

## Triton TRI-GEL

### ADVANCED CHEMICAL DAMP- PROOFING READY FOR USE WATERBASED D.P.C. GEL GUARANTEED EFFECTIVENESS IN DAMP WALLS

- Triton TRI-GEL is a unique chemical damp-proofing product based on an established and time proven active ingredient.
- Triton TRI-GEL is formulated in a special way to produce a Thixotropic gel. This gel consistency allows placement in horizontally drilled holes without dripping or the use of pressure.
- Traditional pressure injection can be slow and awkward, Triton TRI-GEL is quick and easy to apply which means improved work rates and faster job turn-around.

#### Key Benefits

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- Water soluble / water based
- Total dispersion in damp / wet substrates
- Low odour
- User friendly
- Uses time-proven active ingredient
- No hydrocarbon solvent
- Thixotropic for easy injection
- Not reliant on substrate alkalinity for effective curing
- Ready for use
- Faster than traditional pressure injection
- Available in 1 litre cartridges or 5 litre tubs

#### Description & Use

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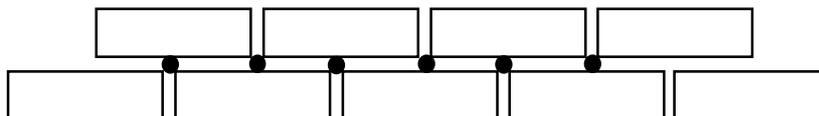
Triton TRI-GEL is a water based damp-proofing treatment for walls affected by rising dampness. Triton TRI-GEL is injected into the mortar bed between bricks, stones or blocks via horizontally drilled holes to form a continuous barrier to the passage of moisture from the ground. The UNIQUE formulation allows faster injection without the need for electric d.p.c. pumps. Being water based and water soluble, Triton TRI-GEL is able to diffuse naturally into damp substrates. After injection, Triton TRI-GEL reacts to form a water-repellent Silicone resin network within the capillaries of the substrate. This network is permeable to water vapour which means that the walls can “breathe” and dry out naturally.

#### Installation

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Installation should, wherever possible, follow the guidelines laid down in BS6576:1985 “British Standard Code of Practice for Installation of Chemical Damp-Proof courses” and the BWPDA code of practice; “The Installation of Remedial Damp-Proof Courses in Masonry Walls.”

Triton TRI-GEL is injected into 12mm diameter holes; drilled horizontally into the chosen mortar bed at 100-120mm centres or at the perp joint, mortar bed junction (brickwork). See below:



Holes should be drilled to within 20-40mm of the far face of the wall being treated. Treatment can be carried out from one or both sides of the wall as appropriate and convenient. Cavity walls would normally be treated from both sides. The holes should be filled to within 10-20mm of the front face of the wall and capped with a plug of sand and cement mortar incorporating Triton TRIMIX 1 or with a D.P.C wall plug. Spillages should be washed away with water before they dry.



## Methods of Application

- CARTRIDGE** Triton TRI-GEL is available in 1 litre cartridges, which fit into a large skeleton gun. A re-useable nozzle fits directly onto the cartridge. Place the nozzle end two thirds of the way into the injection hole, squeeze the trigger and withdraw the nozzle whilst backfilling the hole.
- COMPRESSION PUMP** Triton TRI-GEL is also available in 5 litre tubs for use with a compression pump. The tub of Triton TRI-GEL is stirred thoroughly before transferring the contents to the pump using a large bore funnel if necessary. Pressurize the pump, insert the nozzle into the injection hole and fill the holes as described above.

## Usage Rates

WALL THICKNESS	Litres/5m	Litres/10m
115mm (4½")	0.5	1.0
225mm (9")	1.0	2.0
340mm (13½")	1.5	3.0
460mm (18")	2.0	4.0

## Specification

NBS Clause C45 30,220 Damp Proof Course renewal / insertion

## Packaging

- 1 litre H.D.P.E cartridges (Separate nozzle and applicator gun required).
- 5 litre H.D.P.E Tubs

## Storage

Store in the original containers, tightly closed in a safe, frost-free place. Thoroughly stir tubs before attempting transfer to a compression pump.

## Precautions

Contains Potassium Methyl Silicate

Refer to the Material Safety Data Sheet

## Related Products

- Waterproof render additive : TRIMIX 1
- Tanking Mix: T.T.55
- Waterproof epoxy coating: TRIMOL 40

For further information please contact:

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