



# TRIMIX 1

**DESCRIPTION AND USE** Triton Trimix 1 is a water and salt resistant additive for cement mortars. Added to properly formulated mortars, Triton Trimix improves workability of the mix and after curing, imparts water repellency and salt resistance. In addition Triton Trimix reduces the amount of water required to provide a workable mix and hence produces a more dense render. Trimix is suitable for use in mortars and renders for both internal and external use, it is particularly recommended for use in internal cement rendering (replastering) of walls which have received a chemical damp-proof course.

**SAFETY AND COMPOSITION** Triton Trimix 1 is an alkali metal soap of aliphatic fatty acids dissolved in water. The concentrate is mildly alkaline (about pH9).

## **PHYSICAL PROPERTIES**

Appearance	pale blue liquid
Odour	faint fatty odour
Specific gravity	0.99 – 1.01
Solubility	disperse in water to give a clear or slightly turbid solution
Solvent	water

**DILUTION FOR USE** Dilute 1 litre with water to make 25 litres.

The diluted Trimix should be used as gauging water without further dilution.

**WALLS AFFECTED BY RISING DAMPNES** Trimix 1 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 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 Trimix 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 Trimix and should be applied after the 1st coat has set, but before it has dried. This is because when dry, the 1st coat (the Trimix 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.

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

**PACKAGING** Triton Trimix 1 is supplied in 5 and 25litre containers.

### **PRECAUTIONS**

WEAR SUITABLE PROTECTIVE CLOTHING NAMELY, OVERALLS AND SYNTHETIC/PVC GLOVES when handling.

WASH SPLASHES from skin and eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

DO NOT APPLY TO SURFACES on which food is prepared.

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, 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.

*For further information contact:*

**Triton Chemical Manufacturing Co. Ltd.**

Unit 5, Lyndean Industrial Estate,

129 Felixstowe Rd, Abbey Wood, London, SE2 9SG

Telephone: 020-8310-3929 Fax: 020-8312-0349

[www.triton-chemicals.com](http://www.triton-chemicals.com)

[info@triton-chemicals.com](mailto:info@triton-chemicals.com)

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