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E customer.service@mfgs.com.auW www.mfgs.com.au**MFGS**MODERN FRAMELESS
GLASS SYSTEMS

ONYX™ SQUARE CUT 5081

PERIMETER FRAMED SHOWER SCREEN SYSTEM WITH FRAMELESS HINGED DOOR

DESIGN & FABRICATION GUIDE

EXTRUSION REQUIRED	RECOMMENDED PROCEDURE
FRONT & RETURN ASSEMBLY: <i>Extrusions:</i> SE131: HEAD/SILL <i>Components:</i> SE131SCH90CS: SE131 SQUARE CUT HORIZONTAL 90° CORNER STAKE SE131SCH135CS: SE131 SQUARE CUT HORIZONTAL 135° CORNER STAKE SE131SCV90CS: SE131 SQUARE CUT VERTICAL 90° CORNER STAKE	Generally, the assembly details are the same as for the front only configuration, with the following exceptions: <ol style="list-style-type: none">Once the front and return panels have been glazed and vertical corners secured, then the SE131SCH90CS: SE131 Horizontal 90° Corner Stake(s) need to be inserted into both the top and bottom of the SE131: Head/Sill return panel section(s). Please Note: All that remains is for the shower screen frame to be completed on site.FOR 90° RETURN(S) By inserting the front panel into the return panel, using SE131SCH90CS: SE131 Square Cut Horizontal 90° Corner Stake(s) as connectors making sure the corners are aligned before drilling and securing the corner stakes (by riveting).FOR 135° RETURN(S) By inserting the SE131: Head/Sill sections of the frame into the return panels, thus connecting both return panels using SE131SCH135CS: SE131 Square Cut Horizontal 135° Corner Stake(s) aligning the corners one side at a time before drilling and fixing (by riveting).
INSTALLATION OF HINGE & DOOR ASSEMBLY <i>Components:</i> FHS180: 6MM GLASS TO GLASS HINGE 180° SW9: DUAL EDGE SPRAY FLAP	<ol style="list-style-type: none">The fixed panel and door hinge assembly will generally take place once the shower screen frame is installed onsite, although hinges maybe attached to the fixed panel in the production area.Remove both backing plates from inside face of each FHS180: 6mm Glass to Glass Hinge 180°. Locate the hinges in the correct position, in relation to cut outs in the fixed panel. Ensure the hinge gaskets are aligned in the correct positon. Once aligned tighten and secure using Allen key provided.The final step in the installation process is to fit the door. This is achieved by aligning the door glass into position in relation to the fixed panel and pre-attached hinges, making sure the hinge gasket is correctly aligned prior to the hinge backing plates being tightened. Any door seals may then be fitted and the door checked for correct alignment once the door is closed. If any minor adjustment is required, then the door hinges backing plates can be loosened and the door adjusted into the required position before re-tightening. The SW9: Dual Edge Spray Flap is also then fitted to the bottom horizontal edge of the door as required.

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