

# MASTERTOP<sup>®</sup> 1200 PLUS RESIN

## Two-component solvent free epoxy resin

### Description

MASTERTOP<sup>®</sup> 1200 Plus Resin is an epoxy solvent free used as primer and sealer for MASTERTOP<sup>®</sup> epoxy flooring systems.

### Primary uses

MASTERTOP<sup>®</sup> 1200 Plus Resin maybe used as the surface sealer/Primer for MASTERTOP<sup>®</sup> 1210 Plus, 1230 Plus.

MASTERTOP<sup>®</sup> 1200 Plus Resin may be used in the following industries:

- Pharmaceutical & medical laboratory situations.
- Food and beverage production.
- Car production facilities.
- Aircraft hangars and maintenance areas.
- Warehouses - for installations with a medium frequency and volume of traffic.
- Traffic decking & car parks
- Exhibition halls

### Advantages

- Easily applied.
- Seals porous substrates.
- Easily cleaned.
- Good general chemical resistance.

### Packaging

MASTERTOP<sup>®</sup> 1200 Plus Resin is supplied in 12.4kg units. The colour pack is supplied as a separate 0.6kg unit.

### \*Typical properties

Pot life @ 25°C:	20 mins
Mixed density @ 25°C:	1.09kg/litre
Maximum service temp:	60°C
Bond strength	Greater than cohesive strength of good quality concrete

### Guide to application

#### As a sealer / primer

Remove all surface laitance, oil, grease or any defective concrete that will reduce the bond of the MASTERTOP<sup>®</sup> 1200 Plus Resin to the substrate.

Surface irregularities must be ground down or filled out with MASTERTOP<sup>®</sup> Filler 2200 or repair materials from the EMACO & MASTERTOP<sup>®</sup> ranges.

A light etch giving the texture of medium grit sand paper is the ideal surface profile for the application of MASTERTOP<sup>®</sup> 1200 Plus, this can be achieved by captive blasting or light grit blasting.

After preparation has been completed, ensure all dust is removed from the surface.

Prior to application MASTERTOP<sup>®</sup> 1200 Plus should be stored under cover and protected from extremes of temperature which will cause inconsistent workability, finish and cure times for the mixed material. Ideally at least 24 hours before mixing, MASTERTOP<sup>®</sup> 1200 Plus should be conditioned at approximately 20°C.

When used as a topcoat and surface sealer of MASTERTOP<sup>®</sup> 1240 it may be applied as soon as the surface is firm enough to walk on without leaving impressions. It must be applied before the screed is opened to traffic and ideally within 48 hours.



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## **Mixing / application:**

Pour the reactor into the base, add the colour pack (if required) and mix for 1 minute using a drill and spiral mixing head.

**When all striations have disappeared and a uniform colour is obtained the material is ready for use.**

## **As a sealer / primer for MASTERTOP<sup>®</sup> 1210 Plus and 1230 Plus**

Pour the reactor into base component and mix together for 1 minute or until all striations have disappeared. Apply the mixed material to the substrate, at the rate of 6-8m<sup>2</sup> / litre using a medium or short hair roller. Allow the sealer to become completely tack free before overcoating with MASTERTOP<sup>®</sup> 1210 Plus or 1230 Plus.

## **Sealing:**

All porous concrete surfaces to be overlaid with MASTERTOP<sup>®</sup> 1210 PLUS must be sealed with a coat of MASTERTOP<sup>®</sup> 1200 PLUS resin with the addition of 0.5ltr of SOLVENT NO. 2. Add the SOLVENT NO. 2 to the base and reactor components, after they have been decanted into the mixing container, then mix the base and reactor components together until all striations have disappeared. Apply the mixed material to the dry substrate at the rate of 6-8 m<sup>2</sup> / litre using a medium or short hair roller. Allow the sealer to become completely tack free before over-coating with MASTERTOP<sup>®</sup> 1210 PLUS or MASTERTOP<sup>®</sup> 1230 PLUS.

## **Watchpoint**

MASTERTOP<sup>®</sup> 1200 Plus is suitable for application to smooth surfaces only. Coverage is dependent on surface porosity and regularity. Rates given are indicative only.

## **Yield**

MASTERTOP<sup>®</sup> 1200 Plus Resin standard pack of 12.4kg will yield 11.38 litres.

## **Equipment care**

Remove uncured MASTERTOP<sup>®</sup> 1200 Plus from tools and equipment using SOLVENT NO. 2.

## **Storage**

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. In tropical climates the product must be stored in an air conditioned environment.

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**

Request and refer to printed MSDS.



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## 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 OHSAS 18001.

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\* Properties listed are based on laboratory controlled tests.

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**As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.**

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