

MasterTop[®] 1200

Two-component solvent free epoxy resin

DESCRIPTION

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

TYPICAL APPLICATIONS

MasterTop 1200 may be used as the surface sealer/primer for **MasterTop 1210** and **MasterTop 1230**. Also, as a basecoat and sealer for **MasterTop 1221A**.

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

ADVANTAGES

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

PACKAGING

MasterTop 1200 is supplied in 15 kg units.

TYPICAL PROPERTIES*

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

APPLICATION GUIDELINES

PRIMING

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 **MasterTop 2200** or repair materials from the **MasterEmaco** and **MasterTop** ranges.

A light etch giving the texture of medium grit sand paper 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.

MIXING

All porous concrete surfaces to be overlaid with **MasterTop 1210** or **MasterTop 1230** must be sealed with a coat of **MasterTop 1200** with the addition of 0.5 L of a suitable thinner (Xylene / MEK / Acetone). Add the thinner to the base (PTA) and reactor (PTB) components, after they have been decanted into the mixing container, then mix them together until all striations have disappeared. Apply the mixed material to the dry substrate at the rate of

6-8 m² / L using a medium or short hair roller. Allow the sealer to become completely tack free before over-coating with **MasterTop 1210** or **MasterTop 1230**.

As a basecoat and sealer for **MasterTop 1221A**:

Basecoat: approx. 0.15-0.2 kg/m²

Sealer: approx. 0.15-0.3 kg/m²

MasterTop[®] 1200

CLEANING

Remove uncured **MasterTop 1200** from tools and equipment using a suitable thinner (Xylene / MEK / Acetone).

COVERAGE / YIELD

MasterTop 1200 standard pack of 15 kg will yield 13.76 L.

WATCHPOINTS

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

STORAGE AND SHELF LIFE

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.

HEALTH AND SAFETY

Request and refer to printed MSDS.

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.

® = Registered trademark of the MBCC Group in many countries.

MBS_CC-UAE/Top_1200_11_98/v2/02_16/v3/9_19

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

Master Builders Solutions
Construction Chemicals LLC
P.O. Box 37127, Dubai, UAE
Tel: +971 4 8090800
www.master-builders-solutions.com/en-ae

Disclaimer: the TUV mark relates to certified management system and not to the product mentioned on this datasheet



A brand of
MBCC GROUP