

MasterTop[®] P 650

Two-component solvent free epoxy surface sealer and primer

DESCRIPTION

MasterTop P 650 is a high grade; low-viscosity, two-component epoxy primer and surface sealer. **MasterTop P 650** is used as a sealer or scratch coat with, and without, the addition of quartz sand.

TYPICAL APPLICATIONS

MasterTop P 650 is suitable for the sealing of concrete surfaces, as well as for the filling of fissures and joints. To improve adhesion **MasterTop P 650** is sprinkled with quartz sand while still wet to create a mechanical key for subsequent coatings.

MasterTop P 650 may be mixed with sand to the desired consistency to repair patches or form coverings. In either case the mixed mortar must be applied to a surface previously coated with **MasterTop P 650** resin and whilst still tacky. Consult your Master Builders Solutions representative.

Note: Refer to the Method Statement for Thin Section Epoxy Repairs if required using MasterTop P 650.

PACKAGING AND COLORS

MasterTop P 650 is available in 15 kg units and is colourless.

TYPICAL PROPERTIES*

Cured at 7 days @20°C	
Pot Life (25°C):	20 min
Density:	1.09
Bonding strength	Greater than cohesive strength of typical good quality concrete substrate
Application time	approx. 20 min. at approx. 25°C
Application temperature	10°C to 40°C substrate temp
Recoat after	approx. 6 h at 30°C
	approx. 12 h at 20°C

APPLICATION GUIDELINES

Cement bound substrates:

The surface to be coated must be clean and required free of dust, oil and grease; it must be capable of bearing loads. Laitance must be removed by means of captive blasting, grinding or other suitable method.

MIXING

Pour the reactor (PTB) component into the base (PTA) component then mix until streak free.

On porous surfaces a maximum of 0.5 L of a suitable thinner (Xylene / MEK / Acetone) per 15 kg unit of primer may be added to improve penetration.

PLACING / APPLICATION

Apply by roller brush or airless spray at the required coverage to suit the application for which it is being used.

COVERAGE / YIELD

From 0.15 kg/m² depending on surface texture and porosity.

STORAGE AND SHELF LIFE

Shelf life is minimum 12 months. Store under cover, out of direct sunlight and protect from extremes of temperature. 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 Technical Services Department.

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HEALTH AND SAFETY

Avoid any inhalation of vapours, avoid skin contact
Wear protective gloves and protective goggles. In case of skin contact, rinse immediately with soap and water. In case of eye contact, bathe eyes with water at once, then consult a doctor. Observe the guidelines concerning the handling of epoxy resins and amines issued by the Employer's Liability Insurance Associations.

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.

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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.

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