

NT Doorway Waterstop Installation Manual



NT WATERSTOPS

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 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.

This instruction manual is designed to be used for the NT Doorway Waterstop, please check what membrane system you are using and use the correct products that you would normally use with the installation of a regular NT Shower Waterstop including construction adhesives/sealants, bands, and waterproof membranes.

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

Installing an NT Doorway Waterstop

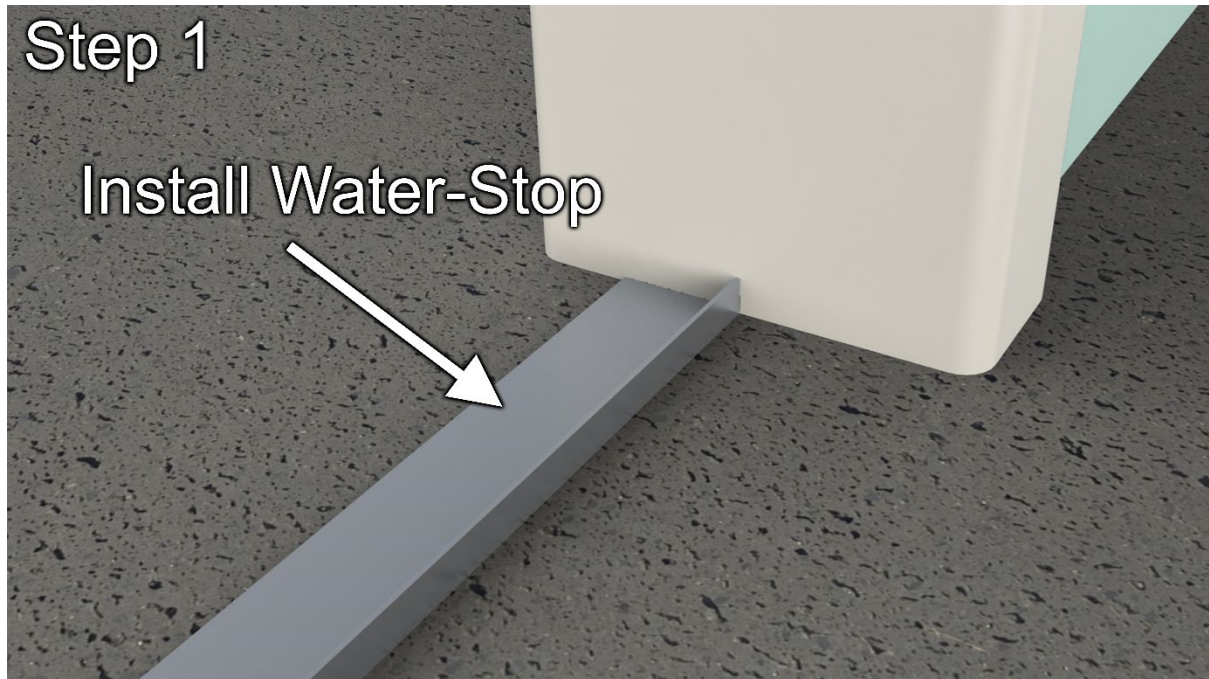


Preparing the Substrate for Adhesion



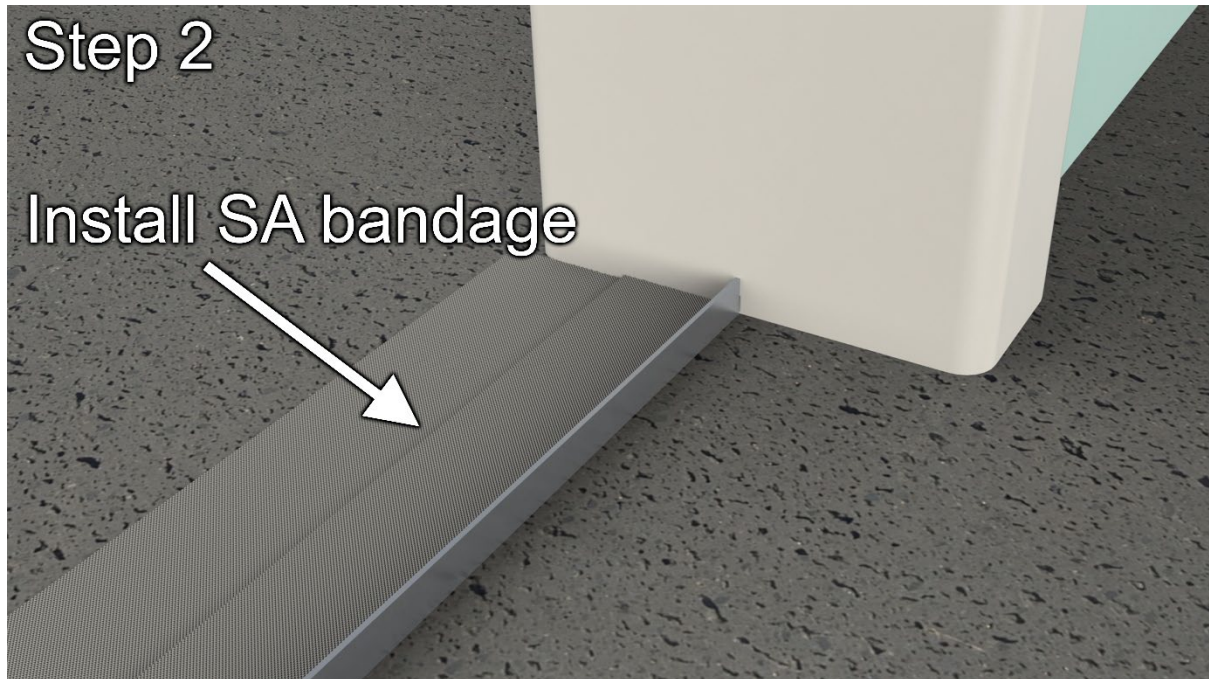
- ❖ Before installation of the NT Doorway Waterstop, make sure the substrate and area where the Waterstop is to be installed is clean and free of debris. It is important that this be done correctly to allow the adhesive, that is used to install the NT Doorway Waterstop, to properly adhere to the surface.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

Installing the NT Doorway Waterstop



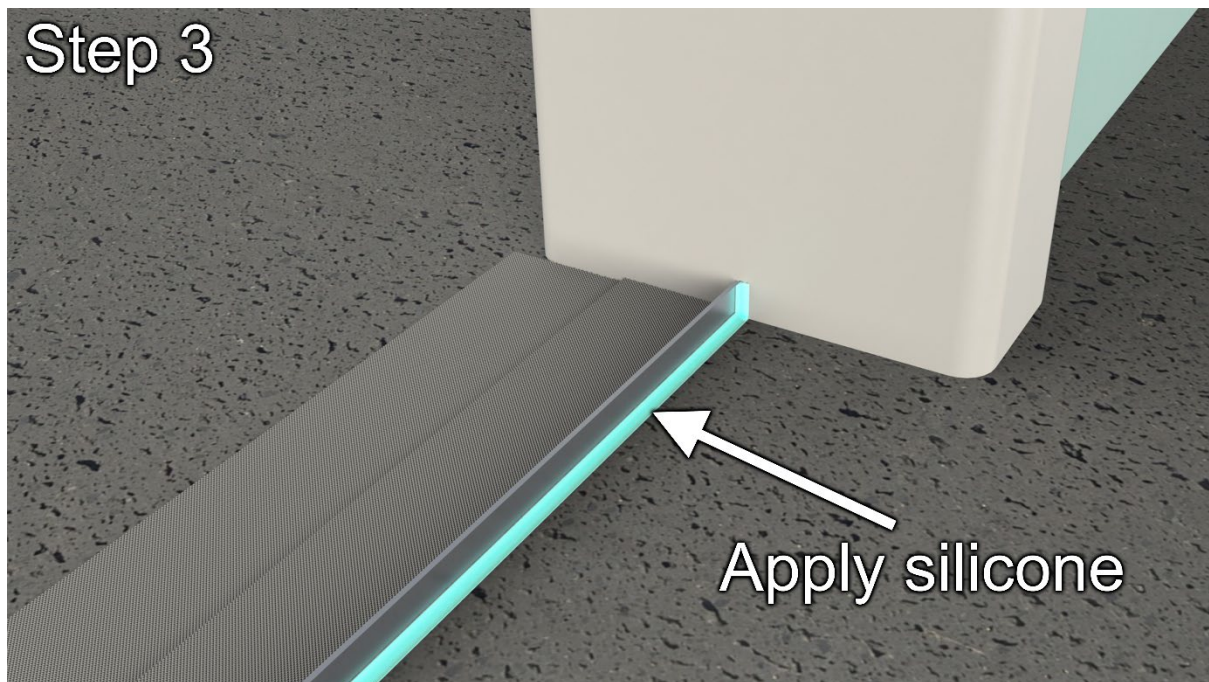
- ❖ Measure the area where the NT Doorway Waterstop is to be installed and cut it to length.
- ❖ Once you have the correct size, apply the manufacturers recommended construction adhesive/sealant to the bottom of the NT Doorway Waterstop and push the NT Doorway Waterstop firmly into the substrate so that it adheres properly.

Installing the Band



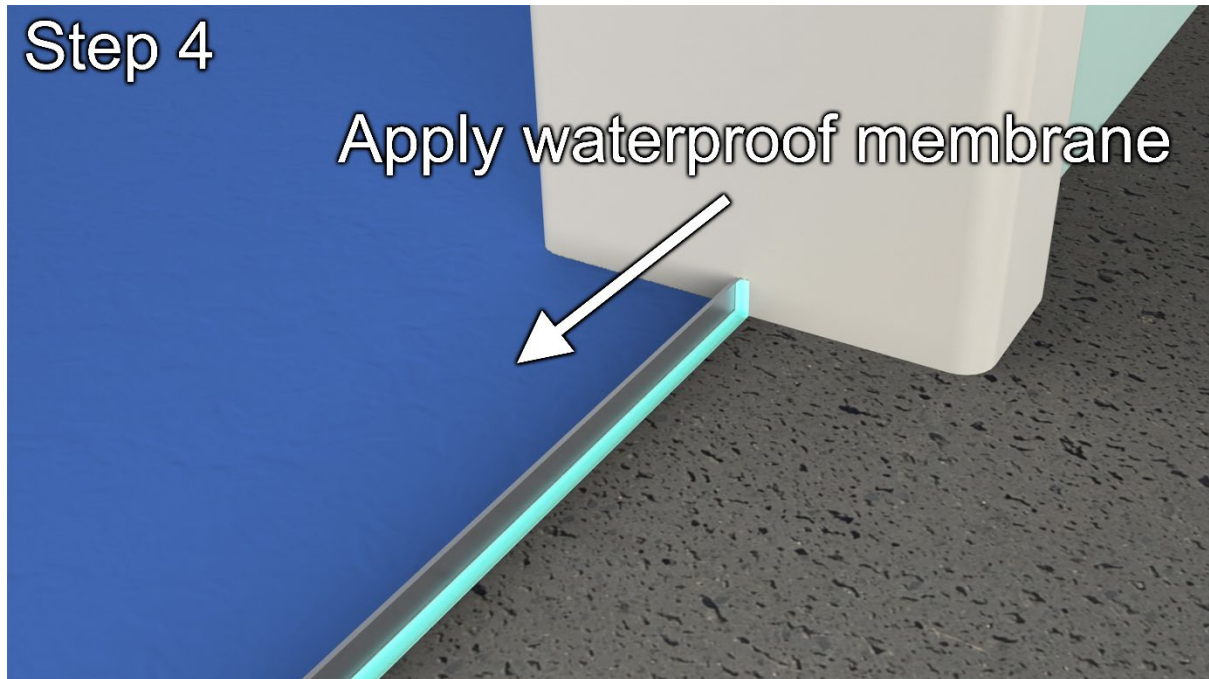
- ❖ Once the NT Doorway Waterstop has been installed correctly you can install the Self Adhesive/manufacturers recommended band.
- ❖ Cut the band to length and apply the band so that it covers the bottom flange of the NT Doorway Waterstop.

Sealing the front of the NT Doorway Waterstop



- ❖ Once the band is in place, the front of the NT Doorway Waterstop can be sealed with manufacturers recommended construction adhesive/sealant.
- ❖ Apply the manufacturers recommended construction adhesive/sealant in a smooth consistent bead along the front and smooth it off with the correct tool and product.

Waterproofing



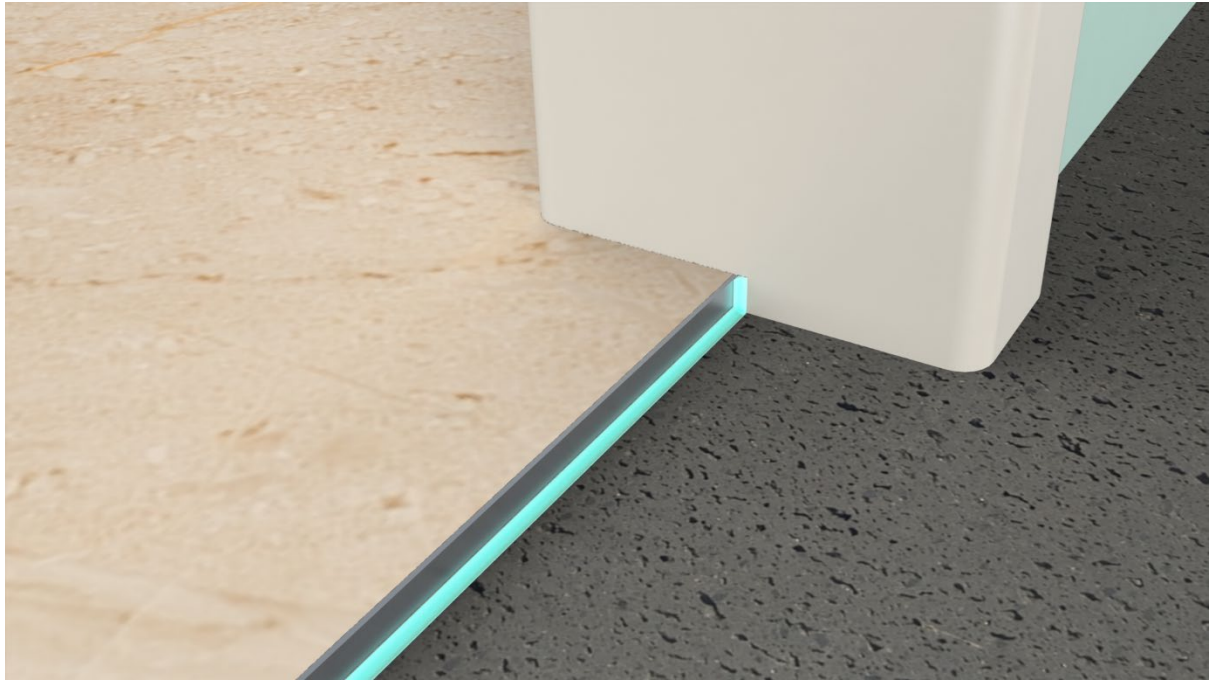
- ❖ Once the NT Doorway Waterstop has been fully installed, the floor can be waterproofed per the manufactures guidelines.
- ❖ Please make sure all membranes are applied within the manufacture's guidelines, and special care is taken in regards to the correct dry film thickness and membrane cure times.

Tile Installation



- ❖ Once the waterproofing has been installed tiles can be installed.
- ❖ The tiles should finish slightly below or flush with the top the NT Doorway Waterstop.

Complete



- ❖ The principal for membrane application is the same with all NT Waterstops
- ❖ The NT Doorway 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/bathroom is important. The NT Doorway 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.