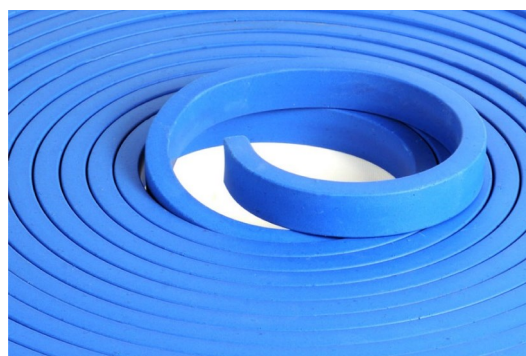


Waterstop ACR 300

High performance acrylic polymer expanding bar

Description

APTC Waterstop ACR 300 is a flexible acrylic polymer expanding waterstop bar used for the sealing of construction joints to prevent the infiltration of moisture and water. Waterstop ACR 300 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 300 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 and conformable to a variety of irregular substrates
- Permanent installation unaffected by repeated drying and re- wetting.
- In a totally dry state will shrink to its original size and re expand upon wetting
- Lightweight rolls - easy to handle
- Simple installation allowing for a continuous waterstop
- Saves time and labour on site
- No hardening time required
- No welding required
- Will swell in salt water

Performance Capabilities

3% salt water (14 days) $\geq 100\%$

Water pressure resistance (14 days) – 7 bar

Tap water - $\geq 300\%$

Concrete water (14 days) $\geq 200\%$

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 Waterstop ACR 300** prior to application.

Application

Remove moisture proof wrap from the product immediately before installation. **APTC Waterstop ACR 300** 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.

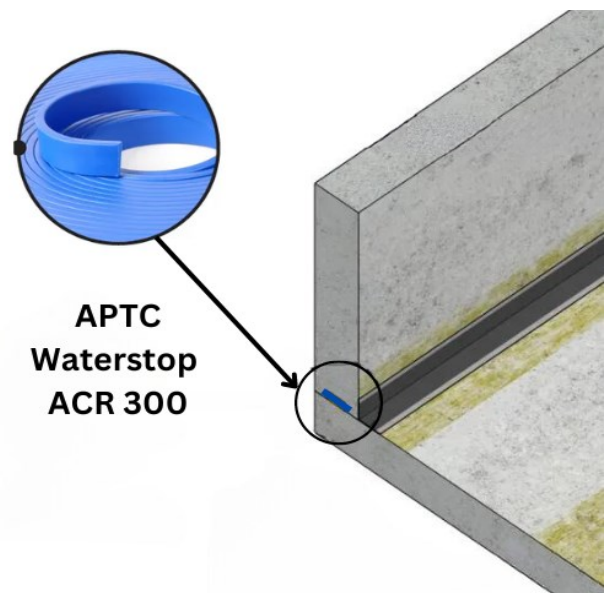
If cutting is required, use a sharp knife or utility blade.

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 300 must not be used in expansion joints or where ground water may be contaminated.

Packaging and shelf life

Colour: Blue

Size: 20mm x 10mm x 10m rolls

Shelf life is a minimum of 12 months when stored in a cool, dry place away from direct sunlight and in original moisture proof wrap.



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Health and safety

There are no known hazards associated with the use of this product in standard applications. APTC Australia supports best practice in material handling. Gloves and protective clothing should be worn when handling products. Safety data sheets (SDS) for this product are available on the APTC Australia website www.aptcaust.com.au. Read the TDS and SDS carefully before using any product.

Published 30/06/2023

Disclaimer: The technical information and recommended use of the Waterstop ACR 300 detailed in this document is to the best of our knowledge and experience and must in every case be taken as merely indicative. All technical application and product data must be confirmed beforehand by the user/consumer before the application and installation of the product. The user alone shall be fully responsible for the consequences of any misuse. If the intended use is in doubt, consult APTC Australia Pty Ltd for clarification.



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