

EPO BITU COAT PRIME

Bitumen Emulsion Based Protective Coating & Primer for Bitumen Sheet Membrane



DESCRIPTION

EPO BITU COAT PRIME is a low viscous ready to use cold applied bitumen emulsion designed for applications as a primer for bitumen sheet membrane and protective coating for concrete. It is resistant to sub-soil corrosive salt and fungal protection of substrates.

TYPICAL APPLICATIONS

- Protective coating for concrete and brick foundations, basements, retaining walls, bridge abutments, sandwich panel, asphalt, wood, asbestos and other surfaces likely to have dampness.
- Can be used as a primer for **EPO BITU COAT** and bitumen sheet membrane.

ADVANTAGES

- Ready to use and easy to apply
- Solvent free, nontoxic and non-flammable
- Multipurpose, serves as protective coating, curing membrane, primer and sealer
- Excellent adhesion on wide ranges of substrates
- Resistance to soil acids and salt solutions
- Effective on dry and damp surfaces
- Economical in use

PRODUCT DATA

Form	Liquid
Colour	Dark brownish, drying to black liquid
Packing	15Kg Metal Can 200Kg Metal Drum
Coverage	About 0.150 - 0.250 Kg/m ² per coat will provide 100 microns (dft) thickness per coat.
Shelf life	12 months if stored in dry and cool place without opening package

TECHNICAL SPECIFICATION

Test Name	Average Result
Density	1.05 ± 0.03 Kg/liter
pH@ 25°C	10 ± 2
Dry Time (Full dry) @ 25°C	3 to 4 days
Recoat time @ 25°C	2 to 4 Hrs
Chemical resistance	Resistance to potable water, salt water, dilutes acids and alkali.
Heat flow resistance	Cured film will not sag or flow under service conditions
Toxicity	Non-Toxic



APPLICATION PROCEDURE

SURFACE PREPARATION

All surfaces should be free from oil, dust and loose particles. Former concrete surfaces should be cleaned by means of water jetting prior to application.

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METHOD OF APPLICATION

EPO BITU COAT PRIME should be thoroughly mixed before application. It can be applied by means of brush, roller or airless spray. As a primer single coat is enough. As protective coating all surface should be treated with two or three coats. A typical two coat **EPO BITU COAT PRIME** application would yield a total thickness of 150 to 200 micron (dft). Coverage varies depends on the factors such as type and quality of substrate and method of application.

Each coat should be applied at right angles to the previous one to obtain proper coverage and uniformity. When screed or render is to be applied onto the coating, final coat should be sprinkled with sharp clean sand and allowed to dry. Brush off excessive sand before application of screed /renders.

First coat of **EPO BITU COAT PRIME** must be fully dry before the subsequent coat is applied. Normal drying time is between 2 to 4 hours. In condition of high humid and cold weather, this may extend up to 12 hours or more.

CLEANING

Use only fresh water for cleaning of tools and equipment.

FIRE AND SAFETY PRECAUTIONS

EPO BITU COAT PRIME is water based material and nonflammable. Wear safety mask and goggles during application.

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