

# MasterTop<sup>®</sup> P 1240/50

## Epoxy primer for MasterTop 1240

### DESCRIPTION

**MasterTop P 1240/50** primer is a two-component solvent free primer based upon epoxy resins. It is used to promote the adhesion of new epoxy screeds to existing concrete substrates.

### TYPICAL APPLICATIONS

**MasterTop P 1240/50** is used to bond **MasterTop P 1240** epoxy screed to concrete and other materials after first ensuring their strength and suitability as substrates.

### ADVANTAGES

- Low viscosity
- Solvent free

### PACKAGING AND COLORS

**MasterTop P 1240/50** is supplied in 2.8 kg pack and available in Colourless.

### TYPICAL PROPERTIES\*

Mixing ratio A:B	70:30 by weight
Mixed density at 25°C	Approx. 1.09 gm/cm <sup>3</sup>
Open time at 25°C	Approx. 20 min

### APPLICATION GUIDELINES

#### Preparation

In new construction, concrete to receive high performance epoxy screeds should be designed, mixed and placed in accordance with internationally accepted good practice. The concrete should be at least 28 old unless water reducing admixtures have been used. Sufficient compressive and tensile strength to withstand dynamic loading is required. Laitance or concrete contaminated with oils, greases etc. should be completely removed by captive blasting or mechanical means such as scabbing. Finally ensure the surface is dust free, using an industrial vacuum.

#### Note

Acid etching should only be used as a method of preparation in exceptional circumstances and with prior consultation with Master Builders Solutions Technical Services Department.

#### Storage

Prior to application, **MasterTop P 1240/50** should be stored under cover and in dry conditions and protected from extremes of temperature. During application in cold conditions, correct conditioning will help, but application should be halted if the ambient temperature is likely to fall below 10°C. Consideration should be given to the substrate or base slab as it may be considerably different from the surrounding air temperature. When temperatures exceed 30°C during application, working times will be reduced significantly. Correct conditioning of the constituents is essential.

### MIXING

Mixing should be carried out using a slow speed drill, with a suitable paddle, making sure to reach the bottom and sides of the mixing vessel. Mix for at least 1- 2 minutes until uniform consistency is achieved. The components are pre-weighed and should not be split or divided.

### PLACING / APPLICATION

**MasterTop P 1240/50** should be worked well into the substrate by brush or roller. Apply according to stated coverage. The **MasterTop P 1240/50** should be allowed to stand for 20 minutes before applying the chosen epoxy screed, to check for absorption. If the surface becomes matt, showing absorption, re-prime the surface. The chosen epoxy screed should be installed whilst the primed surface is still tacky.

If the primer hardens re-prime within 24 hours.

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## EQUIPMENT

- Vacuum recovery shot blasting machine
- Scabblers
- Industrial vacuum
- Masking tape/polythene sheets
- Goggles
- Lighting
- Slow speed drill with suitable paddle
- Industrial gloves

## CLEANING

Remove **MasterTop P 1240/50** from tools and equipment using a suitable thinner (Xylene / MEK / Acetone) immediately after application.

## THEORETICAL COVERAGE

**MasterTop P 1240/50** 4-6 m<sup>2</sup>/kg  
 Calculated usage assumes constant application thickness on a regular substrate.

## STORAGE AND SHELF LIFE

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. The shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department.

## HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use. For specific storage and disposal instructions refer to the Material Safety Data Sheet.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

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## STATEMENT OF RESPONSIBILITY

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## NOTE

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