

# INSPIRE Installation Techniques

## Standard installation Slider

### Inside Mount, 3 sides

#### Tools and Materials required

- Cordless Drill
- Tape Measure / Laser Measurer
- Box Knife
- P2 Phillips screw tip, 100mm long
- #6 countersink drill bit
- Caulking Gun
- 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. Each of the panels should be numbered on the top of the rail to identify the correct order.
3. The framing pieces will be assembled first. For an inside mount opening, the headboard, fascia will all be supplied as separate items (unless ordered otherwise). Place the headboard on the floor, face up. Slide the sideboards up into the headboard, also face up. (if skirting is present on the face on the wall, you may have to carefully scribe the sideboard to allow it to sit flat against the wall). Screw down through the headboard into the sideboards with screws provided, to attach the framing together. Your frame should now be fully assembled.
4. Standing at the top of the headboard, lift the unit up, and place into the reveal.
5. Adjust the depth of the frame within the reveal, so that any window obstructions don't protrude past the back of the frame. This will ensure that the louvres don't contact any obstructions when opened. Make sure that the frame protrudes the same amount on all sides and is even.
6. Pre-drill fixing holes into the header, towards the back of the frame. Insert screws through the header and into the reveal, ensuring there is a suitable fixing point within the wall. Check that the frame is still evenly positioned around the window, and then insert the remainder of the screws to fix the header to the wall. A normal number of fixings would be one screw at 100mm from either end, and then evenly spaced at about 500mm-600mm intervals, but this will be entirely dependent on the fixing points in the wall. Ensure that the header is kept perfectly straight, as any sag may prevent the tracking system from operating properly.
7. The sideboards can now be fixed to the wall, using the same method as for the header. Ensure that the sideboards are perfectly vertical and straight. A spirit level can be used to check this.
8. The bottom tracks can now be fitted. Measure the distance from the front sideboard to the centre lines of the top tracks, and place marks on the floor at either end so that the centre lines are the same distance in. This will ensure that the bottom tracks are plump to the top tracks.
9. If the is timber, tiled or polished concrete, the bottom tracks can be fixed with VHB double-sided tape (the tape must run the full length of the track), or can be fixed with screws using the appropriate method. The tracks will need to be predrilled and countersunk to use screws. If the floor is carpet over concrete, use the method described in the 'Attaching to carpeted concrete floors' section.

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10. The panels can now be fitted. Ensure that all componentry has been fitted to the top track, and to the panels. When fitting sliding panels the panels on the back track must be fitted first. Attach the wheel carrier brackets to the wheel carriers in the track/ Make sure to lock the wheel carrier brackets to the wheel carriers by adjusting the lock lever. Compress the spring-loaded guides and click into the bottom track.
11. Assess the panels for squareness to the frame and each other. If overlapping stiles are not aligned, use the adjustment spanner on the wheel carrier to fine-tune the height on either side of the panels, until they are aligned.
12. Once panels are square to each other and the frame, check for proper function by running the panels through the full range of motion.
13. If necessary, adjust the sideboards to the panels by loosening the fixing screws and packing between the frame and the reveal.
14. Attach any light strips provided onto the panels, using screws. Pay attention to the size of each strip, and ensure the correct ones are attached to the correct panels, as per the details in the specification manual. The light strip should be attached to the back panel/s first, as these will be easily seen when the panels slide, and should be fixed parallel to the stile at the correct distance required (as per the tracking specification section).
15. Attach the front fascia using small panel pins. (Use spirit level if necessary to ensure it level)
16. Trim the fascia returns to the correct length, based on the amount of protrusion from the face of the wall. Attach using small panel pins, ensuring that the mitres line up. Punch the pins below the surface (for the front fascia and the returns) using a nail set, and fill any holes using the soft-wax kit in matching colour to fascia.
17. Apply caulking where necessary, including the mitres on the fascia and the sideboards where they meet the reveal.
18. Cover all visible screws with Fastcaps (Self Adhesive PVC caps 14mm) and give a final clean.

The installation of this opening is now complete.