

# MasterTop 1200

## Two-component solvent free epoxy resin

### MATERIAL DESCRIPTION

**MasterTop 1200** is a solvent free epoxy used as primer and sealer for MasterTop epoxy flooring systems.

### PRIMARY USES

**MasterTop 1200** may be used as the surface sealer/primer for **MasterTop 1210** and **MasterTop 1230**.

**MasterTop 1200** 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.

### PACKAGING

**MasterTop 1200** is supplied in 15kg units.  
 Base = 10.5 kg ; Reactor = 4.5kg.

### ADVANTAGES

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

### 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 1200** to the substrate.

Surface irregularities must be ground down or filled out with **MasterBrace ADH 2200** or repair materials from the MasterEmaco & MasterTop ranges.

A light etch giving the texture of medium grit sandpaper is the ideal surface profile for the application of **MasterTop 1200**, 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 1200** 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 1200** should be conditioned at approximately 20°C.

When used as a topcoat and surface sealer of **MasterTop 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.

#### Mixing:

All porous concrete surfaces to be overlaid with **MasterTop 1200** must be sealed with a coat of **MasterTop 1200** with the addition of 0.5ltr of Xylene. Add the Xylene 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 1210** or **MasterTop 1230**.

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### WATCHPOINT

**MasterTop 1200** is suitable for application to smooth surfaces only. Coverage is dependent on surface porosity and regularity. Rates given are indicative only.

### YIELD

**MasterTop 1200** standard pack of 15kg will yield 13.76 litres.

### EQUIPMENT CARE

Remove uncured **MasterTop 1200** from tools and equipment using Xylene.

### 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.

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.

### SAFETY PRECAUTIONS

Request and refer to printed MSDS.

### NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

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### QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions South Africa (Pty) Ltd are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

\* Properties listed are based on laboratory controlled tests.

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