

IMPORTANT - PLEASE RETAIN THIS DOCUMENT FOR WARRANTY REFERENCE. PLEASE ALSO ATTACH YOUR SALES RECEIPT FOR ANY FUTURE INQUIRIES

INSTALLATION GUIDE
Bilancio Round Shower Door Set

1 Contents

Introduction	Page 2
Contents supplied	Page 3
Tools Required / Safety Warnings	Page 4
Installing wall receivers	Page 5
Frame assembly and installation	Page 6
Fixing frame and door assembly	Page 7
Door Installation	Page 8
Door adjustment	Page 9
Door adjustment	Page 10
Sealant Installation	Page 11
Warranty / Cleaning and After sales service	Page 12

2 Introduction

Thank you for purchasing a Fibre Systems product. As a 100% New Zealand owned and operated company with over 35 years experience, we appreciate your support, and we're sure you will find this product to be of the highest quality.

This Installation manual is designed to provide you as much assistance as possible during the installation process. If at any stage you encounter confusion, we invite you to contact us at your earliest convenience. One of our technician's will be more than happy to talk you through any questions you may have. Our contact details are at the back page of this manual.

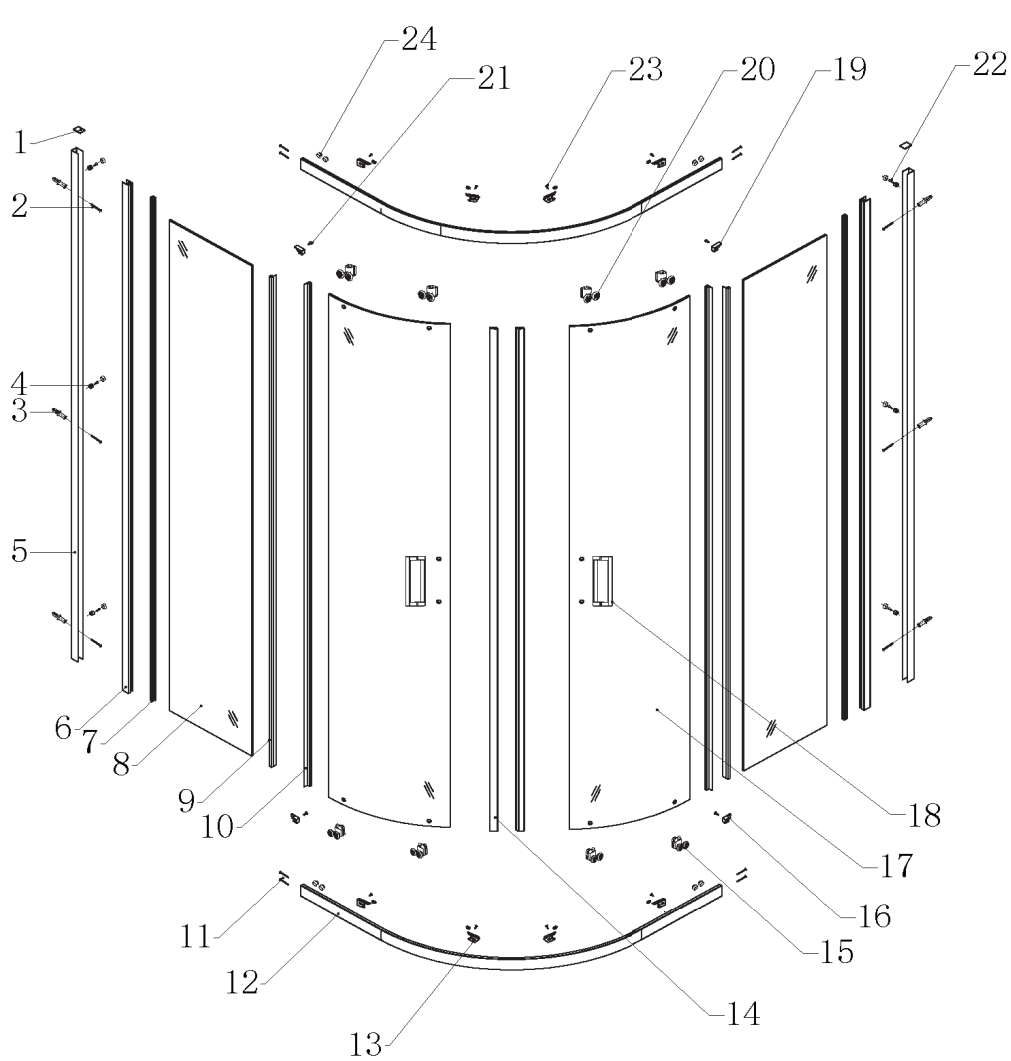
It is important to consider the implications not only to voided warranty, but also potential water leakage if Installation is not carried out correctly. It's always better to be safe than sorry.

This product has been manufactured to meet all of our quality assurance standards, and as required by the New Zealand Building code, or Glass is manufactured to meet all requirements of AS / NZS 2208.

This product is also covered by our full 10 year "NO NONSENSE" warranty. The full details of this can be found on Page 12 of this manual.

3 Contents Supplied

Please ensure that all parts listed below are supplied prior to starting installation



PARTS LIST


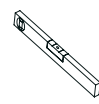

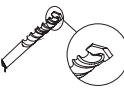

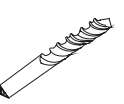
Part Number	Description (QTY)
1	Wall Receiver Cover Caps LH/RH (2)
2	Fixing Screws 3.9mm x 35mm (6)
3	Hollow Wall Anchors (6)
4	Screw Collars and Caps (6)
5	Wall Receivers (2)
6	Vertical Extrusions (2)
7	Vertical Glass Seals (2)
8	Glass Return Panels (2)
9	Weatherseal Short (2)
10	Weatherseal Long (2)
11	Fixing Screws 3.5mmx19mm (8)
12	Top + Bottom Frame Hoop (2)

Part Number	Description (QTY)
13	Door Stops LH/RH (8)
14	Magnetic Door Seal (2)
15	Bottom Roller (4)
16	Glass Retainer Clips Bottom (2)
17	Glass Door Panels(2)
18	Door Handle (2)
19	Glass Retainer Clips Top LH/RH (2)
20	Top Roller (4)
21	Fixing Screws 3.5mmx13mm (4)
22	Fixing Screws 3.5mmx9.5mm (6)
23	Fixing Screws 3.5mmx9.5mm (8)
24	Screw Fixing Caps (8)

4

Tools Required

	Flat head Screwdriver
	Phillips Screwdriver
	Marking Tool
	Drill
	Hammer

	Tape Measure
	Level
	Caulking Gun / Silicone
	6mm Tile Drill Bit (if wall surface is tiled and hollow wall anchors are installed)
	3mm Tile Drill Bit (if wall surface is tiled and solid timber mounting is available)
	3mm HSS Drill Bit

** We Recommend the use SIKA Sikasil NG Artic White Silicone or Clear Silicone

Safety / Warnings

The Glass Panels of this product are made from high quality Safety Glass.

The nature of Safety Glass means that it is highly impact resistant on its FACE (flat side). However, it is sensitive to impact on its edges. Take all possible steps to ensure the edges of the glass panels are protected from impact during installation.

Acrylic Trays and Wall Linings react the same as Safety Glass, so do not drop or hit an edge as product damage may occur.

Safety Glass cannot be cut or drilled - Product damage and risk of injury may occur.

Please take all possible steps to ensure that the correct personal protection equipment is used and that care is taken during the installation of this product.



Dust Mask



Safety Goggles



Ear Protection

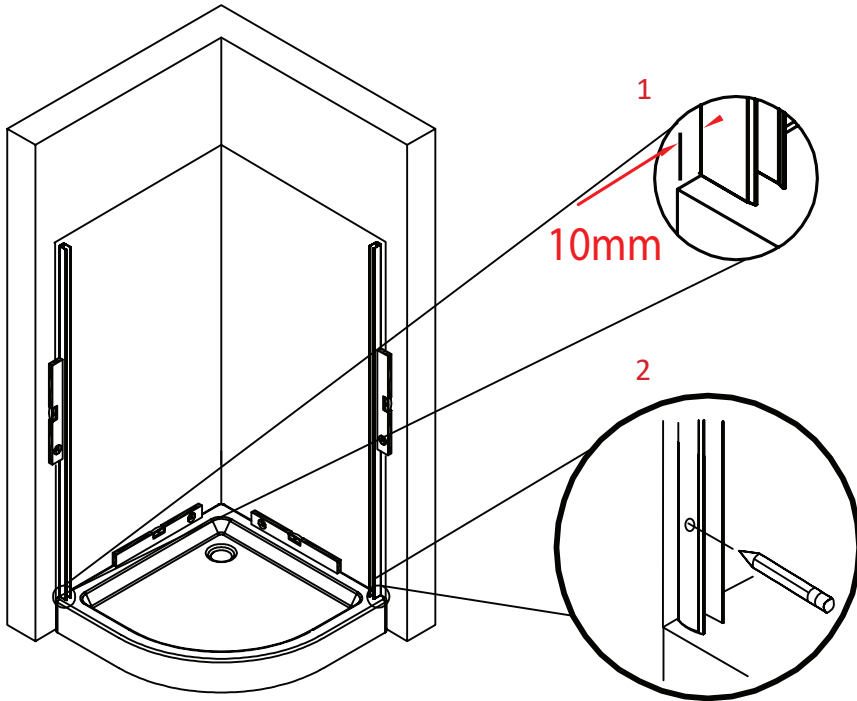


Safety Gloves

5

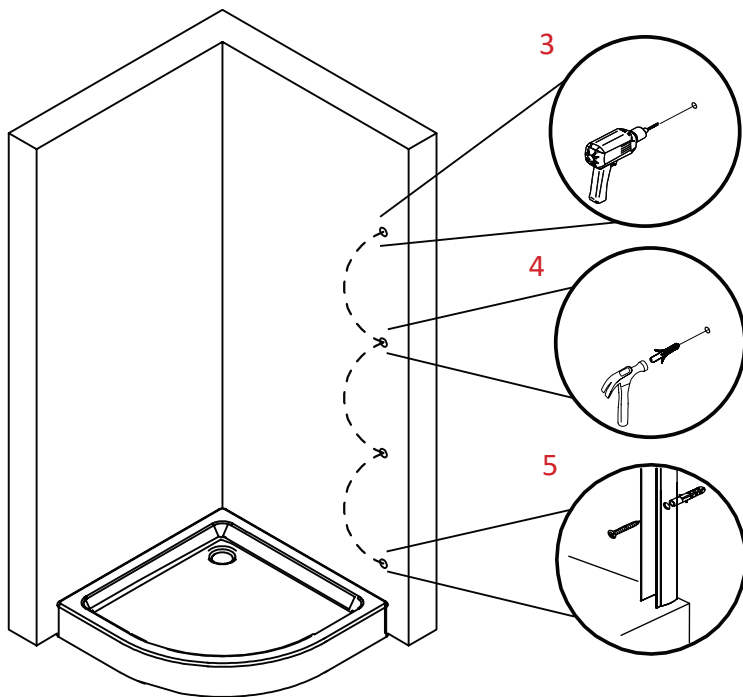
Installing wall receivers

Before installing the wall receivers the shower tray and wall liner must be installed in accordance with the separate instruction manual.



Step 1 - Measure and mark on the wall surface 10mm **INSIDE** of the outer edge of the tray. Both sides of the tray.

Step 2 - Place the wall receiver on this mark. Ensure the wall receiver is vertically plumb with a level, and mark hole positions on wall surface.



Step 3 - Drill 3m Pilot holes.

Step 4 - If the walls are hollow, drill a 6mm hole, and install the hollow wall anchors.

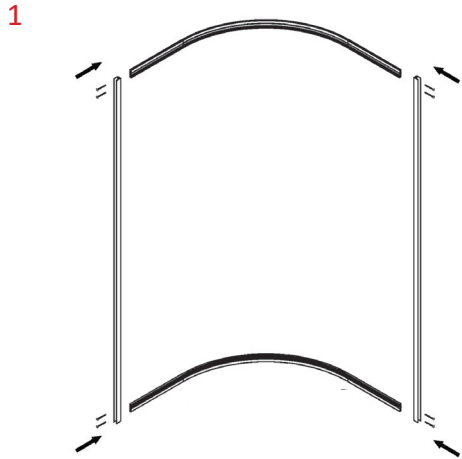
If you have solid timber fixings (preferable), drill a 3mm pilot hole through the wall surface.

Step 5 - Install screws through wall receivers and into wall/ anchors. Run a small "eyebrow" bead of silicone onto the thread as you insert the screw.

6

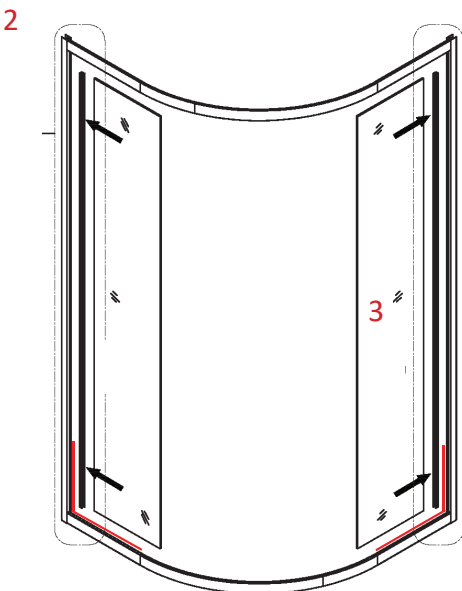
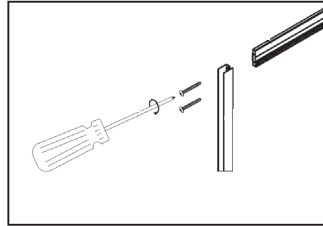
Frame Assembly and Installation

Hint - The frame can be placed in reverse INTO the installed tray and liner to support the assembly process.



Step 1 - Fasten the top and Bottom Hoops (12) to the Vertical Extrusions (6) with Fixing Screws 3.5mmx19mm (11).

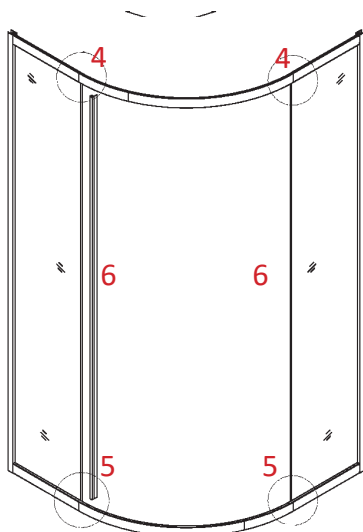
Caution take your time when installing these screws as they have to cut a thread into the hoop. If the screw meets resistance whilst tightening, back the screw out and then continue tightening, until the frame is tight.



Step 2 - As a precaution to aid sealing, install an even bead of silicone onto bottom "hoop" (12). The hoops (12) have a recess which the glass fits into, on the vertical face of the recess, install an even bead all the way from the retaining clip hole to the end of the hoop then vertical up the vertical extrusion (6) approx 300mm.

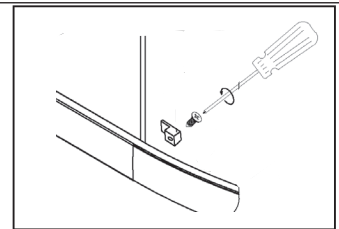
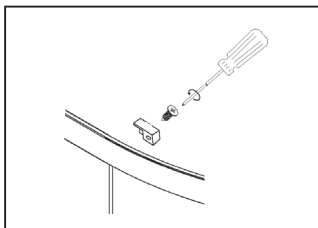
Step 3 - Insert the vertical glass seal (7) onto the glass return panel (8) and insert components into the vertical extrusion.

To aid insertion of the seals into the extrusion spray soapy water into the vertical extrusions before insertion.



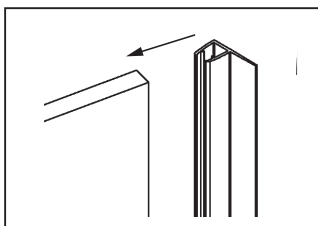
Step 4 - Install glass retainer clips top LH/RH (19) into the top hoop (12)

Step 5 - Install glass retainer clips bottom (16) into the bottom hoop (12)



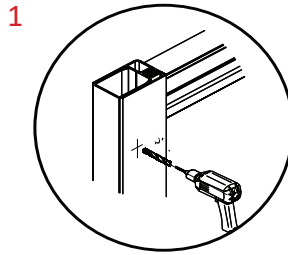
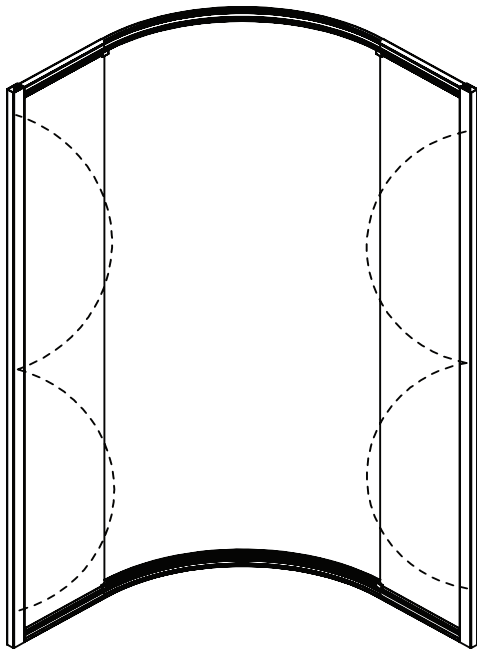
Remove any excess silicone.

Step 6 - Install Weatherseal Short (9) onto the outside edges of the return panels

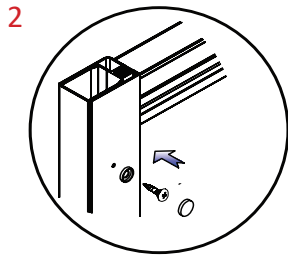


7

Fixing Frame And Door Assembly

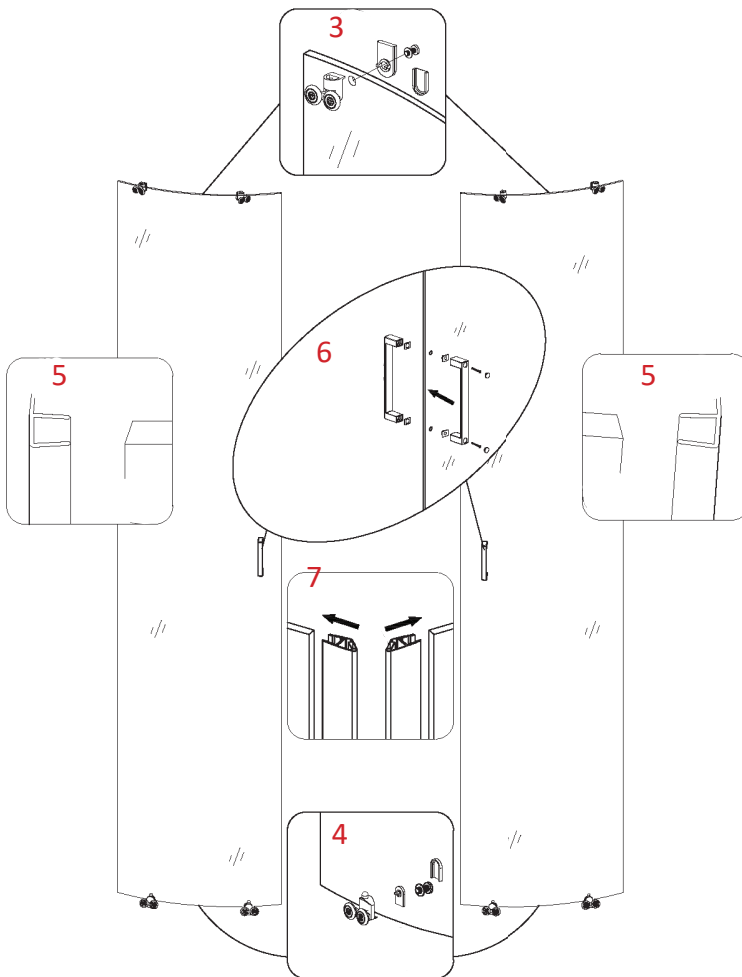


Step 1 - From the INSIDE Drill 6 x 3mm holes through the wall receiver and the framing. Take care not to drill through the glass



Step 2 - Install the screw retaining collars onto the 4x12mm screws (x6). Install the screws into the 3mm holes. Install the cover caps.

CAUTION - When assembling the door take great care not to damage the glass in anyway. As the door panels are safety glass they are extremely sensitive to impact on their edges.



Step 3 - Fit the top rollers (20) x 4 onto the glass door panels.

Step 4 - Fit the bottom rollers (15) x 4 onto the glass door panels.

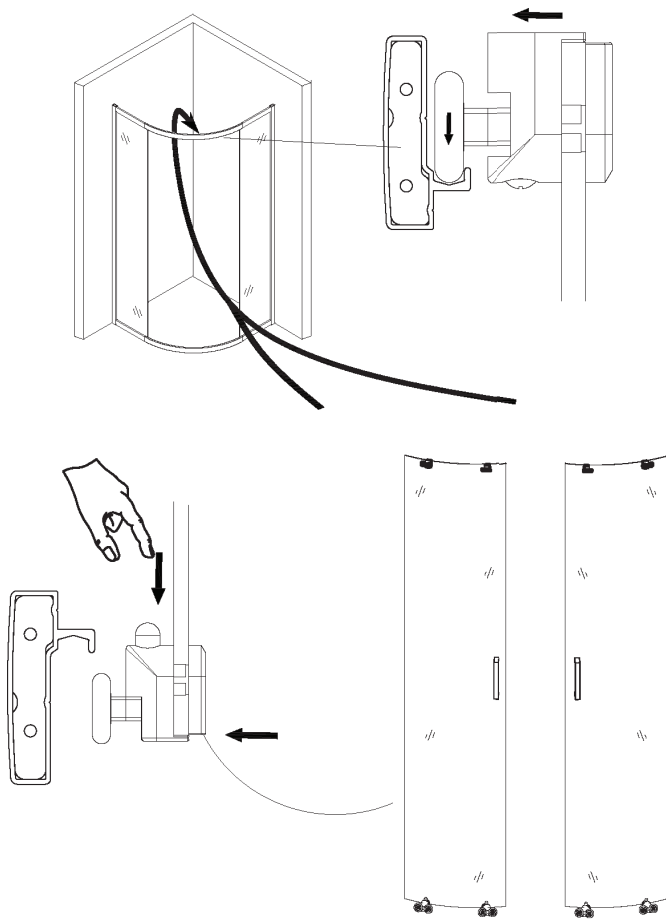
Step 5 - Fit the Weatherseals Long (10) onto the glass door panels.

Step 6 - Fit the Door Handles (18) onto the glass door panels.

Step 7 - Fit the Magnetic Door Seal (14) x2 onto the glass door panels.

8

Door Installation



Step 1 - Hang the door panel from the top hoop by inserting the rollers into the top hoop extrusion as per the diagram provided on the left.

Step 2 - With the door panel now hanging from the top hoop, press the bottom roller button down and insert the roller into the bottom hoop.

If the bottom roller will not insert into the hoop, then go to the door adjustment guide and lower the door until the bottom roller will engage into the hoop.

9

Door Adjustment

PLEASE NOTE - THE ROLLER SHOWN BELOW IS FOR A DIFFERENT MODEL SHOWER, BUT THE METHOD OF ADJUSTMENT AND PROCESS IS EXACTLY THE SAME.

TOP ROLLER

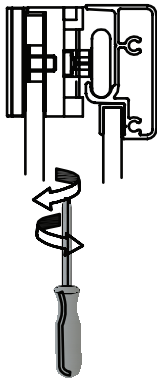
The top rollers have phillips head adjustment screws. These raise and lower the height on each side of the glass door panel. This allows adjustment overall of height, and adjustment of the way the doors fit together.

To **raise** the panel - turn clockwise

To **lower** the panel - turn anti clockwise.

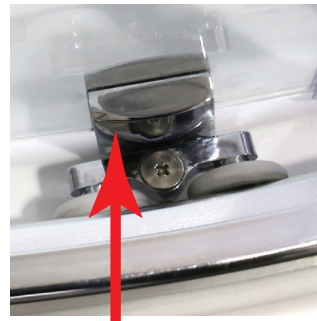


Adjustment screw

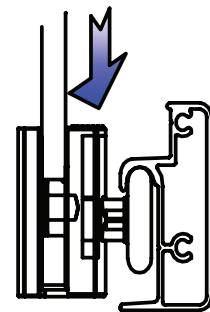


BOTTOM ROLLER

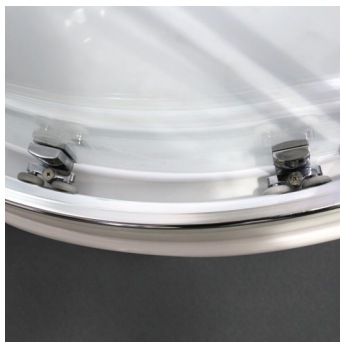
The bottom rollers have a flat surface on the chrome roller body. When this is pressed down, the sprung loaded roller will move downwards and disengage from the bottom framing.



Button



Primary Adjustment



Step 1 -

Now you should have 2 glass door panels hanging off their top rollers with the bottom rollers resting INSIDE of the bottom frame. Check if the front face of all 4 rollers are resting against the frame. If one pair of rollers is not touching the frame, adjust the TOP rollers up or down until all 4 rollers are resting against the inside of the frame.

Repeat this procedure on the other door.

Step 2-

Test both doors to ensure that the bottom rollers engage onto the bottom frame.

If they don't engage, then lower the door by adjusting both top rollers an equal amount of turns anti clockwise to lower the height of the door panel.

Do this until the bottom rollers engage and disengage from the bottom frame comfortably.

10 Door Adjustment

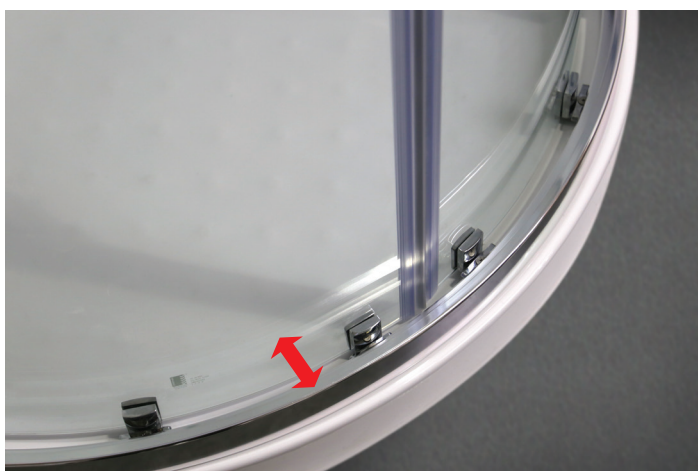
Secondary Adjustment



Step 1 -

Carefully check that the gap between the glass panels when both doors are in the closed position is equal from top to bottom.

If the gap is not equal than carefully adjust the rollers so that they lift or lower each side of the door panel, until the gap is equal.



Step 2 -

Check for the amount of front to back movement between the glass panel and the Frame. Move 1 door panel to the open position, and move one door panel to the closed position, and place your hand on the front of the glass panel. Gently push the glass panel inward and check how much movement there is. There should be only 1-2mm movement normally. More than this means the bottom rollers are not high enough in the bottom frame, and the sliding action will not be smooth.

To reduce the amount of movement, adjust the top roller screws, equal amounts to lift the door panel height.

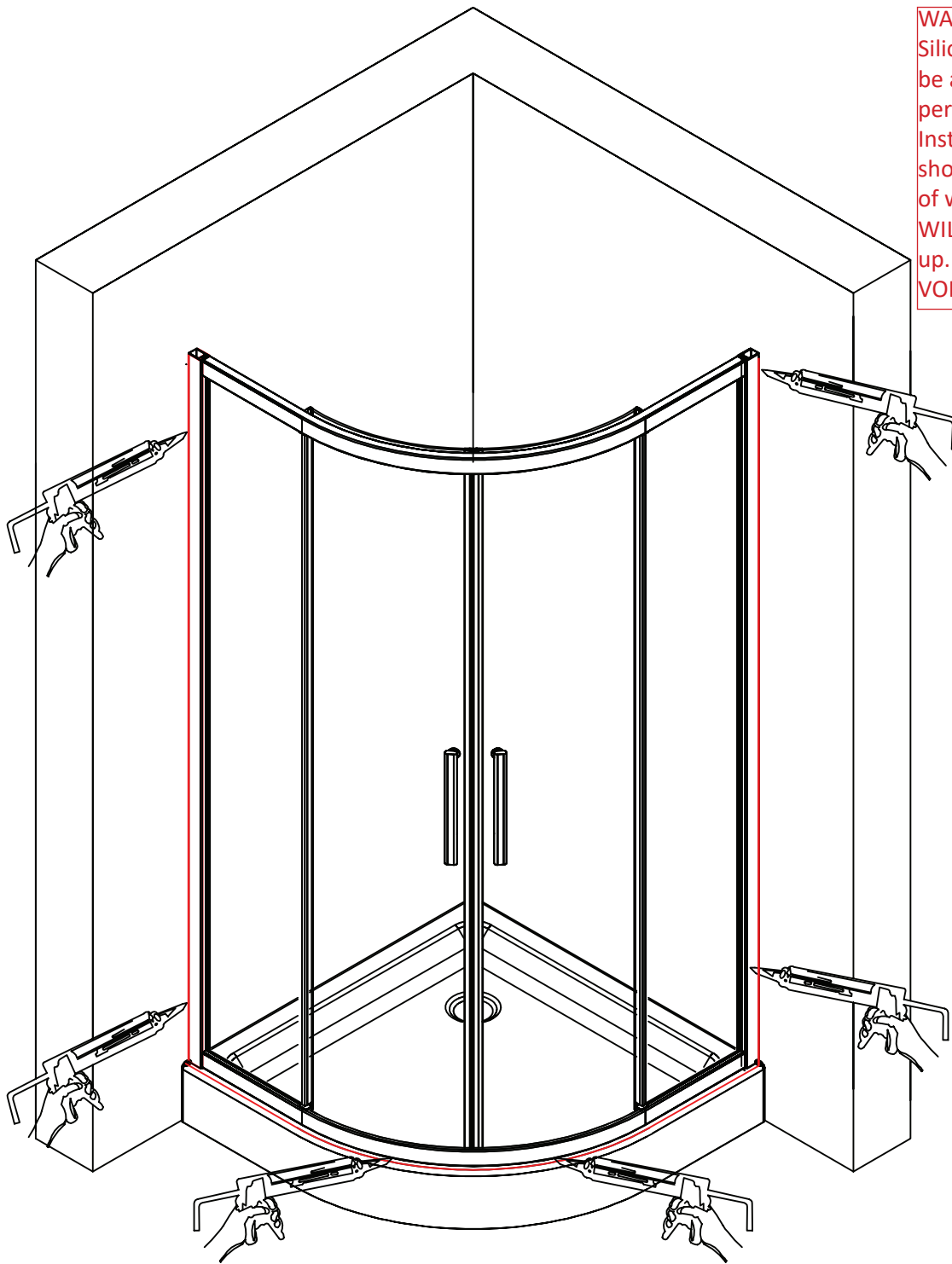
Check for movement again then test the sliding action of the door.

Step 3 -

Install seals to the fixed glass panels, and trailing edge of the glass door panels. Then install magnetic seals to closing edges of glass. - Ensure these are pushed on to the glass tightly. **HINT - If the Seals are tight on the glass apply glass cleaner or soapy water to the edges of the glass, which will act as a lubricant and aid the installation of the seals.**

11

Sealant Installation



WARNING -
Silicone sealant should only be applied to the **OUTSIDE** perimeter of the shower. Installing silicone inside the shower can cause blockage of water and leakage, and **WILL** cause mould build up. Your warranty **WILL BE VOIDED**.

Step 1 -

Apply a bead of Silicone to the **OUTSIDE** perimeter of the shower.
Apply a bead to the outside of the wall receivers where they meet the liner / wall surface. Continue this bead down to the junction of the liner / receiver and tray.
Take care at this junction to ensure the corner joint is completely sealed on the outside.
Repeat on the other wall receiver, then run a bead around along the joint between the door frame and tray. Trim and allow to dry for 24 hours.

12 Warranty

All bathroomware products supplied by Fibre Systems carry our Quality Assurance and Product Warranty. We use the highest quality materials available and manufacture these in accordance with New Zealand specifications and requirements to ensure that all products are fit for the intended purpose for which they are designed. Our customer's peace of mind is of paramount importance to us.

Warranty Periods

Baths	10 years
Showers	10 years
Shower Screens and Doors	10 years
Silva and White Coatings	10 years
E-Line + Squareline + Dezine Showers	5 years
Black Coatings	5 years
Aquaknight Easy Clean Wastes	7 years
Accessories	2 years

Warranty Exclusions

The product must be installed according to the FIBRE SYSTEMS instructions.

The water supply temperature applied to the product must not exceed 55 degrees Celsius.

All cleaning and cleaning products must be in accordance with our cleaning instructions and guidance.

Commercial Applications (where products are installed in a building where occupancy is via a commercial arrangement i.e. a rental property, hotel, hostel etc) are restricted to a 2 year warranty on all products.

13 Cleaning

Please refer to our cleaning instructions document for guidance, available on our website

14 Aftersales service

We trust you have found the manual helpful during the installation of this product. However, if you have any questions at all regarding your product, please feel free to contact us.

Phone 09-274-7423

Fibre Systems Ltd

77 Cryers Road

East Tamaki

Auckland