

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.

PRIMARY USES

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 12.4kg units.

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 **MasterTop 2200** or repair materials from the **MasterEmaco & 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 / APPLICATION

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 0.5ltr of **MasterTop THN 2**. Add the **MasterTop THN 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 m² / 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**.

As a basecoat and sealer for **MasterTop 1221A**:
Basecoat: approx. 0.15-0.2kg/m²
Sealer: approx. 0.15-0.3kg/m²

MasterTop[®] 1200

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 12.4kg will yield 11.38 litres.

EQUIPMENT CARE

Remove uncured **MasterTop 1200** from tools and equipment using **MasterTop THN 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 MBCC's Technical Services Department.

SAFETY PRECAUTIONS

Request and refer to printed MSDS.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local MBCC representative.

MBCC reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from MBCC'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.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MBCC 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 MBCC either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not MBCC, are responsible for carrying out procedures appropriate to a specific application.

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