

METaDOOR



Enhanced **Fire Rated** Steel Doorsets

**Premium Internal & External Steel Doorset
Solutions for High-Performance Protection**



At Metador, our purpose is to create safer environments for the people who depend on them.

As an industry pioneer for over 20 years, Metador manufactures and supplies premium steel doorset solutions.

We work in partnership with our clients to deliver unique products that protect premises and are tailored to their specific needs and challenges.

We provide **uncompromising compliance** and **unrivalled quality**, delivered through **innovative, responsive** partnerships.



Investing in Testing

We have an ambitious R&D programme, which includes ongoing independent product testing with nationally and globally recognised certification bodies to ensure Metador doors provide stand-out performance.

Testing to relevant UK standards:

- BS EN 1634-1:2014+A1:2018 - Fire Resistance
- BS EN 1634-2:2008 - Elements of Hardware
- BS EN 1634-3:2004 - Cold and warm smoke leakage

Probably the most extensively fire tested steel doorset system available in the UK market currently - over the last 3 years, we have tested in excess of 140 fire doorsets, equating to approximately 3 tests a month.

Technical Problem Solvers

We work closely with our clients to help solve their technical problems through an iterative design process that ensures a highly customised solution.

Although we operate as a bespoke manufacturer, our doorsets share our signature design features that overcome typical weaknesses found with steel doorset performance and install.

Working with you

We collaborate with building professionals across the supply chain to address the unique challenges of every project. Our broad experience across a wide range of sectors enables us to provide knowledgeable, reliable support to our clients.



Assessed to ISO 9001
Cert/LPCB ref: 1284



LPS 1175
Cert/LPCB ref: 1284



Defender FireshieldX

External Fire Rated Steel Doorsets



Fire Ratings

- E30 | E60 | E120

Fire Performance

Fully accredited to:

- BS EN 14351- 1:2006+A2:2016 - Windows & External Pedestrian doorsets
- BS EN 16034:2014 - Fire & Smoke Control Doorsets

Tested in Accordance with:

- BS EN 1634-1:2014+A1:2018 - Fire Resistance

Tested bi-directionally (both inward and outward from the test furnace)



Our external Defender FireshieldX doorsets are UKCA marked in accordance with the CPR (Construction Products Regulations) and are available with a large range of ironmongery and glazing options.

They serve as final exits from escape corridors, doors from plant rooms that open directly outside, external access to high-risk spaces, and perimeter boundary doors where preventing fire spread to neighbouring properties is critical.

+ Finish & Design Options:

- Powder coated in any RAL
- Marine-grade
- Special texture or woodgrain finishes

+ Spec Overview:

- 1.5mm galvanised steel door leaf as standard
- Mineral wool core with internal strengtheners
- Wide range of ironmongery and glazing options

+ Available Upgrades:

Thermal Ratings	up to E120
-----------------	------------

LPS 1175 B3 (SR2)	up to E120
-------------------	------------

PAS 24 Rating	up to E120
---------------	------------

Thermal Ratings as low as
1.5 W/m²K to meet the requirements
of Approved Doc L

+ Panel Options:

- Custom sized in-door vision panels
- Various side and over panels
- Heavy-duty steel in-door louvre panels (including LPS 1175 B3 rated and SBD compliance)

+ Max Sizes:

Single Doorsets:

Up to 1407 x 2975mm

Double Doorsets:

Up to 2840 x 3090mm

“Our installation team say the products feel quality, look quality and are so easy to fit compared to other doorsets they have used.”

- Construction and Refurbishment Company Manager



View full
product details

Defender Fireshield

Internal Fire Rated Steel Doorsets

Fire Ratings

- E30 | E60 | E120

Fire Performance

- Successfully tested to BS EN 1634-1:2014+A1:2018

Tested bi-directionally (opening both inward and outward from the test furnace) to meet the mandatory requirement in Building Regulations Approved Document B Appendix C Clause C3



The Defender Fireshield, our custom internal fire rated doorset, offers up to 120 minutes of fire protection due to its superior strength.

Helping to contain fire within a compartment and give occupants critical time to evacuate safely, our internal fire doors range from busy hospital corridors and schools through to commercial offices, plant rooms, and data centres.

+ Finish & Design Options:

- Powdercoated in any RAL
- Marine-grade
- Special texture or woodgrain finishes

+ Spec Overview:

- 1.5mm galvanised steel door leaf as standard (upgradeable to 2.0mm)
- 2.0mm galvanised steel frame as standard
- Custom configurations and extensive hardware range

+ Available Upgrades:

Thermal Ratings	up to E120
-----------------	------------

LPS 1175 B3 (SR2) rating	up to E120
--------------------------	------------

PAS 24 Rating	up to E120
---------------	------------

A number of frame profile options	up to E120
-----------------------------------	------------

Thermal Ratings as low as **1.5 W/m²K** to meet the requirements of Approved Doc L

+ Panel Options:

- Custom sized vision panels in accordance with testing
- Side and over panels
- Fire rated louvred in-door panels

+ Max Sizes:

Single Doorsets:

Up to 1407 x 2975mm

Double Doorsets:

Up to 2840 x 3090mm

“I love fitting these doors.

The frames and thresholds are fixed together with M8 bolts, which is so much better than using tech screws on most steel doors.

The furniture comes already fitted, which speeds up the job. The doors and frames are made with thicker material, so they don't bend as easily.”

- Industrial Door Engineer



View full
product details

Successful Testing of our EI Steel Doorsets

EI30

Integrity + Insulation

Max temp
140°C* average

Enhanced fire protection with combined integrity and insulation performance

+ E (Integrity) Only

- Success is defined as no sustained open flames or specific gaps on the non-fire side of a door under test.
- Does not consider radiation or heat transfer; the unexposed side can still become dangerously hot, typically reaching temperatures in excess of 900°C, preventing the use of potential escape routes and posing a high risk of flammable materials combusting regardless of direct flame exposure.

+ EI (Integrity + Insulation)

- EI fire doors are fitted with multiple thermocouples to measure the temperature on the non-fire side. No individual thermocouple is allowed to exceed 180°C and the average must remain below 140°C*.
- This is crucial where fire doors are used on escape routes to allow for the safe passage of occupants.

[Find Out More](#)

More Options in our Range

We offer an extensive range of products, upgrades, configurations, hardware options and finishes suited to all sectors and environments.

[View Full Range](#)

Safeguard



Xtraguard



ModuleX



Xtreme



PASguard



Duopar



Get in Touch

sales@metador.com

metador.com

01642 337 119

Britannia House, John Boyle Road, Middlesbrough TS6 6TY

Keep up to date with our latest achievements



Designed to Protect

© Copyright 2026 Metador

Metador is not responsible for any errors or omissions in this information or for decisions made or actions taken based on this information. Images are provided for illustration purposes only. Product and service information is subject to regular change. Should you wish to obtain current information, please contact Metador. QAM 1228 Metador Enhanced Fire Rated Steel Doorsets.