

# 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.



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Thermally-Rated



DDA Compliant



Fire-Rated

**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

- 1.5mm galvanised steel skins
- Internal steel strengtheners
- Mineral wool for superior insulation
- Anti-jemmy flanges to the leading edge of the leaf for excellent jemmy resistance
- Large number of glazing options available to be incorporated
- Louvred grilles of various standard sizes can be incorporated

**Mechanically fixed ensuring strength and rigidity.**

## Frame

- 2mm galvanised steel profiles
- Profiled headers and vertical posts fixed with strong M8 bolts ensuring rigidity, superior to welded or riveted frames
- 16no threaded adjusters, compensating for most structural opening irregularities

**No need for shims or packers, providing an extremely secure fit.**

## Thresholds

- 2mm stainless steel profile
- DDA compliant
- Available as outward, inward opening and ramped.

## Seal

For optimum weather, thermal and acoustic performance, a tubular silicone/ rubber smoke seal is bonded into the frame rebate to ensure effective sealing of the door/frame gap.

## Over Panels/Side Panels

- Glazed, louvred or solid available
- Minute rating dependant on specification.

## Hardware

- 4no stainless steel hinges for smooth operation
- Dog bolts secure the leaf into the frame if hinges are attacked
- A huge range of locks, latches, lever handles, panic hardware, closers and stays available
- Lever action flushbolts in leading edge of the inactive door leaf available with double doors.

## Thermal performance

Tested and achieving an excellent rating of 2.2W/m<sup>2</sup>K.

Reduced U-value to 1.4W/m<sup>2</sup>K also available with Thermaguard Technology (Patent Pending).

## Finishes

- Powder-coating available in any RAL colour
- Marine-grade option

**Ask about our range of special powder coatings which include textured finishes, metallic and our popular woodgrain effects for the ultimate designer doorset.**

