



# **TRIJECT-RAPID DPC**

## **HIGH PERFORMANCE DPC CONCENTRATE**

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

Benefits of using 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 TRIJECT 3 have proved to be popular and effective but in many instances solvent is still considered to be superior. The development of TRIJECT-RAPID DPC now means that a water-based fluid is available with all the desirable properties of solvent systems but without the disadvantages.

### **DESCRIPTION AND USE**

TRIJECT-RAPID DPC is a water based damp-proofing fluid for injection into walls affected by rising dampness. TRIJECT-RAPID DPC is injected into holes drilled into the masonry units, (bricks, 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, TRIJECT-RAPID DPC 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

TRIJECT-RAPID DPC 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 spillage's.

### **COMPOSITION**

TRIJECT-RAPID DPC is supplied in a concentrate from 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	Odour Less
Specific Gravity	1.030 – 1.34
Flash Point	Not Flammable
Alkalinity	p.H. 13 approx.

## **APPLICATION**

TRIJECT-RAPID DPC is supplied as a concentrate to be diluted with water before use. One volume of TRIJECT-RAPID DPC is diluted with Nine volumes of water. TRIJECT-RAPID DPC 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 TRIJECT-RAPID DPC 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 TRIJECT-RAPID DPC per metre run of 9 inch (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.

## **STORAGE**

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

## **PACKAGING**

TRIJECT-RAPID DPC is available in 2.5 & 25 litre containers

## **PRECAUTIONS**

CONTAINS POTASSIUM HYDROXIDE.

CAUSES SEVERE BURNS.

IN CASE OF CONTACT WITH SKIN WASH IMMEDIATELY WITH PLENTY OF WATER.

IN CASE OF CONTACT WITH EYES RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WHEN HANDLING WEAR SUITABLE PROTECTIVE CLOTHING, (OVERALLS, GLOVES, GOGGLES).

WASH HANDS AND EXPOSED SKIN BEFORE MEALS AND AFTER WORK.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

CHILDREN AND PETS SHOULD BE KEPT AWAY FROM TREATED AREAS UNTIL DRY.

VENTILATE CONFINED SPACES THOROUGHLY.

AVOID CONTACT WITH PLANT LIFE.

KEEP OUT OF REACH OF CHILDREN.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

KEEP IN ORIGINAL CONTAINER, TIGHTLY CLOSED AND IN A SAFE PLACE.

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.

The information given in this data sheet is given in good faith and is based upon knowledge and experience of the materials used. However, since the application of the product is beyond the control of Triton Chemical Manufacturing Company Ltd., the company cannot accept responsibility for any loss or damage resulting from the use of the product outside the scope of the intended use and precautions set out in the data sheet.

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