

# **TRIMOL 40**

## **WATER BASED EPOXY COATING**

**DESCRIPTION** A two pack water based epoxy coating for floors and walls. TRIMOL 40 is typically used to provide a damp proof membrane on walls and floors either on its own or as a wearing surface in a “sandwich” construction between sand and cement renders.

### **PROPERTIES**

WATER BASED -	contains no solvent
LOW ODOUR -	easier to use in confined spaces
WATER PROOF -	ideal for tanking, damp floors etc.
HARDWEARING -	suitable as a durable floor or wall finish
CHEMICAL RESISTANCE -	resists oil, petrol and mild chemicals when fully cured

### **USES**

DAMP PROOF MEMBRANE-	for walls and floors where original d.p.m. has failed or is non-existent
TANKING -	as part of “sandwich” construction using sand and cement renders
FLOOR AND WALL COATING -	where a hardwearing and cleanable decorative finish is required.

TRIMOL 40 is suitable for application to most common building substrates including, brick, concrete, stone and renders. Being water based TRIMOL 40 can be used on damp surfaces (but not running wet).

### **TECHNICAL DATA**

**PREPARATION** The surfaces to be coated should be sound and free from dust, dirt, oil, grease, bitumen and surface water. Any loose material or latency should be removed by thorough needle gunning, grit blasting or wire brushing. Blow holes or irregularities should be filled using TRIMOL 23 and TRIMOL 15 patching mortar. When TANKING with TRIMOL 40, form a fillet at the floor/wall junction to alleviate pressure and to ensure a smooth transition from vertical to horizontal.

**MIXING** Add the resin component to the hardener and mix using a paddle/whisk in a slow speed drill until a consistent mix is achieved. Alternatively a flat bar or piece of wood can be used in which case the mixing time should be at least 5 minutes.

### **APPLICATION** - GENERAL

Application can be by brush or roller. Apply the TRIMOL 40 to achieve complete coverage, do not apply too thickly or sagging and runs will occur. Apply one coat of TRIMOL 40 PRIMER followed when touch dry by one of two coats TRIMOL 40 TOP COAT (two coats are required where heavy wear or hydrostatic pressure is expected).

### **APPLICATION** - BRICKWORK

For best results apply a 4:1 sand:cement render (sharpsand) to the prepared brickwork. When cured the render can be coated with PRIMER and TOPCOAT as above.

### **APPLICATION** - TANKING

When using TRIMOL 40 as a tanking membrane (floors and walls combined) it is essential that an overlap of coats occurs at the wall to floor junction. A fillet as described earlier should be formed at the floor to wall junction. Overlaps of TRIMOL 40 should extend 225mm beyond the fillet e.g. When coating floors the coating should be applied over the fillet and 225mm up the wall.

#### **APPLICATION** - FINISHING

For walls that are to receive render finishes the last coat of TRIMOL 40 should be blinded with dry builders sand whilst the coating is still tacky. When fully dry the render can be applied. Alternatively a priming coat consisting of TRITON SBR mixed with cement and brushed onto the cured TRIMOL 40 will form a key for a subsequent render finish.

**NOTE:** TRIMOL 40 Primer and Top coat will become tack free more quickly if there is a good flow of air over coated surfaces. In confined and /or cold spaces the coatings will take longer to dry.

Thick applications of unpigmented TRIMOL 40 Primer and Topcoat between floor tiles or in mortar joints may retain a creamy appearance rather than clarify. If the appearance is important apply the coating thinly and build up the layer over extra coats, do not allow the coating to form into pools.

#### **COVERAGE** PRIMER AND TOP COAT:

4 - 6 square metre per kg

Coverage will depend on surface porosity and texture.

#### **CURING** PRIMER AND TOP COAT:

Touch dry 6-8 hours

Full Cure 7 days

Maximum period between coats: 24 hours

Some surface abrasion may be necessary to ensure intercoat adhesion if coat on coat time is longer than 24 hours.

All cure times given are for room temperature (18°C) and average humidity.

**PACKAGING** Available in 1kg, 2.5kg and 5kg packs

**CLEANING** Uncured material can be washed off with water.

The information provided in this product data sheet, is given in good faith, and is, to the best of our knowledge, true and accurate. However, recommendations and suggestions are made without prior guarantee as conditions of use, and labour involved, are beyond our control.

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