

Triton TT WATERSTOP

(25mm x 20mm)



Introduction

Triton TT WATERSTOP is a preformed waterstop consisting of sodium bentonite and butyl rubber and it swells up to 350% when in contact with water. When fully encapsulated by poured concrete, the expansive forces form a seal against concrete surfaces. This seal resists hydrostatic pressure, stopping water from entering the sub-structures. **Triton TT WATERSTOP** is able to withstand a 40 metre head of pressure. As with any hydrophilic waterstop, **Triton TT WATERSTOP** will return to its original size if the concrete and substrate is completely dry and no more moisture is present. If water or moisture is introduced again to the joints, **Triton TT WATERSTOP** will re-expand to seal the potential leaking joints.

Characteristic

1. Service life is indefinite with excellent resistance to acid & alkaline condition.
2. Easy installation and extruded in rectangular shapes for optimal adhesion during application.
3. Permanent water-tight function.

Triton TT WATERSTOP has a built-in delay system thus the waterstop will activate approximately after 2 days of constant exposure to water.

Limitations

- **Triton TT WATERSTOP** should not be used for expansion joints or subject to repetitive movements.
- **Triton TT WATERSTOP** should not be installed with less than 50mm of concrete cover to ensure that the pressure arising from the swelling action is accommodated.

Specification

PHYSICAL PROPERTIES	
Specific Gravity	1.35
Colour	Black
Tensile Adhesion Strength	> 30 kgf/cm ²
Volumetric Expansion Rate	>350%
Non-volatilization	99.7%

NBS Clause E40 310 Designed joints in-situ concrete.

* For installation details see TT Waterstop / Swell Mastic installation guide.



Areas of application

1. Poured in-situ construction joints.
2. Box culverts & retaining walls
3. Cut and cover tunnel construction
4. Underground (Utility) Vault Seal.
5. New to old concrete.

Volumetric Expansion

	2 days	110%
	3 days	250%
	5 days	350%
	2 days	105%
	3 days	200%
	5 days	350%

Packaging

20mm x 25mm x 5m rolls – 6 rolls per box

Box = 6 x 5m rolls (30m)

Storage

Triton TT WATERSTOP has a self life of 24 months; stored in original unopened cartons in cool, dry conditions, away from direct sunlight.

Health & Safety

- Always read the Health and Safety data sheets before use.
- Avoid skin and eye contact.
- Avoid inhalation of vapours.
- Wear safety glasses, gloves and overalls.

For further information please contact:

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