



TRI-REND

WATERPROOFING, SALT INHIBITING AND PLASTICISING ADDITIVE FOR SAND AND CEMENT RENDERS AND MORTARS.

DESCRIPTION AND USE Triton TRI-REND is a water and salt resistant additive for cement mortars. Added to properly formulated mortars, Triton TRI-REND improves workability of the mix and after curing, imparts water repellency and salt resistance. In addition Triton TRI-REND reduces the amount of water required to provide a workable mix and hence produces a more dense render. TRI-REND is particularly recommended for use in mortars used for internal cement rendering (replastering) of walls affected by rising dampness.

SAFETY AND COMPOSITION Triton TRI-REND is an alkali metal soap of aliphatic fatty acids dissolved in water. The concentrate is alkaline (about pH 11)

PHYSICAL PROPERTIES

Appearance	Pale Yellow Liquid
Odour	Faint Fatty Odour
Specific Gravity	1.01 – 1.04
Solubility	Disperse in water to give a clear or slightly turbid solution
Solvent	Water

DILUTION FOR USE Dilute 1 litre with water to make 40 litres.

The diluted TRI-REND should be used as the gauging liquid without further dilution.

WALLS AFFECTED BY RISING DAMPNESS TRI-REND is specially formulated for addition to cement mortars intended for replastering walls affected by rising dampness. The following specification is recommended. It is important to remember that no additive will convert a poor mix to a good one.

- Materials**
- Cement** Use fresh ordinary Portland cement to BS 12 or sulphate resisting cement to BS4027.
 - Sand** Use sharp washed natural sand free from silt, clay and dust or excessive amounts of limestone. The sand should be graded to comply with BS 1199: 1976 table 1, grade A or BS 882: 1983 table 5, grade M.

1st Coat Use 1 part by volume of cement to 3 parts by volume of sand. Measurements should be made using a gauging box. Mix and add the minimum volume of diluted TRI-REND compatible with the production of a workable mix.
Apply to give a 10mm minimum thickness.
Apply to set, lightly finishing with a wooden float. If necessary bind with sand to form a key.

2nd Coat The second coat should be applied without the addition of TRI-REND and should be applied after the 1st coat has set, but before it has dried. This is because when dry, the 1st coat (the TRI-REND coat) will become water repellent and keying of the 2nd coat will be impaired.

The 2nd coat may be 1 to 3.5 or 1 to 4 cement sand mix.

Finishing Coat The finish coat should be a porous lightweight plaster skim applied after the cement render coats are fully cured.

REDECORATION Plaster and renderings should be allowed to dry out thoroughly before any redecoration is carried out, only then can one coat of trade matt emulsion be used. Do not decorate permanently for at least 12 months (longer on thick walls) until such time as all residual moisture has dried out from the walls.

STORAGE Store in the original container in a safe place. Protect from frost.

PACKAGING Triton TRI-REND is supplied in 25 litre containers

RELATED PRODUCTS

TT 55, Cementitious waterproof coating for below ground work.

TRITON QUICK SET, Fast setting compound for plugging leaks.

SBR, Latex admix.

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, 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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