



INSTALLATION GUIDE

Pinnacle Wall Linings

Introduction / Tools Required / Safety Warnings	Page 3
---	--------

Wall preparation and panel marking	Page 4
------------------------------------	--------

Panel marking and cutting	Page 5
---------------------------	--------

Installing wall panels	Page 6
------------------------	--------

Warranty	Page 7
----------	--------

2 Introduction

Thank you for purchasing a Fibre Systems Product. As a 100% New Zealand owned and operated company with over 34 years experience, we appreciate your support, and we're sure you will find this product of the highest quality.



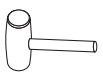
This installation manual is designed to provide you as much assistance as possible during the installation process. If at any stage you encounter confusion, we invite you to contact us at your earliest convenience. One of our technicians will be more than happy to talk you through any questions you may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


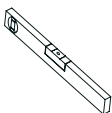

It is important to consider the implications not only to voided warranty, but also potential water leakage if installation is not carried out correctly. It's always better to be safe than sorry.

This product has been manufactured to meet all of our quality assurance standards.

This product is also covered by our full 10 year "NO NONSENSE" warranty. The full details of this can be found on Page 7 of this manual.

3 Tools Required

	Marking Tool
	Drill
	Hammer

	Tape Measure
	Level
	Caulking Gun / Silicone

** We recommend the use SIKA Sikasil NG Arctic White Silicone
And SIKA Showerbond

Safety / Warnings

Warning - These wall panels are fragile on the edge. If they are mis-handled or cut with the wrong tools, the edges and sheet can easily be damaged.

Safety - 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.

Wall preparation and panel marking

Wall preparation

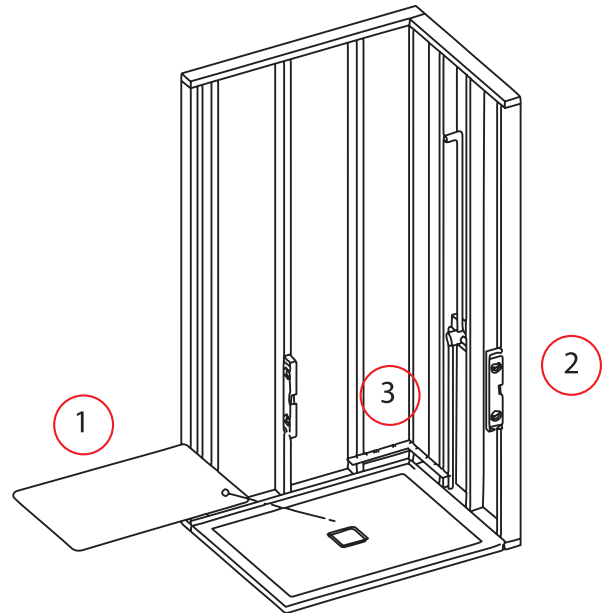
Prior to lining the frames with gypsum board, it is critical to ensure the framing is plumb and square.

It is critical to ensure the shower tray has been installed as per the manufacturer's instructions and is level to provide a flat level surface for the panels to fit to.

1. COVER THE SHOWER TRAY with cardboard to protect it from damage
2. Check all framing is vertically plumb, and with a straight edge check for bowing or irregularities in the framing.
3. Ensure the corner(s) is at 90 ° and the framing is vertically straight

Line the walls, and leave UNPAINTED and free of any dust or debris.

Attempting to install Panels onto Painted or dusty surfaces will cause poor adhesion, and void warranty

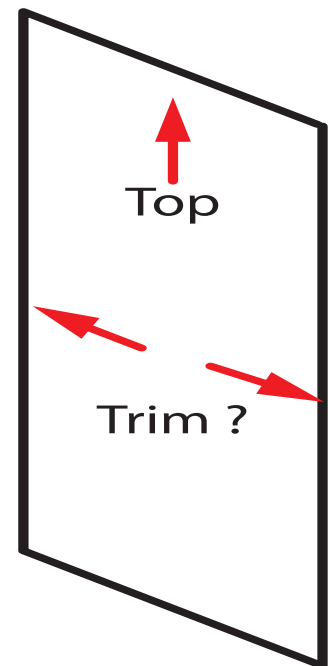


FULLY INSPECT ALL PANELS PRIOR TO CUTTING

Panel pattern matching

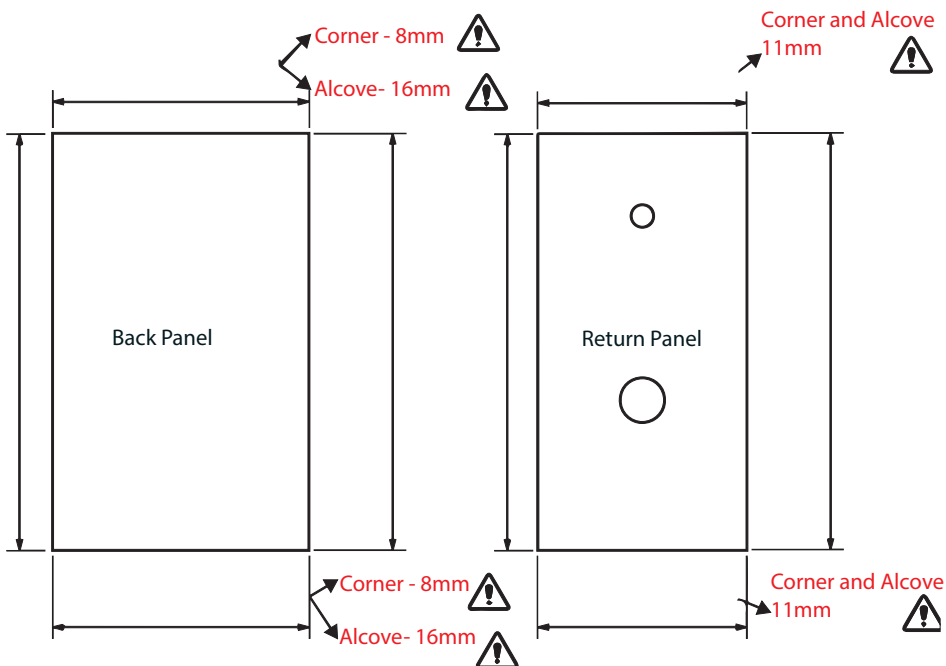
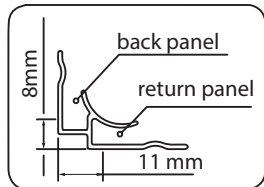
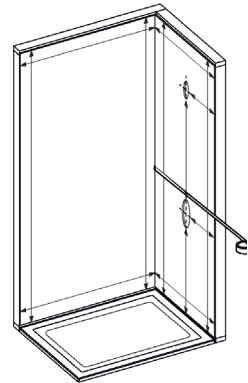
It is critical to lay out all panels standing up, and to identify the pattern so it can be matched together. This is **also important** for Slate patterned panels as the slate texture finish runs in a uniform direction on every panel.

Mark the TOP of each panel.



Panel marking and cutting

Carefully mark out the required width of the panels, and all penetrations. Allow for the corner joiner clearances as per the example below. It is critical to subtract the correct value when measuring the applicable sheet width to suit the corner joiners. Remember an ALCOVE is a 3 Sided Liner installation (2 side sheets and 1 back sheet). And a corner shower is a 2 Sided sheet installation.



Trimming to suit corners which are not vertically plumb.

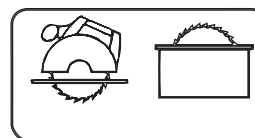
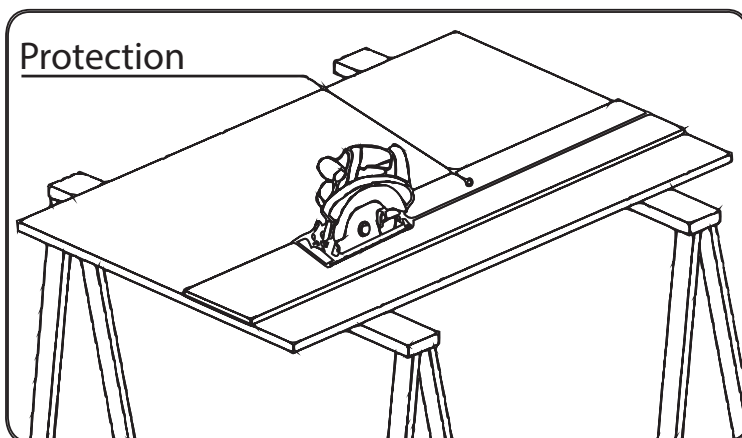
Another method of achieving a perfect fit into corner which is not vertically plumb is to -

- Use a level and mark a line from the outside of the shower tray all the way up to the top of the wall linings.
- Adhere the corner joiner into the corner using SIKA SHOWERBOND
- Measure from the line to the edge of the corner joiner at the top, middle and bottom of the wall.
- ADD onto those measurements the internal joiner clearance.

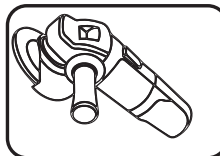
To cut the wall linings

Pinnacle wall panels can be cut with either a circular saw or table saw fitted with a fine tooth (144+ tooth blade), and angle grinder fitted with a Stainless Steel cutting blade, and can be drilled with a fine tooth Steel hole saw.

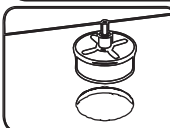
Carefully place the sheet flat and use a small sheet of wood to protect the finish surface of the panel whilst cutting. If the edge is not 100% smooth after trimming, then it can be gently sanded with 150 grit paper to finish.



Circular or table saw with 144t blade



Angle grinder with S/S cutting blade



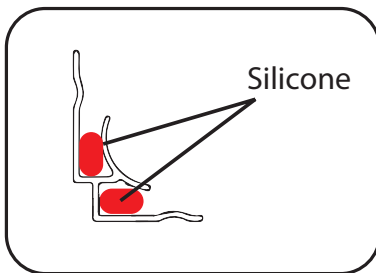
Hole Saw with fine tooth Steel bit

6

Installing wall panels

2 Sided Installation

1. Measure and mark the finished height of the panels on the Gypsum wall linings.
2. Run a generous bead of Sika SHOWERBOND approx 50mm below the top and approx 50mm above the bottom of the linings.
3. Install the Corner Joiner into the internal corner, and press this into the corner until it fits tightly to the gypsum wall linings, and finishes tightly onto the tray surface.
4. Run 2 generous (6-8mm diameter) vertical beads of Sika SHOWERBOND approx 40mm from each side of the corner joiner. It is advisable to also install the Sika NG SILICONE onto your shower trays up stand. Follow the manufacturer's instructions.
5. Run 5-6mm diameter Vertical beads of Sika SHOWERBOND adhesive at 80mm apart. DO NOT run horizontal beads, and DO NOT loop the beads at the top or bottom. **Failure to install the adhesive properly will void warranty.**
6. Install 2 beads of Sika NG SILICONE into the corner joiner as per the diagram below -

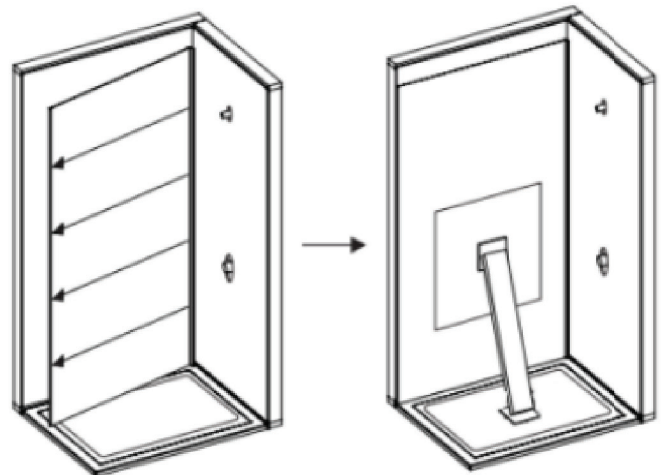
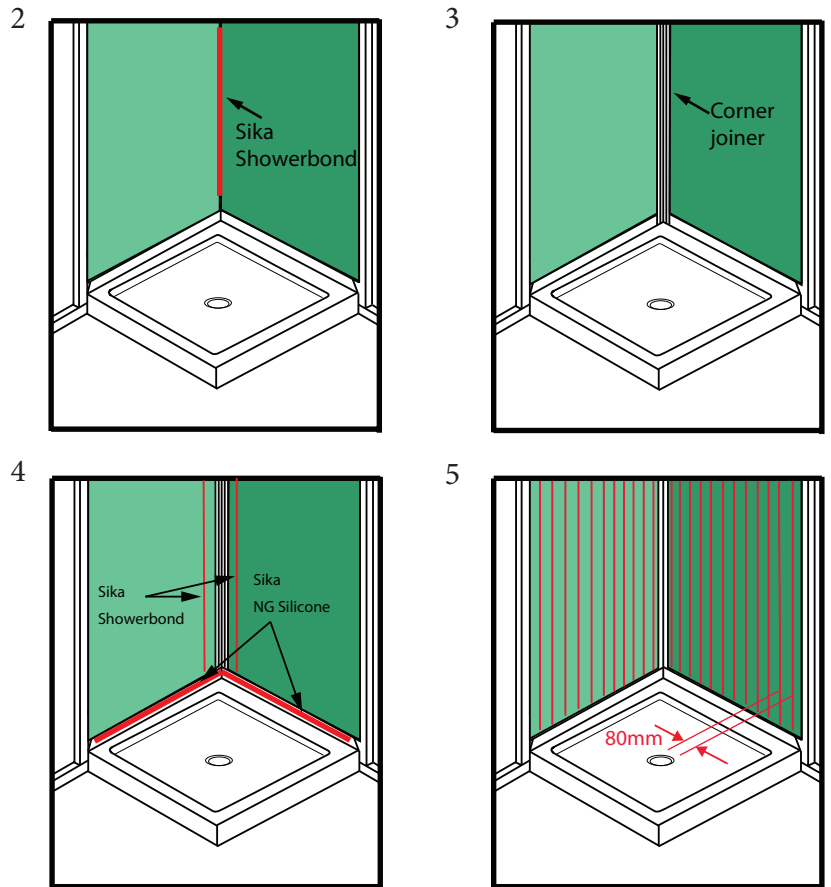


7. Insert the panel into the corner joiner then push it back onto the wall gently, using a cloth to push gently.

We recommend wrapping a soft towel around a small length of framing timber and using this as a tool so the panel can be pushed harder back onto the wall.

Work from the outside into the corner slowly and apply plenty of pressure as you work over the entire sheet.
8. Repeat the process for the second panel, and clean off any excess silicone.
9. Once both panels are installed brace them into position, and allow the adhesive to cure.

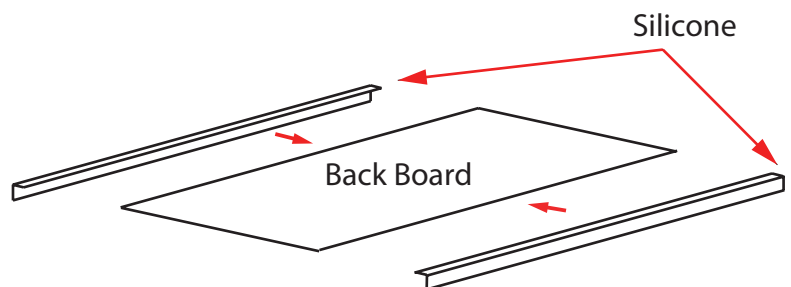
You will need the room to be at 20° C for 24 hours for the adhesive to fully cure.



! ALCOVE BACK WALL INSTALLATION !

If you are installing an alcove shower.

1. Install both corner joiners onto the back wall panel with Sika NG SILICONE, as above.
2. Then run a bead of Sika SHOWERBOND on the internal corners of the gypsum walls to adhere the corner joiners to the gypsum wall linings
3. Install the wall adhesive and silicone as per the above steps, then the back panel and both corner joiners can then be installed as one unit, and the corner joiners can be adjusted to better fit the corners once in place.



7 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

Pinnacle Shower Trays and Wall Linings 10 years

Warranty Exclusions

The product must be installed according to the instructions supplied.

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

Commercial applications are restricted to a 2 year warranty on all products

8 Cleaning

Pinnacle Shower Trays and Wall Linings are manufactured to exacting standards from material composed of Resin, Fillers, and reinforced with Glass fibre. By its design it is very robust and chemical resistant, and to clean only a soft damp cloth with non- abrasive cleaning products should be used on the surface of your shower tray.

9 Aftersales service

We trust you have found this 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