



Triton TT SWELL MASTIC S2

Description

Triton TT Swell Mastic is grey colour, gun applied one component hydro reactive expansion sealant for waterproofing joints in concrete.

Triton TT Swell Mastic expands up to 100% when in contact with water to create a durable waterstop with long-lasting adhesive and hydro-swelling properties. When in contact with sea water, **Triton TT Swell Mastic** expands between 50 – 70%.

Triton TT Swell Mastic has excellent adhesive properties on different surfaces such as concrete, steel, glass, PVC, HDPE etc. The surface can be rough, smooth, damp or dry.

Advantages

- Single component, application directly.
- As a problem solving hydrophilic in difficult access areas.
- Fast curing, enable early concrete pour and rapid return to service.
- Excellent seal on rough concrete and plug up irregular surfaces.
- Durable – excellent wet/dry cycle, retaining elastic character and swelling performance

Areas of Application

- Pipe penetrations (concrete, PVC etc).
- Waterproofing of joints between pre-cast concrete elements (e.g. inspection manholes, box culverts, sewer systems etc).
- Waterproofing of H-beam penetration through floor slabs.
- Adhesion of waterstops on an irregular surface.
- Sealing around conventional PVC waterstop providing a belt seal prior to concrete pour.

Technical Data

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|--------------------------------------|-----------------------|
| Appearance | Grey |
| Form | Elastic paste |
| Specific gravity | 1.2 |
| Solids (min.) | 98% |
| Application limits (°C) | 20 – 70 |
| Tack-free time | 1 hour |
| Approx. dry time (25°C, 65 RH) | 10 hours |
| Shore A Hardness | 25 |
| Tear resistance (N/mm ²) | 20 kg/cm ² |
| Set time (3 mm thickness) | 24 hours |
| Expansion volume (%) | |
| Water | 100 |
| Sea water | 50 – 70 |
| Concrete pour | Allow 4 to 8 hours |



Limitations

- **Triton TT Swell Mastic** should not be used for expansion joint or for joints subjected to significant repetitive movement
- **Triton TT Swell Mastic** should be positioned to ensure that there is a minimum of 70mm concrete cover to accommodate pressure developed during the swelling process.
- **Triton TT Swell Mastic** will establish a firm bond to concrete, however, as with any hydrophilic waterstop, care should be taken during concreting directly onto the seal.

Specification

NBS: Clause E40 530 Designed joints in-situ concrete

Packaging

600cc per cartridge

Coverage

Each 600cc gun cartridge will provide enough material for approximately 3 metres when gunned to form a constant 10mm diameter bead.

Shelf Life

- Shelf life is 9 months in the original unopened packaging.
- To be stored at room temperature.
- Do not store in direct sunlight.

Health & Safety

For full information consult the relevant Material Safety Data Sheet.

For further information please contact:

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