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INSTALLATION GUIDE

SAPPHIRE ROUND CORNER SLIDING SHOWER



CAUTION

It is the responsibility of the INSTALLER to ensure that the installation complies with council and or local authority bylaws.





Instructions, drawings, and diagrams contained in this manual present information available at the time of printing. Although every attempt has been made to keep them up-to-date, Kohler Company reserves the right to implement product changes without further notice.

BEFORE YOU BEGIN

Before you install your shower door, please read these instructions carefully to familiarise yourself with the required tools, materials and installation sequences.

These instructions contain important care and cleaning information. Please leave these for the consumer after installation.

Make sure that the shower tray and the wall are completely finished prior to installing your SAPPHIRE shower door.

-  **CAUTION: Risk of injury or product damage.**
Tempered glass cannot be cut.
-  **CAUTION: Before commencing installation.**
KOHLER strongly recommends reading these installation instructions.
-  **ATTENTION:**
Please install this door on an **ENGLEFIELD** Quick-Fit® shower tray only.
-  **IMPORTANT:**
The shower door requires a flat and vertical wall surface. The flatness is recommended to be out by no more than 4mm / m.

TOOLS AND MATERIALS REQUIRED

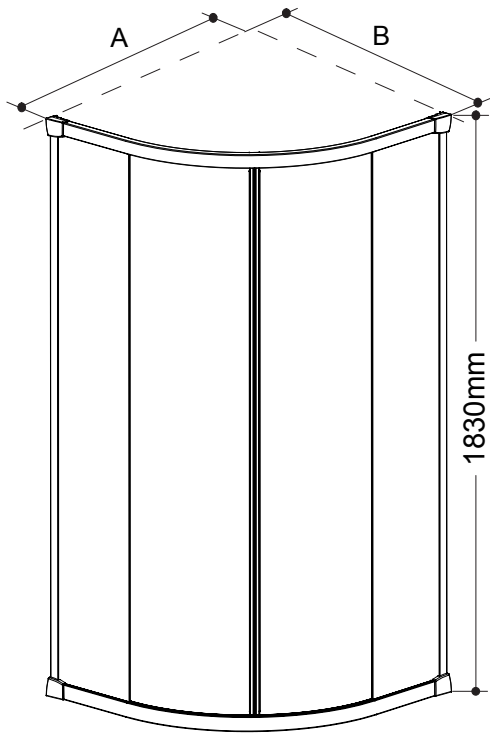
Tools Required.

Philips Screwdriver.
Pencil.
Silicone gun.
Measuring tape.
Safety glasses.
Center punch.
Hammer.
Knife.
Drill bits. 1 x 6mm. 1 x 2.5mm.
Level.

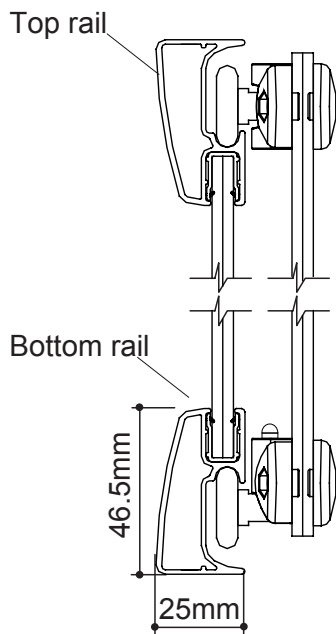
Materials Required.

Drop cloth.
SIKA Sikasil NG silicone sealant.

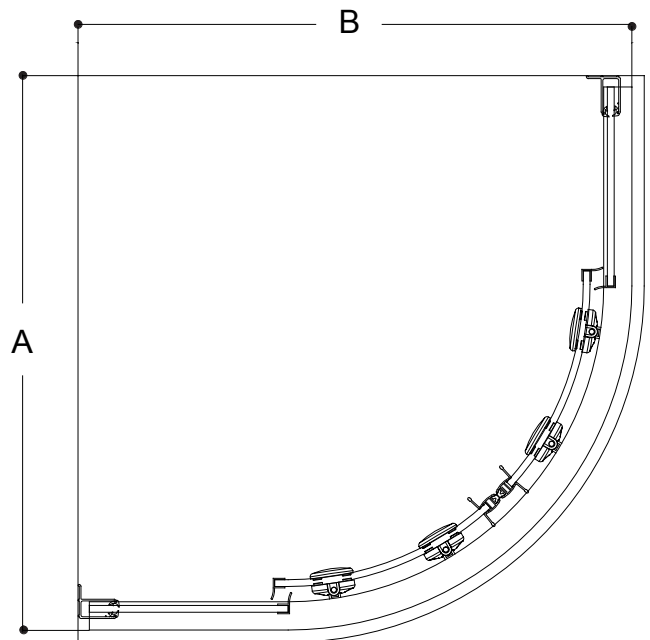
ROUGH-IN



SIZE	DIMENSION 'A'	DIMENSION 'B'	MAX. DOOR OPENING
900 x 900	872 ± 7.5mm	872 ± 7.5mm	480mm
1000 x 1000	972 ± 7.5mm	972 ± 7.5mm	500mm
1200 x 900	872 ± 7.5mm	1161 ± 7.5mm	480mm

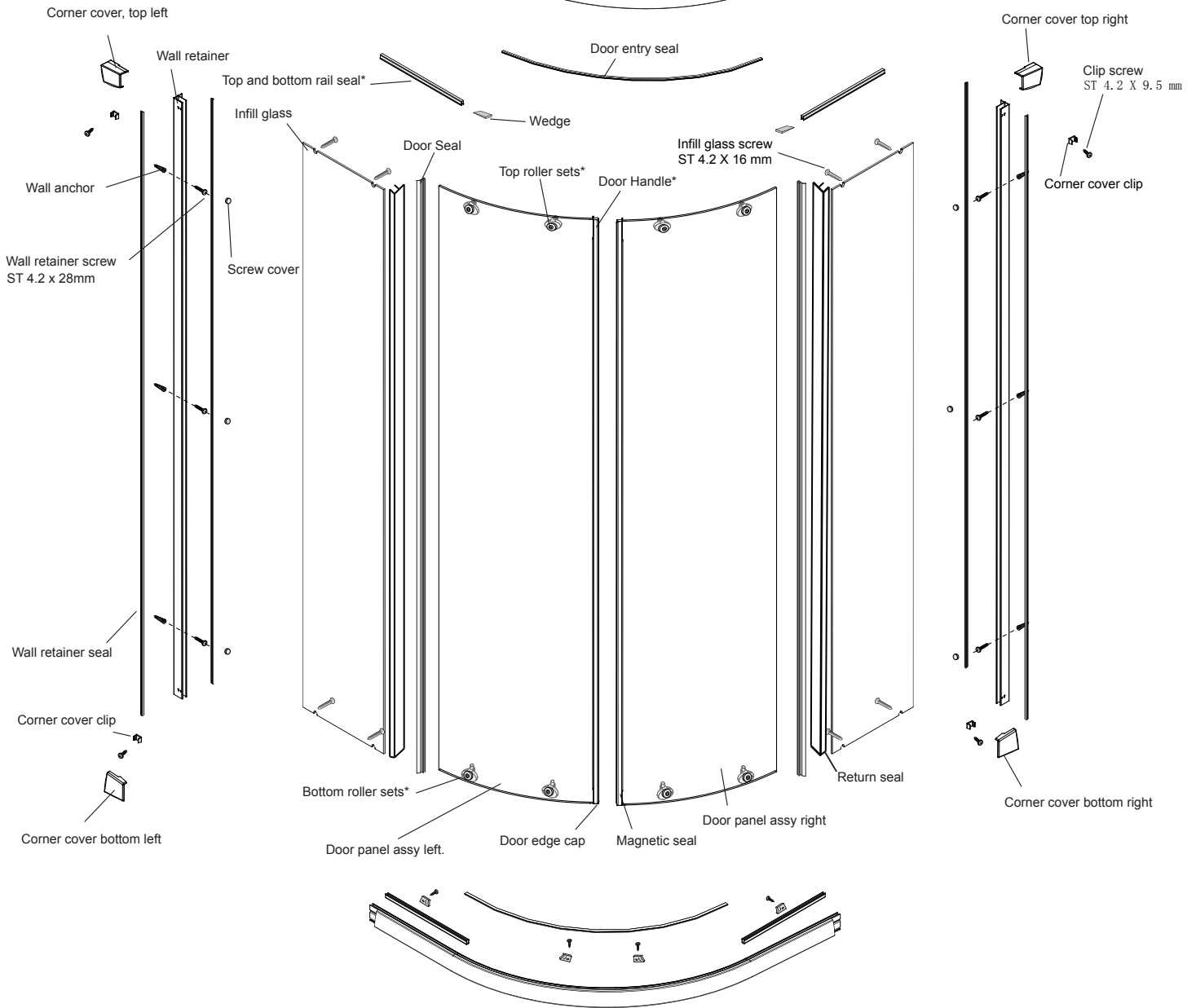
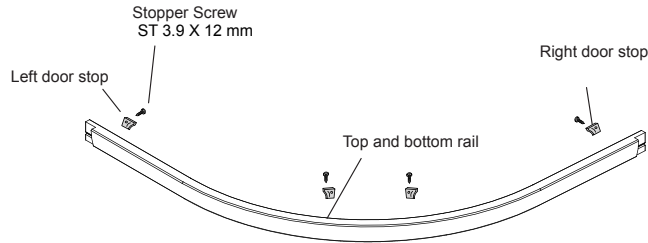


Elevation



Plan view

PARTS IDENTIFICATION



DOOR INSTALLATION

1. Mark and drill wall retainer fixing holes

Measure and mark a line on the rim of the tray using the following dimensions (all dimensions are measured from the acrylic wall face):

SIZE	DIMENSION 'C'	DIMENSION 'D'
900 x 900	862mm	862mm
1000 x 1000	967mm	967mm
1200 x 900 right hand tray shown	1154mm	862mm

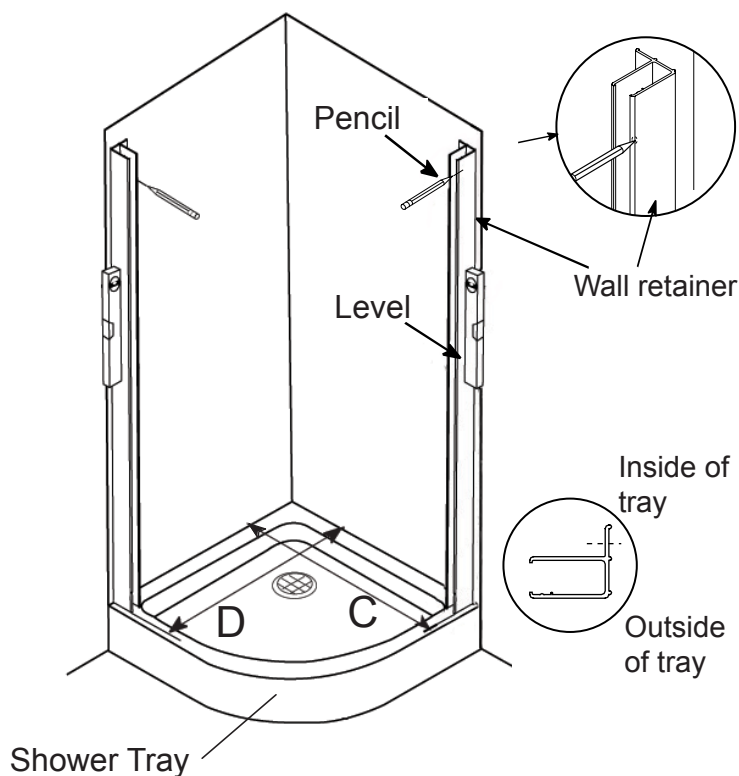
Align the outside face of the wall retainer with the mark on the rim of the tray.

Using a level, plumb the wall retainer, and mark the three mounting holes with a pencil.

Use a 6mm drill bit to drill the holes.

Press fit the wall anchors into the holes.

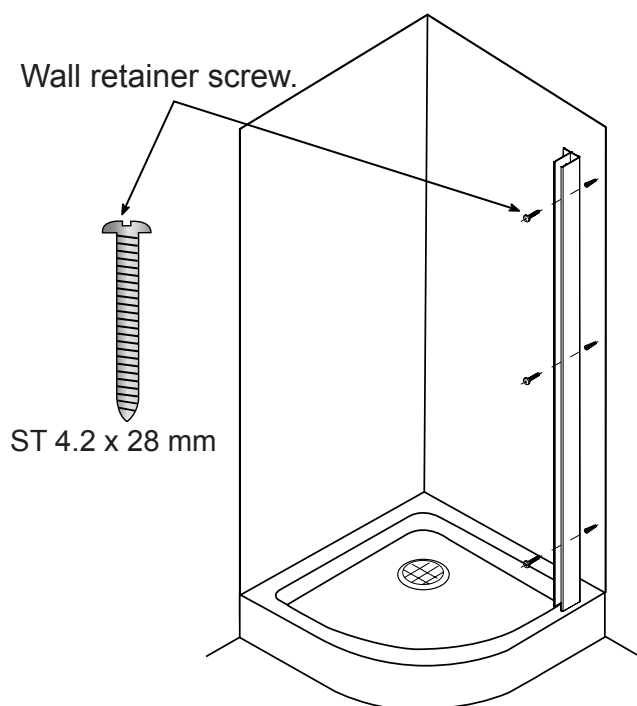
Repeat this procedure for the other wall retainer.



2. Install the wall retainers.

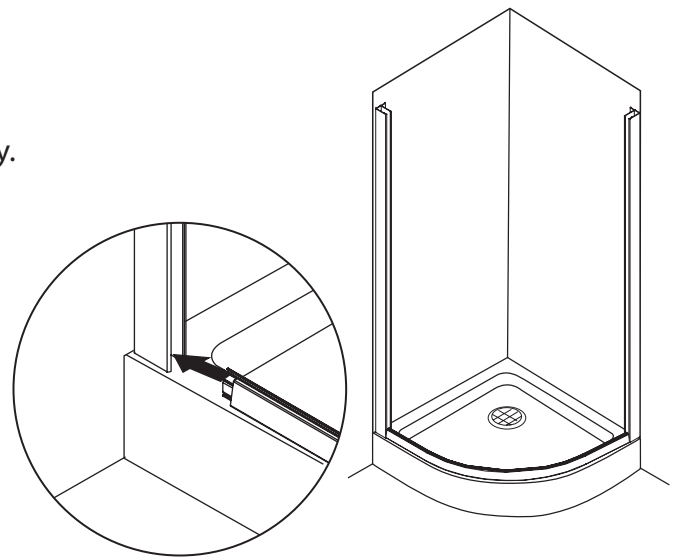
Install each wall retainer by aligning the holes in the retainer with the wall anchors.

Secure the wall retainers with 6 x ST 4.2 x 28 mm screws provided.

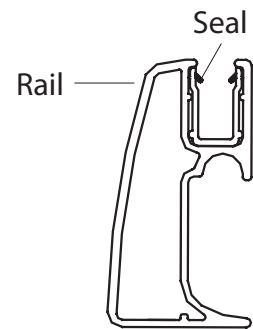


3. Install the bottom rail.

Press fit the bottom rail into the wall retainer on the tray.

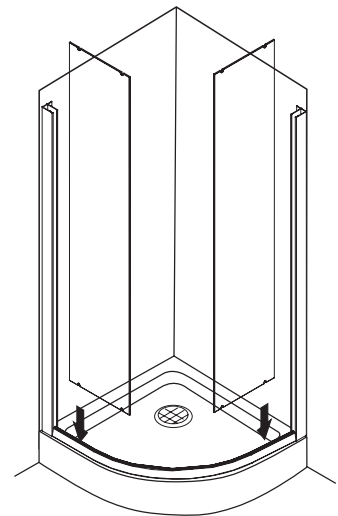


Note: Make sure there are seals in each end of the top and bottom rails, and the end of the seal aligns with the end of the rail.

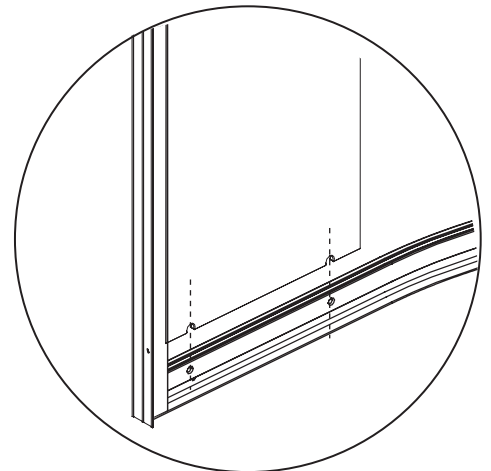


4. Install the infill glass

Press fit the infill glass to the bottom rail.



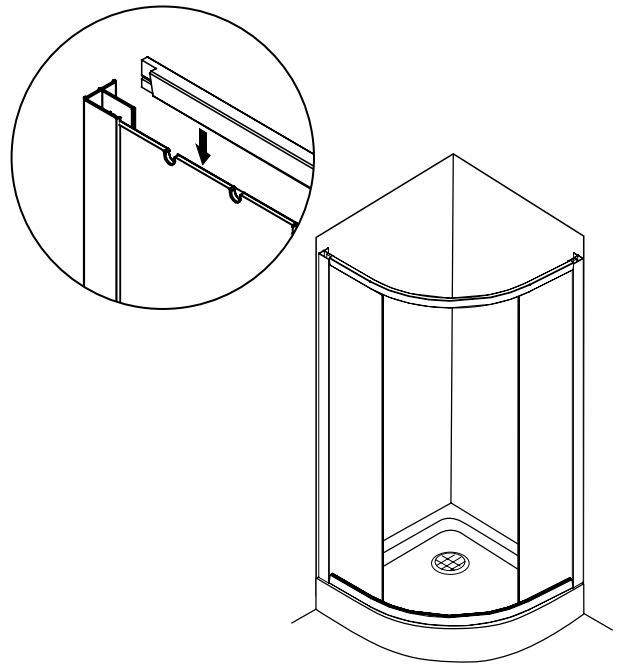
Note: Make sure that the fixing holes in the glass align with the holes in the bottom rail.



5. Install the top rail.

Press fit the top rail to the top end of both glass infill panels.

Make sure that the glass infill panels align with the end of the rails.

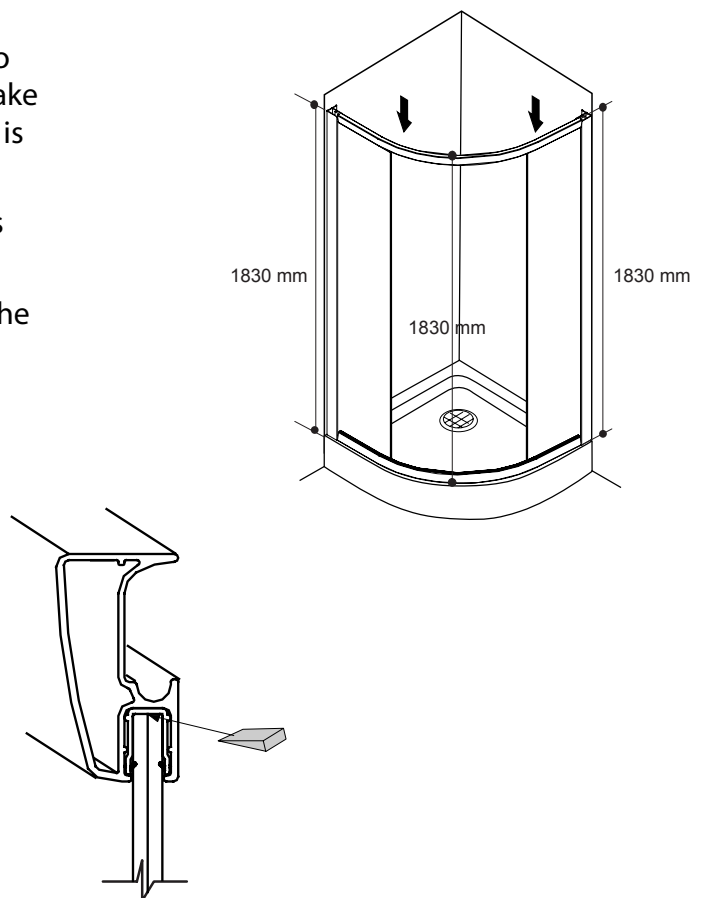


6. Adjust the top rail.

To make sure that the rails are correctly fitted to the glass infill panels, use a tape measure to make sure the total height of the assembled product is 1830 mm.

If higher, try pressing the top rail onto the glass infill panels harder.

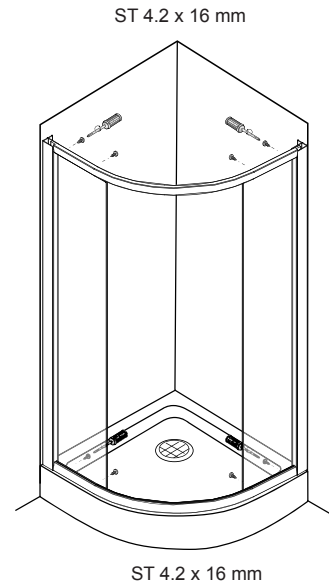
If lower, insert a wedge into the gap between the glass infill panels and the top rail seal.



7. Fix the top and bottom rails to the glass infill panels.

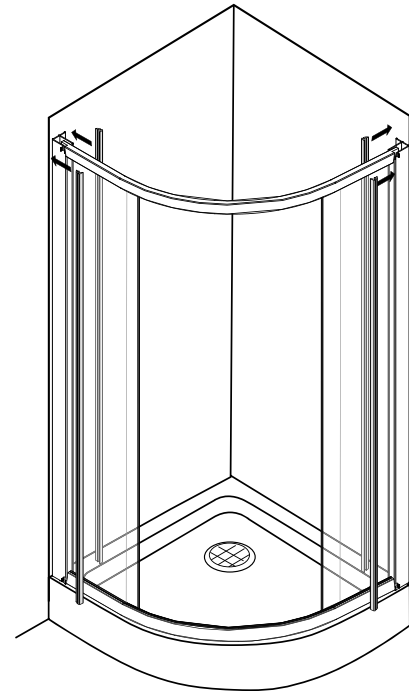
Use a power drill on a low torque setting to drive the countersunk screws into the top and bottom rails - 8 places.

Take care not to over drive these screws.



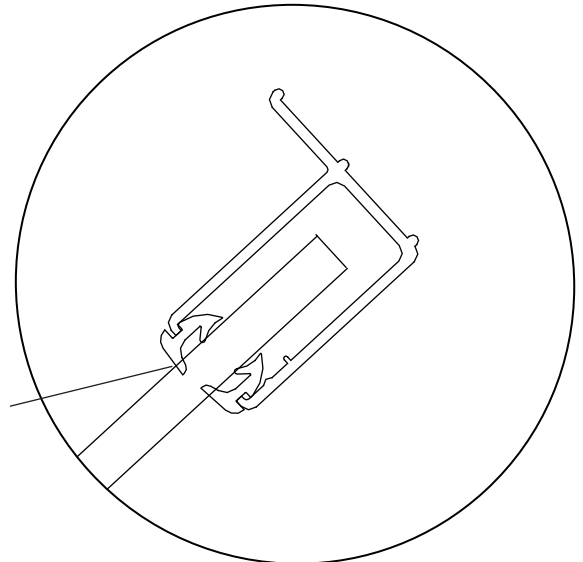
8. Install the wall retainer seals

Press fit the wall retainer seals into the wall retainer.



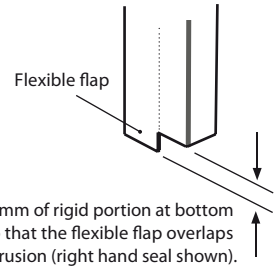
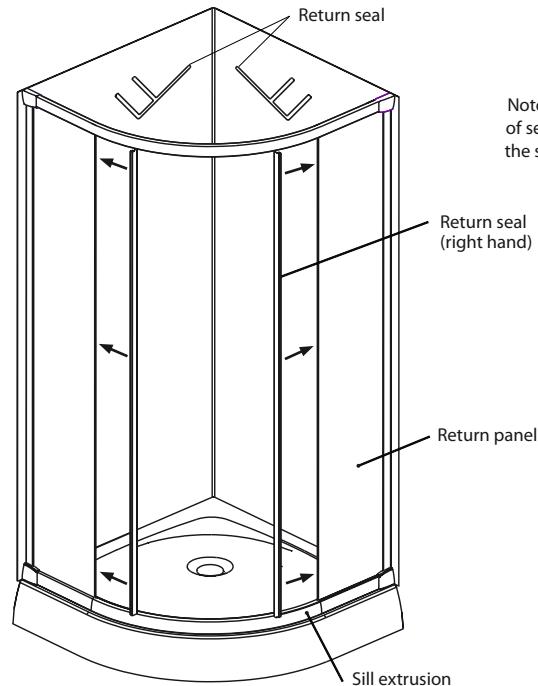
Ensure the seals are fitted with the soft edge in contact with the face of the glass, as show in the illustration on the right hand side.

Soft edge of retainer seal



9. a) Referring to the diagram below, cut the return seals to the length leaving a 3 - 5mm notch at the bottom so that the flexible flap overlaps the curved sill extrusion.

b) Press fit the return seals onto the vertical edges of both return panels. The flexible flap should point inside shower.



10. Install the door panels.

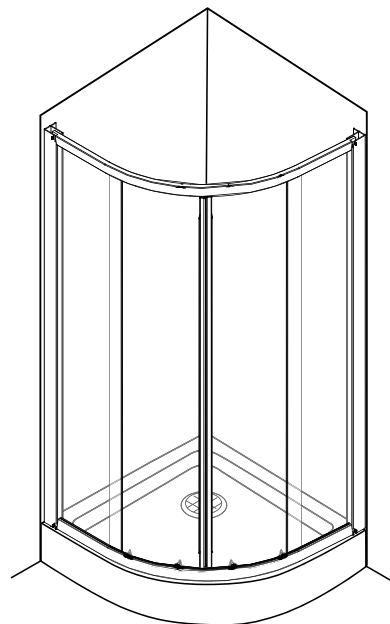
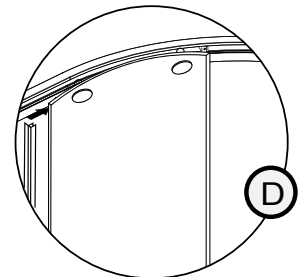
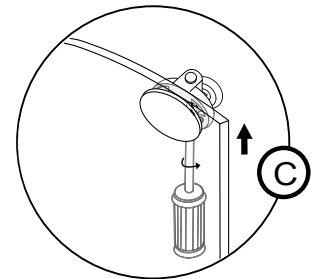
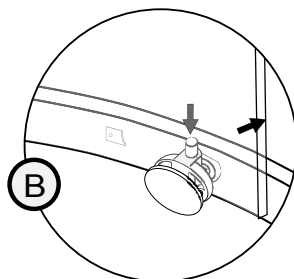
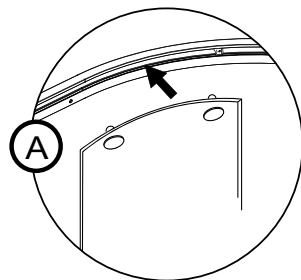
Identify the left door from the right door, referring to the handle location. Note that the rollers on the top edge are height adjustable.

A) From the inside of the shower, hang the door panel on the top rail.

B) Press the button on the bottom rollers and fit the rollers into the bottom rail.

C) If there are gaps between the doors, raise or lower the doors by adjusting the screws in the top rollers (clockwise to raise the door). Once done there should be no gaps between the doors, and the top edges must be level.

D) Press fit the door seals onto the vertical edges of both doors.



11. Install the corner cover clips.

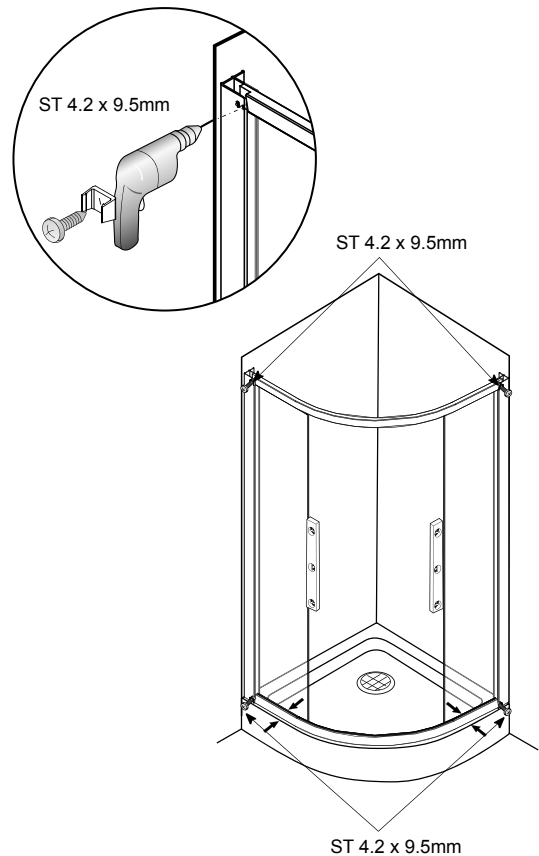
Move the bottom rail forward or backward to make sure that the gap between the bottom rail and the front edge of the tray is even.

Make sure that the edges of the infill glass are vertical.

Drill a 2.5mm hole through the small holes at the top and bottom ends of the retainers, and into the top and bottom rail.

Take care to not drill all the way through the retainers!

Fix the corner cover clips to the retainer. Make sure that the pin on the back of the clip aligns with the large hole at the top and bottom end of the retainer.



12. Sealing the door.

CAUTION: Use only SIKA Sikasil NG Silicone Sealant.

CAUTION: Apply silicone to the outside of the door only. silicone applied to the inside of the door will cause leakage and damage.

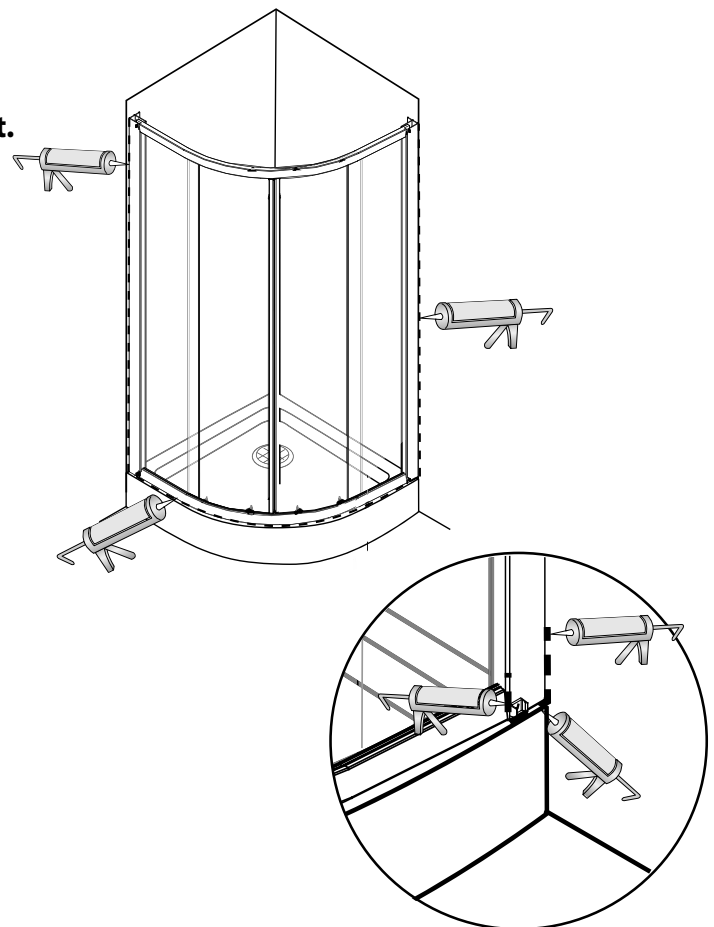
Thoroughly clean all surfaces. Remove all dust, dirt or grease from the bottom rail, retainers and shower tray.

For best results apply masking tape to within 5mm of the joints to be sealed.

Apply a bead of sealant around the outside of the door where:

1. The bottom rail meets the tray.
2. The retainers meet the wall and the tray.
3. In and around the bottom corners where the retainers meet the bottom rail, and behind the corner cover caps.

NOTE: Allow silicone to cure for 24 hours before using shower.



Apply silicone along the broken line

13. Fit door entry seals and corner covers.

Press fit the door entry seals into the channel in the top side of the bottom rail, and the underside of the top rail.

Press fit all four corner covers over the corner cover clips.

