

Installer certification

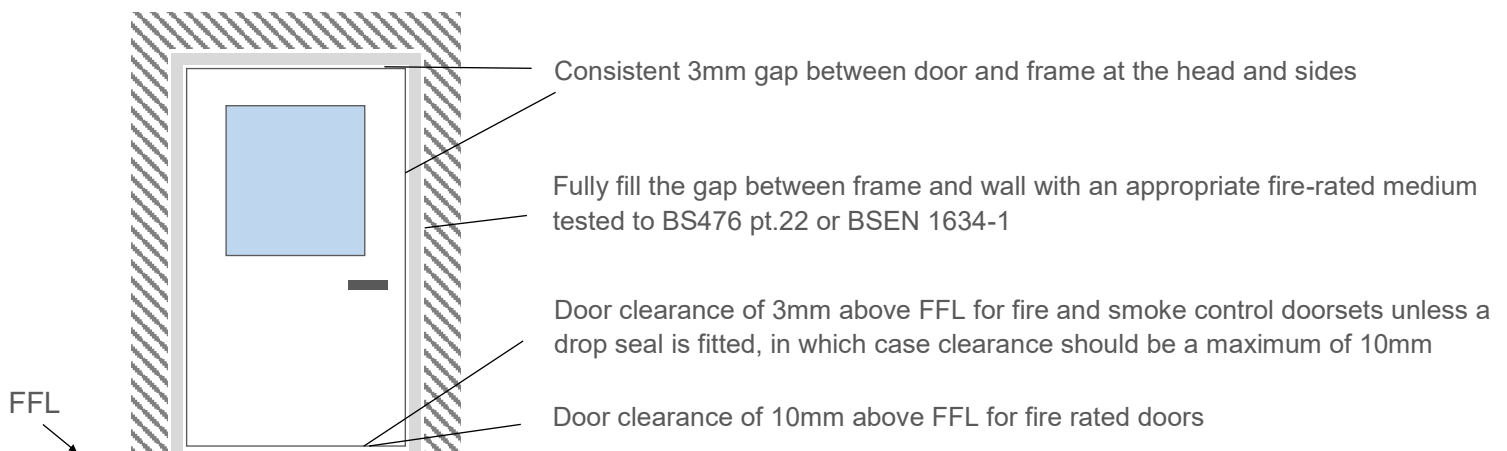
- Installers must be qualified and install under a recognised third party quality assurance scheme
- Evidence of correct installation and of the materials used to install may be required by inspection authorities to ensure the finished installed product is fit for the intended purpose

Site handling and storage

- Care must be taken when loading and unloading to ensure that the doors and frames are not damaged
- Doorsets can be stored on a flat, dry surface or placed on 3 equal-sized and equally spaced bearers
- Please ensure that the storage area is dry and free from any wet trades or moving plant machinery
- The ambient temperature and relative humidity of the storage area should be similar to that where the doors will be installed

Installation

- Check openings are sized as scheduled. If installing into metal stud partition, ensure that containment (timber stud filler) has been fitted to facilitate screw fixings
- Offer the frame to the opening and pack accordingly with non-combustible packers to ensure the frame is plumb and square. Ideally the use of the door as a template to maintain 3mm gaps between door and frame at the head and sides is recommended for frame installations
- Ensure the floor clearance is either 10mm above finished floor level for fire rated doorsets or 3mm above finished floor level for fire and smoke control doorsets. If the leaf has a drop seal fitted then 10mm is the maximum gap for a fire and smoke control doorset. Trimming of the frame legs maybe required if the floor finishes are thicker than expected. Packing the underside of the frame is acceptable and we would recommend the use of packers for this purpose.



- Fix the frame immediately below the packers ensuring pilot holes are drilled first to reduce damage
- Fixings can be concealed by locating them under the door stop
- A minimum of 50mm penetration is required into the masonry or timber stud. When fitting into masonry it is recommended that fixings be a minimum of 25mm from the finished face
- The junction between wall and the door frame should be fully filled with a fire rated medium tested to BS476 pt. 22 or BSEN 1634-1
- Architraves can then be fitted
- Finally fix the door into the frame and check operating gaps of 3mm at the head and sides, 10mm or 3mm at the bottom
- Locate and install any face fixed ironmongery requirements such as handles, closers or signage

Please note:

- The use of non-combustible packers and fully tested frame back filling solutions to test standards BS476 pt 22 and/or BS EN 1634-1 is recommended.
- Installers are advised to follow the guidelines described in the recognised code of practice BS8214
- It is the responsibility of the main contractor to ensure that the doors and doorsets supplied by UK Performance Doorsets Ltd are installed correctly. Faulty installation may compromise the performance.