



Defender FireshieldX

External fire rated steel doorsets

Our fire rated doorsets for external use are UKCA marked and compliant with BS EN 14351-1:2006+A2:2016 and EN 16034:2014. Engineered to offer fire protection to 30, 60, or 120 minutes, the FireshieldX is available in a wide range of configurations and functions.





External Use Fire Rated



Thermally Rated



DDA Compliant

Defender FireshieldX external doorsets are fully accredited to BS EN 14351-1:2006+A2:2016 and EN 16034:2014, with 30, 60 or 120 minute fire ratings. They are UKCA marked, in accordance with the CPR (Construction Products Regulations) and available with a large range of ironmongery and glazing options.

Door Leaf

- Anti-jemmy flange on the leading edge
- 1.5mm galvanised steel
- Weld-free construction prevents premature failure
- Mineral wool core with internal strengtheners.

Frames

- 110mm single rebate frame in 2.0mm galvanised steel
- Custom dimensions and alternative profiles
- Bolted corners for strength
- Threaded adjusters for easy installation (16+ fixings)
- 3mm steel hinge brackets
- Insulated frames available.

Thresholds

- Standard DDA-compliant chamfered profile in 2mm stainless steel
- Options: inward-opening profile with drainage.

Seals

Tubular silicone rubber seal self-adhered into frame for optimal weather, thermal, and acoustic performance.

Hardware

- Stainless steel ball bearing hinges (min. 4 per door, with security dogbolts)
- Large hardware range: locks, latches, handles, panic hardware and closers.

Fire Rating

External fire ratings include 30, 60 or 120 minutes and are tested bi-directionally i.e. opening both into and out from the test furnace.

Thermal Performance

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

Vision Panels/Louvres

- Custom-sized vision panels
- Single or double glazed options

- Metador extra high security louvre (300x300mm to full door).

Over Panels/Side Panels

Designed to expand openings, these panels integrate seamlessly with Defender FireshieldX doorsets:

- Framed overpanels with fixed or removable solid centre panels
- Framed side and overpanels with Metador heavy duty high security louvre cassettes (LPS 1175 B3 rated and Secured by Design approved).

Finishes

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

