	Outerskins 1.5mm THK Zintec Internal plating to suit locking requirement Armoured steel, where required
Hinges	6no. hinges per leaf Choice of H126 lift off hinges or H101 lift off hinges
Lifting points	M10 lifting point per leaf
Leaf Infill	Rockwool

## 8. Frame Construction

Frame profile	110mm deep can have rockwool if required
Frame material	1.5mm or 2mm THK Zintec
Construction method	Butt jointed frame sections, as standard Fully welded frame available at an extra cost
Reinforcing	3mm chassis system (no adjusters)
Threshold	Steel or aluminium available No still option available

## 9. Standard Details

Finish	Polyester powder coated, as standard Wood effect finish available at an extra cost
Weight	Circa 75kg/m <sup>2</sup>