

# FITTING INSTRUCTIONS

## DOUBLE COMMUNAL INTERNAL DOORSET



**CAUTION SAFETY NOTE:** This product needs to be installed by a competent trades-person with assistance. Two people are required to carry out the installation, as some components are heavy. The outer frame requires fixing to the supporting structure above the opening. The opening **MUST** be capable of carrying the load of the doorset in all conditions.

**PLEASE NOTE:** Prior to installing this doorset, inspect for damage and do not proceed to fit if any damage or defect is evident. This doorset should be stored in a dry flat location before installation.

**Note** – All the parts you need are included in the pack. Check for any defects or missing items before you start to assemble.

### TOOLS REQUIRED:

Tape measure, spirit level, screwdriver, drill, saw and mallet.

### PRE-INSTALL CHECK

- Measure the width and height of the opening. It should be a minimum of 10mm wider and 5mm higher than the overall doorset size.
- Before you start the fitting, ensure the floor is level.

### INSTALLING THE DOORSET

1. The overall size of the head should equal the width of the two doors and thickness of the two jambs, plus 9mm. That's 3, 3mm gaps.
2. Find a large clear space to work in, then lay the frame components out on the floor. Sit the jambs into the half lap joint of the head and be sure the frames are the correct orientation.
3. Insert the top of the jamb into the rebated half-lap in the head, making sure they are tight with no gaps.
4. Set two holes 10-15mm away from each edge and pre-drill two fixing holes from the top, through the frame head, into the frame jamb and attach the components together using a minimum of 38mm screws. Repeat for the 2nd jamb.
5. Double check the overall frame size. This should equal the width of the two doors plus 9mm and the thickness of the two jambs.
6. Carefully lift the frame into the opening. You will need assistance with this.
7. Centralise the frame in the opening using wedges and packers to ensure the frame is plumb, level and square. In the door stop groove, mark out and pre-drill at least four fixing holes on the jamb, starting 100mm from the top, then every 600mm maximum.
8. Depending on product size, the head may require extra fixing points centrally to prevent any dropping of the head in the middle.
9. Focusing on one jamb, screw through the pre-drilled fixing holes, ensuring the screw penetrates the surrounding structure by at least 50mm. Pack the frame from behind the fixings to prevent any distortion.

## INSTALLING THE DOORSET Continued...

10. Double check the frame head is level and the second jamb is plumb, then take the internal measurements at the top and bottom. This should be the size of your two doors plus 9mm.
11. Then repeat for the 2nd jamb. Checking everything is level, plumb and square again afterwards.
12. Place the 1st door to the framing, locating the pre-installed hinge into the pre-machined hinge pocket on the door.
13. Insert all the hinge screw fixings to the 1st door.
14. Do the same for the 2nd door.
15. Once both doors are fitted check the gaps and intumescent strips are located correctly and the gap between the two doors is 3mm.
16. If this gap isn't accurate, use best judgement to assess which door may not be correct. The door may have to be removed so the frame can be adjusted in or out to level up the centre gap.

## INSTALL THE DOORSTOP

17. Now fit the doorstops provided.
18. Starting with the head stop, locate the component into the groove, ensuring a close fit up to the face of the doors, then fix in place.
19. The doorstops are dual-sided for either 35mm or 44mm doors and can be glued, pinned or screwed into place.
20. Cut the doorstop to length from the bottom, ensuring a tight fit with the head and floor level of the doorset. Locate the stop into the jamb groove, again ensuring a close fit to the door face and fix it in place. Repeat the process for the last stop.
21. Apply the linear gap sealing as per the BS8214 regulations or in-line with the certification document.

## INSTALL THE ARCHITRAVE

22. Unwrap the architrave and lay out ready for assembly.
23. Using the plastic jointing widget and pre-machined grooves, locate and join the mitred corners together, then tap down so they sit flush.
24. Place the assembled architrave up to the fitted frame and insert into the pre-machined architrave groove.
25. Tap into place and fix with pins, screws or glue.

## INSTALL THE HARDWARE

26. Fit the handles, door closers and any other desired ironmongery.

### POST-INSTALLATION CHECK

Once the doorset has been securely fixed it should be checked for operation by opening and closing the door ensuring that it does not hit the frame at any point. It should be possible to secure the door by the latch with only a light pressure. If the operation is not smooth then the fixings should be loosened and the frame adjusted re-secured and checked once more.

**IMPORTANT: Any gaps between the frame and the wall must be filled using rockwool or another inert material.**



For video instructions, scan the QR code