

- SOLID FIRE DOOR WITH MINIMUM FIRE RESISTANCE OF 30 MINUTES SUITABLE FOR USE TO ACHIEVE BS 476 PART 22:1987 FIRE DOOR STATUS
- FIT TO COMPLY WITH FIRE REPORT REFERENCE NUMBER WF168784/A
- FOR INTERNAL USE ONLY

IMPORTANT NOTES:

Doors must incorporate a 15mm x 4mm PYROSTRIP 100PSA perimeter intumescent seal. A 2mm thick PYROHINGE intumescent gasket must be fitted under all hinge blades. Doors must be installed in the manner in which they were tested and not materially altered in any way. Glazing apertures may NOT be cut into this door.

WHEN YOU GET YOUR FIRE DOOR

Doors should be stored dry and flat using no less than three battens spaced across the length and full width of the doors for support. Doors must not be fitted into newly plastered buildings or new builds before they are roofed and glazed. After removal of protective wrapping, door should be inspected on all sides. Any roughness or slight gaps at the joints can be rectified by light sanding. An appropriate wood filler may be used, if necessary, to achieve a perfect finish. Before fitting, doors should be sealed on both sides and all four edges, including cut-outs for locks, etc. Base coat stains or primers are not considered to be an adequate sealant – a good quality paint or varnish should be used. It is important that the end grains on the top and bottom edges of the door are fully sealed, as this is where moisture can most easily enter the door. Always follow the manufacturer's instructions for the paint, stain or varnish.

FIRE DOOR HARDWARE

Hinges shall be of a good quality STEEL (Mild or stainless), suitable for use in a timber doorset and should be marked CE in accordance with BS EN 1935 (for fire doors). Each door should have 3 hinges of blade size 100mm x 35mm fitted to the edge with No. 8 screws 32mm long. For self closing device, use DORMA Door Controls Ltd. TS71 overhead closer as per fire test.

LEAF SIZE ADJUSTMENT

The height and width of the door leaves may be adjusted by a maximum of 3mm on any edge for fitting purposes.

DOOR FRAMES

Door frames may be softwood or hardwood with a minimum density of 500 Kg/m³ and must be class J30 as specified in BS EN 942:1996. The minimum timber frame section must be 80mm x 40mm. Single acting doors must incorporate a 13mm Rebated Stop

DOOR GAPS

As a general guideline, gaps should not exceed 4mm except for the threshold where 10mm is acceptable to allow for floor coverings. Door leaves must not be proud of each other or from the door frame by more than 1mm.

FIXING AND SEALING TO STRUCTURAL OPENING

This is an important factor in the fire resistance performance of fire resisting door sets. The supporting construction must be capable of staying in place and intact for the full period of fire resistance required from the door set. The frame jambs are to be fixed using steel fixings penetrating the surrounding wall by at least 50mm. Each jamb should have a minimum of three fixings at suggested centres of 600mm or less. Guidance for various methods of sealing the frame to structural opening gap is given in BS 8214-1990 "Code of practice for fire assemblies and non metallic leaves" which should be referred to where appropriate

Regular maintenance of the door finish must be carried out to protect the timber from deterioration.