

## DESCRIPTION

**EPO BITU COAT** is a ready to use cold applied bitumen emulsion modified with rubber latex for damp proofing and waterproofing coating specially formulated and resistant to sub-soil corrosive salt, fungal protection and waterproofing of substrate including metals.

## TYPICAL APPLICATIONS

- Waterproofing /damp proofing concrete and brick foundations, basements, retaining walls, bridge abutments, sandwich panel, asphalt, wood, asbestos and other surfaces likely to have dampness.
- As a metal protector which provides protection against corrosion of pipes, steel structural works and other metallic surfaces.
- Suitable to use as a curing membrane, primer & sealer for building sub structures

## 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
- Anti-corrosive
- Resistance to soil acids and salt solutions
- Effective on dry and damp surfaces
- Economical in use

## PRODUCT DATA

<b>Form</b>	Liquid
<b>Colour</b>	Dark brownish-black liquid
<b>Packing</b>	3.5 Kg Can, 15 Kg Metal Can & 200 Kg Metal Drum
<b>Coverage</b>	About 0.3 to 0.5 Kg/m <sup>2</sup> per coat will provide 150 microns (dft) thickness per coat.
<b>Number of Coats</b>	Recommended to apply one or two coats depending on degree of protection required
<b>Shelf life</b>	12 months if stored in dry and cool place without opening package

## TECHNICAL SPECIFICATION

Test Name	Average Result
<b>Density</b>	1.02 ± 0.03 Kg/liter
<b>pH@ 25°C</b>	10 ± 1
<b>Dry Time (Full dry) @ 25°C</b>	3 to 4 days
<b>Recoat time @ 25°C</b>	2 to 4 Hrs
<b>Chemical resistance</b>	Resistance to potable water, salt water, dilutes acids and alkali.
<b>Heat flow resistance</b>	Cured film will not sag or flow under service conditions
<b>Toxicity</b>	Non-Toxic
<b>Flexibility</b>	Excellent



## 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. **EPO BITU COAT** should be thoroughly mixed before application. It can be applied by means of brush, roller or airless spray.



# EPO BITU COAT

Rubberized Bitumen Emulsion Based Protective Coating



Metal surfaces must be wire brushed to remove loose rust, mill scale etc. wipe off oil and grease from the surface with a suitable solvent.

## METHOD OF APPLICATION

Primer usage is not mandatory, but based on substrate condition if required use **EPO BITU PRIME** as primer at the rate of 0.1 to 0.3 Kg/m<sup>2</sup> to ensure proper bonding of subsequent coat or **EPO BITU COAT** can be thinned down with equal amount water may also be used as primer.

A typical two coat **EPO BITU COAT** application would be yield a total thickness of 150 to 300 micron (dft), Coverage varies and depends on the factors such as type and quality of substrate and method of application.

Each coat should be 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** 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

Water based material, Nonflammable Wear safety mask and goggles during application

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