



# Internal Primed FD30 Fire Doors

## Installation, Finishing & Care Instructions

### Important Notes

It is important you read this leaflet before installing the door. The guidelines below will help ensure the door is fitted correctly and in a suitable environment. **Failure to adhere to the instructions could invalidate any warranty claims.**

- **Doors must be stored flat on 3 level bearers**
- **Doors must be kept dry at all times**
- **Do not install or store the door in newly plastered rooms**
- **Polythene wrapping should remain on the doors until immediately before installation**
- **Check the door for defects and damage before installation - Do not continue to install the door if any defects or damage are found**
- **Any door which has been worked on cannot be exchanged, with the exception of a door with a proven manufacturing defect**
- **Doors should be handled carefully with clean gloves and not dragged across each other or across other surfaces**
- **Doors must be sealed on both faces and ALL edges prior to installation**
- **This door cannot be left untreated and MUST not be left exposed to the elements**

**FIRE DOOR ASSEMBLIES: THIS DOOR IS NOT SOLD AS PART OF A SET. IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THAT ALL COMPONENTS ARE SUITABLE AND COMPATIBLE. IT IS ESSENTIAL THAT THIS DOOR IS INSTALLED USING THE FRAME, INTUMESCENT AND IRONMONGERY DETAILED IN THE TEST EVIDENCE, ASSESSMENT OR CERTIFICATION PROVIDED BY THE MANUFACTURER. ANY DEVIATION FROM THIS WILL RESULT IN THE CERTIFICATION BEING INVALID AND THE DOOR MAY NOT PERFORM AS IT SHOULD IN THE EVENT OF A FIRE.**

### Finishing

This door is supplied primed. Please note that once all work is completed on the door, any trimmed edges, any cut-outs for hardware must be re-primed and given the required number of top coats as indicated on the manufacturer's instructions, paying particular attention to the end grain.

Do not use wire wool or other sanding materials containing steel/iron on our doors. Failing to seal the doors accordingly to our instructions will invalidate any claims.

You can use water or oil/solvent based paints to finish this door. If using an oil/solvent based finish we recommend the use of a VOC 2010 compliant product.

**These doors are only suitable for paint finish.**

For best results, apply any finishing coat while the door is lying flat using a high density foam roller in combination with a paintbrush for any detailed/hard to reach areas. A light sanding before initial application and between coats will produce the best finish and the use of a grey undercoat is recommended when painting doors in a dark colour. Adequate drying time must be allowed between coats as indicated in the manufacturer's instructions. Failure to follow the above will invalidate claims for excessive movement or delaminating.

### Hanging

**Note:** Doors for internal use should be fully finished before being hung. The below covers doors hung as single doors only.

This range of Fire Doors are tested to BS476: part 22: 1987 and are FD-30 Fire Rated when installed into the appropriate frame of 70 x 30mm min thickness section and with a min of 12mm deep rebate or planted stop (see diagram 2 overleaf). If using planted stops, they must be fixed using glue and 40mm long steel pins. 15x4mm Intumescent strips must be fitted into the jambs and head of the frame.

It is the responsibility of the installer to ensure that all Certifire hardware, Intumescent strips, door and frame are fitted correctly to meet all current Building and Fire Regulations.

If in doubt check with your local Building Control Officer.

**Do not plane the door unless absolutely necessary, and if so, do not remove any more than 5mm from the sides, or top or bottom from the door.**

When hanging the Door there should be a 2mm min to 4mm max gap at each side and top

(see dimension A & B diagram 2) and a maximum gap of 6mm between the bottom of the Door and the floor covering,

(see dimension C diagram 2). A minimum of three cut-outs are required in the Door stiles and frame jamb for the hinge position (see diagram 1 overleaf). Using the hinge as a template, mark the hinge positions on the appropriate Door stile. Then position the Door in the Frame and transfer the markings from the Door onto the Frame, ensuring that they are perfectly aligned. Hinges must be CE marked for use with fire resisting doors.

Again, using the hinge as a template, mark the hinge position and cut-out the recesses in the door and frame to the required depth allowing for any intumescent protection. Pilot holes should always be drilled for the screws.

Fit the hinges to the Door in the prepared cut-outs with the screws supplied, fully fitting screws into all the holes in the hinge plate.

Hang the door into the Frame, supporting it to achieve the correct alignment. Initially insert only one screw per hinge plate.

Check that the Door closes correctly and has the height and width clearances as in diagram 2 below. If the Door touches the Frame at any point, the hinge housings may need adjustment. When the alignment is correct, fit the remaining screws into the hinges. If required, fit Door Stops to the frame.

**For further information (including other configurations) please refer to Assessment PAR10899-01.**

## 'IF IN DOUBT SHOUT'

**If you have any queries relating to the installation of this Fire Door, contact your local depot**

## Maintenance & Repairs

Regular maintenance of this door should be made in accordance with the paint manufacturers instructions, to prevent breakdown of the finish and to protect the timber from deterioration.

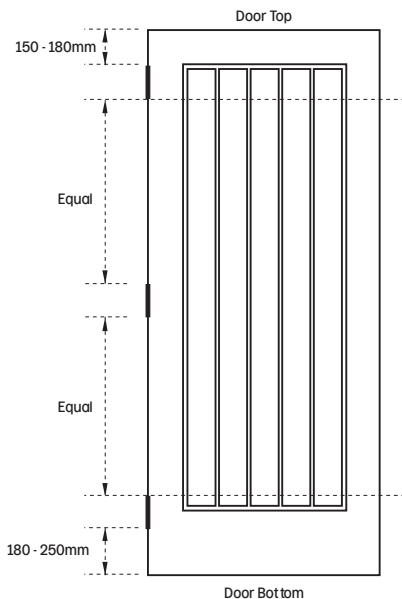
In the event of this door being proven to have a manufacturing defect where a replacement is needed, the liability of the seller shall under no circumstance exceed the price of the defective door.

**FIRE DOORS SHOULD BE ROUTINELY CHECKED EVERY 6 MONTHS TO THE CRITERIA IN THE CHECKLIST BELOW**

## Conditions of Sale

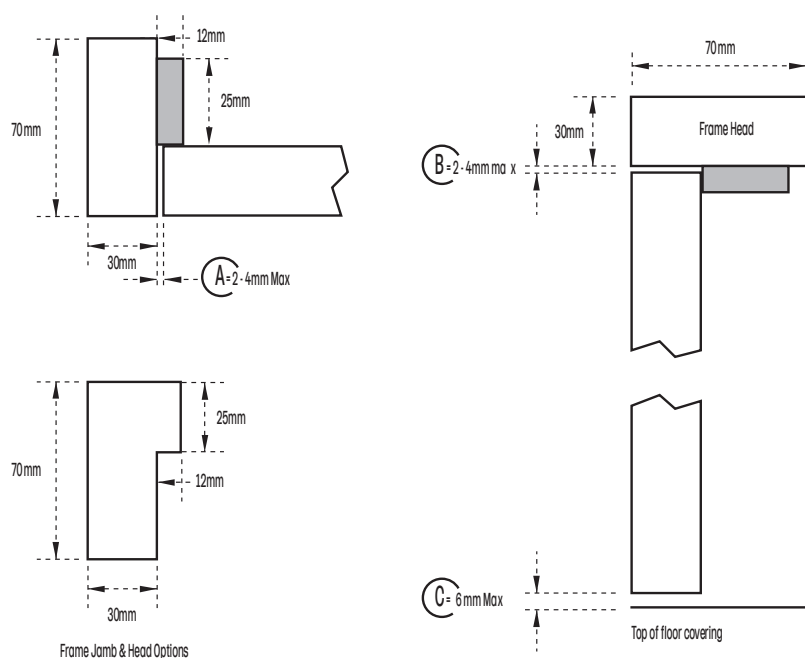
Howdens will not be held responsible for any incidental work or problems as a result of bad storage, handling or incorrect fitting and finishing of our doors. The foregoing does not affect your statutory rights.

**Diagram 1 - Hinge Positions**



**Note:** Door design shown is for illustration purposes only

**Diagram 2 - Minimum Frame Dimensions**



## Fire Door Checklist - complete and give to the client

### CORRECT INSTALLATION CHECKLIST - REFER TO 'ASSESSMENT PAR10899-01' FOR DETAILS

(Certificates available at your local depot)

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Frame to wall gaps / packing / gap sealant  |
| <input type="checkbox"/> | Hinge positions and no missing screws   |
| <input type="checkbox"/> | Door to frame and threshold gaps  |
| <input type="checkbox"/> | Intumescent / smoke seals in position, allow door to shut and fill all gaps (smoke seals) |

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Latches and locks engage / release                                    |
| <input type="checkbox"/> | Closer suitably closes door from any angle                            |
| <input type="checkbox"/> | Appropriate signage fixed to door or frame (e.g. Fire Door Keep Shut) |

Client name:..... Door SKU code: .....

Installed by: ..... Signed: ..... Date:.....