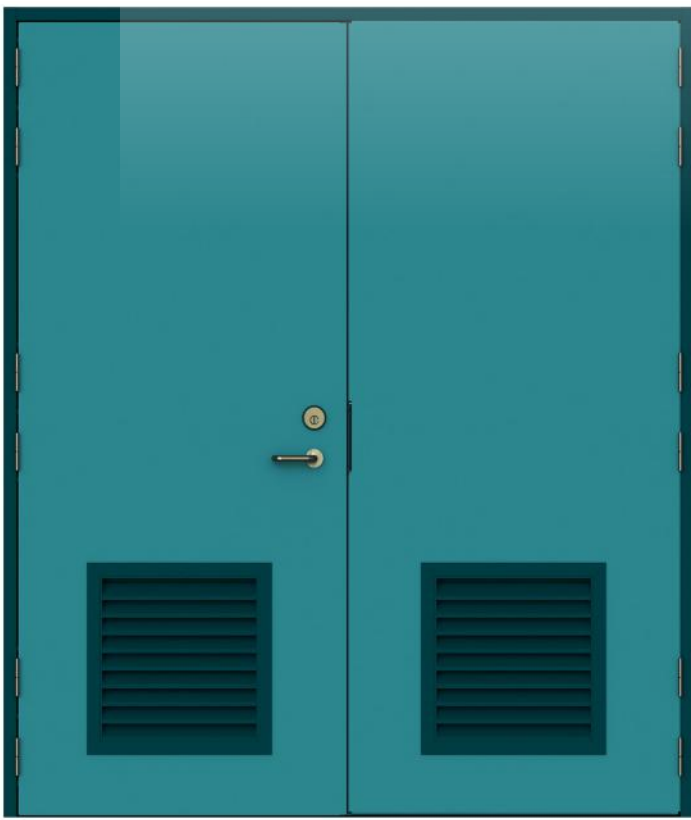
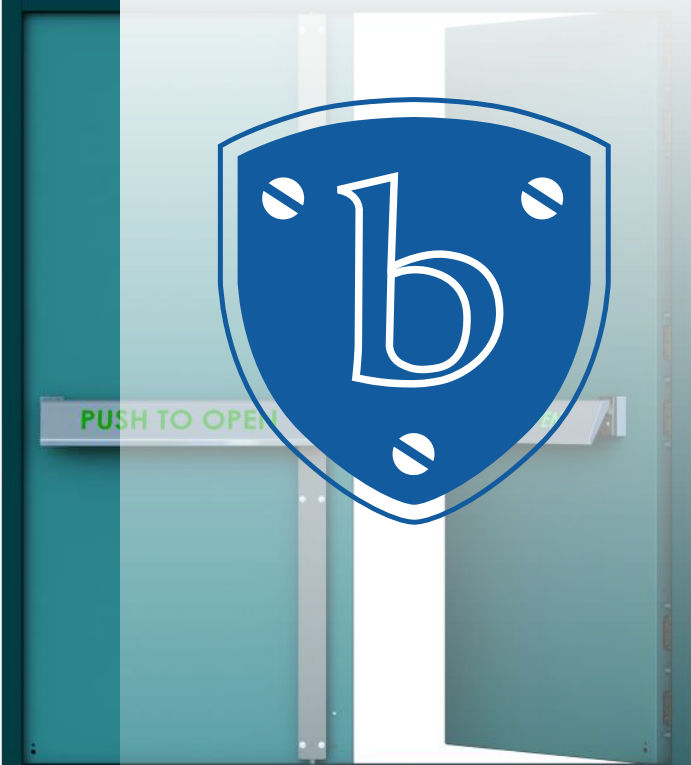


M2M² M2M²FD M2M²SUB



M2M²



M2M² doorsets certified by the Loss Prevention Certification Board (LPCB) to LPS 1175 (Issue 7) Security Rating 2.
Note: Security rating can be affected by doorset sizing and configurations.

Specification



revA



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1) Certified Scope

- a. Single outward opening doorsets
- b. Double outward opening doorsets
- c. Single outward opening doorsets with fixed side and/or over panels
- d. Double outward opening doorsets with fixed side and/or over panels

2) Certified Sizing

(All sizes shown are structural sizes)

Variant	Min Height	Max Height	Min Width	Max Width
Single outward opening doorsets	1000	2430	600	1180
Double outward opening doorsets	1000	2930	900	2600
Single outward opening doorsets with fixed side and over panels	1200	3930	740	4180
Double outward opening doorsets with fixed side and over panels	1200	3930	900	5200

3) Uncertified Scope (successfully tested but requiring final assessment by the LPCB)

- a. Single inward opening doorsets
- b. Double inward opening doorsets
- c. Single outward opening doorsets with removable overpanels
- d. Double outward opening doorsets with removable overpanels

4) Uncertified Sizing (successfully tested but requiring final assessment by the LPCB)

(All sizes shown are structural sizes)

Variant	Min Height	Max Height	Min Width	Max Width
Single inward opening doorsets	1000	2930	600	1430
Double inward opening doorsets	1000	2930	900	2600
Single outward opening doorsets with removable overpanels	1200	3930	740	1430
Double outward opening doorsets with removable overpanels	1200	3930	900	2600

Note: Double doorsets are available with unequal splits. Minimum passive leaf width 450mm.

5) Locking Options

Single Point Locking – Mico Elite

- a. Full range of Panic, Manual, Automatic and Electromechanical deadlocking options¹
- b. Mico BSR 2/3 point locking systems¹
- c. External access via Mico USCH cylinder guard with Scan oval cylinders as standard
- d. Available also to suit round or rim cylinders
- e. Padlockable hasp and staple access device¹
- f. Passive leaf fitted with heavy duty tower bolts as standard. Tower bolts extended on larger doorsets to reachable height

6) Additional Options

- a. Vision panels² (standard sizes 203 x 356, 203 x 762, or 457 x 457)
- b. Punched and bladed louvre cartridges²
- c. Range of stays and closers. TS83 and Z108 as standard
- d. Removable overpanels³

7) Fire Rating⁴

All options are available with up to 240 minute fire-rating, certified under Exova Certifire scheme (certificate number CF5107). The following exceptions apply:

- a. Doors fitted with removable overpanels
- b. Vision panels reduce the fire rating to 60 minutes
- c. Doors with louvres

8) Leaf Construction

- | | | |
|-------------------|---|---|
| a. Leaf thickness | - | 66mm |
| b. Leaf material | - | Outerskins 1.5mm Zintec |
| c. Reinforcing | - | Internal plating to suit locking requirement |
| | - | Armoured steel where required |
| d. Hinges | - | 6no. hinges per leaf |
| | - | Choice of 100mm lift off hinge or Grade 13 butt hinge |
| | - | Protected by 9no. hooked dog bolts per leaf |
| e. Astragal | - | 10mm steel astragal |

¹ Certain locking/door configurations successfully tested but are within the scope of doorsets currently undergoing the next stages of the assessment process

² Availability and positions of vision panels and louvres will be restricted by locking choice.

³ Side and over panels are successfully tested but not yet covered by full certification.

⁴ Fire rated doors must be fitted with Certifire approved door closers to each leaf (e.g. Dorma TS83).

⁵ Weight figure should be used as an indicative value only; choice of hardware (e.g. vision panels) can adjust the weight considerably.

9) Frame Construction

- | | | |
|------------------------|---|--|
| a. Frame profile | - | 110mm deep |
| b. Frame material | - | 1.5mm Zintec |
| c. Construction method | - | Butt jointed frame sections as standard |
| | - | Fully welded frame available at extra cost |
| d. Reinforcing | - | 3mm chassis system (no adjusters) |
| e. Threshold | - | Steel or aluminium options available |
| | - | No sill option available ⁶ |



Frame profile

10) Standard Details

- | | | |
|------------------------|---|--|
| a. Finish | - | Polyester powder coated |
| | - | Range of colours and finishes available to suit client specification |
| | - | ExtraLife system also available, offering up to 10 year anti-rust warranty |
| b. U' value | - | No data available |
| c. Weight ⁵ | - | circa 60kg/m ² |

⁶ Only available with certain hardware options.

⁷ Weight figure should be used as an indicative value only; choice of hardware (e.g. vision panels) can adjust the weight considerably.