

● DESCRIPTION

Polycoat is a thixotropic bitumen emulsion manufactured to comply with ASTM D 1227 Type III Class 1 (Non-fibrated). The coating is dark brown in color and dries to a black flexible protective film. The finished film forms a barrier to water and vapor transmission.

● FEATURES

- Resists attack of salts present in soil and underground water.
- Easy to apply.
- Cold applied.
- Adheres to concrete, metal, wood, cork, etc.
- Non-flammable.
- Versatile.
- Economical.
- Conforms to ASTM D 1227.

● USES

Polycoat emulsions are used for general waterproofing, damp-proofing and protective coating for below ground concrete structures. This can also be used for built-up roofing systems and other exposed surfaces, as a damp proofing membrane, as vapor seal or as a protective coating.

● APPLICATIONS INSTRUCTIONS

Surface Preparation

Ensure that surface to be treated is sound and free from all oil, grease and other foreign matters. Cracks, potholes and honey combs are to be repaired with a suitable material from the **Polycrete** range of repair mortars.

Priming

Primer is always recommended prior to coating as it not only seals the porous substrate but also acts as an adhesion promoter for further coatings. The primer coat can be made in the site by diluting the same emulsion with 20% water. The primer may be applied by brush, roller or spray. Allow the primer to dry before any further coats are applied. However, if the primer coat is left open for more than 24 hours after it becomes dry, clean the surface of any settled dust and apply a fresh coat of the primer.

Application

Stir the contents of the drum thoroughly prior to application to remove any sediment. The application can be done with roller, brush or squeegee.

Apply the 1st coat by a brush, roller or squeegee. Typically the coating applied @ 5m²/lt will give a Dry Film Thickness of 100 microns. The second coat is to be applied at the same rate and at right angles to the first coat. The first coat must be dry before applying the second coat. However, the coverage depends on the smoothness and porosity of the substrate and the required thickness of the coating.

● TECHNICAL DATA

Form	: Thick Viscous Liquid
Color	: Dark Brown
Specific gravity at 25°C	: 0.98 - 1.04
Solid Content	: 50% ± 5
Firm Set	: 24 hours.
Coverage	: 5m ² /lt/coat for 100 microns D.F.T.
Application Temperature	: +5°C to +60°C
Service Temperature	: +5°C to +85°C

- **PACKAGING**

1.5 lt. Pails & 200 lt. drums.

- **STORAGE & SHELF LIFE**

Store under cover, out of direct sunlight and protect from extreme temperatures. Shelf life is up to 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

- **HEALTH & SAFETY**

As with all construction chemical products, caution should always be exercised. Protective clothing such as Gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidental Swallowed, do not induce vomiting, but call for medical assistance immediately.

Last revised on June 2006

Technical information given in this data, is to the best of our knowledge and is true and accurate.
All data are averages of several tests conducted under lab condition.
Climatic variation such as temperature, humidity and prosoity of substrate may affect the values.



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