

# APTC Leakproof Waterstop ACR

High performance acrylic polymer expanding bar

## Description

**APTC Leakproof Waterstop ACR** is a flexible acrylic polymer expanding waterstop bar used for the sealing of construction joints to prevent the infiltration of moisture and water.

**APTC Leakproof Waterstop ACR** will expand to up to 300% of its original size when in contact with water and can be used in both vertical and horizontal joints.

## Uses

**APTC Waterstop ACR** is suitable for use in the following applications:

- Construction joints
- Precast panels, tunnels, culverts and pits
- Retaining walls, basements
- Wall to base connections, penetrations & pipe entry systems
- Sealing of openings and interface sections between existing and new concrete etc.

## Features & Benefits

Flexible & conformable	Simple installation allowing for a continuous waterstop
Permanent installation unaffected by repeated drying and re-wetting	Saves time and labour on site
In totally dry state will shrink to its original size and re expand upon wetting	No hardening time required
Lightweight rolls—easy to handle	No welding required

## Performance Capabilities

3% salt water (14 days)	≥ 100%
Tap water	≥ 300%
Concrete Water (14 days)	≥ 200%
Water pressure resistance (14 days)	7 bar

## Surface Preparation

All substrate surfaces must be firm, clean, dry and structurally sound. All grease, oil, wax, dust, curing compounds and other contaminants including standing water must be removed prior to installation.

Do not pre-hydrate or otherwise wet **APTC Leakproof Waterstop ACR** prior to application.

## Application

Remove moisture proof wrap from the product immediately before installation. **APTC Leakproof Waterstop ACR** must be completely dry - do not hydrate the product prior to application.

Install the waterstop bar in a single layer using the maximum lengths possible to minimize the number of joints between rolls. Press the bar firmly into joint/onto the substrate ensuring it sits flat and snug - there should not be any air or gap between the product and the substrate.

When joining two rolls together, tightly butt join ends to form a continuous bar of waterstop.

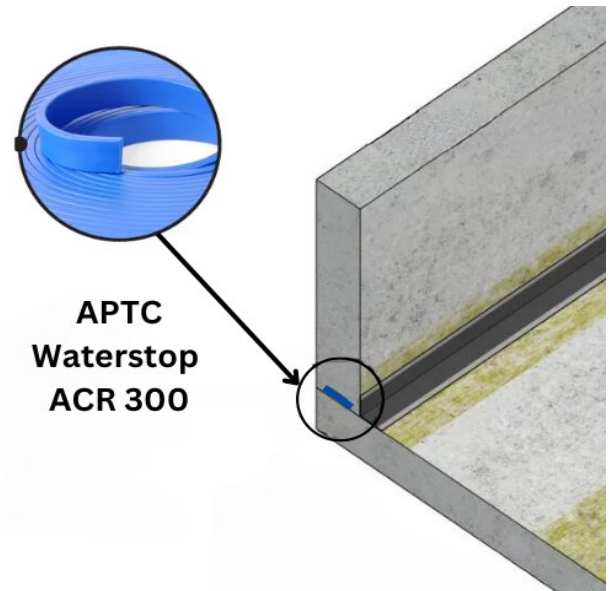
If cutting is required, use a sharp knife or utility blade.

Mechanical fasteners may be used to hold the waterstop bar in place.

**Horizontal to vertical transitions** - securely abut the waterstop sections together ensuring the conjoining ends are flat and even.

**Irregular surfaces** (stone, rough concrete) - press firmly onto substrate ensuring it remains in contact along the full length of the installation and there are no air gaps.

**Pipe/structural penetrations** - cut product into strips to fit around diameter of pipe or penetration and wrap around securely making sure to join the product ends together. Do not double layer.



**APTC Waterstop ACR** must not be used in expansion joints or where ground water may be contaminated.

## Packaging

Colour: Blue

Size: 20mm x 10mm x 10m rolls

## Storage & Shelf Life

Storage: Store in a cool, dry place away from direct sunlight and in original moisture proof wrap

Shelf life: Minimum 12 months when stored in accordance with directions

## Limitations

**APTC Leakproof Waterstop ACR** is not suitable for use in the following applications:

- In expansion joints
- Where ground water may be contaminated
- Where it has been hydrated prior to the application
- The suitability of the product for each intended use must be determined by the purchaser prior to the application of the product

## Health and safety

APTC Australia supports best practice in material handling; gloves, mask, safety goggles and protective clothing should be worn when handling and using this product. Ensure adequate ventilation when applying.

**SKIN:** Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation or rash develops seek medical attention. **EYES:** Generally not required under normal conditions of use.

**SWALLOWED:** DO NOT induce vomiting. Immediately rinse mouth with water. If swallowed seek medical attention. **INHALATION:** Remove from contaminated area into fresh air. Seek medical advice if discomfort continues.

Safety data sheets (SDS) for this product are available on the APTC Australia website [www.aptpcaust.com.au](http://www.aptpcaust.com.au). Read the TDS and SDS carefully before using any product.

## Disclaimer

The information and recommendations provided regarding the application and use of APTC Australia products are based on APTC Australia's current knowledge and experience, assuming proper storage, handling, and application according to our guidelines. However, due to variations in materials, substrates, and site conditions, we cannot guarantee any warranties related to merchantability or fitness for a particular purpose, nor assume any liability based on this information, written recommendations, or other advice. Users must assess the suitability of the products for their specific application and purpose. APTC Australia reserves the right to modify product properties at any time. Third-party proprietary rights must be respected. All orders are subject to our current terms of sale and delivery. For the most up-to-date product information, users should refer to the latest version of the local product data sheet, which can be provided upon request.