

# ACTNOW 100MM RUBBER PUDDLE FLANGE

## DESCRIPTION

Actnow 100mm Rubber Puddle Flange is an Australian design initiative for waterproofing applications. Made of Neoprene Flexible Rubber it makes an ideal waterproofing solution to the connection of the PVC drainage outlet and the waterproofing membrane.

Actnow 100mm Rubber Puddle Flange: Australian Des. Reg. No. 201814766.

Actnow 100mm Rubber Puddle Flange is an Australian design initiative for waterproofing applications. One Product – 2 Purposes:

Made of Flexible Rubber makes an ideal waterproofing solution to the connection of the PVC drainage outlet and the waterproofing membrane.

Designed for easy and convenient flood testing by sealing the drain pipe to contain the water in wet areas until you release the water by simply slicing the base of the flange.

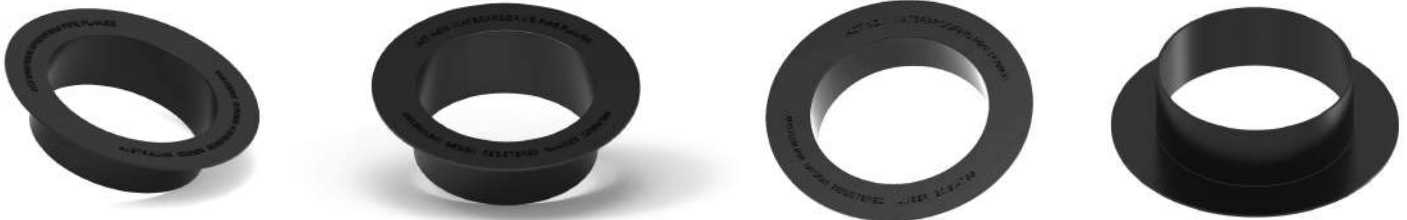
Designed for both internal and external use.

The Actnow 100mm Rubber Test Puddle Flange conforms and complies with: AS3740-2021 FIG.4.3.1

The Actnow 100mm Rubber Test Puddle Flange conforms and complies with: AS4654.2 FIG. 2.8.4 Wet area membrane.

Complies to Volume 1 are F1.4 (Or for NCC 2022 F1D5)

Complies to Volume 2 are 3.8.1.3 (Or for NCC 2022 H2D8)



## PREPARATION

Good preparation is Essential. Allow all prep work to dry/cure before proceeding.

- Ensure new concrete is allowed to cure for a minimum of 28 days in accordance with AS 2870 & AS 3600
- All pipes to floor waste are to be cut down with an angle grinder to provide a level edge flush with surfaces slab.
- Thoroughly clean down surfaces by stiff bristle brush, scraper etc. to remove all laitance, dirt, dust, or other contamination to leave a sound clean dry surface free of residue.
- Ensure surface is totally dry.
- Solvent wipe down the Actnow 100mm Rubber 100mm Puddle Flange to achieve a clean oil free surface for maximum adhesion.
- **Once substrate has been prepared properly ensure that Actnow 100mm Rubber Puddle Flange has a flush transition with the substrate.**

## FALLS TO DRAINS

We recommend that the Actnow 100mm Rubber Puddle Flange be laid on floors that provide positive falls to drainage outlets to eliminate water ponding. The slope of this fall should be: For internal wet areas - 1:80 – which equates to a 12.5mm fall over 1m. For external balconies, rooftops etc. 1:100 – which equates to a 10mm fall over 1m.

## HANDY TIPS

Optimal application temperature is between 10-26°C

## PLEASE NOTE

The Waterproofing membrane shall be bonded onto the Actnow 100mm Rubber Puddle Flange.; The membrane shall be terminated horizontally or both horizontally or vertically. For examples of membrane terminations at drainage outlets see AS4654.3 figure 4.3.1(A) and Figure 4.3.1(B)  
Actnow 100mm Rubber Puddle Flange shall not be installed in a location that interferes with bond breakers or wall junctions.

## APPLICATION

- Prime the internal wall of the PVC pipe with a ACTFLEX SUPERBOND 007 or PVC bonding agent and allow to dry.
- The Transition from the Actnow 100mm Rubber Puddle Flange to substrate shall be installed with ACTFLEX 75FC or V TECH MS. This will ensure the connection between pvc drainage outlet and the Actnow 100mm Rubber Puddle Flange.
- Use hand pressure to secure a bond between the Actnow 100mm Rubber Puddle Flange, the PVC pipe and the concrete floor. At this point the Joint sealant should extrude at least 10mm beyond the edge of the flange at all points. Tool off the excess joint sealant and allow to cure.
- Waterproof membrane is then to be applied over and into the wall of the installed Puddle Safe 100mm Puddle Flange. Ensure the membrane downturn is a minimum of 50mm.
- Ensure that the Substrate has been primed with a compatible primer before installation of Actnow 100mm Rubber Puddle Flange.



## ADVANTAGES

- Flexible, tough and tear resistant.
- A cost-effective preventative solution.
- Easy to install.
- Zero Odour
- Non-Hazardous
- Life time Guarantee
- The flexible rubber enables easy moulding to the PVC pipe.
- Can be installed to concrete floors with PVC drainage outlets.
- Compatible with most waterproofing membranes.
- Compatible with most joint sealants and MS Bond Breakers.
- Excellent general chemical resistance.

## CLEAN UP

- Wash all equipment in soapy water immediately after use.
- DO NOT discharge into sewer or waterways.
- DO NOT allow wash water from cleaning or process equipment to enter drains.

## STORAGE

- Products should be stored above ground in cool dry conditions @ 10-26°C & 50% R.H.
- Keep in a well-ventilated place, away from sunlight.

## SAFETY

**When handling DO NOT eat, drink or smoke.** Always use in a well-ventilated area and wear Personal Protection Equipment (PPE). Wash hands immediately after use and before breaks. DO NOT allow material to contact humans, exposed food or food utensils. In case of eye contact, rinse with plenty of water: If inhaled, remove to fresh air: if swallowed (DO NOT INDUCE VOMITING) and immediately contact Doctor or Poisons Information centre on 131 126 (AUS) and 0800 764 766 (NZ). IN TRANSPORT EMERGENCY DIAL 000 – POLICE-FIRE BRIGADE. KEEP OUT OF REACH OF CHILDREN. Local regulations as well as health and safety advice on packaging labels must be observed.

For more information, please download a copy of the SDS from [www.caulkmate.com.au](http://www.caulkmate.com.au) or [www.thewaterproofingshop.com.au](http://www.thewaterproofingshop.com.au)

This Technical Data Sheet and the Material Safety Data Sheet (SDS) may be revised at any time to comply with relevant changes to the Australian Standards or to include changes to current technology. Always read the current SDS and TDS carefully prior to use as application and performance data

may change from time to time. It is always best to request a copy of the latest technical data from Caulkmate Pty Ltd calling 02 8021 3517 or emailing [info@caulkmate.com.au](mailto:info@caulkmate.com.au).

Data provided is typical but does not constitute a full specification. This should be sighted from the company for specific projects.

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