

# NT Waterstops Installation Manual



**NEPTUNESTIDE**

W A T E R S T O P S

Installing a Side Panel Waterstop

GENERIC

### **Important Note:**

For the NT Waterstop to function correctly all steps need to be followed precisely. Incorrect installation or failure to adhere to the guidelines/instructions set out in this document could result in unsatisfactory performance, or water migration out of the shower. Please also note that **the shower waste needs to be detailed correctly in accordance with AS:3740** for the NT Waterstop to work to its peak performance capabilities. **This includes having the waste set to the correct height, correct waterproofing detail around the waste, and having the drainage points unobstructed** etc.

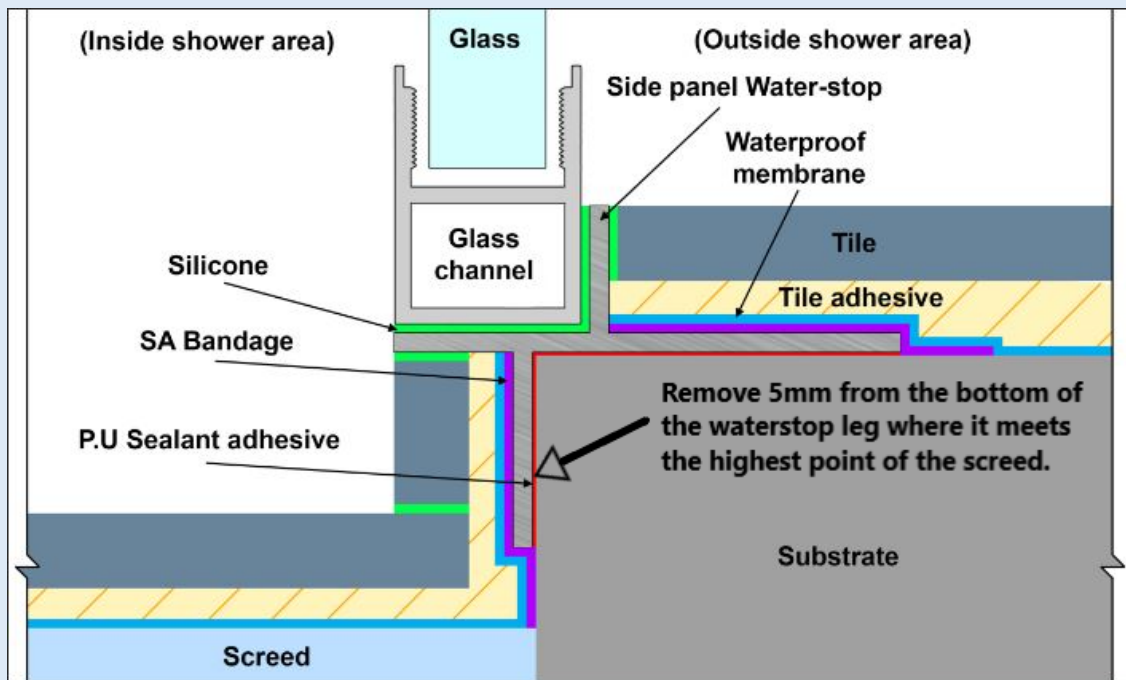
NT waterstops are designed to be used with any waterproofing system, as long as the membrane that is to be used in the installation is capable of adhering to aluminium as per the manufacture's recommendations.

**NT Waterstops will not be liable or held accountable for any issues resulting from incorrect installation.**

**The NT Waterstop is an ACCESORY to a waterproofing system, not a system in itself.**

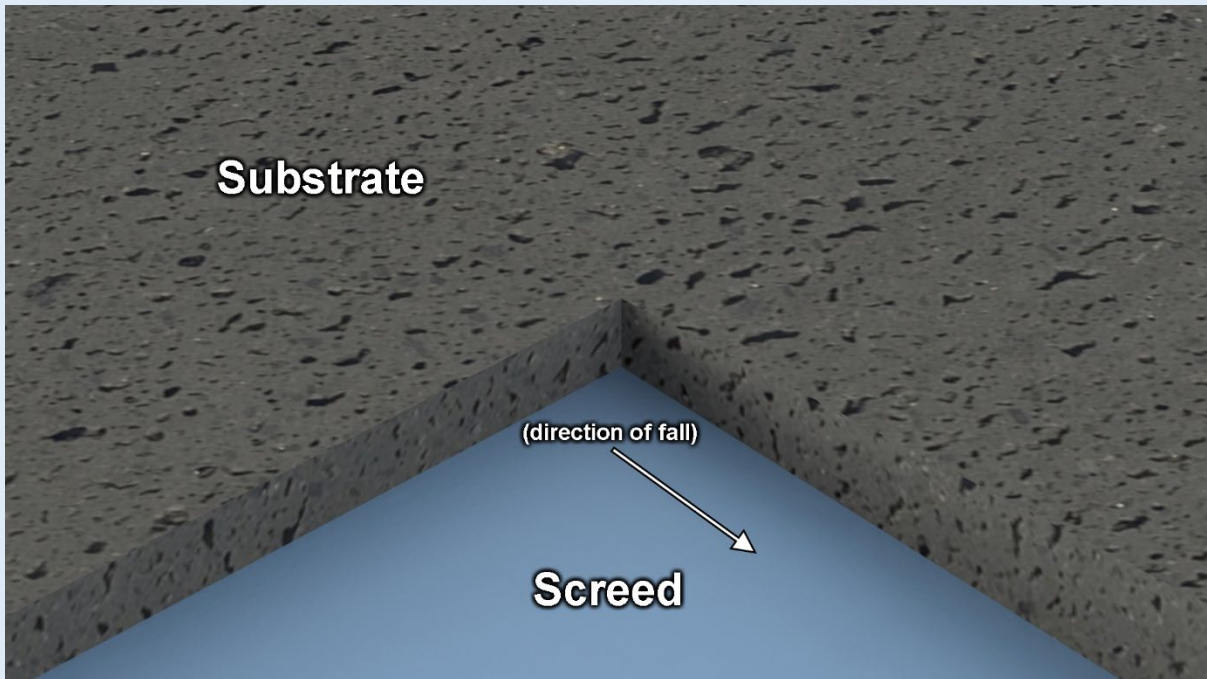


# 1. Preparing the Waterstop



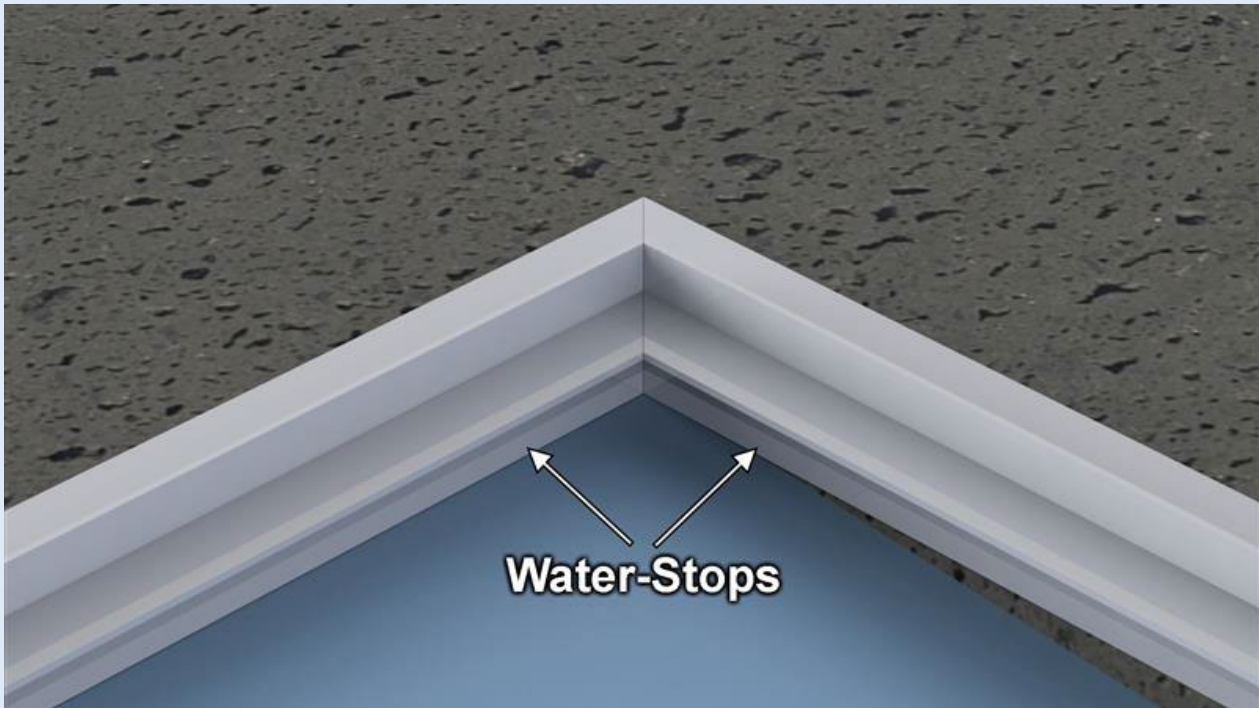
- ❖ The side panel water-stop has a 20mm drop down leg that can have 5mm cut from the bottom of the water-stop when installed at the highest point of the screed, so that the screed is 15mm lower than the concrete floor, to allow for the membrane, tile adhesive and tile to sit just under the ledge that hold the glazing channel.

## 2. Preparing the substrate



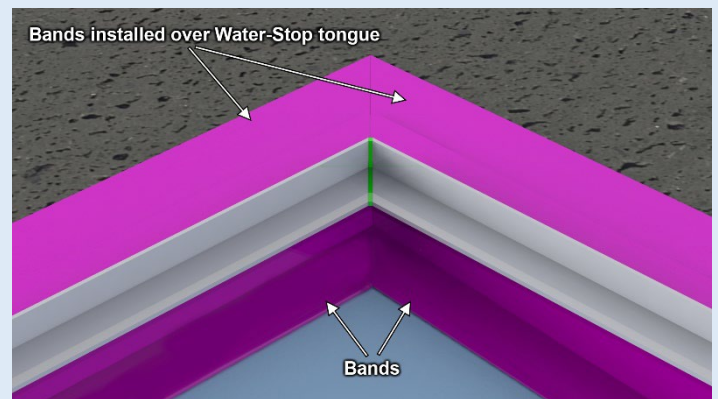
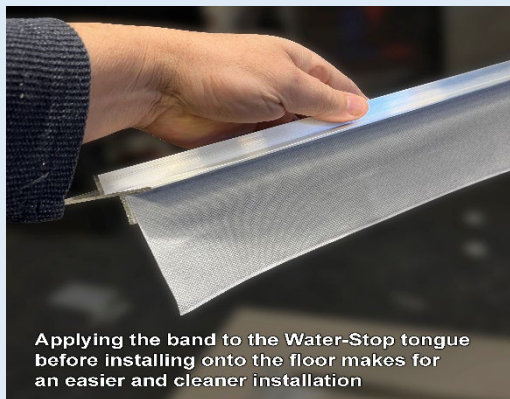
- ❖ Before installation of the NT Waterstop, **make sure the substrate and area where the NT Waterstop is to be installed is clean and free of debris.** It is important that this be done correctly to allow the adhesive, that is used to install the NT Waterstop, to properly adhere to the surface.
- ❖ From here, please be sure to apply any primer that is required by the manufacture to the substrates in accordance with the manufacture's guidelines.

### 3. Test Fitting



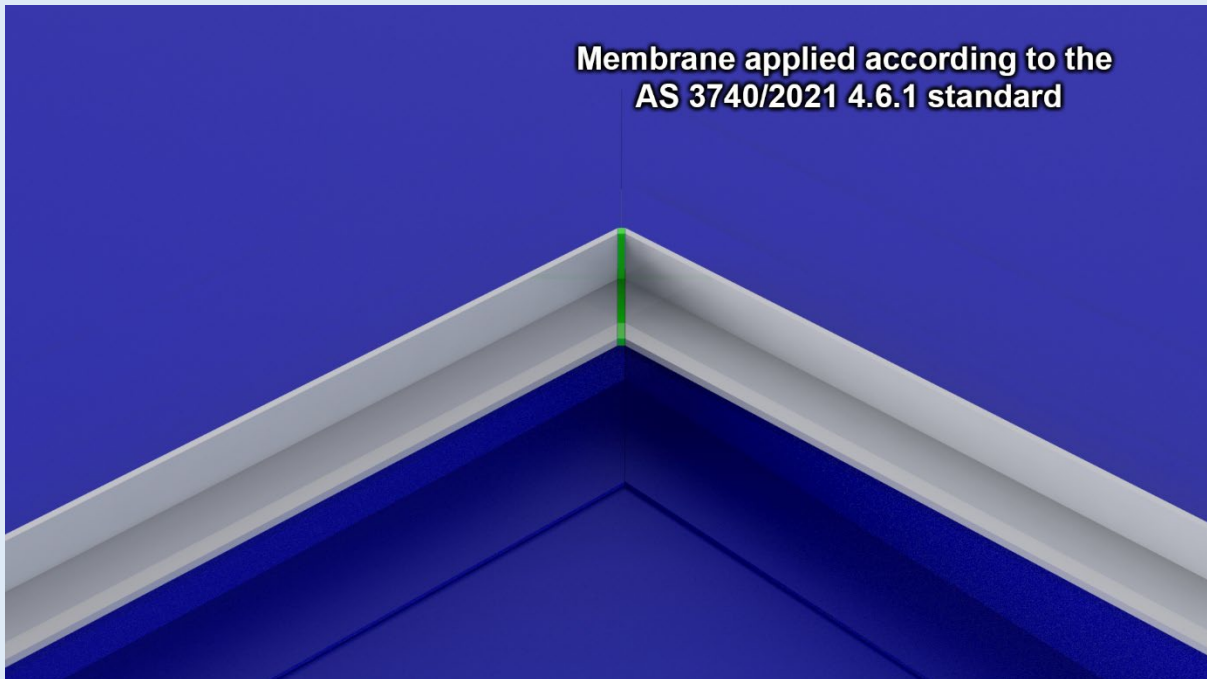
- ❖ Test fit the water-stop to make sure that the water-stop sizing is correct.
- ❖ The water-stop will require 5mm trimmed of the bottom tongue so that when tiles are installed the membrane, tile adhesive and tile can slip up under the ledge of the water-stop.

## 4. Installing the NT Waterstop



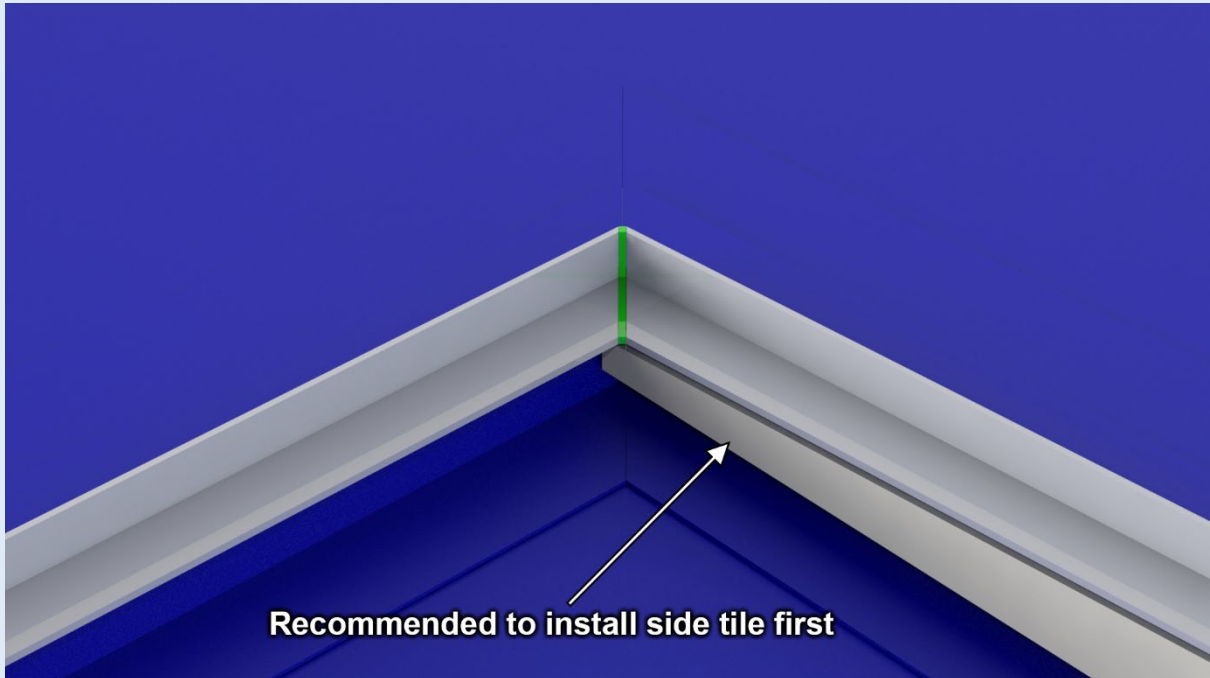
- ❖ Before installing the water-stop apply the self-adhesive bandage to the bottom tongue by removing the first section of paper protection, this makes it easier to install, rather than trying to install the self-adhesive band in a 15mm gap.
- ❖ Once the bands are installed on the top and bottom tongue of the water-stop, make sure that the internal junctions and mitred junctions are sealed, and the saddle bandages are installed.

## 5. Applying the 1<sup>st</sup> and 2<sup>nd</sup> Coats of Membrane



- ❖ Apply the first and second coat of membrane as per the manufacturer's instruction at the correct WFT (wet Film Thickness).

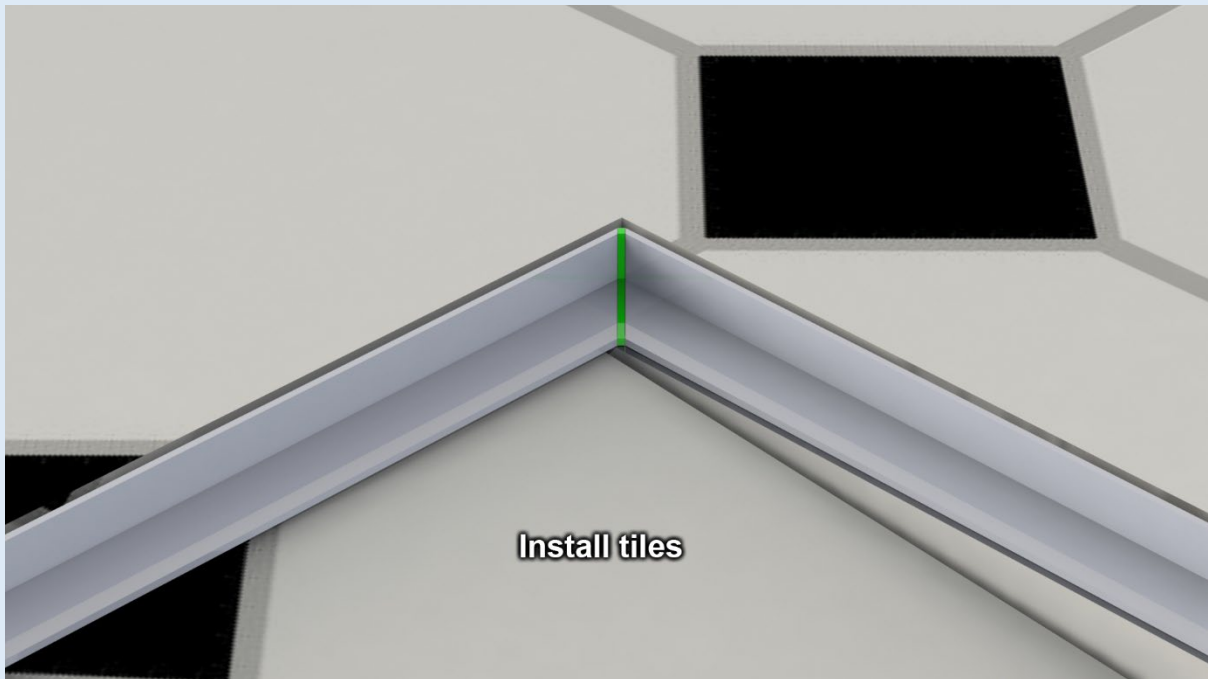
## 6. Cutting the First Tile



- ❖ When installing the tiles, it is best to install the rake cut upstand first as its easier to cut.

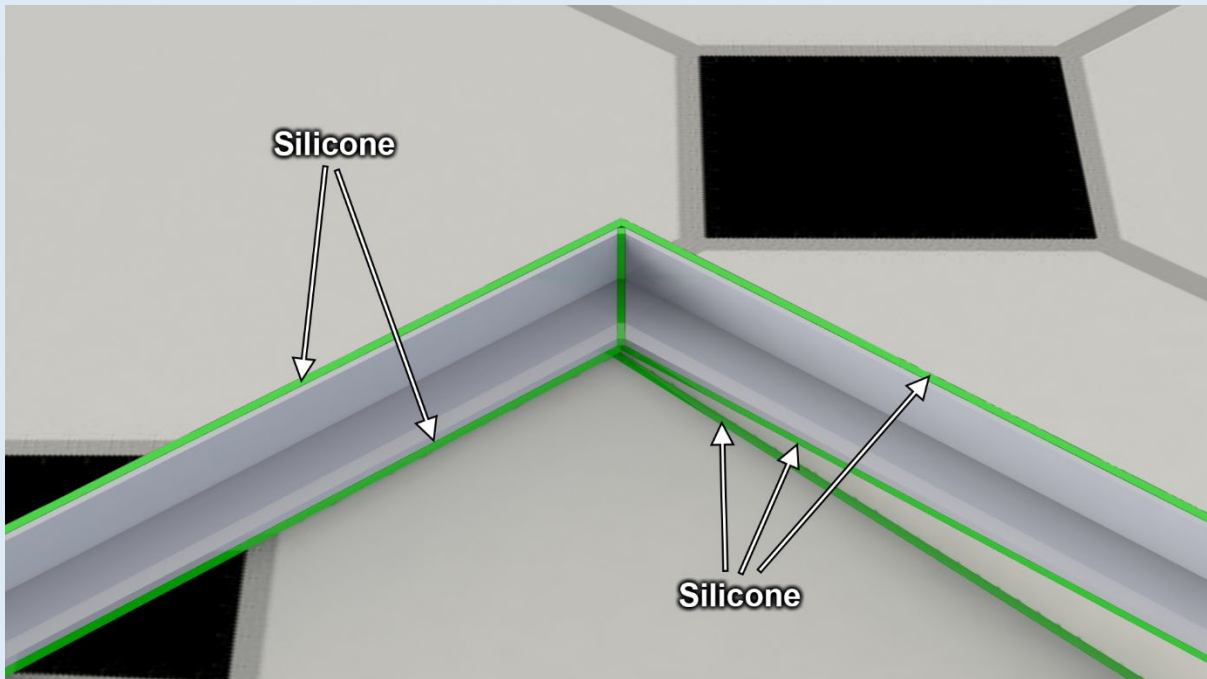


## 7. Tiling the Rest of the Area



- ❖ Install the floor tiles so that the tile sits under the water-stop ledge.
- ❖ The wall water-stop should be installed so that it is positioned centre of the water-stop ledge.

## 10. Finishing Stages



- ❖ Where the tile meets the water-stop it should be silicone. The Glass Channel is installed on the ledge and over the wall waterstop, so they remain unseen. Before the door is installed a 20mm strip of tile is cut (the length of the door and grout lines matching with the bathroom/shower floor), a trim installed (front edge of the tile and then silicone down on the ledge).
- ❖ Please make sure all membranes are applied within the manufacture's guidelines, and special care is taken regarding the correct dry film thickness and membrane cure times.
- ❖ The principal for membrane application is the same with all NT Waterstops.
- ❖ The NT Waterstop is designed to have the waterproofing terminate at the bottom of the vertical upstand, the waterproofing **can** be applied to the vertical upstand but should not be applied **directly over the top** of the vertical upstand. This is to allow ease of tiling and detailing when it comes to that part of the tiling process.
- ❖ Remember that regular maintenance of the shower is important. The NT Waterstop is designed to stop water migration from occurring **UNDER** the tiles. If the shower is not installed correctly or there is a lack of maintenance, water may make its way out from the shower area. NT Waterstops are meant to be installed as per the instruction manual, if they are not, NT Waterstops takes no responsibility or ownership of any incorrect applications. NT Waterstops are designed as an **ACCESORY** to a waterproofing system, not a system itself, if the membrane system is incorrectly applied, NT Waterstops is not liable for any damages and holds no responsibility for incorrect application or usage.