

METADOR



Defender Fireshield

Fire rated steel doorsets

Our bespoke fire rated doorset, the Defender Fireshield offers up to 120 minutes of fire protection due to its superior strength.



E sales@metador.com

W metador.com

T 01642 337119

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Fire Rated



Thermally Rated



Acoustic



DDA Compliant

Defender Fireshield doorsets have been successfully tested to BS EN 1634-1:2008, offering 30, 60, 90 and 120 minute rated doorsets. Available with a huge range of ironmongery and glazing options.

Door Leaf

- Anti-jemmy flange on the leading edge (square edged option available up to 60 mins)
- 1.5mm galvanised steel (upgrades: 2.0mm galvanised or 1.5mm stainless steel, 304/316)
- Weld-free construction prevents premature failure
- Mineral wool core with internal strengtheners.

Frames

- 90mm single rebate frame in 2.0mm galvanised steel (stainless option available)
- Custom dimensions and alternative profiles (double rebated, face-fixed, ModuleX integral cloaking and more)
- Bolted corners for strength
- Threaded adjusters for easy installation (16+ fixings). Optional plain fixing plates
- 3mm steel hinge brackets. Insulated frames available.

Thresholds

- Standard DDA-compliant chamfered profile in 2mm stainless steel
- Options: raised/extended cills, inward-opening profiles with drainage, 4mm ramped design
- Integrated removable thresholds available.

Seals

Tubular silicone rubber seal bonded into frame for optimal weather, thermal, and acoustic performance.

Hardware

- Stainless steel ball bearing hinges (4+ per door, with security dogbolts)
- Upgrade options: concealed bearings, special finishes, fully concealed, heavy-duty continuous hinges
- Extensive hardware range: locks, latches, handles, panic hardware, closers, and stays.

Fire Rating

Fire ratings up to 120mins available as an upgrade with this doorset.

Thermal Performance

Standard U-value: 2.2 W/m²K (upgrade-able to 1.5 W/m²K with Thermaguard Technology).

Acoustic Option

Acoustic-rated option available (requires automatic drop seal).

Vision Panels/Louvres

- Custom-sized vision panels in accordance with testing

- Single, double, or triple glazed options with privacy films, blinds, and obscure glass
- Louvres: medium-duty aluminium or heavy-duty steel (150mm to full-door).

Over Panels/Side Panels

- Designed to expand openings, these panels integrate seamlessly with Defender Fireshield doorsets
- Removable overpanels/transoms: Ideal for periodic access (e.g. large machinery)
- Glazed panels: Single or double glazed with weathertight wedge-gasket seals
- Louvred panels: Medium-duty aluminium or heavy-duty steel cassettes (optional insect/rodent mesh).

Finishes

- Powder coated in any RAL colour (marine-grade option available)
- Special finishes: textured, metallic, and woodgrain effects for a premium look.

