

# 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.

### PRIMARY USES

**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

**MasterTop P 1240/50** is available in 2.8kg packs

### TYPICAL PROPERTIES\*

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

### APPLICATION PROCEDURE

#### 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 BASF Middle East's 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.

### 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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## THEORETICAL COVERAGE

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

## EQUIPMENT

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

## EQUIPMENT CARE

Remove **MasterTop P 1240/50** from tools and equipment using a suitable Xylene thinners immediately after application.

## STORAGE

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. Shelf life up to one year. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF's Technical Services Department.

## SAFETY PRECAUTIONS

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.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative. BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY AND CARE

All products originating from BASF's 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, ISO 14001 and ISO 45001.

\* Properties listed are based on laboratory controlled tests.

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## STATEMENT OF RESPONSIBILITY

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## NOTE

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