

INSITU SHOWER SHELF

# INSTALLATION GUIDE



## IMPORTANT INFO

### THIS GUIDE

This document is a guide only and does not cover all unforeseen onsite circumstances. The information within this guide is designed to assist with installation of the systems. A tradesman, builder or DIY'er must draw on trade skill/knowledge to overcome onsite challenges that are not covered within this document as not all variants of site preparation can be predicted or covered.

### THE SYSTEM

ISB (Insitu Shower Base) and IPS (Insitu Panelling System) are a fully customizable precision made panelling systems designed to eliminate the use of sand and cement screeds. The weight reduction is of great benefit in relation to overcoming structural engineering challenges and compliment light weight construction. All ISB and IPS panels are constructed of a light weight water resistant formulation and are CNC machined to millimetre perfect dimensions including fall ratios that meet and often far exceed Australian Standard requirements. The panels are able to be manufactured in a range of profile thicknesses and are available in an advanced 'click' system to cover large areas. Demtech offer these technologically advance panelling systems in a variety of 'centre/off-centre' and linear grate style finishes. A factory protective coat of Cureflex SLR2000 is applied to each panel before dispatch (this does not form any part of the required waterproofing system to be applied after panel installation is complete). The ISB and IPS dramatically reduce onsite down time as they are fully cured in an average 48 hours (temperature dependant). Both Demtech ISB and IPS can be installed and waterproofed in the same day and allowed to cure as a complete system (application dependant).

All ISB, IPS and WP systems are tried and tested and are BRANZ approved including all Insitu, Cureflex and Nero product ranges. Nero products are all WaterMarked and meet Australian standard requirements.

### RECOMMENDATIONS

All ISB and IPS systems both internal and external require a full liquid membrane system applied over them once installed and cured. These waterproofing systems must meet the 'Australian Standards 'AS3740 for internal and AS4654 for external. Waterproofing systems applied over the ISB and IPS systems should utilize water based acrylic products. The Demtech ISB and IPS system is not a waterproof system in its self but can be made water tight through correct and thorough installation processes. Products that are tried and tested and have attained a full BRANZ approval for waterproofing application over ISB and IPS systems can be found in our Cureflex and Trims 'n' Finishes range. It is the responsibility of the builder, tradesman or user to ensure that all substrates and structures constructed/installed prior to installation of the Demtech ISB and IPS systems are compliant with the Australian Standards requirement, building codes and are constructed/installed in accordance to all manufacturers' recommendations. ISB and IPS are not 'self-supporting' (non-structural) and require standard flooring structures both internally and externally that comply with all building codes, Australian Standards and manufacturer's recommendations.

### WARRANTY

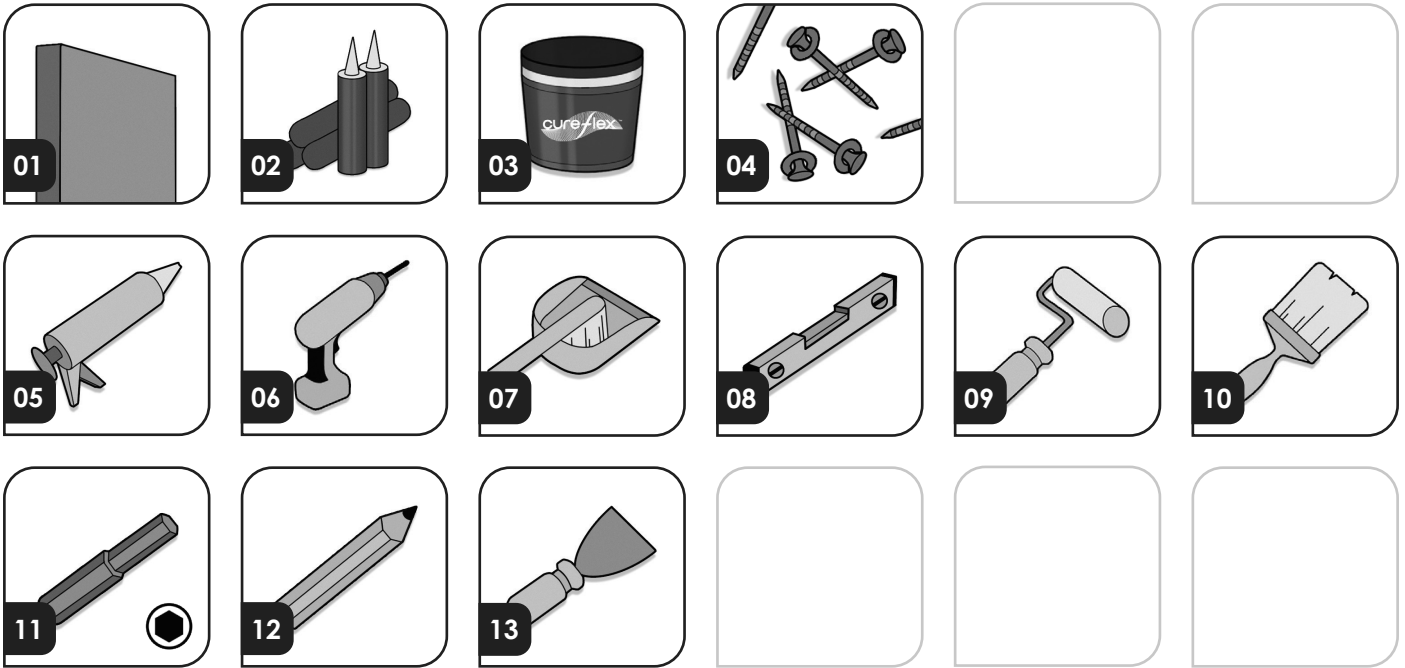
The products supplied in the Demtech ISB and IPS systems as well as materials are covered under a factory product warranty. That is that the products themselves are supplied without manufacturing fault from factory. Workmanship including installation and modification of the Demtech ISB and IPS systems is not covered by Demtech as a manufacturer of the products. This warranty responsibility and obligation is held by the party completing the installation and or modification of the systems supplied. Demtech take no responsibility for workmanship or installation of these systems completed by third party persons.

For further information on our products, systems and services visit our website at [www.demtech.com.au](http://www.demtech.com.au)

### WHAT'S REQUIRED

01. Insitu™ Shower Shelf
02. Cureflex™ HV124 Silane
03. Cureflex™ PG57 Primer
04. 150mm Hex Drive Screws
04. Zinc Plated Washers
  
05. Caulking Gun
06. Cordless Drill
07. Dustpan & Brush
08. 600/900/1200mm Level
09. Paint Roller (230mm max.)
10. Paint Brush (100mm max.)
11. Hex Drive Drill Bit
12. Pencil/Marker
13. Spatula

**WHAT'S REQUIRED**

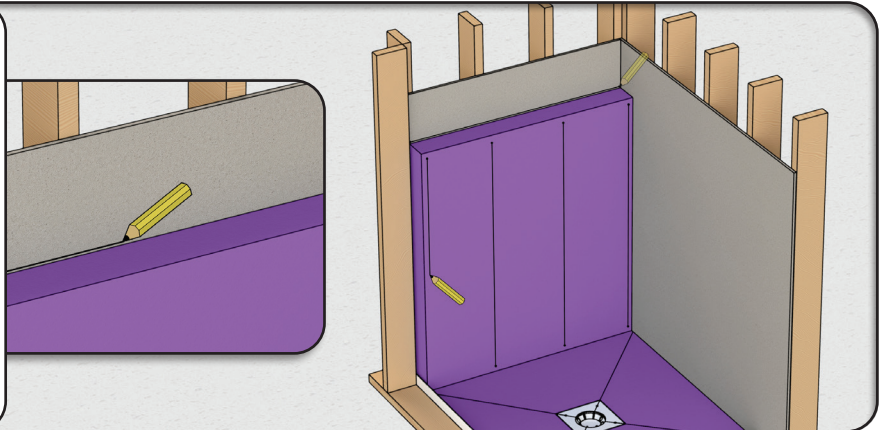


## INSTALLATION STEPS

### 01.

Ensure walls are well secured, plumb and flat prior to installation. Thoroughly clear the area of any debris to ensure a clean, dust free surface.

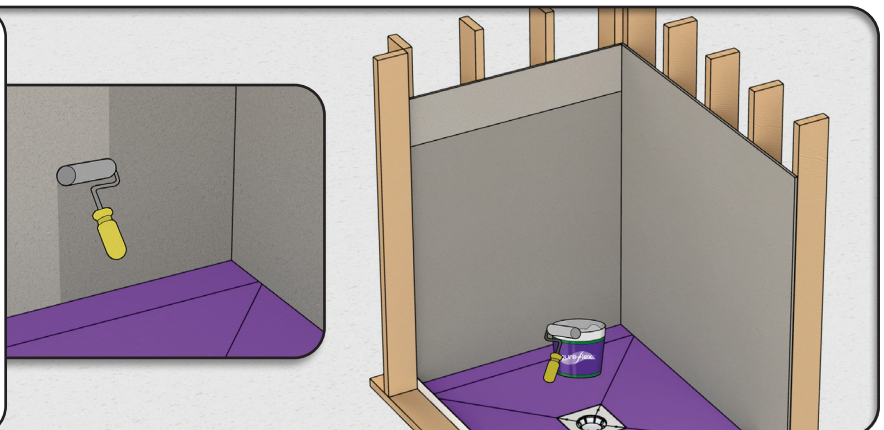
Dry fit the Shower Shelf and mark along the top surface with a pencil or marker. Additionally, on the Shower Shelf itself mark where the stud frames sit behind the wall linings, as shown here.



### 02.

Remove the Shower Shelf and prime within the marked area using Cureflex<sup>TM</sup> PG57 primer.

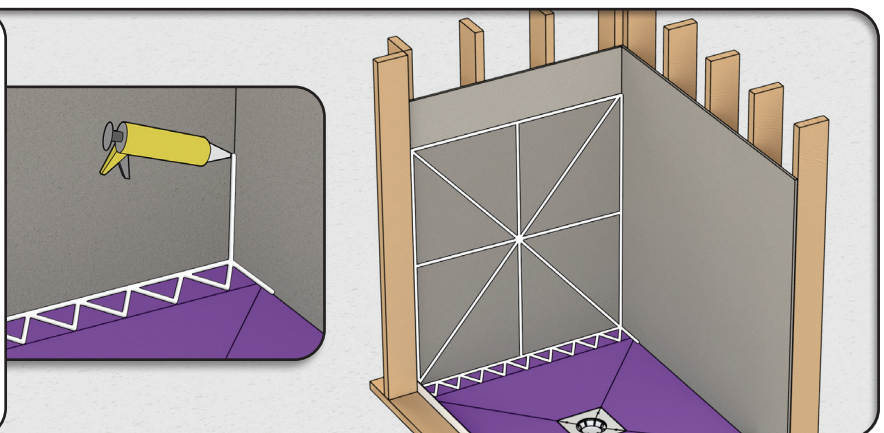
Apply a minimum of 2 coats allowing 10 to 15 minutes between coats. The surface will become darker in colour and tacky to the touch when dry.



### 03.

Apply Cureflex<sup>TM</sup> HV124 silane to both the shower base and the wall linings using continuous beads, as shown here.

In the corners where the Shower Shelf meets the shower base, ensure silane beads continue beyond where the Shower Shelf will be installed by **50mm**.



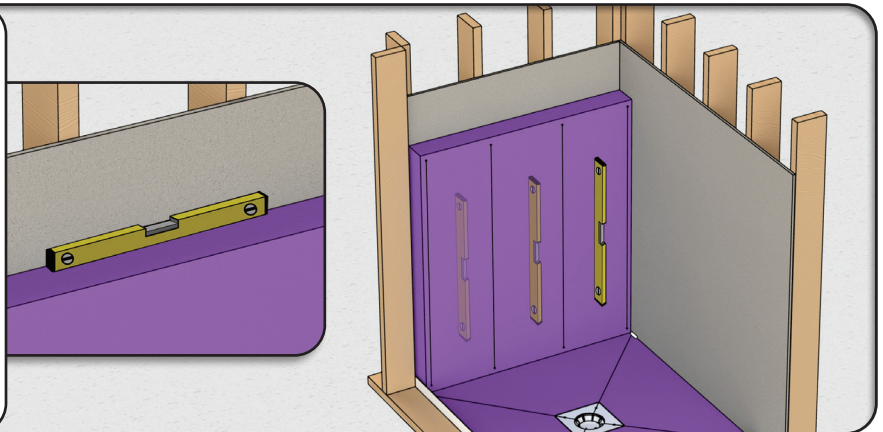
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### 04.

Install the Shower Shelf in the correct orientation ensuring the top surface falls towards the shower base.

Apply even pressure across the top and front surfaces to ensure proper adhesion of the shower base to the wall linings.

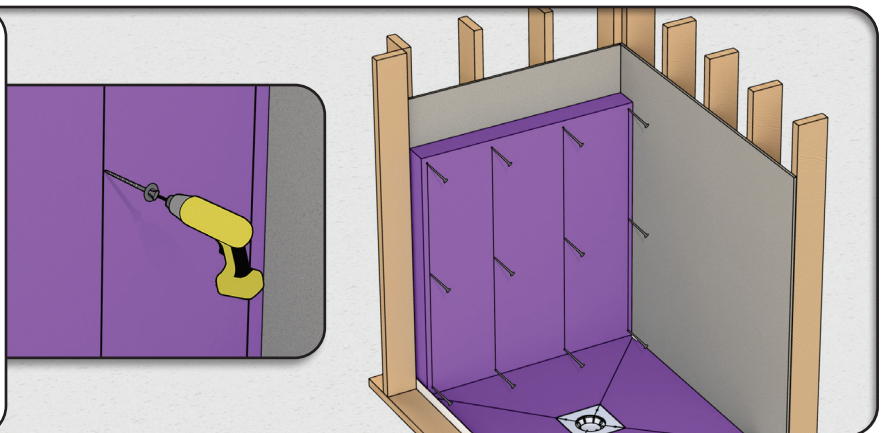
Check the level of the Shower Shelf in multiple areas and make any necessary adjustments before continuing.



### 05.

Using the markings from earlier, mechanically fix the Shower Shelf to the wall linings using **150mm** hex drive screws and washers.

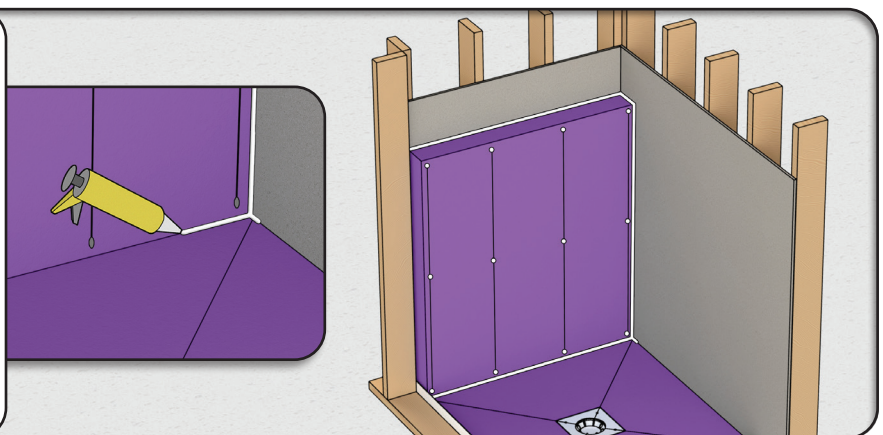
As a general rule, space the screws every **600mm** from top to bottom. Also ensure the screws penetrate the stud frames.

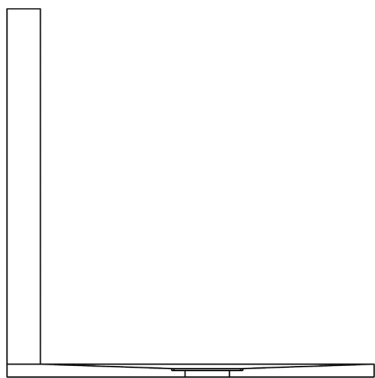
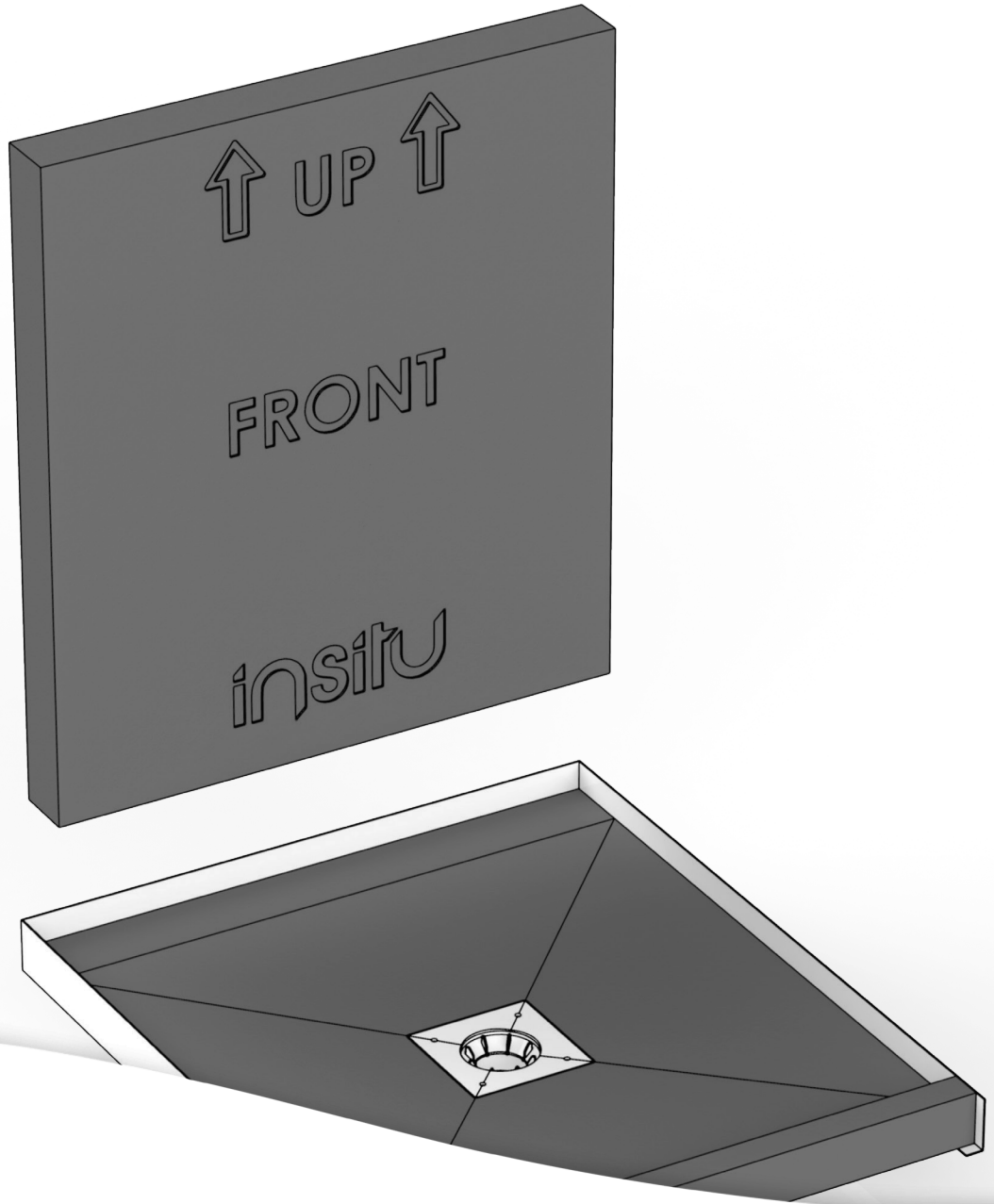


### 06.

Finally, silane the outer perimeter of the Shower Shelf and over the face of the exposed screws.

Smooth over all excess silane using a spatula tool, ensuring corners remain sharp for tiling. The shower cubicle is now ready for waterproofing.





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