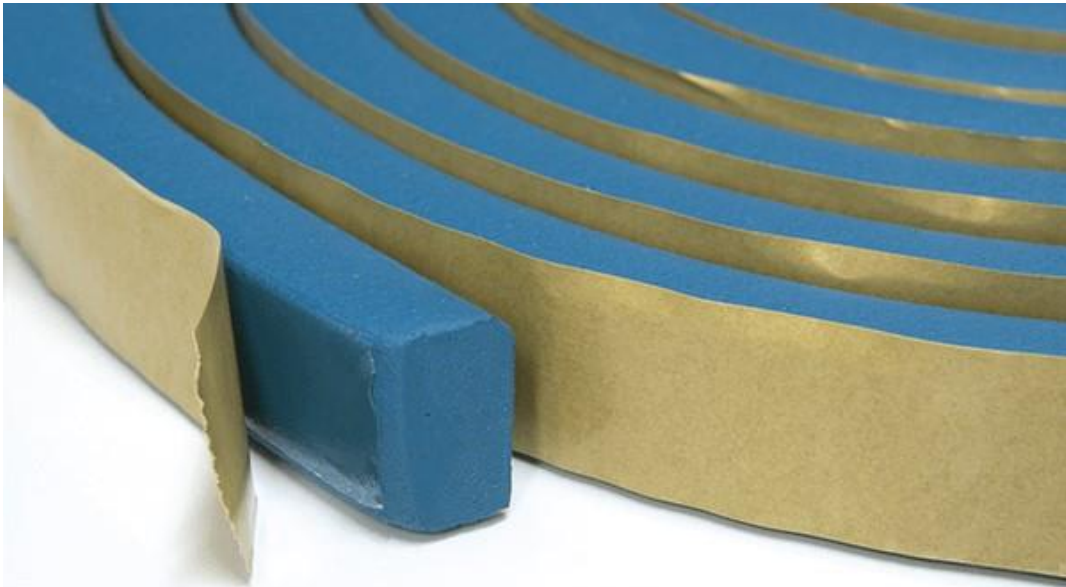


Triton Adcor 500S Waterbar



Product Description

Triton Adcor 500S Waterbar is a thick sectioned, conformable, hydro-expansive waterstop for preventing water entry through joints in concrete sub-structures.

The conformable, swellable polymer / butyl rubber waterstop strip expands in contact with water and when fully encapsulated by poured concrete, the expansive forces form a seal against concrete faces. The seal resists hydrostatic pressure, stopping water from entering sub-structures. **Triton Adcor 500S Waterbar** is a unique product that has been specifically developed to provide higher performance than conventional bentonite or swellable rubber waterstops.

Superior performance arises from:

- Controlled, reproducible, volumetric expansion
- Cohesive strength maintained after volumetric expansion
- Malleable and plastic, enabling easy application to a variety of concrete profiles

Applications

- Construction joints for in-situ concrete structures.
- Casting new concrete against existing concrete.
- Floor slabs cast against diaphragm retaining walls, steel sheet piles and secant piled walls.
- Joints between floor slabs and pile caps.
- Pipe penetrations through floors and walls
- Remedial 'breaking out' of concrete.

Features / Benefits

- Controlled volumetric expansion – reduces risk of concrete spalling.
- Conformable – can be installed onto a variety of irregular substrates.
- Retains cohesive strength at both original and expanded volume.
- No need for protective steel mesh.
- Resists at least 6 bar (60 m) hydrostatic pressure.
- Volumetric expansion min 100% in cement water.
- Simple overlap jointing on site
- Reproducible swell after wet – dry cycling
- Can be easily joined to other PVC waterstops at movement joints.
- Unaffected by freeze / thaw cycling.

System Components

Can be used in conjunction with:

- Triton SwellMastic: A hydrophilic mastic for use as a bedding bead on irregular concrete surfaces prior to the application of **Triton Adcor 500S Waterbar**.

Technical Data

TYPICAL VALUE	
Colour	Light Blue
Profile Size	25mm x 20mm
Volumetric expansion in cement water	Min 100%
Water pressure resistance	> 6 bar (60 m)
Density	1.46 kg/dm ³
Weight	0.7 kg/m
Maximum bend	180° at 0°C
Application temperature range	-15°C to 60°C
Service temperature range	-45°C to 120°C
Minimum concrete cover	70 mm
Minimum overlap	100 mm

For further information please contact:

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Ref: Triton Adcor 500S Waterbar