



Triton TRIJECT RAPID

HIGH PERFORMANCE DPC CONCENTRATE

Triton TRIJECT-RAPID is a unique high performance concentrate, which utilizes novel surfactant technology to produce a rapid injecting and dilution stable D.P.C fluid.

Benefits of using Triton TRIJECT-RAPID include:

- RAPID INJECTION
- ENHANCED SPREAD WITHIN THE SUBSTRATE
- LOW ODOUR
- DILUTION STABILITY
- REDUCED RISK OF STAINING
- NON-FLAMMABLE
- WATER BASED

Traditional solvent-based d.p.c fluids are still widely used despite their disadvantages of smell, flammability and cost. Water based fluids such as Triton TRIJECT 3 have proved to be popular and effective but in many instances solvent is still considered to be superior. The development of Triton TRIJECT-RAPID now means that a water-based fluid is available with all the desirable properties of solvent systems but without the disadvantages.

Description and Use

Triton TRIJECT-RAPID is a water based damp-proofing fluid for injection into walls affected by rising dampness.

Triton TRIJECT-RAPID is injected into holes drill into the masonry units, (brick, blocks, stone) or the mortar joints to form a continuous barrier to the passage of moisture rising from the ground. The special formulation allows for faster injection into most substrates, even brick, when compared to traditional water based systems.

Within the wall, after injection, Triton TRIJECT-RAPID reacts to form a water-repellent Silicone resin network within the capillaries of the substrate. This silicone resin network is permeable to water vapour which means that the walls can “breathe” and dry out naturally.

The Silicone resin network:

- FORMS IN THE WALL AFTER INJECTION
- IS FULLY WATER REPELLENT SO CONTROLS RISING DAMP
- ALLOWS WATER VAPOUR TO PASS THROUGH
- REMAINS PERMANENTLY FIXED TO THE SUBSTRATE

Triton TRIJECT-RAPID is suitable for use in Brick or Mortar. The high penetrating power of the formulation means that in certain circumstances the risk of staining occurring is significantly reduced, care should still be taken however to avoid spillages.

Composition

Triton TRIJECT-RAPID is supplied in a concentrate form which when diluted at the correct ratio yields solution containing 5.8% w/w solids content. The active ingredient is potassium methyl silicate.

Physical Properties

Appearance	Clear Liquid
Odour	Odourless
Specific Gravity	1.030 – 1.34
Flash Point	Not Flammable
Alkalinity	p.H. 13 approx.



Application

Triton TRIJECT-RAPID is supplied as a concentrate to be diluted with water before use. One volume of **Triton TRIJECT-RAPID** is diluted with 9 volumes of water. **Triton TRIJECT-RAPID** is applied by pressure injection into pre-drilled holes positioned in such a way as to ensure a continuous damp-proof barrier can be formed throughout the thickness of the wall and along its length. British Standard 6576 : 1985 "Code of Practice : Installation of Chemical Damp-Proof Courses and the British Wood Preserving and Damp-Proofing Association Code of Practice "The Installation of Remedial Damp Proof Courses in Masonry Walls" describe good practice for d.p.c installation. Each injection hole is pressure injected with diluted **Triton TRIJECT-RAPID** using pressures between 20 and 50 p.s.i. (150 to 300 Kpa) until fluid is seen to reach the wall surface. The recommended usage rate is 3 litres of diluted **Triton TRIJECT-RAPID** per metre run of 9" (225mm) solid wall and pro-rata for other wall thicknesses. Drilling horizontally directly into mortar beds or through masonry units down at an angle and terminating in or near the mortar bed will result in faster and more complete injection when compared to drilling horizontally into masonry units only.

Specifications

NBS: Clause C45 30,220 Damp Proof Course Renewal / insertion

Storage

Store in the original container in a safe frost-free place.

Packaging

Triton TRIJECT-RAPID is supplied in 2.5ltr and 25ltr containers.

Precautions

See separate Health and Safety sheet.

For further information please contact:

Triton Chemical Manufacturing Co Ltd T/a Triton Systems

Units 3 – 5 Crayford Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF

Tel: 01322 318830

Fax: 01322 524017

Email: info@triton-chemicals.co.uk

www.triton-systems.co.uk