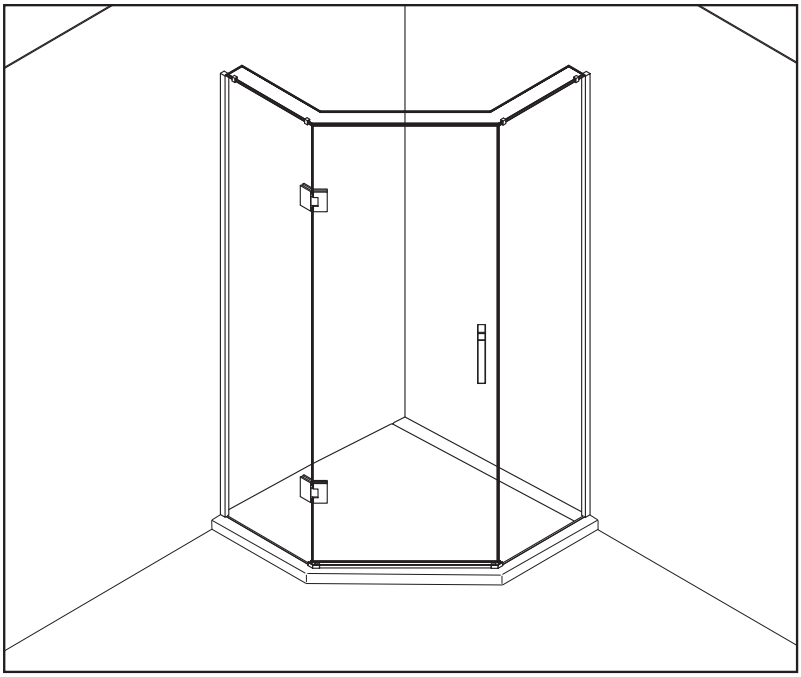
GLACIER ANGLE FRONT SCREEN INSTALLATION GUIDE



Components Supplied

Bag 1: Allen Keys
Bag 11: Packers
Clear Silicone
Handle Set E
2x Hinges
Blue Masking Tape
Instructions

Included in this Package

G – Glass Door
D – Glass Return Panel
DA – Cut Out Panel
J-BRACE – Glass Top Brace
WCT – 2x Glazing Channels & components (screws, plugs, drill bit & 3x seals)

Other Equipment Required

Caulking Gun
Drill
Spirit Level
Pencil
Tape Measure
Knife

May be included in this package

SILL – Sill bar and sill blocks

IMPORTANT:
IF WALLS ARE BEING TILED, WALL GLAZING CHANNELS MUST BE FITTED TO THE WALL AFTER WATERPROOFING, PRIOR TO TILING.



PROTECT GLASS EDGES AT ALL TIMES OTHERWISE PANEL MAY EXPLODE.



DO NOT INSTALL DAMAGED OR DEFECTIVE PRODUCTS.

CONTENTS

Pg. 2: Warnings
Pg. 3: Contents & Tolerences
Pg. 4: Understanding your shower & components
Pg. 5: Installing Hinged Screens on top of a Glacier tray
Pg. 10: Installation QA Checksheet

ACCEPTABLE TOLERENCES & DEFECT DISCLAIMER

Glass is a manufactured product that has some variation. Bows can be unavoidable over long lengths. For more information on glass tolerences, you can find this on MBIE's Guide to tolerences, materials and workmanship in new residential construction 2015 Booklet (below).

https://www.building.govt.nz/assets/Uploads/projects-and-consents/guide-to-tolerances/guide-to-tolerances.pdf

NOTE: It is the installer's responsibility to thoroughly check glass panels prior to installation. Atlantis take no responsibility for any glass panel that has been installed with a noticeable defect.

A noticeable defect must be visible to the naked eye, in normal daylight conditions, standing at a distance of two metres. Any imperfection that is not visible within the above parameters will not be accepted as a defective product, and installation can proceed as usual (refer to BRANZ Guidelines on viewing angles).

No responsibility will be taken by Atlantis for any glass breakages or chipped edges.

NOTE: SHOWERHEAD POSITION

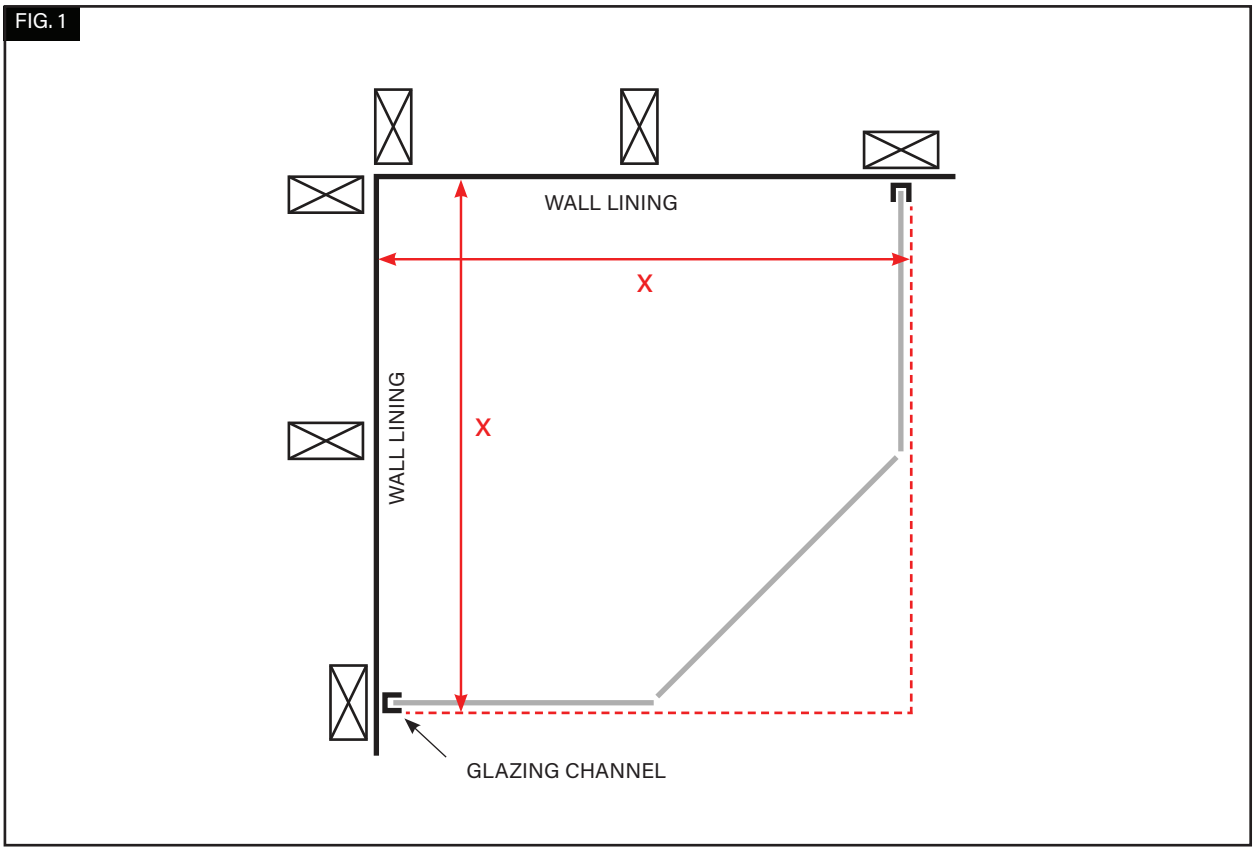
We recommend you do not install the shower head directly opposite the hinge side of the door. Where possible it is best to install the shower head opposite the handle side instead.

INSTALLING SCREENS ON TOP OF A TRAY OR EXISTING TILED FLOOR (NO FLOOR CHANNEL)

1. Measure the dimensions of the shower. Refer to the chart below for where to position glazing channels (Note: measurement listed is from wall to outside of glazing channel).

2. Decide which way the door should open.

FIG. 1



SIZING CHART

* This measurement is from the surface you are fixing the glazing channels to – waterproofed wall lining (Gib Aqualine, James Hardie Villaboard, etc.), tiled wall, acrylic liner or Ellure Wall – to the outside of the glazing channel.

NOMINAL SIZE	GLAZING CHANNEL POSITION
900mm	885mm
1000mm	985mm

3. Measure and mark the floor and walls for glazing channel positions as per sizing chart on previous page (Fig. 2).

4. Pre-drill glazing channels and wall surface using the 4mm drill bit supplied. Ideally there will be a vertical stud behind the glazing channels to screw in to. If not, nogs/dwangs are typically located at 800 & 1600 from floor. We recommend 4 fixings; top, bottom and two through the middle. Use wall plugs if required at top and bottom.

5. Apply a continuous bead of Flexicone to the full length of the channels prior to screwing into place (Fig. 3).

6. Using the screws supplied, fix the Wall Channels to the wall (Fig. 4).

* NOTE: The warranty on some waterproofing systems may be void if penetrated. While we recommend fixing where possible (tap mixers penetrate waterproofing systems – posing more risk than glazing channels), you can bond glazing channels to wall surfaces using Flexicone. Clean well first with Fuelite, and prop in place for 48 hours to cure before proceeding.

FIG. 2

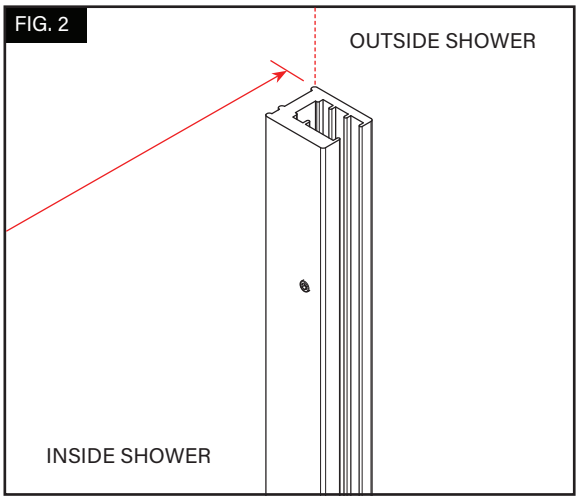


FIG. 3

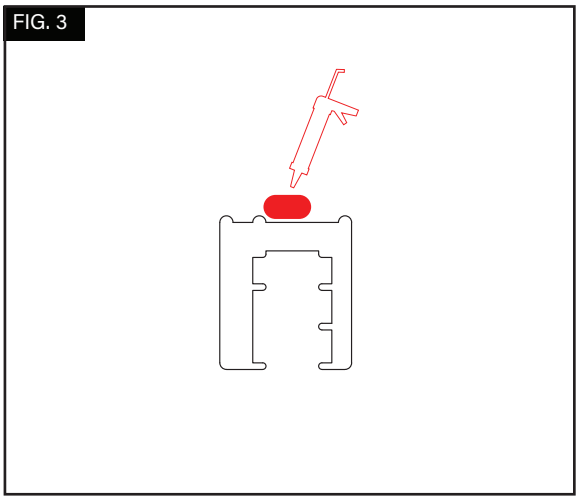


FIG. 4

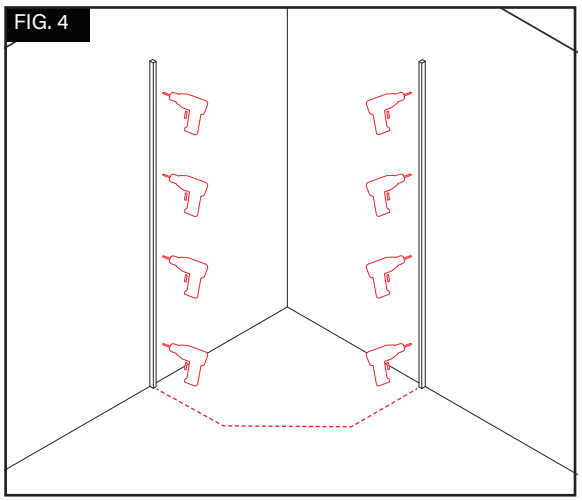
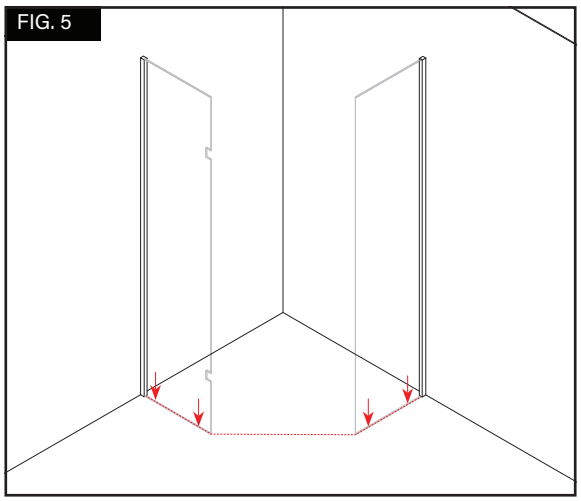
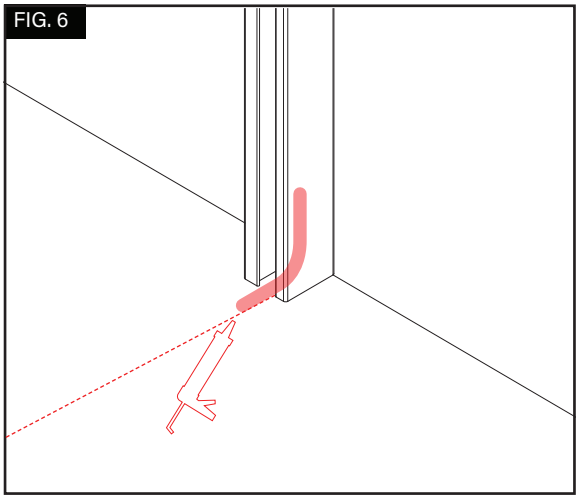


FIG. 5



7. Clean the floor with Fuelite and place 2mm clear packers on floor below where fixed panel and cut out panels are to lay (Fig. 5).

8. Ensure surfaces are clean and dry. Apply a 10mm bead of silicone at least 25mm out from the bottom of the channel, and at least 50mm up the wall (Fig. 6).

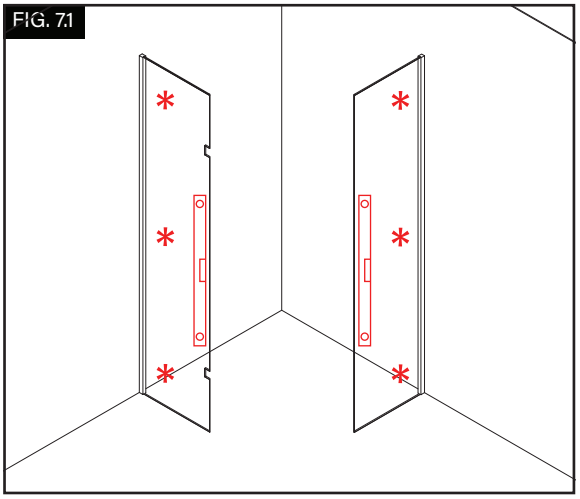


9. Locate the two panels in the glazing channel, and ensure they are plumb with a spirit level (Fig. 7). Ensure these panels don't touch the ground as they may explode if they do.

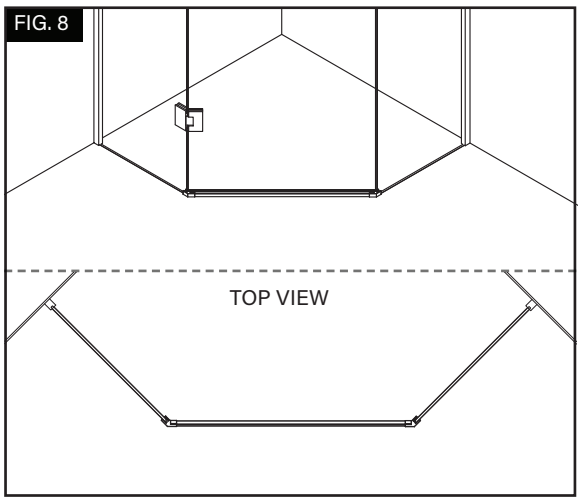
10. Using a 3mm hex key, tighten the grub screws on the inside of the glazing channels. Ensure these are tightened firmly, without overtightening.

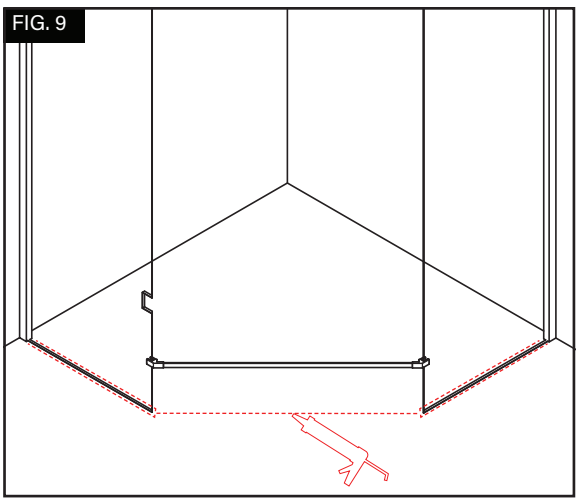
11. Trim sill bar to length if required. Test fit the sill bar and sill blocks by placing the bar down first, and lowering the blocks on top (Fig. 8).

NOTE: FIND MORE INFO ON SILL BLOCKS ON PG. 15



12. Clean the area free of any dust and dirt. Mask the bottom of the glass panels and the floor. Apply a bead of silicone to both sides of the panels, and under the area where the sill bar will be located (Fig. 9).





13. Fill the underside of the sill block with silicone to ensure water cannot escape underneath this area. Drop the sill bar and blocks on top of the silicone. Wipe off any excess silicone. Neatly smooth the silicone from under the glass, removing any excess. Do not use a finger unless you have gloves on.

14. Remove the covers from the front of the hinges (this side faces INWARDS) using the 1.5mm hex key supplied on the grub screw on the bottom of the hinge. Slide the fixed side of the hinge (wall side) on to the cut out panel and align with edge of panel as shown (Fig. 8). Tighten firmly.

* NOTE: The correct positioning of the hinge is for the centre section of the hinge to be located on the door side.

15. Slide the door on to the hinge, and create a 2mm gap between the panel and the door (Fig. 8). Take care that the door doesn't hit the cut out panel. Tighten firmly when plumb.

16. Once door is aligned correctly, fit handle (Fig. 11). Tighten lugs through holes in glass. Fit the half of the handle with grub screw on the outside of the shower. Tighten firmly.

17. Locate top brace. Determine where to fit the blocks as shown in the instructions supplied with the brace. Once brace is complete, slide over the top of the door and tighten in place (Fig. 12).

FIG. 10

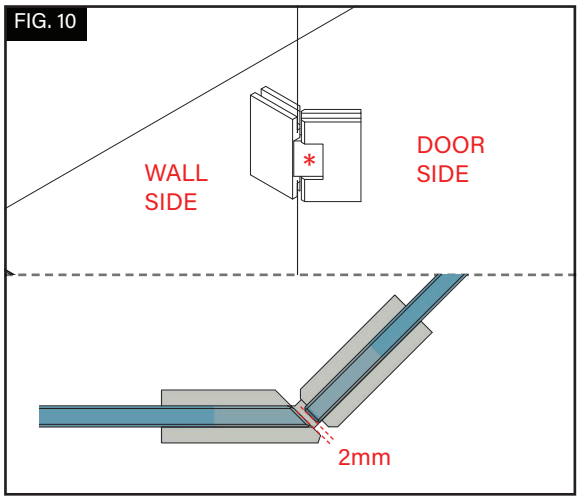


FIG. 11

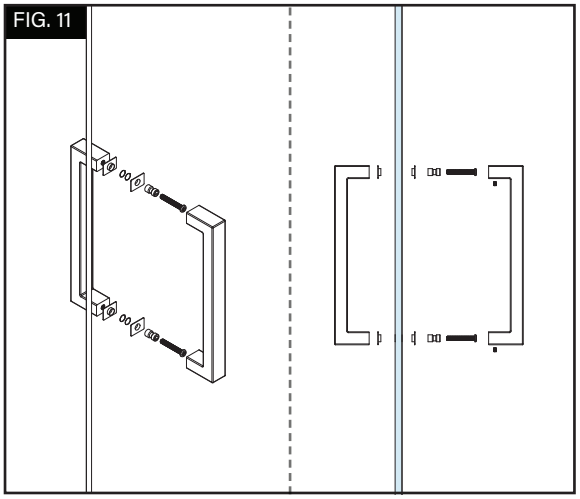


FIG. 12

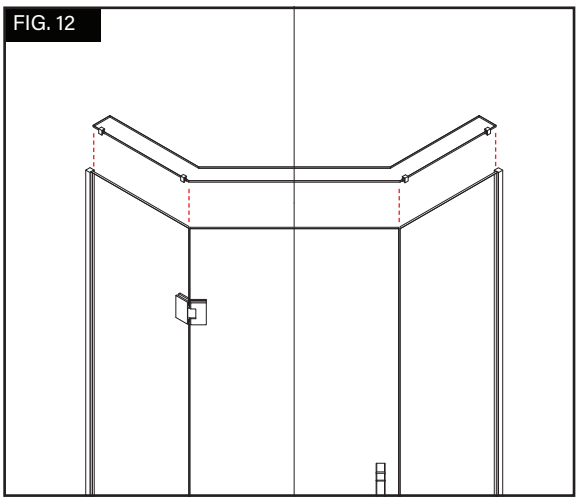
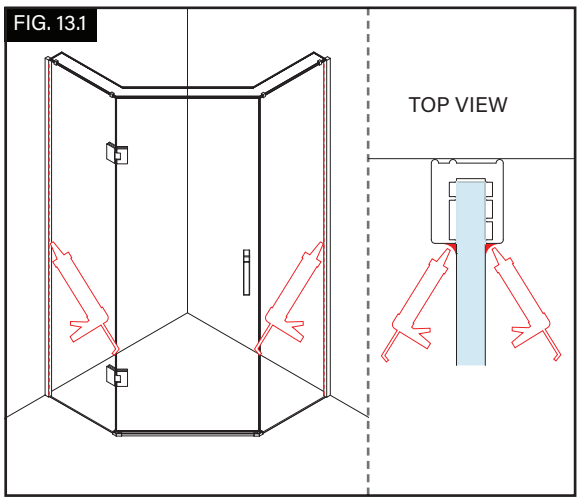
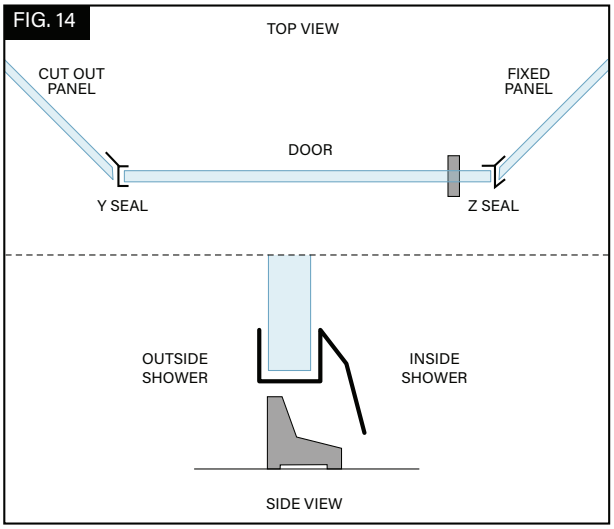


FIG. 13.1



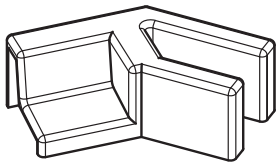
18. Neatly mask and seal the glazing channels top to bottom, inside and out with clear silicone supplied (Fig. 13). Using the spatula supplied, neatly smooth the silicone, and remove any excess. Do not use a finger unless you have gloves on.

19. Finally, fit the seals required (Fig. 14). The leg on the bottom of the Bottom Door Seal can be trimmed with a stanley knife to your desired length – especially at the sill blocks ends. To fit the Y Seal, this must be trimmed to length to fit between the hinges.



SILL COMPONENTS

We supply several different blocks as standard. The blocks required for this installation are shown below:



LH & RH

INSTALLATION QA CHECKLIST

NOTE: Not all showers are supplied with the same components.
*Steps below indicated with an * may not apply to your shower.*

SHOWER BASE, FLOOR AND WALL PREPARATION		
Base installed level	☐ YES	☐ NO
Walls clean from dust	☐ YES	☐ NO
Walls checked for plumb	☐ YES	☐ NO
Wall glazing channels fitted plumb and true	☐ YES	☐ NO
Wall glazing channels fitted correctly (grub screws facing inwards)	☐ YES	☐ NO
Base clean and tidy	☐ YES	☐ NO
* Base glazing channel clean from dust and dirt	☐ YES	☐ NO
Base is protected from damage during screen installation	☐ YES	☐ NO

COMPONENT INSPECTION		
Glass is free from any visible defects	☐ YES	☐ NO
Hardware is free from any visible defects	☐ YES	☐ NO

SHOWER SCREEN & HARDWARE INSTALLATION		
Top rail brace fitted level	☐ YES	☐ NO
Top rail brace fitted correctly	☐ YES	☐ NO
Panels aligned with top of glazing channels	☐ YES	☐ NO
Panels plumb and panel gaps all per instructions	☐ YES	☐ NO
Wall glazing channel grub screws tightened	☐ YES	☐ NO
Top rail brace grub screws tightened	☐ YES	☐ NO
Silicone applied as per instructions	☐ YES	☐ NO
Visual inspection of silicone (no gaps or air bubbles)	☐ YES	☐ NO
* Door sill & blocks fitted as per instructions	☐ YES	☐ NO
* Door infill fitted and siliconed in position	☐ YES	☐ NO
* Door is rolling/hinging smoothly	☐ YES	☐ NO
* Door is sitting in a closed position correctly	☐ YES	☐ NO

FINISHING THE INSTALL		
Visual inspection of silicone	☐ YES	☐ NO
Door seals are fitted (unless customer does not want them)	☐ YES	☐ NO
* Rubber bumpers are fitted where required	☐ YES	☐ NO

CLIENT SATISFACTION		
Final visual inspection – shower is left clean and tidy	☐ YES	☐ NO
Warning sign left on glass to not use shower for 24 hours minimum	☐ YES	☐ NO
Warranty Registration Form complete for client	☐ YES	☐ NO

Thank you for checking through each step of the shower installation, ensuring a quality install.