



TROVEX<sup>®</sup> Hygi**door**  
Installation Guide

>leading the way in hygienic innovation

Ver: 4.8

## **Installing your new HYGIDOOR**

Your Hygidoor will be straightforward and easy to fit if you follow the guidelines below. This will also ensure that the installation will comply with Fire Regulations.

### **IMPORTANT...HANDLING AND STORAGE**

#### **On receipt of materials from supplier/distributor:**

Store Hygidoor leaves horizontally on 3 or more equally spaced bearers. For multiple pack storage ensure that bearers are aligned. Do not stack doors above 10 high.

### **KEEP HYGIDOOR OFF THE FLOOR/GROUND**

Storage conditions prior to fabrication should be as close to the environmental conditions of the final installation as possible. Ideally these should be within the following parameters – 40% to 65% RH and 13°C to 21°C.

Hygidoor should be allowed to acclimatise for 1-2 days prior to installation.

Hygidoor should not be exposed to external conditions such as rain, excessive moisture or intense sunlight.

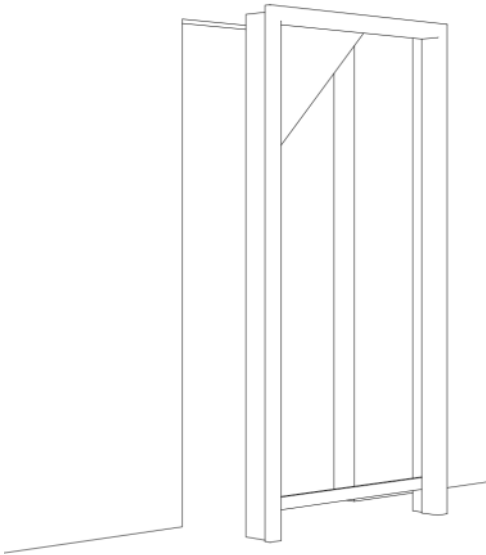
The storage area should be well ventilated.

Avoid Hygidoor coming into contact with corrosive or staining materials.

Important: There should be no alterations of any nature carried out to the Hygidoor product. Trovex will not accept any responsibility for any alterations to this product.

## To Install Trovex Hygidoor

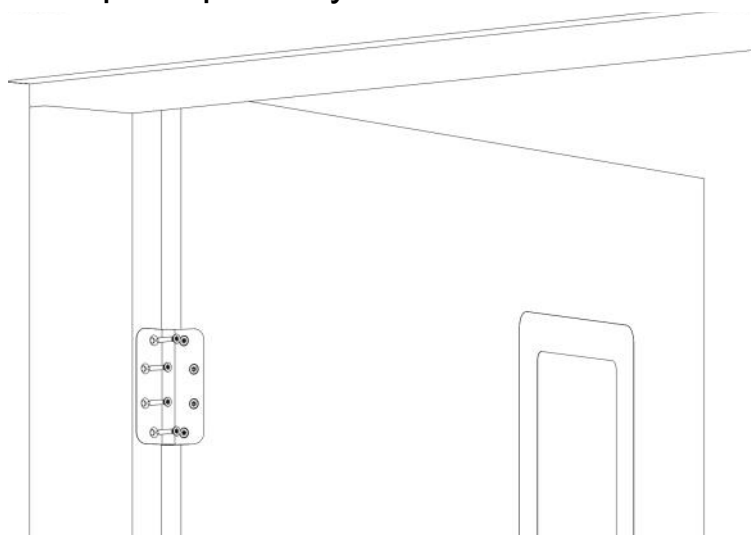
1. Unpack the door and frame, and check you have all the necessary components to complete the installation. Do not remove the bracing supplied fixed to the frame.
2. The wall construction (stud partition/brickwork/blockwork/concrete) must be capable of supporting the frame and door assembly.
3. Insert the frame into the structural opening and push the architrave detail up to the wall finish.



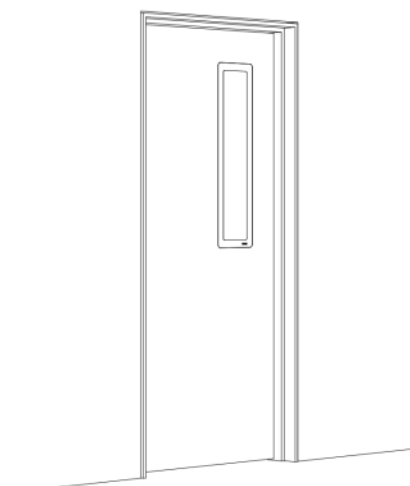
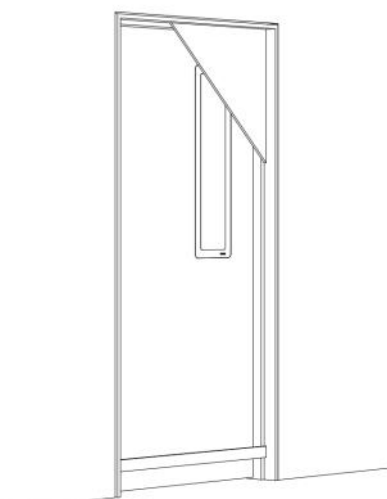
4. Pack the door frame away from the structural opening as necessary, to ensure that the frame is straight, vertical and square.
5. Determine the final position of the doorstop before fixing the frame, to ensure that all fixings will be positioned so that they will be covered by the doorstop when completed.
6. Fix the frame into the opening with appropriate fixings, (4no. 5.0x100mm steel screws per jamb for standard 2100mm high opening). Spacing of fixings: Maximum 150mm from ends of each jamb and at maximum 600mm centres. Take care to maintain the frame straight vertical and square.

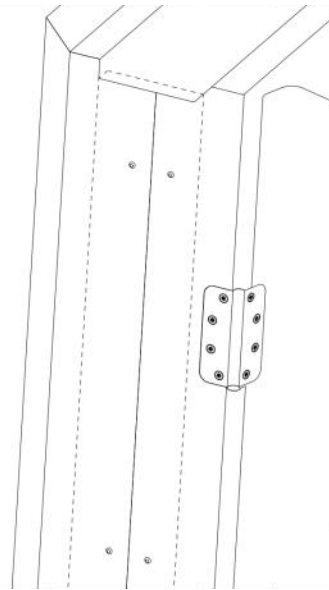
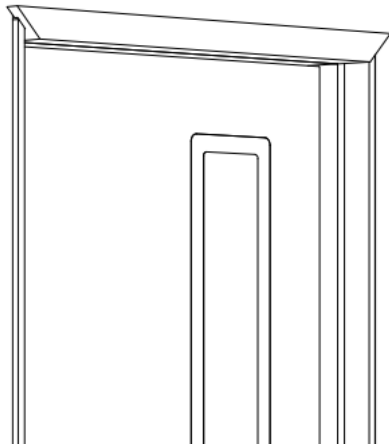
7. Hang the door by lifting it into position (at 90° to the frame) and locate the hinges into the precut rebates on the frame. (It may be necessary to place the door leaf on a packer to achieve the correct height and alignment of the hinges)
8. Check the door is hanging correctly and that the frame does not flex or move when the door is opened and closed. Use additional fixings as necessary to fully secure the frame. **The gaps around the frame should be no larger than 5mm. Gaps around the door leaves should not exceed 4mm.**
9. Using the expanding foam provided, fill the gap between the door and the frame. Trovex does not accept responsibly for the use of other products.

**Trovex supplied foam is backed up by test evidence- the use of any other foams should only be used where clear and suitable test evidence is obtained and has been submitted to Trovex for approval prior to installation.**

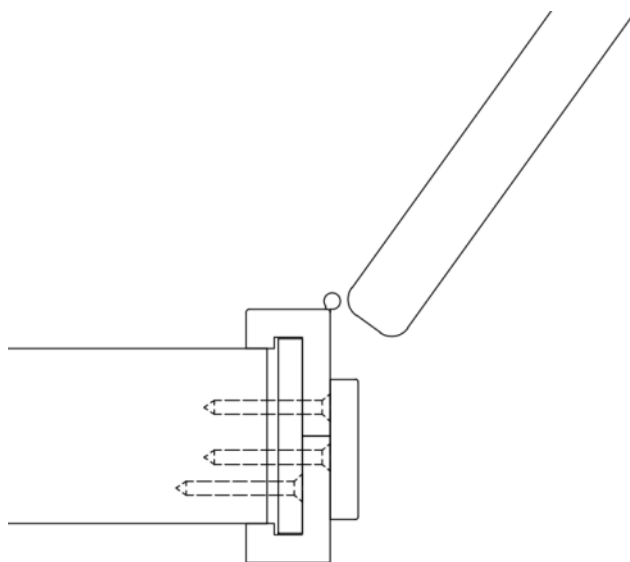
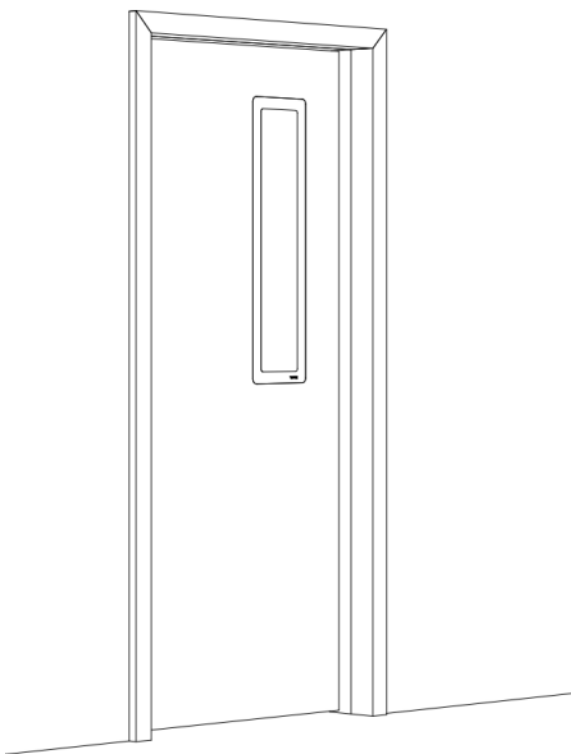


10. Remove the bracing from the top corner and across the bottom of the frame.

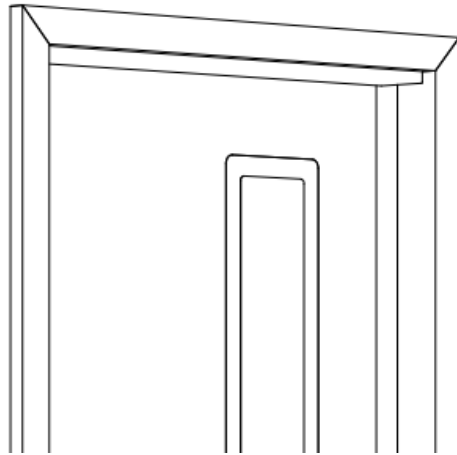




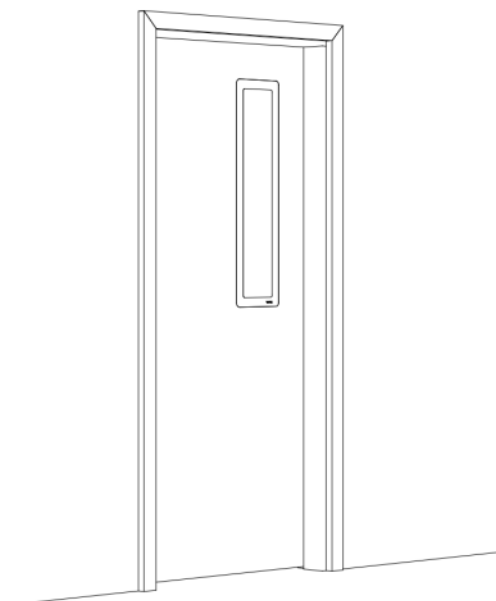
11. Fix the architrave head section to the other side of the frame using a bead of PU Gel adhesive (supplied with the doorsets) applied to the internal corners of the architrave, and 45mm screws (supplied) in positions that will be covered by the doorstop (dashed area shown).
12. Fix the right and left vertical architrave sections in the same way as the head, ensuring the fixings will be covered by the doorstop.



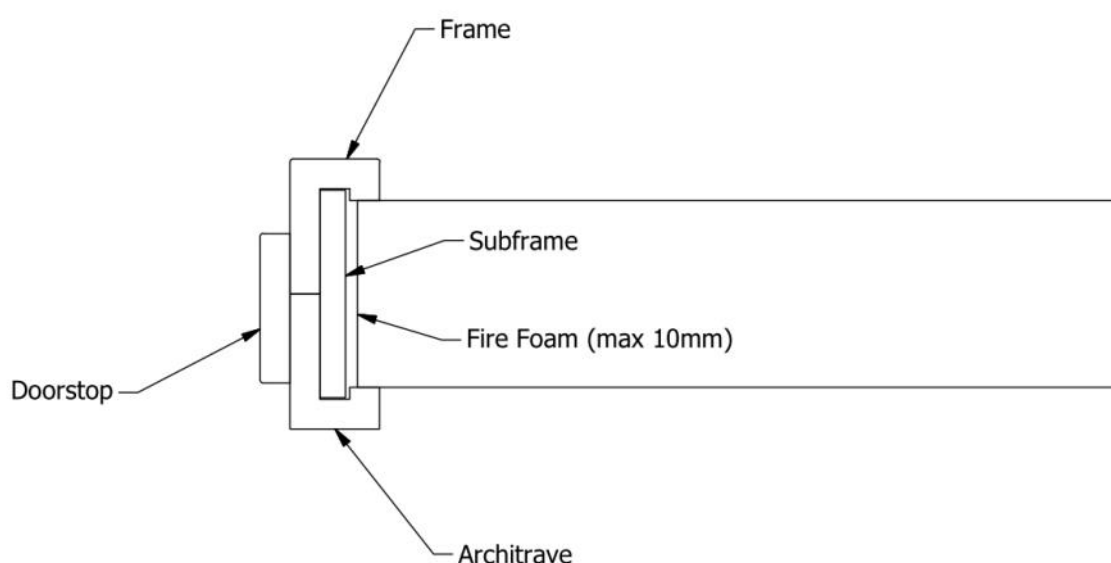
13. Peel back any protective film from the area covered by the doorstop, and fit the ply/MDF doorstop head, using 45mm screws (supplied) leaving a 2mm gap between the doorstop and the door leaf for the PVC doorstop cover.



14. Fit the PVC doorstop cover to the doorstop head section with Trovex Bond PU. Apply adhesive to the inside of the doorstop cover, and gently push it over the doorstop ply/MDF core
15. Peel back any protective film from the area covered by the vertical doorstop, and fit the ply/MDF doorstop vertical sections, using 45mm screws (supplied) leaving a 2mm gap between the doorstop and the door leaf for the PVC doorstop cover.



16. Fit the PVC doorstop covers to the doorstop vertical sections with Trovex Bond PU. Apply adhesive to the inside of the doorstop cover, and gently push it over the doorstop ply, making sure that these covers are pushed up to the doorstop head.
17. Remove any protective film from the edges of the doorstop covers, and apply a small bead of colour-matched silicone sealant (supplied) around the doorstop covers.
18. Remove any protective film from the edges of the architrave around the outside of the frame, and apply a small bead of silicone sealant between the frame and the wall finish (it is advisable to use a colour that matches the wall finish.)
19. Fit door hardware to the door leaf as per hardware manufacturer's instructions.
20. Remove any remaining protective film from the door and frame at the completion of the project.



# Door Q-Mark Guide (for doors with Q-Marks only)

## Fire Door Plugging Details- Outer Colours:

- Yellow Outer: 30 minute fire integrity period (FD 30). Used for either partial or complete doorsets.
- Blue Outer: 60 minute fire integrity period (FD 60). Used for either partial or complete doorsets.

## Fire Door Plugging Details- Inner (tree) Colours

- Red: Will be fitted when the door is not finished. Intumescent strips and hardware can be left off.
- Green: Will be fitted when all intumescent strips are installed, however hardware can still be installed later.
- Orange: Will be fitted to a door only when glazing is installed. Used in addition to one of the above plugs.
- Silver: Will be installed when a complete doorset is to be delivered to site. Will only be used if the install only requires simple tools such as a screwdriver. If door contains glazing, it must still have the above orange plug.
- Gold: Door installed by Q Mark qualified installer only. This will not be fitted at the factory. Installer to drill hole and insert plug adjacent to Trovex factory plugs.

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