

Selection & Specification Data Sheet

Description

A solvent free, two component epoxy primer for application over concrete surfaces / Metal steel and kota stones floor surface . It provides excellent adhesion.



Areas of Application

Because of its low viscosity and its good penetration properties, Conc (MS) PRIMER can be used as a surface primer for epoxy flooring systems such as CpoX 15 Self levelling Screed, CPOX SL 1000/MSC SL 1000,

Advantages

- Excellent adhesion to concrete surface
- High mechanical strength
- Solvent free
- Easy to apply
- High bond strength
- Can be used as a primer on kota stones after surface preparation

Technical Details

PRODUCT DETAILS :Two component solvent free epoxy primer

MIXING RATIO : (A:B) =- 1:1 (by weight)

MIX DENSITY : Approx. 1.55 kg/ltr

VOLUME OF SOLIDS : 100%

COVERAGE : 0.15 Kg/sqm at 75 microns thickness

POT LIFE : Approx. 20 minute at 25°C.

RECOATING TIME : Approx. 4 hours (tack free)

CURING TIME : Foot traffic –after 18 hours.

FULL CURE : 7 days

COMPRESSIVE STRENGTH : Min. 55 N/mm². at 30° C
(7 days)

BOND STRENGTH TO CONCRRETE : Concrete Failure

Packaging

Supplied in 20 Kg. pack

Special packs may be available on request.

Self Life One year in original unopened containers. Do not expose the stored material to direct sunlight. Shall be kept in cool and dry place.

CONC (M S) PRIMER

All Purpose Epoxy Primer



Application Methodology

SURFACE PREPARATION

MS/Cement bound surfaces must be clean; dry free from dust, dirt, foreign matter, and cement laitance and additionally free of oil, grease and other impurities, which can adversely affect uniform adhesion. If considered necessary, the surface should be cleaned by blasting or mechanical means.

IMPORTANT SURFACE CONDITION:

Please ensure the moisture content on the concrete to be less than 4% before priming. Concrete should be sound and minimum M20 grade . Minimum substrate temperature is 10° C.

MIXING:

For mixing purpose a specially designed drum mixer or drilling machine fitted with an impeller stirrer is used. Always stir Comp. A with a stirrer before use. Then add Comp. B as per proportion mentioned and mixes uniformly for 3-4 minutes.

After mixing is completed lay the mixture on the surface immediately. Spread the primer uniformly over the surface with a brush or roller.

After application, all the tools and equipment should be cleaned by using thinner such as CP Epoxy Thinner 101.

Health & Safety

Always use protective gloves, respiratory mask and goggles during use. Please contact our technical services department for Material Safety Data Sheet.

Safety Instructions

Please refer our Material Safety Data Sheet.

For Further Information, please Contact

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Conc (MS) Primer

CPPL/TDS/R128/FLR/20-21/26/R1

The information provided in this product data sheet is intended as a general guide only based on our understanding and experience of the products when properly used under normal conditions. The information is given in good faith and owing to variations in actual site conditions which are beyond the control of the company, no liability can be inferred from the information given. Users should determine the suitability of the product for their own particular purpose by their own tests.