



STANDARD FIRE RATED | FD30

STANDARD PLASTERBOARD LINED FRAMES

Portman can provide both single and double door systems that are certified for use with FD30 door leaves. The Portman FD30 system allows for an approved* single door leaf of up to 2700mm high and 1500mm wide. This unique assembly opens up new opportunities to create innovative designs and room layouts freedom of choice allows once again for a consistent aesthetic with other doors in the vicinity.

Profiled timber door linings come complete with intumescent fire seals and pre-cut and formed plasterboard sections to be wrapped around the sub-frame, all providing exceptional fire integrity.

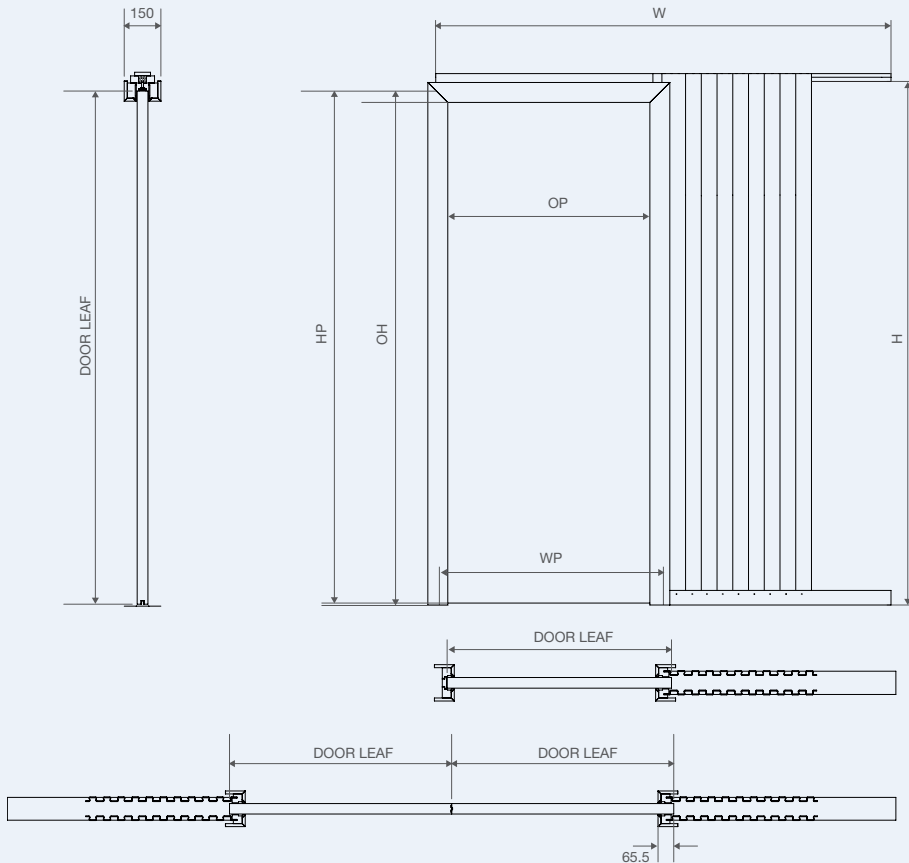
For double doors the FD30 system allows for an approved height of up to 2700mm x 1180mm or 1900mm height x 1500mm width and must incorporate door leaves of a specific construction type to comply with the scope of certification, please see attached assessment or contact the sales office for further information.

SHADOW GAP AND TIMBER LINED FRAMES

For the hardwood timber lined option please add the -SG suffix to the standard part ref. Please see installation guidance for aesthetic details on this kit

For doors over 2400mm high the use of the P5700 reinforcing kit is recommended.

FIRE RATED KITS MUST BE INSTALLED AS PER FITTING INSTRUCTIONS TO COMPLY WITH CERTIFICATION



SINGLE DOOR

(max. door thickness 44mm)

To calculate studwork width and height from known door dimensions:

Studwork width (W) = 2 x Door width (WP) + 20mm
 Studwork height (H) = Door height (HP) + 85mm

To calculate door size from known studwork dimensions:

Door width (WP) = (Studwork width (W) - 20mm) / 2
 Door height (HP) = Studwork height (H) - 85mm

Door size opening dimensions:

Door width (WP) = Door opening width (OP) + 95mm
 Door height (HP) = Door opening height (OH) + 33mm

To calculate door opening width and height from known door dimensions:

Door opening width (OP) = Door width (WP) - 95mm
 Door opening height (OH) = Door height (HP) - 33mm

KITS

Standard height (up to 2100mm)

Standard width door leaf
 PFD30 SD 626–926mm wide
 Intermediate width door leaf
 PFD30 ID 927–1250mm wide

Wide door leaf
 PFD30 WD 1251–1500mm wide

Tall height (up to 2700mm)

Tall door leaf
 PFD30 TD 626–926mm wide
 Tall/Intermediate width door leaf
 PFD30 ITD 927–1250mm wide
 Tall/Wide door leaf
 PFD30 WTD 1251–1500mm wide

DOUBLE DOORS

(max. door thickness 44mm)

To calculate studwork width and height from known door dimensions:

For double doors (W) = 4 x Door width (WP)
 For double doors (H) = Door height (HP) + 85mm

To calculate door size from known studwork dimensions:

For double doors (WP) = (W) / 4
 For double doors (HP) = (H) - 85mm

Door size opening dimensions:

For double doors (WP) = (OP) + 131mm / 2
 For double doors (HP) = (OH) + 33mm

To calculate door opening width and height from known door dimensions:

For double doors (OP) = 2 x (WP) - 131mm
 For double doors (OH) = (HP) - 33mm

KITS

Standard height (up to 2100mm)

Standard width door leaf
 PFD30 DD 626–926mm wide
 Intermediate width door leaf
 PFD30 IDD 927–1058mm wide

Tall height (up to 2700mm)

Tall door leaf
 PFD30 TDD 626–926mm wide
 Intermediate width door leaf
 PFD30 ITDD 927–1058mm wide

For the hardwood timber lined option please add the -SG suffix to the standard part ref

+ COMPATIBLE ACCESSORIES

Architectural flush pulls
 Architectural bathroom set
 Pop out pull handle
 Leading edge pull
 Touch latch
 Catch-n-close damper unit
 Self closer
 Self closer with 24V DC EM hold back
 Self closer with 230V DC EM hold back
 Simultaneous operation kit
 Wall reinforcing kit

□ STANDARD DOOR LEAVES

Flush
 2 Panel shadow gap
 4 Panel recessed
 4 Panel shaker
 Vertical boarded door
 Glazed door

▷ MORE INFORMATION

Website
 Installation instructions
 Installation instructions - SG
 IFC Report

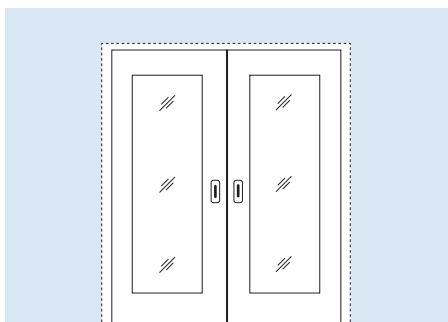


Portman Pocket Doors fire data is sourced, supplied and verified by independent, UKAS-accredited test facilities in accordance with British standard BS476: Part 22: 1987.

The Portman FD30 kit (PHFD30) exceeded the required 36 minute run time (30minutes +20% overrun) during the FD30 fire tests for both doubles and singles.



DURING THE 2023 PRIMARY FIRE TESTING THE RANGE HAD SEVERAL NOTABLE IMPROVEMENTS



Flush pulls can be 60mm from leading edge to flush pull edge for both doubles and singles. Improving from the market norm of 100mm.



PH7045 (Sprung leading edge finger pull) now covered for fire.



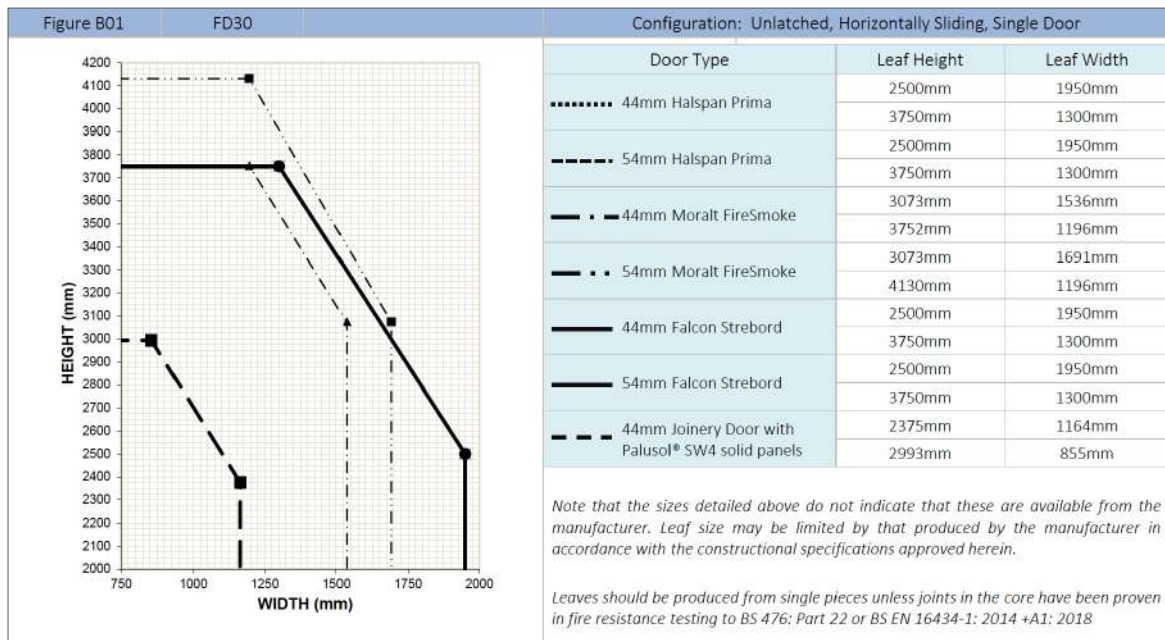
PH7150B – Rectangular flush pull bathroom lock & PH5080B Circular flush pull bathroom lock now covered for fire.



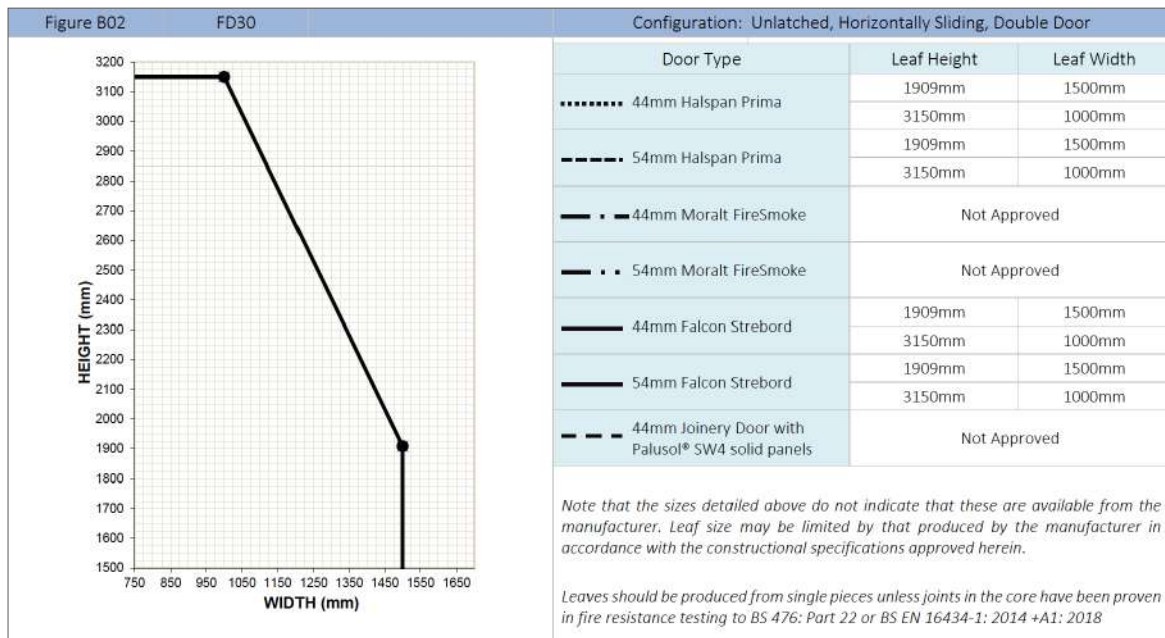
NOTES ON THE USE OF DOOR LEAVES WITHIN FIRE RATED KITS

- Door materials and construction are, in most instances, prescriptive and need to conform to scope of certification
- Any ironmongery needs to conform to scope of certification and in most instances intumescent will be necessary
- Particular attentions needs to be paid in using approved fire rated glass/glazing
- Any decorative door facing details (panel/glazing etc) need to be offset to appear central once installed

Portman PFD30 system is rated for large door sizes, for single up to 2700mm (H) x 1500mm (W) doors.



For doubles up to 2700mm (H) x 1180mm (W) or 1900mm (H) x 1500mm (W) doors.



 FoA REPORT
IFC Report PAR/10790/01
Revision D



FIELD OF APPLICATION – SAFE BY DESIGN

The Portman Field of Application report outlines a lot of information for permissible details with regards to door size, weight, installation, door styles, door finishes, and approved hardware. It is always advised to contact the sale office if you have any specialist requirements to ensure our supplied doors and hardware are compliant.

Prior to manufacture Portman's' Design Team will prepare bespoke technical drawings providing all dimensions and hardware specifications for your proposed fire door, ensuring a well-proportioned door has been designed, whilst also maintaining its full compliance within the Field of Application Report.