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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  |
|--|--|
| <p><b>OUTER FRAME ASSEMBLY (FRONT ONLY):</b></p> <p><i>Extrusions:</i></p> <p><b>SE58:</b> WALL CHANNEL</p> <p><b>SE69:</b> WALL CHANNEL WITH FIXING LEG</p> <p><b>SE104:</b> HEAD/SILL INFILL</p> <p><b>SE131:</b> HEAD/SILL</p> <p><b>SE149A:</b> WALL CHANNEL PART A</p> <p><b>SE149B:</b> WALL CHANNEL PART B</p> <p><i>Glazing Vinyls:</i></p> <p><b>SE39B:</b> HEAD/SILL INFILL BUFFER</p> <p><b>SEV6:</b> 6MM GLAZING VINYL</p> <p><i>Components:</i></p> <p><b>ITAS:</b> 13MM X 6G PIVOT FIXING/TOP ADJUSTMENT COUNTER SUNK SCREW.</p> <p><b>OFPA:</b> FIXED PANEL ANCHOR</p> <p><b>SE131SCV90CS:</b> SE131 SQUARE CUT VERTICAL 90° CORNER STAKE</p> <p><b>SER/CSBN:</b> COUNTER SUNK POP RIVET BRIGHT NATURAL</p> | <ol style="list-style-type: none"> <li>Cut aluminium extrusions to the required lengths as per the appropriate cutting sheet guide.</li> <li>Glaze fixed panel(s) into the vertical sections of the <b>SE131: Head/Sill</b> using <b>SEV6: 6mm Glazing Vinyl</b> for 6mm glass ensuring panel(s) are in correct position in relation to door opening orientation.</li> <li>Insert <b>SE131SCV90CS: SE131 Square Cut Vertical 90° Corner Stakes</b> at both ends of the horizontal frame sections, glaze into position at both top and bottom of the vertical <b>SE131: Head/Sill</b> section.</li> <li>Once all the corners have been aligned, 1/8<sup>th</sup> (3.2mm) holes can then be drilled and counter sunk into the back of the extrusion in each corner to secure/fasten the corner stake in place. <p><b>Please Note:</b> We recommend the use of <b>SER/CSBN: Counter Sunk Pop Rivet Bright Natural</b> in this process. This allows the <b>SE131: Head/Sill</b> to sit flat on the shower base as well as providing a flush finish on all surfaces (visible and non-visible) of the shower screen frame.</p> </li> <li>Insert <b>OFPA: Fixed Panel Anchor</b> into <b>SE131: Head</b> and <b>SE131: Sill</b> ensuring they are firmly placed against fixed panel glass and secure using <b>ITAS: 13mm x 6g Pivot Fixing/Top Adjustment Counter Sunk Screw</b>.</li> <li>At this stage, any channel in the <b>SE131: Head/Sill</b> that has not been glazed into place may be fitted with <b>SE39B: Head/Sill Infill Buffer</b> or <b>SE104: Head/Sill Infill Section</b>. This will add to the water resistance of the shower screen enclosure.</li> <li>On completion of these steps, the shower screen is ready for installation. This is done by locating and appropriately securing the <b>SE58: Wall Channel(s)</b> to the wall. For front only installations, it is recommended <b>SE69: Wall Channel(s) with Fixing Leg</b> or <b>SE149A: Wall Channel Part A</b> and <b>SE149B: Wall Channel Part B</b> is used as it allows external fixing of the wall channels once the screen has been placed into the desired position, making for a quicker and easier installation. The shower screen is then located, squared off, secured and the door fitted.</li> </ol> |

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