



Thank you for purchasing our products

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### W4 Room Divider Set

Please read the instructions carefully before commencing installation.

Check all parts against the Parts List. If any parts are missing or broken please ask the supplier to contact us at LPD and we will provide the replacement components (subject to availability).

Door Frame Size: 2031 mm High x 1246mm wide (External dimensions)

#### **Important: Finishing of Frames and Doors**

When you have checked all the component parts it is essential to coat all faces and edges of the frames and doors using a good quality sealer before installation. ***This is to seal and protect the products from moisture ingress.***

At least 3 topcoats will be necessary, on top of the sealer coat, to adequately seal and protect the wood. As this is a timber based product, if the doors and frames are not properly sealed, prior to installation, then there is a risk of shrinkage, warping, twisting and splitting of the frame and doors. We would not guarantee against this. Water based stains, paints or varnish are not recommended.

#### **Brick Wall Installation:**

The W4 Frame can be fitted into a Brick Wall, which should first be lined with polythene in between the brickwork and the frame.

#### **Stud Wall Installation:**

The W4 Frame can also be fitted onto a stud wall (plasterboard faced) but the opening will first need to be lined with wood onto which the frame can be fixed.

The frame width is 133mm. If the wall is thinner than 133mm the frame width can be reduced.

#### **Installing the W4 Frame direct onto the Sub Floor:**

The frame Jamb and mullions have been supplied at the correct length to fit directly onto the Sub - floor, without having to adjust the size of the doors, or frame.

If installed like this, directly onto the sub floor, when the doors are fitted there will be a clearance underneath the doors of 12mm for the floor covering. If the floor covering is thicker than 12mm then the centre pair of doors will need to be trimmed to fit. The 2 pieces; of doorstep (D2) and the T stop (E) will also require trimming.

***We recommend installation onto the sub floor.***

If required the doors can be trimmed in the height and width by up to 10mm each side = maximum 20mm (trim evenly 10mm top and 10mm bottom or 10mm each side).



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Installing the W4 Frame onto Floor Coverings (Wood, Laminate):

If the installation is onto a floor covering the Jambs will be too long and will need trimming. In this case the Important Dimension (2 x centre doors) is the Height from the floor covering to the underside of the frame headpiece, which must be 1987mm (The door height is 1981mm with an allowance of +3mm clearance top and bottom, total 1987mm opening). The 2 pieces of doorstop (D2) and the T stop (E) will also require trimming.

If required the doors can be trimmed in the height and width by up to 10mm each side = maximum 20mm (trim evenly 10mm top and 10mm bottom or 10mm each side).

The Frame: *Each screw should be slightly countersunk beneath the surface of the frame.*

First set out on the floor all the frame components as shown on the drawing and assemble flat on the floor as follows:

Take the lining head B, jambs C1 and C2.

Using 2 x 3" number 10 gauge wood screws, screw through the head into the Jambs, to assemble the frame ENSURING THE EDGES OF THE HEAD AND JAMBS ARE LEVEL.

If additional strength is required, apply wood glue into the rebate where the jamb fits at the head, before screwing the frame together.

Installing the Frame

Lift the assembled frame and place into the aperture (best with 2 people). The front edge of the frame should be flush and level with the wall on the side the doors will open into the room.

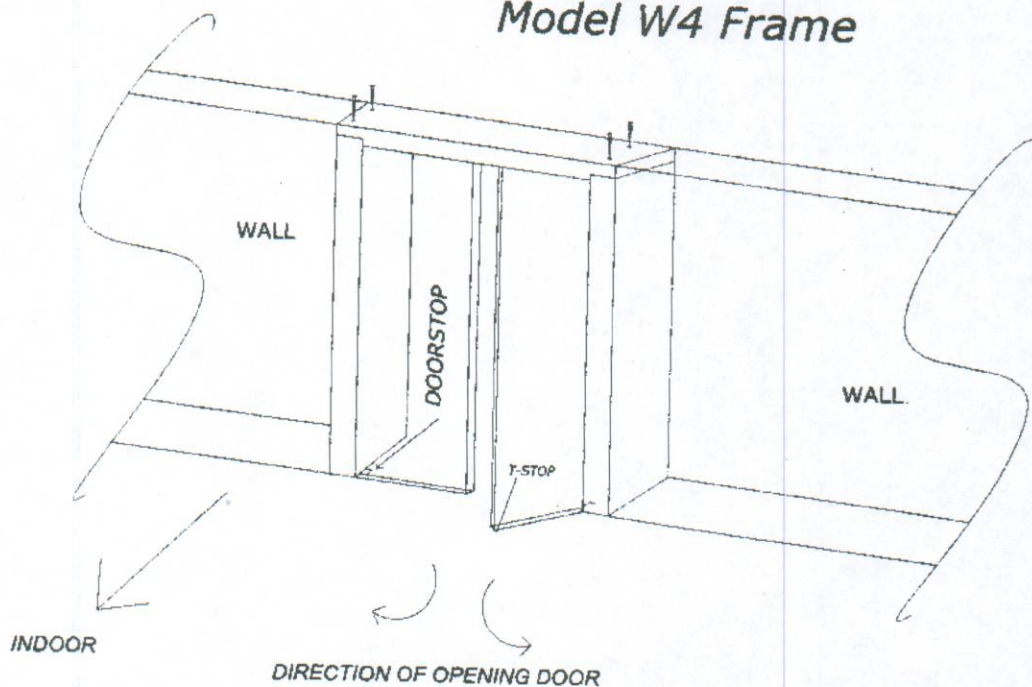
*It is critical to the success of the installation that when fixing the jambs to the wall that they are vertical and the top lining head is level. It may be necessary to use small packing pieces to achieve this. Any small gaps between the frame and the wall can be covered by architrave. (Not included, ask your supplier about LPD architrave and skirting).*

Check the frame is square and plumb in the opening before fixing.

*It is very important to check the width, between the Jambs C1 and C2 at the TOP and BOTTOM of the frame measures 1176mm (inside measurement)*

It is recommended to use 4 x 4" number 8 gauge screws through each of the 2 jambs into the wall. Screw into the centre of each jamb. Each screw should be slightly countersunk beneath the surface of the frame.

Model W4 Frame





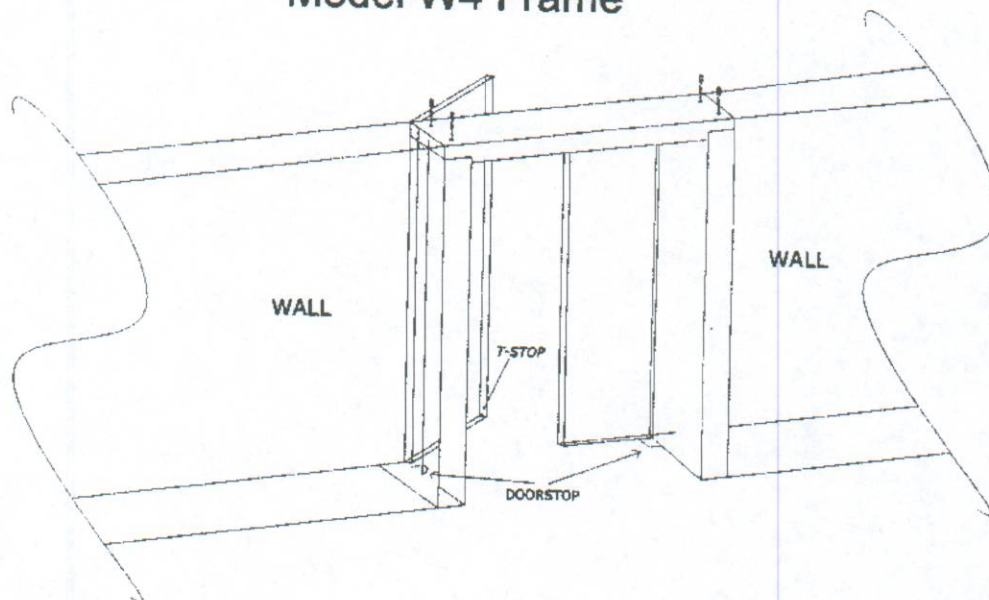
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Installation of the 2 x Centre Doors:

*Before fitting the doors please ensure the doors face in the same direction with the bevel glass facing the same side.*

It is quite normal with the Centre door pair to have a door that remains closed and one, which is the main, regular use, opening door. Chose at this stage which one will open regularly and attach the T stop (E) provided to the side edge of this door. It is recommended to use wood glue and screw the T stop to the door at 300mm spaces between each screw down the edge using 1" number 8 gauge screws. (*The T should be facing into the room in the direction the door opens*).

### Model W4 Frame



Use 3 good quality hinges (not provided) to hang each door, leaving a 3mm clearance between the top of the door and the underside of the frame Head B.

*We have designed the width of the pair of doors to have a 3mm gap at the jambs for fitting of hinges and a 2mm gap between the pair in the centre for opening and closing.*

Handy Hint: on the centre door, which will remain closed, you may wish to use a concealed flush bolt into the edge of the door instead of a face fitting bolt. This looks better in our opinion.

#### Door Stops:

The doorstops have been pre mitred and can be screwed or nailed using 1" panel pins onto the Head and Jambs, when the doors are in the closed position (it is recommended to pilot the holes prior to nailing or screwing due to hardness of timber). The doorstop should be touching the doors down the complete length of the stop.

It is now only necessary to fit the handles and locks of your choice (not supplied) and to fit Architrave around BOTH sides of the frame (not supplied).

***For a professional finish why not ask your stockist about LPD Architrave and Skirting boards which will provide a beautiful finish to your New Room Divider Installation***