



MADE TO ORDER

Fire Rated Steel Doors

Fire Rated Doors expand into their frame under heat, sealing off a room where a fire has broken out to prevent the spread of smoke and flames.

Fire rated FD30–FD240

Multi-point locking

Glazed options

Louvered – 40% airflow

Flood pressure resistance

OVERVIEW

Fireproof doors play an important role in emergency fire procedures and can be installed to help your building comply with fire safety legislation. We offer these from FD30 and FD60 doors up to FD240 doors — up to 4 hours of fire protection. Fire resistant steel doors are best used internally to secure rooms where fire risk is high or to secure rooms containing combustibles or other contents susceptible to fire. Every fire rated steel door is custom made to suit existing structural openings, designed on a CAD/CAM system and manufactured with CNC punching and pressing facilities to guarantee quality and long product life.

■ PRODUCT DESCRIPTION

General purpose fire rated exit doors for standard fire rated applications. Up to 240 minute fire rating to BS 476 parts 20 & 22, custom made to suit existing structural openings. All doors are designed on a CAD/CAM system and manufactured with CNC punching and pressing facilities to guarantee quality and long product life.

■ DOOR FRAMES

Manufactured from 1.5mm or 2.0mm Zintec steel, formed to create a single rebate profile frame (double rebate option available on request), reinforced and fitted with adjustable wind-out fixing points. An expanding channel frame is also offered, which can aid fitting into uneven openings.

■ DOOR LEAVES

Manufactured from 1.2mm, 1.5mm or 2.0mm Zintec steel, double skinned and tray formed to create 45mm thick door leaves. Internally the door leaves are filled with a fire rated dufaylite/honeycomb core or an insulated mineral wool core. Door leaves are fitted with an external security anti-jemmy lip to the lock side and integral security dog bolts to the hinged side.

■ HARDWARE

Personnel doorsets come as standard with a sashlock, 2No lever handles and double euro profile cylinder; leaf & half / double doorsets come with top and bottom bolts (concealed or face fixed). Fire exit doorsets come as standard with a single point panic bar; leaf & half / double doorsets also come with a 2-point panic bar to the passive leaf. Additional locks can be added to increase security — any type of lock can be fitted to this doorset. Dependent on furniture, doors may need to be fitted with an overhead door closer.



■ HINGES

As standard, doors are supplied with a minimum of 3 stainless steel ball bearing butt hinges. Dependent on leaf size and weight, doorsets can also be fitted with a continuous butt hinge.

■ CILL

All doorsets come as standard with a DDA compliant threshold; other threshold options are available, including no threshold.

■ DOOR OPTIONS

Vision panels in a wide range of sizes and glazing options; louvered panels (fire rated louvre doors) in a wide range of sizes with or without fly/insect mesh. Side and/or over panels — solid, louvered or glazed. Optional extras: additional locking, door closers, limit stays, kick plates, rain deflectors, drop bars, spy holes, finger protection strips and more, available on request.

SIZES	WHAT'S INCLUDED	APPLICATIONS
Single Door1425mm W × 2945mm H(max) Double Door2825mm W × 2945mm H(max) For larger sizes, side and over panels can be used to achieve the required structural opening. Doors can be manufactured to suit any structural opening size — see Bespoke Doorsets. Single door frames come pre-assembled; double door frames come in knockdown form.	■ Frame weather seal ■ Fixing cover caps	■ Commercial areas ■ Leisure facilities ■ Schools and universities ■ Retail outlets ■ Housing association communal areas ■ Offices ■ Restaurants