



Triton 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. Triton TRI-REND is particularly recommended for use in mortars used for internal cement rendering (replastering) of walls affected by rising dampness.

Safety & 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 Triton TRI-REND should be used as gauging water without further dilution.

Walls affected by rising dampness

Triton 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 ordinary Portland cement to BS 12 or sulphate resisting cement to BS 4027.
- 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 BS882: 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 Triton TRI-REND compatible with the production of a workable mix.
Apply to give a 10mm 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 **Triton 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. Avoid the use of oil-based paints and other impermeable coatings and coverings.

Specification

NBS Clause M20 62,449 Plastered / Rendered / Roughcast coatings

Storage

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

Packaging

Triton TRI-REND is supplied in 5 litre and 25 litre containers.

Related Products

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| ▪ Cementitious waterproof coating for below ground work | TT55 |
| ▪ Fast setting compound for plugging leaks | TRITON QUICK SET |
| ▪ Latex admix | SBR |

Precautions

See separate Health & Safety sheet.

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