

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**. **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. The color 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 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.

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 / APPLICATION

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

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

As a sealer / primer for **MasterTop 1210** and **MasterTop 1230**

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

SEALING

All porous concrete surfaces to be overlaid with **MasterTop 1210** 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.

MasterTop® 1200

Two-component solvent free epoxy resin

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**.

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 Master Builders Solutions'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 Master Builders Solutions representative.

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

QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

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

CONTACT

Should you require any further information, please do not hesitate to contact us:

www.master-builders-solutions.com/en-sa
enquirycc.saudi@mbcc-group.com
M: +966 13 853 8600

Master Builders Solutions Saudi Arabia for
Manufacturing LLC.
P.O. Box 1884, Al Khobar, KSA

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.

Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.