

Doorpac Quick2Fit Doorset Installation Instructions

Please read all the instructions prior to starting installation.

All fire doors should be fitted in accordance with its fire certification and BS8214:2016

General Delivery & Arrangement Notes



The Doorsets are delivered to site palletised to suit your build program (typically 6 to 7 Doorsets per pallet).

Once the Doorsets are loaded out, they can then be handled by a single Joiner.



To help secure and protect the Doorset during transit, each unit is covered in bubble wrap and braced.

Unlike most Doorsets on the market, our Quick2Fit system comes with the fixing brackets pre-fitted to save time onsite



Doorsets are palletised "head to toe" so that pre-fitted ironmongery is not damaged during transit.



Each Doorset is clearly labelled so that the Joiner can quickly identify its correct location.

When moving doorsets on site care must be taken to ensure the door leaf is adequately supported in its frame to prevent damage to the locking mechanism or the leaf itself. Transportation bracing should only be removed once the doorset is in place and ready for installation. Please see our separate guide for handling doorsets on site.

The structural opening into which the Doorpac fire resistant FD30 or FD60 doorset is to be fitted must be suitable for the application & robust in its construction in order to achieve a secure installation for the doorset throughout its lifetime. Please refer to Certifire certificates CF5228 (FD30) & CF5229 (FD60) for more information with regards to the supporting construction and installation.

Please note: Doorset fixing screws must be steel, must suit the opening structure and must securely penetrate the opening structure to a minimum of 50mm depth.

Prior to fitting the doorset the distance between the bottom of the door and the end of the frame jambs should be checked to ensure that when the doorset is installed the correct gap is achieved between the bottom of the door and the top of the finished floor level. For fire doors with smoke control this gap should be no more than 3mm if a drop down seal isn't fitted. Where a dropdown seal is fitted or the door is a fire door without smoke control the maximum gap permitted is 7mm. The frame jamb length should be adjusted to ensure the correct gap is achieved. If the floor level under the jambs is not level it may be necessary to pack under the jambs so that the doorset is level once installed. If packing is required, the maximum threshold gaps given above cannot be exceeded.

Stage One – Pull Side Fixing

To maintain fire, smoke & acoustic certification a 3 to 4mm gap between the door and frame is required.
We recommend maintaining a 3mm gap during installation to give an allowance for future movement



Before placing the Doorset into the opening check that the frame size compliments the opening size.



The Doorset should comfortably fit flush into the structural opening.

Check the floor is level & if the jambs need lifting ensure they are securely packed underneath to avoid them dropping in the future.
NB The maximum threshold gap for Fire and/or smoke must not be exceeded



Before the transit braces are removed, the Joiner should loosely secure the Doorset into the opening.



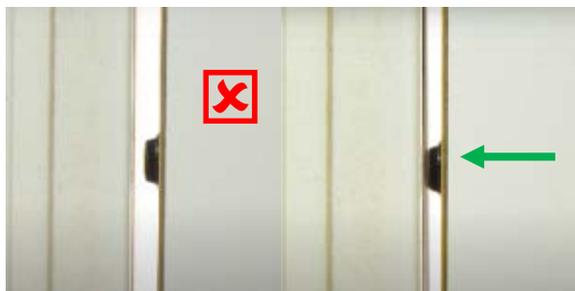
The 8nr adjustable fixing brackets allow the Joiner to alter the fitting position of the Doorset to take into account uneven finishes and sizing issues within 5mm



Once loosely secured into the opening, the transit braces and bubble wrap can be removed.



Adjust the position of the Doorset to ensure the hinge jamb is level in each plane and then tighten the fixing brackets along the hinge side jamb, packing underneath the brackets if required.



To retain fire, smoke and acoustic certification, as well as providing for future movement install to a 3mm gap.

Use a 3mm Packer to check the gap (Silverline 633499 packers are a good choice (always calibrate your packers before using)



The Joiner using a wedge can easily adjust the gap between the door and frame to achieve a 3mm gap.

It is Critical the GAP of the Lining above the top hinge is 3mm & NO SMALLER - otherwise it increases the gap on the Latch Jamb side!!



Once the Quick2Fit pads are touching the frame, the fixing brackets on the latch jamb can be secured, whilst ensuring the Doorset is level in each plane and the 3mm gap is maintained. Pack underneath the brackets if required.



Once all the fixing brackets are secured, double check the Doorset is level in each plane and the 3mm gap has been maintained. Adjust if required.

If required pack underneath Latch jamb to prevent dropping in the future.

Stage Two – Push Side Fixing



From the push side, the Joiner can quickly locate the frame's primary fixing points, which are pre-machined within the door stop channel.

Insert and loosely fit the frame fixings

NOTE: Avoid over/under screwing and over packing as this can twist the frame or make it uneven.



Depending on site conditions additional fixings maybe required.

If it's a fire door, the gap between the frame and structural opening will require sealing at this point, in accordance with BS8214-2016



Once removed, the pre-cut door stops can be quickly fitted into the stop channel within the frame. The joiner can then fix the door stops in place, hiding the frame fixings.



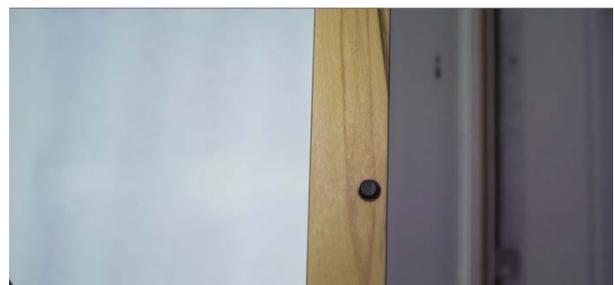
Insert solid packers between the frame and the wall at the fixing points. Note; the packers should be the same width as the frame section less allowance for appropriate fire stopping. This will avoid the frame distorting.

Tighten the fixings along the hinge jamb.

It's possible that the frame fixings will move the frame out of position. If this occurs, further adjustment will be required to ensure the 3mm gap is maintained.



To secure the frames during transit and installation, the Doorsets are fitted with removable transit stops



Having achieved the correct 3mm gap between the door and frame, the Quick2Fit pads can now be removed.



Machined into the edge of the frame is the groove for the adjustable architrave.



Architraves are provided loose, pre-sized, mitred and machined for Hoffman fittings, for the rapid installation without further cutting.



The Hoffmann fittings provided allow the joiner to effortlessly assemble the architrave sets, whilst providing a very tight mitred joint.



Once assembled the architrave set can be fitted into the architrave groove in the frame and pinned in place along the jambs.

Following installation of the Doorset

Once the doorset has been installed any seals, door closer and door stops can be fitted.

Please see our separate guide on intumescent, smoke and acoustic seals to ensure the correct seals are fitted in the correct location.

Prior to fitting the door closer please ensure the fixing screws provided are suitable for the materials the closer is being fitted to. Additional packing may also be required within the structural opening to provide a secure fixing point for the closer.

Once the floor finishes have been installed then any floor threshold can be fitted if required and/or the drop down threshold adjusted.

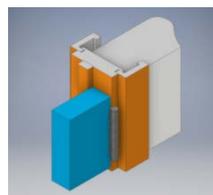
Please note, some movement within timber door leaves may occur after installation.

Unfinished doorsets should be painted immediately after installation using a good quality paint system in accordance with the paint manufacturer's instructions. Do NOT paint over or damage the labels affixed to the head of the door leaf as this will invalidate the doorset certification.

Further information is contained in the Operating and Maintenance Manual.

- ✓ Quick2 Fit Doorsets can typically be installed in less than 20mins
- ✓ Proven to reduce onsite labour times
- ✓ Proven to improve product infirmity and finished quality

For more information or assistance call us on
0114 256 1615



Watch Our Installation Video @
www.doorpac.co.uk OR
YouTube