

INSTALLATION GUIDE – FD30 FIRE DOOR

Ref. No. FPL 002

Read this guide thoroughly before proceeding with any installation activities. Read all warnings and cautionary notes for your safety

Thank you for choosing Future Products LTD

For any questions or queries contact our customer services team on 01623 635171.

Before You Start

Your new Future Products FD30 fire door is very heavy, so plan the installation carefully and seek help for any lifting you plan on doing. These doors typically weigh in at over 60Kgs each.

Once received, please remove all packaging and protective tape and check the door is in perfect condition. Before you remove your existing door, check that the new one is correct as per your order specifications as once the door is fitted we cannot offer any returns, alterations or compensation.

When it comes to removing your existing door, take extra care not to damage the existing brickwork and plaster when removing the frame as this will result in having to carry out more work. Once the door and the frame are removed, clean off the excess silicon and mastic paste so you have a completely fresh reveal.

Things to Consider

Wall Type:	The Door Set must only be installed in walls with at least 30-minute fire resistance. Walls should be brick, block, timber or steel stud in construction, and be a minimum of 85mm thick
Certification:	Check that the door Set is supplied with a certification reference is situated on the top of the door leaf. This shows that the door set is a third-party certified product. Under no circumstances should you remove this reference.
Compatibility:	Do not change any of the ironmongery supplied. This includes locks, latches, hinges etc.
Alterations:	The alteration of this product is not permitted, and will invalidate any certification and warranty provided.
Gaps:	The door set is designed to operate with a gap no greater than 5mm and no less than 3mm.
Operation:	Check the closing times once installed. It is recommended not to set a closing speed of less than 6 seconds.

Fitting The Door

- Place your new door into the opening and check the bottom is level.
- WITH HELP, open the door whilst holding the door in position. There should NOT be a gap greater than 10mm (overall) between door frame and brickwork.
- Drill down through the frame into the brickwork approx. 80mm (8cm) in from each side and secure using suitable frame anchors and bolts.
 - If a cill is in place, drill right through the cill into the brickwork. ALWAYS check the door remains level and make adjustments as and when needed.
- Drill and secure the hinged side to the opening using the frame anchors and bolts. 150mm from corners and between hinges. Ensure the jambs are plumb in both planes before proceeding.
- Drill and secure the lock side to the opening using the frame anchors and bolts. 150mm from corners and between each keep. **REMEMBER TO AVOID DRILLING INTO MORTAR.**
- Close the door and ensure it shuts parallel to the frame.

When closing the door, neither the bottom nor the top should seal to the frame first. If this does happen, adjust the lock side of the frame to guarantee even closing.

- Seal around the perimeter using an intumescent sealant (internal face).
- Any face fixed hardware, such as numerals can be fitted without effecting the fire performance of this product.

Door Furniture

The door set will be supplied with a vac-pack, which contains cylinder, numerals, handles, closer and intumescent sealant.

To fit the door handles, locate the spindle through the square hole in the lock. Align the handle pins in the internal half of the handle with the pre-drilled holes in the door sash. Using the handle screws provided screw the handle screws into the external handle half, checking alignment and function. Do Not over tighten the handles, as this may lead to operational problems or component failure.

Numerals should be positioned in the desired location on the door sash, as not to interfere with operation. The holes in the numerals should be used as a template for fixing. It is recommended that you drill a pilot hole and use the screws provided in the Vac-Pack.

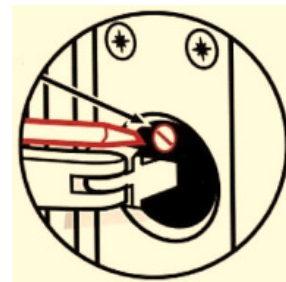
Door Closer

The door set will be supplied with either a face mounted closer or an integral the door closer dependant on your order details. The face mounted closer includes a template for positioning. However, the integral door closer will have any prep-work carried out in the factory. You will be required to install the closer into the prep once the door set has been installed into the property. This will ease installation and allow you to set up the closing speed more easily.

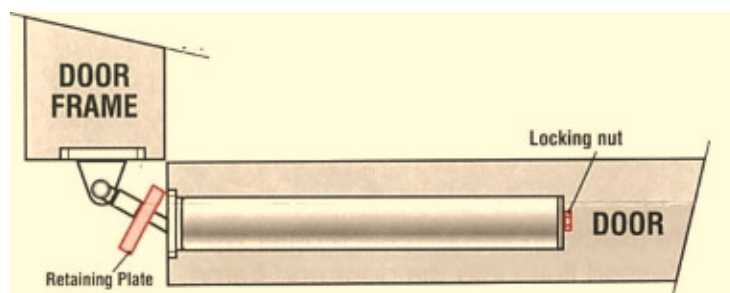
Ensure the frame is set into the opening plumb, and that the gap around the door sash and frame is equal. Do not rely on the wall/ brickwork, as the closers performance will be adversely affected if the door is not squarely installed.

Adjusting the closing speed

The closer is supplied set to latch on the first time of opening. This will allow the installer to secure the door set into the opening. Once the door has been secured you will be required to set the closing speed. The closing speed adjustment pin is located inside the body of the closer. Open the door to 90° and turn the adjuster with a small flat head screw Driver to increase/ decrease the speed. It is recommended not to set A speed of less than 6 seconds.



To safely hold the door in an open position where it is possible to fix the closer in place. The closer is supplied with a retaining plate. Care should be taken when inserting the closer to ensure the plate is accessible, but at no risk of being knocked off, as the force of the spring in the closer may cause injury.



Remove the retaining plate. Ensure that it is kept in a safe place in case it is necessary to remove the closer from the door at any time in the future.



Installing the closer the wrong way will result in failure and is not covered by the manufactures warranty or guarantee.