



BOSTIK PRIMECOAT

Solvent free Epoxy resin based Surface tolerant and Moisture insensitive primer

TECHNICAL DATA SHEET

DESCRIPTION

Primecoat is a solvent free non pigmented two component system based on liquid epoxy resin with a special hardener for concrete and steel surfaces

USE

Primecoat is suitable for priming concrete and steel surfaces prior to the application of any of the Bostik range of resin based floor toppings.

ADVANTAGES

- Good combination of rapid cure and long pot-life at both ambient and low temperatures
- Excellent adhesion to wet and dry substrates
- Solvent free – non hazardous
- Low viscous – Easy to apply
- .Moisture tolerant during curing
- Applications for contact with potable water.

PROPERTIES

Colour	Amber
Mixing Ratio by weight, Primecoat Base: Hardener	2:1
Pot life at 27 +/- 2°C, in minutes,	30 - 40
Density	1.10 – 1.15
Time interval between coats, hours	8 - 12
Material consumption, gm/coat/sq m On concrete	170 - 200
No.of coats	1 - 2
Method of application	Brush / Roller
Dry film thickness on steel for 250 gm/m ²	120 – 150 microns
Finish	Semi gloss - Gloss
Thinner	Bostik Thinner E

APPLICATION INSTRUCTIONS

Surface preparation:

Concrete surfaces should be free from laitance and dust by sandblasting. In case sand blasting is not possible, thorough abrading with a hard wire brush can be used, though it is not as efficient. Otherwise, acid etching using 1 part of Hydrochloric acid with 2 parts of water can be carried out. The solution should be brush applied over the surface liberally and left in contact for 15 minutes. Then it is washed off with plenty of water followed by thorough drying with hot water.

The pre-requisites for good adhesion of the coating are cleanliness, roughness and dryness of the surface. Unless these are ensured by proper surface preparation, a successful performance can not be guaranteed.

The degree of dampness of the surface must be less than 4%.

STEEL SURFACES :

Iron and steel surfaces must be free from rust, scale, dust, grease and other impurities which can prevent adhesion.

APPLICATION

Primer application:

One brush coat of the following system is recommended as a primer, on the already treated surface :

Bostik Primecoat Base 2 parts by weight
Bostik Primecoat Hardener 1 part by weight

Both the components are individually mixed thoroughly for homogeneity and then mixed together in the above recommended ratio and applied using the conventional brush or roller. The primer should be allowed to be just tack-free prior to the application of subsequent coating

Note:

1. Normally 1 or 2 coats are recommended as a sealer and one coat is recommended as a primer for solvent free coatings.
2. If longer intervals occur between individual coating or in case coating is to be removed, the old surface should be thoroughly roughened and cleaned.
3. When working in closed areas like inside containers or silos, good ventilation must be provided.
4. After the application, Primecoat should be protected from rain and dew for a period of 6 hours.

COVERAGE

5-6 sqm/kg Actual coverage depends on the nature of the substrates

CLEANING

Immediately after application of Primecoat, clean the tools, equipment and the mixing container using solvents like Bostik Thinner E otherwise, removal of dried / hardened epoxy mortar is difficult.

PACKING

Primecoat 6 kg

STORAGE & SHELF LIFE :

Primecoat Base, and Hardener as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 12 Months in the original packing.

HEALTH & SAFETY:

Primecoat contains organic resins and hardeners which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapour. In case of contact, wash liberally with water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling.

ADDITIONAL INFORMATION

“Bostik India P Ltd.,“ also supplies other construction chemicals, concrete repair and rehabilitation products including protective coatings, epoxy and polyurethane coatings and floor toppings, water proofing, concrete repair products, tile adhesives and grouts, adhesives and sealants based on PU and elastomeric rubbers for varied application in packaging, foot ware etc.,

WARRANTY

Whilst Bostik India P Ltd., strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.

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