

METADOR



Defender Fireshield

Internal fire rated steel doorsets

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



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Internal Use 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 internally fire 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 and fully concealed
- Extensive hardware range: locks, latches, handles, panic hardware, closers, and stays.

Fire Rating

Fire ratings for internal use 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.

