

BITU PRIME WB

Water based Bitumen emulsion protective coating

DESCRIPTION

BITU PRIME WB is a single component bitumen emulsion protective coating. It dries to form a black flexible and tough protective coating.

USES

BITU PRIME WB is used for general waterproofing, damp-proofing and protective coating for below ground concrete structures against attack by ground salts. This can also be used as the protective coating for built-up roofing systems and other exposed surfaces, as a damp proofing membrane or as vapor seal.

It is used as primer coat prior to the application of torch applied bituminous waterproofing membranes.

ADVANTAGES

- Cold applied, Easy to apply
- Quick drying
- Non-flammable
- Can be applied over damp surfaces
- Excellent adhesion to concrete, metal and wood.

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	VALUE
Componet	-	Single
Mixed Form	-	Liquid emulsion
Colour	-	Black
Drying time	-	90-120mins
Recoat time	ASTM D 2939	4-24hrs
Top Coat Time	ASTM D 2939	8-24 hrs
solid content	ASTM D 244	50+/-3%
Chemical resistance	-	Good
Service Temperature	-	10°C to 85°C

BITU PRIME WB conforms to the requirement of ASTM D 1227 - Type III, class 1 The drying time depends on the type of substrate, temperature, humidity and thickness.

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 'CARBON' range of repair mortars.

PRIMING

Primer is always recommended prior to coating, as it not only seals the porous substrates but also acts as an adhesion promoter for further coatings. The primer coat can be made in the site by diluting **BITU PRIME WB** with 10-15% of 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 first coat of primer.

CLEANING: Clean tools immediately after use in a strong soap solution. Keep brushes soaking in this solution between applications. Hardened it needs physical scraping followed with treatment in white spirit.

COVERAGE: Depending on the dry film thickness required, apply the **BITU PRIME WB** at 4-5 m²/Lit./coat.

PACKAGING: **BITU PRIME WB** is supplied in 200 Litre Drum, 20 Litre and 15 Litre Pail.

STORAGE: The drums & pails must be stored in a covered area, away from direct sunlight and protected from extreme temperature.

SHELF LIFE: Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is

12 months from the date of manufacturing.

CAUTIONS

Health and Safety

It is non-hazardous and non-flammable emulsion. Always wear hand gloves, safety shoes and safety goggles while using and handling this product. Avoid contact with skin and eyes. When contact with eyes, wash with plenty of water and seek medical facilities immediately.

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