



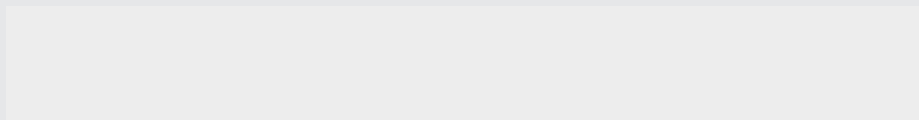
**M2M<sup>+</sup>**

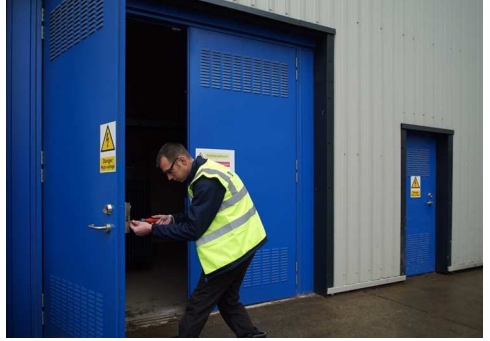
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Extensive series of general-purpose steel doors

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revE





# Award-winning manufacturer of steel security, flood, fire and acoustic doors.

**M2M+ is the UK's best-selling door of its class, combining unbeatable value and short lead times with quick and easy installation.**

Suitable for industrial, commercial and domestic buildings, the M2M+ range comes with an extensive selection of optional extras, vision panels, and louvres, meaning each door can be tailor-made to your exact requirements.

All M2M+ doors are manufactured in the UK and delivered within just 12 working days.

For buildings requiring a higher level of security, We also manufacture certified doors with LPCB accreditation from LPS 1175 SR2 to SR4. Also available from the Group are communal entrance doors, architectural doors, grilles, cages, bar sets, and kiosks.

# M2M<sup>+</sup>

Strong, lightweight and durable,

M2M<sup>+</sup> range provides an extensive series of general-purpose steel doorsets, suitable for a variety of applications. Available with a wide scope of locking options, vision panels, and louvres, each M2M<sup>+</sup> door is bespoke-engineered to suit customer requirements.

These doors are available with the added benefit of an FD240 fire rating, providing up to 240 minute of fire resistance, certified under the CERTIFIRE scheme. M2M<sup>+</sup> doorsets are also available with optional acoustic rating, tested by Lorient to BS EN ISO 10140-2:2010, ranging from 28dB to 40dB, depending on specification.



## SUITABLE APPLICATIONS

Factories & warehouses

Utilities sector

Commercial offices

Schools & universities

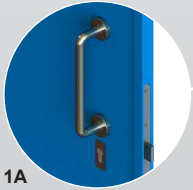
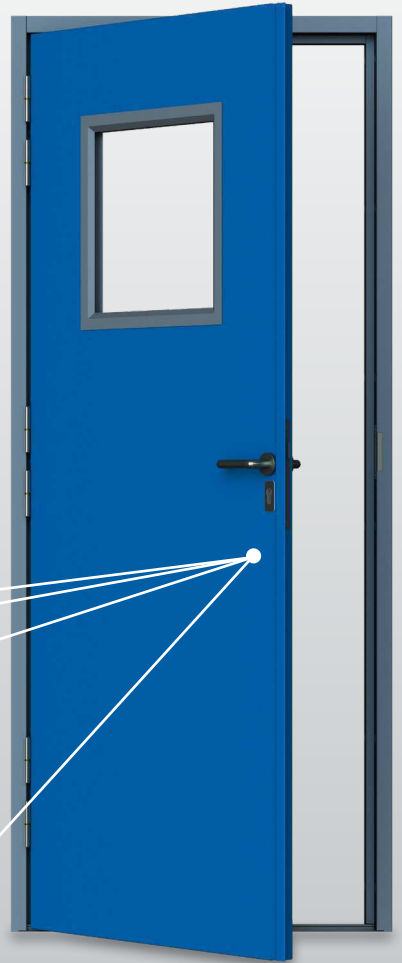
Hospitals

Retail stores & outlets

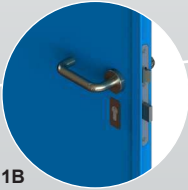
Hotels & car parks

Recording studios & theatres

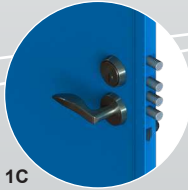




1A



1B



1C



1D

#### PERSONNEL OPTIONS

1A Deadlock & pull handle

1B Sashlock & lever handle

1C Morticed multi-point locking

1D Codelock & lever handle

#### SIZING

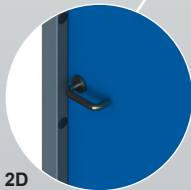
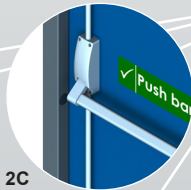
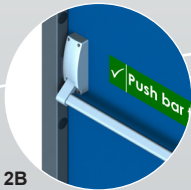
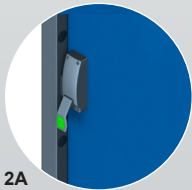
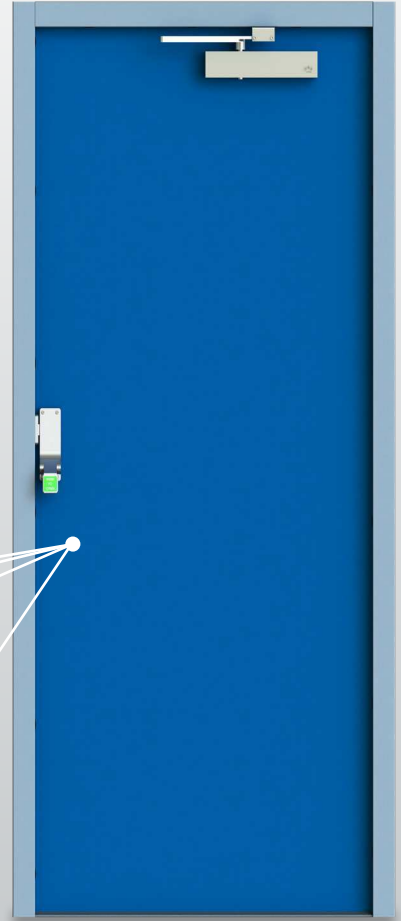
All sizes shown are structural sizes in mm.

	Min Height	Max Height	Min Width	Max Width
Single inward and outward opening	1775	2950	300	1470
Double inward and outward opening	1650	2950	1050	2830
Fixed and removable over panels	250	1225	300	1470
Fixed and removable side panels	300	2950	250	1225

Double doorsets are available with unequal splits (minimum active leaf width 400mm, passive leaf 800mm). Combinations of side and/or over panels can be used in a modular fashion to secure greater openings.

#### GENERAL CONSTRUCTION

- 45mm door leaf construction, manufactured from 1.2mm THK Zintec steel.
- 90mm or 150mm single rebate frame, manufactured from 1.5mm THK Zintec steel (fast-fit frame option available).
- Minimum 4no. hinges, c/w minimum of 7no. heavy duty steel dog bolts to each leaf.



2A

2B

2C

2D

#### FIRE EXIT OPTIONS

2A Single point emergency escape push pad

2B Single point panic escape push bar

2C 2 point panic escape push bar

2D Emergency escape sashlock & lever handle

## LOCKING OPTIONS

### GENERAL PURPOSE

Deadlock

Sashlock

5 lever deadlock

Rimlock

Night latch

Codelock

Morticed multi-point locking

Electric strike & night latch

Magnetic locks

Solenoid bolts

### PANIC ESCAPE

Single point emergency escape push pad

Single point panic escape push bar

2 point panic escape push bar

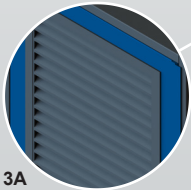
3 point panic escape push bar

5 point panic escape push bar

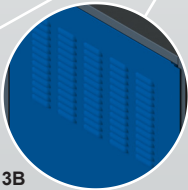
Emergency escape sashlock & lever handle

### STAYS & CLOSERS

A range of door closers and limit stays are available to suit all sizes and specifications of doorsets.



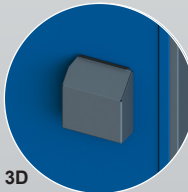
3A



3B



3C



3D

#### SUBSTATION OPTIONS

3A Bladed louvre

3B Punched louvre

3C Limit stay

3D Padlockable lock cover

#### VISION PANELS

152 x 762

203 x 762

305 x 305

457 x 457

610 x 610

203 x 1067

254 x 1219

254 x 1524

*DDA compliant options are available.*

#### LOUVRES

Punched

Bladed

#### FINISH

Doorsets are available primed or polyester powder coated in a wide range of colours and finishes. Bespoke options include high quality wood-grain and textured effects, as well as Extra Life paint guarantee, underwritten by Cromadex Akzo Nobel.

#### INSTALLATION

Patented adjuster system

is supplied with 12 adjusters and a hex tool, to allow for adjustment before the door is fitted. Alternatively, our team of accredited installation engineers provide a nationwide fitting service.



## THRESHOLDS



Folded steel threshold



DDA compliant aluminium threshold



Double ramped low profile aluminium threshold

## LOUVRE CONFIGURATIONS

(Punched or bladed)



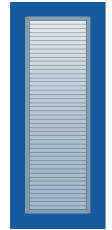
Insert louvre  
top



Insert louvre  
bottom



Insert louvre  
top & bottom



Insert louvre  
large single

## M2M+AC

Tested by Lorient to BS EN ISO 10140-2: 2010, with acoustic ratings ranging from Rw28 to Rw40, providing up to 40dB of noise reduction, depending on specification.

## M2M+FD

Tested and approved by Exova Warringtonfire to FD240, under the CERTIFIRE scheme, providing integrity fire resistance of up to 240 minutes, as defined by EN1634-1:2008 or BS476: Part 22:1987. M2M+FD doors are also available with an optional acoustic rating, depending on specification.

