



TRIMOL 15 LIGHTWEIGHT MORTAR

DESCRIPTION TRIMOL 15 is a three component system comprising of a low viscosity epoxy resin, an almost colourless low viscosity hardener and a khaki-grey low density filler which provides a cold or warm setting, lightweight, low slump filler for use in non-structural applications.

CHARACTERISTICS The mixture will remain in place on vertical and inverted surfaces and although it will form a strong bond to structural materials it is best employed in conjunction with TRIMOL 23, a thixotropic adhesive, used as a primer.

USES TRIMOL 15 is particularly suited to the fast, effective repair of concrete in vertical and overhead work and will rapidly attain mechanical strength sufficient to exceed that of good quality concrete.

TRIMOL SYSTEM

Product	Appearance	Density at 25°C
TRIMOL 15 RESIN	Pale golden liquid	1.14
TRIMOL 15 HARDENER	Almost Colourless liquid	1.02
TRIMOL 15 FILLER	Khaki-grey powder	0.35

INSTRUCTIONS FOR USE

PRETREATMENT OF SURFACES All surfaces must be free of contamination by dust, grease laitence and corrosion products. Concrete and mortars should be shot blasted or mechanically abraded or scabbled but need not necessarily be completely dry as both primer and lightweight mortar will bond to damp - but not wet substances.

PRIMING It is strongly recommended that surfaces be primed with TRIMOL 23 prior to application of lightweight mortar due to the “dryness” of the product: TRIMOL 23 should be well brushed or knifed into the prepared areas and TRIMOL 15 applied whilst the primer is still wet.

MIXING Mix all resin and hardener thoroughly followed by addition of the filler; blending should continue until a homogenous mixture is achieved.

USABLE LIFE

45 mins at 20°C.
1½ hours at 10°C.
3 hours at 5°C.

APPLICATION This may be by wooden or steel float or by gloved hand. Work or push the material into the primed surface and compact well: smooth off with a clean steel trowel or float.

CURING TRIMOL 15 will be set within 6 hours at 20°C and will have achieved 90% of its ultimate mechanical and chemical resistant qualities by 36 hours at 20°C.

STORAGE The separate components stored unopened at 5°C - 25°C in dry conditions have a shelf life of 2 years.

CLEANSING EQUIPMENT Clean before the mixture has hardened with TRIMOL 57.

CURED TRIMOL 15

Property	Unit	Value
Specific Gravity	MPa	0.70
Flexural Strength	MPa	18
Compressive Strength	MPa	35
Linear shrinkage during cure at 20°C for 7 days	%	0.03-0.05

CAUTION TRIMOL 15 Resin and hardener are generally harmless providing that the normal common-sense precautions taken when handling chemicals are observed. For instance neither the separate components nor the uncured mixture should be allowed to come in contact with foodstuffs or utensils. Measures should also be taken to prevent contact with the skin: wearing rubber or plastic gloves will normally suffice along with eye protection. Thoroughly cleanse the skin at the end of each working period by washing with soap and warm water. Disposable paper towels are recommended to dry the skin. Precautions are fully discussed in the TRIMOL Handling Precautions sheet and also TRIMOL Product Safety Information for TRIMOL 15 Resin and Hardener which are available upon request.

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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