

INSPIRE Installation Techniques

Standard installation L Frame

Outside Mount, 4 sides (this method can also be used for Hang Strip outside mount)

Tools and Materials required

- Cordless Drill
- Tape Measure / Laser Measurer
- Box Knife
- P2 Phillips screw tip, 100mm long
- #6 countersink drill bit
- Spirit Level

Before Beginning

- Check the order form to ensure you have all the part required for the type of installation you are undertaking. This should be checked off before leaving the factory and whilst loading
- Place all required tools and hardware within easy reach, this is where the tool belt option is handy
- Make sure the 'item #packing labels match, if multiple panels will be used. This application will have the frames wrapped separately and each panel wrapped with Item#.

Process

1. Using the box knife, carefully open the wrapped parts, remove the panels and frames requested and from the parts box get the hardware required
2. Stand the panels in the correct order, making sure they are the right way up, and all match up correctly.
3. The framing pieces will be assembled first, they will be marked Top, Bottom, Left and Right. Position all the frame on the floor, face up
4. The mitres are joined using Hoffman keys. Place the Hoffman key onto a hard surface (a piece of ply or timber kept specifically for the purpose is recommended, to prevent damage to the floor and to make sure the keys finishes flush with the back of the frame) with the rounded end of the key facing up. Push each half of the mitre onto the key, until the mitre joins neatly and flush. Repeat this for each corner
5. Pre- drill holes into the frame at the tops/bottom of each side frame and at the centre of the top and bottom frame. (if more than 2 panels predrill at the closing points of each panel)
6. If the opening requires a T-Post, identify the top of the post and position loosely within. Place all the panels within the frame in their correct order, and insert the hinge pins
7. Square up the frame so that all hinge and clearance gaps are even, and adjust the position of the T-Post using the screws provided. Your frame should now be fully assembled.
8. Remove the hinge pins and panels from the frame. (For small openings, they can be left in if it can be handled easily.)
9. Position the frame evenly around the window opening. Insert a screw into the pre-drilled hole at the top of the left-hand frame. Keeping the top frame level, insert a screw into the pre-drilled at the top right-hand frame. A spirit level can be used to level the top frame if required, but if the architraves are present the frame will usually run flush with the top of the architrave. This will temporarily hold your frame in the correct place on the window. The rest of the frame will be secured in later steps. For wider frames, a screw may also need to be inserted into the top frame, to prevent it from sagging.
10. Place the left-hand panel into the opening, lining up the hinge sections in the left L- Frame, and then insert the hinge pins. Repeat for all other panels, working from the left to right across the opening.
11. Assess the panels for squareness to the frame and each other. If gaps are not even or the panels do not line up to each other at top and bottom, adjustments need to now be made.

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12. Adjust (rack) the bottom frame to the left or right, until the gaps are even and the top/bottoms of adjacent panels line up. Insert a screw into the bottom of the left frame.
13. Re-check that the panels and frame are still square, and the gaps are even. Stand back and check that the whole opening is still sitting square on the window.
14. Insert the rest of the screws into the pre-drilled holes on all sides of the frame. Additional holes can be drilled in the frame, to line up specific locations if required
15. Fit (Fastcaps) self-adhesive stickers to all visible screws in same colour as frame. Test the function of the panels, and give a final clean.

The installation of this opening is now complete.