

# Veneered & flush door general specification

## Door thickness

Imperial doors: 35mm (1 $\frac{3}{8}$ " )  
or 44mm (1 $\frac{3}{4}$ " ).

Metric doors: 40mm.

Fireshield: 44mm (1 $\frac{3}{4}$ " ).

Firemaster: 54mm (2 $\frac{1}{8}$ " ).

## Glazing

Glazed doors are supplied with glass toughened to the requirements of BS6206 or BSEN12600. All unglazed products are supplied to suit 6mm thick glass.

## Pairs

Single leaf Fireshield doors, swung as single acting square meeting stile arrangements, are approved for fire control applications, providing the required installation criteria and intumescent seals are included.

However, Premdor cannot guarantee matching aesthetics on veneered or Innova pairs. In addition, rebated pairs, or pairs with a double acting hanging action must be ordered specifically. Contact Premdor for more advice.

## Veneers

Veneered doors are manufactured using commercially available veneer cuts and lippings.

As with any natural material, colour and graining does vary and should be expected, according to species.

## Door blanks

Popular door blanks are manufactured using PremCore construction to enable FAST licencees to prepare bespoke size FD30 fire rated doors on a reduced leadtime. The doors are veneered with Gaboon. For details of your regional distributor, please contact Premdor.

## Beading

Paint grade doors are supplied with beads unfinished ready for on site treatment. All other doors are supplied with beads to complement the veneer faces.



## Guarantees

Guaranteed for ten years against manufacturing defects.

Guarantees are subject to the products being treated in accordance with Premdor's instructions for storage, handling, installation, maintenance and use and exclude ironmongery where applicable. Failure to follow these instructions may invalidate your guarantee. This does not affect your statutory rights.

For storage, handling, installation and maintenance information, please see page 60.

## Standard core

Economy core specification, with single lock block at mid height, for light duty applications.

## Fire door core

Flush fire doors feature either a modern, full, three layer, particleboard specification (PremCore), or a traditional framed up solid core. Either is used at Premdor's option, according to material availability and other production factors.

## ExtraCORE

The ExtraCORE option is available in some ranges where extra trimming is required on site, such as with refurbishment situations. Approximately 40mm can be removed from each door stile or rail without affecting the integrity of the door. It is recommended that equal dimensions are removed from opposite edges. For full details please contact Premdor.

Fitting FD30 Glazing System



FD30 Glazing System Fitted



## Fire doors

Premdor fire doors are compliant with British Standards and the BWF Certifire Scheme. See relevant data sheet for more details if required.



■ Fireshield FD30 rated, when hung in appropriate frame with intumescent strips in jambs and head, or top and long edges of the door. Fireshield pairs are factory fitted with appropriate seals to meeting stiles. An additional 15 x 4mm strip is required to the hanging edge or frame jambs and also frame head rebate. Glazed Fireshield doors are supplied with clear (unwired) fire rated glass as standard. Popular fire doors are supplied with clear wired glass.



■ Firemaster FD60 fire rated when hung in appropriate frame with intumescent strips in jambs and head, or top and long edges of door.

Apertures to fire doors must only be added retrospectively by Premdor or by Premdor appointed "FAST" licensed fabricators, operating as members of the BWF/CERTIFIRE scheme. Modifications made outside of this arrangement will invalidate the product certification.



Location and contact details of "FAST" licensees available on request.

Optional Premdor aperture details are shown on page 52.



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Fire Door Certification invalids items installed and assembled wrongly in accordance with BWF/CERTIFIRE instructions and this label is retained unmarked and not removed.



## Glazed flush fire doors

Premdor flush fire doors are compliant with British Standard testing and supported under audit by the BWF/Certifire accreditation scheme. This scope of approval includes apertured designs.

Apertures must not be added retrospectively on site, as to do so will invalidate certification, and may impair performance under fire conditions.

A range of factory fabricated, fully glazed openings are available, as illustrated. These standard designs are typically practical as an addition to most fire doors, although some exclusions do apply.

## Glazing

For FD30 doors, we use an intumescent gasket system which ensures that the glazed area of the door maintains it's integrity in case of fire, and provides a superior finished appearance. Factory glazing is available with either wired or clear fire rated glass options.

FD60 glazed doors incorporate a proprietary glazing system to ensure optimum performance in fire situations. Glazing system used may vary from that illustrated, at our option.

## Building regulations

Flush doors are offered fully compliant with Building Regulations where applicable.



Fire safety: Standard doors are tested against BS476 Part 22 and certified for use meeting Approved Document B.



Mobility: The range includes size options and designs suitable for use under Approved Document M.

Building Regulation Part M dictates the requirements for glazed doors in specific locations. The diagram (below) offers general guidance, but for specific information please check current Building Regulations.



Acoustics: FD30 fire doors have demonstrated a sound reduction value of 30Rw dB, which can assist in meeting the requirements needed for flat entrance systems against Approved Document E.

In all cases doors require to be hung appropriately, in a suitable frame with fitted perimeter seals and compliant hardware.

Scottish and Northern Irish Regulations may also be applicable on a Regional basis and doors are similarly compliant.



## Environmental policy

Doors indicated environmentally third party certified FSC or PEFC.

## Product availability



All items shown tinted (tinted) are normally available ex-stock.

Items shown highlighted are available on a reduced leadtime.

## Ordering

Where indicated, door prices include glass, but exclude ironmongery and frames. Popular and Paint Grade doors supplied will require on site finishing. When ordering always state product codes. All prices exclude VAT. Specifications may vary at our option.

## Trademarks

Popular, Fireshield and Firemaster are all Premdor trademarks. Durador and Innova are Premdor registered trademarks.

Effective visibility requirements for part M mobility doors

