



Fire*dor+*

PERSONNEL DOORS AND FIRE EXITS

FIREDOR+ FIRE-RATED BESPOKE STEEL DOOR-SETS

SUITABLE FOR INTERNAL USE ONLY

ADS Windows and Doors

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UNIQUE RANGE FEATURES

14 day lead time

Up to 3m high

1 year warranty

Firedor+ fire rated steel doors have been independently third party tested to perform in excess of 6 hours. The door has been 'latched' and 'unlatched' tested to offer a broad range of hardware options. The door is manufactured from 1.5mm galvanised steel as standard which is an integral aspect of its strength and security. The doors can be configured as single leaf, double-leaf or leaf and a half for use as both personnel and emergency exits.

UNIQUE RANGE FEATURES

14 day lead time
Up to 3m high
1 year warranty



Typical Firedor+ door-set specification

Frame

Manufactured from 1.5 galvanised steel formed to single or double rebated profile in welded or knock down form, reinforced and fitted with fixing plates. Depth of frame can vary to suit brick, block, and steel work or to span a cavity.

Minimum Frame Depth:
76mm x 25mm Single Rebate
Minimum Frame Depth:
145mm x 38mm Double Rebate
Material: 1.5mm

Leaf

Manufactured from 1.5 or 2.0 zintec steel, double skinned with interlocking seams reinforced vertically with interlocking channels and horizontally with tubes to prevent twisting. Spaces are filled with dense Rockwool. Astragal to leading edge.

Overall Thickness: 45mm to 50mm
Material: 1.5mm or 2mm Zintec
Core Infill: Rockwool

Default threshold

Aluminium with neoprene seal see below

Hinges

Grade 13 Stainless steel ball bearing dog bolt butt hinges (Complies with EN 1935:2002)

Finish

Factory finish etch prime. Powder coating also available.

U-Value

Estimated U-Value 2.28.

Certification

Both our Single and Double Door Sets have successfully achieved 6 hour Fire Rating in conjunction with BS 476 parts 20 & 22.

9mm Firelite Glass and FBLS louvres will provide up to 4 hour fire rating (subject to size).

The maximum size we can issue Fire Certification for is 3.12 SQ mtr per leaf. If the required Structural opening exceeds the above dimensions, Fire Rated Side panels / Over panels can be used.

Other options

Bespoke size louvre and vision panels - up to 150mm from leaf edge (near full louvre/glaze)

Solid and glazed top and side panels.

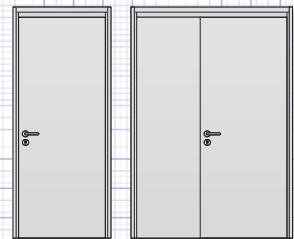
2mm steel on frame & leaf

Timber Core

Specialist continuous hinge

Bespoke and free issue hardware options

Standard door types - other options available

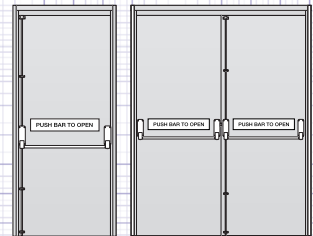


Single personnel door

Leaf and a half personnel door



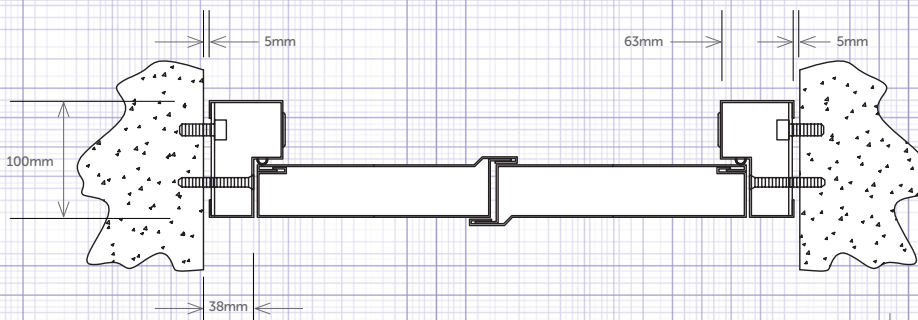
Double personnel door



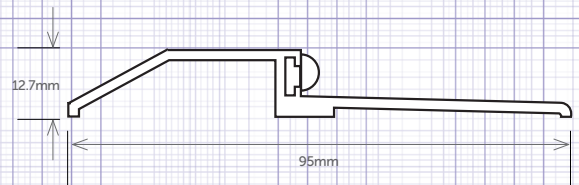
Single emergency exit

Double emergency exit

Typical leaf and frame construction



Aluminium threshold with neoprene seal



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