



Fire^{dor}

Fire Rated Steel Door-Sets with Smoke Rating

- PERSONNEL DOORS

SUITABLE FOR INTERNAL USE

UNIQUE FEATURES

10-12 day lead time*

Up to 2.76m high

Available as PAS 24: 2016

Fire-rated up to E120

*Subject to manufacturing and stock availability



Fire^{dor} Smoke is fire-rated up to E120 and has been tested to BS EN 1634-1:2014 + A1:2018. Additionally, it has undergone further testing to BS EN 1634-3:2004 + AC:2006, earning up to E120Sa classification, which signifies compliance with the ambient smoke performance standard. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, proving greater stability and protection against de-lamination.



Typical **Fire***dor* smoke door-set specification

Leaf

44mm door leaf thickness incorporating an integrated astragal for added security. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, proving greater stability and protection against de-lamination.

Frames

Manufactured from lightweight, high tensile 1.5 mm thick 'Rustec' steel. Adjust 2-Fit side expander system that offers up to 12mm expansion to the structural opening.

Thresholds

Firedor Smoke is supplied with our 96mm threshold as standard.

Smoke doors cannot be supplied without a threshold.

Acoustic Rating

Up to 36dB rating.

Door Ironmongery

Grade 13 stainless steel, twin bearing template drilled butt hinges with integral high security dog bolts are fitted as standard with CE marking. 316 Stainless steel hinges upgrade available.

Other hardware available includes:

- Briton 5720 sashlock
- Stainless steel lever handles
- Fire-rated closers
- Flush bolts on the inactive leaf on doubles

Finish

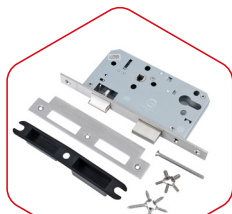
Supplied inclusive of a powder coated finish in a standard colour. Full range of RAL and BS colours available.

Security Rating

Available with PAS 24: 2016 security rating.

| Structural Opening | Single Door | Double Door |
|--------------------|-------------------------------------|--------------------------------------|
| Width | Up to 1200mm | Up to 2300mm |
| Height | Up to 2760mm | Up to 2760mm |
| Max Leaf Area | 2.56 m2 per leaf | 2.68 m2 per leaf |
| Integrity | E120 | E120 |
| Radiations | EW90 (Up to W: 965mm x H:2040mm) | EW30 (Up to W: 1060mm x H:2437mm) |

Striking Hardware Options



Briton 5720 Sashlock

A heavy-duty euro profile cylinder sashlock for lockable doors with lever handles.



Lever Handle

Concealed fix press lever handle available in 19mm diameter.



TS93 Door Closer

High-quality finish closer with concealed fixings creating an elegant and effortless appearance.



Manual Flush Bolt

The manual flush bolt is designed to secure the inactive leaf on a double door.