

PRODUCT DATA SHEET

BITU PRIME RBE

*Rubber modified Bitumen Emulsion***DESCRIPTION**

BITU PRIME RBE is a ready to use cold applied bitumen emulsion modified with rubber latex, to provide a tough durable and elastic coating.

The cured film is weatherproof and resistant to aggressive ground salts.

USES

Tanking, waterproofing concrete, brick foundation, retaining wall, bridge abutments, basements & columns etc.

- Adhesion for bonding wooden flooring, insulation board, expanded polystyrene PVC and cork tiles etc.
- Curing membrane cum protective coating for sub structure.
- Damp proof membrane in sandwich construction.

ADVANTAGES

- Excellent adhesion to most building substrates.
- Single component, non-flammable and easy to apply tough impermeable film with good resistance to rupture during back filling.
- Forms a tough, elastic and seamless coating upon drying.
- Resist attack from chloride and sulphate ions, excellent resistance to extreme of temperature, avoiding risk of flow or embrittlement.

TECHNICAL PROPERTIES

Color:	Brown Liquid	-
Specific Gravity @ 25 °C:	1.0 (±0.02)	ASTM D2939
Solid Content:	40% (±2)	ASTM D2939
Rubber Content	~10%	ASTM D1644
Flash Point:	Non-Flammable	
Drying Time @ 25 °C:	1-2 hours (Touch Dry)	
Over coating Time:	4 Hrs. minimum these limits will extended under low temperature or high humidity.	

Service Temperature: -5 °C to 75 °C

All values given are subject to 5-10% tolerance.

BITU PRIME RBE conforms to the requirement of ASTM D 1227 - Type III, class 1 & ASTM C309.

The drying time depends on the type of substrate, temperature, humidity and thickness.

SURFACE PREPARATION

Surfaces should be sound. Clean and free from contaminants loosely adhering particles such as cement, laitance, rust scales etc. should be removed by suitable means.

APPLICATION

It can be applied by brush, squeegee or spray. When spraying it is advisable to dilute the product with 10% clean water. Hot dry or very porous substrates should be dampened with clean water prior to application of **BITU PRIME RBE**.

A priming coat with it and cool clean water in equal proportions is also recommended for hot, dry & porous concreted substrates. When two or more coats are required, it is important that the preceding coat is fully dry before the successive coat is applied. Coat should be brushed at right angle to each other. When screed or render is applied on to the coating, the final coat should be blind deal with clean sharp sand and allowed to dry. Brush off excessive sand prior to applying the screed or render.

BITU PRIME RBE must be stirred well before use. If a primer coat is applied, allow it to dry completely before applying subsequent coats. Each coat must be allowed to dry before.

Do not apply **BITU PRIME RBE** to outside areas in wet weather or when rain is expected. Protect freshly applied product from rain until it's fully cured.

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 rubberized bitumen coating at 1–4 m²/Ltr./coat. Damp Proof Membrane/Vapor barrier Waterproof membrane

Curing Membrane

- . Apply two coats at 3-4 m²/Ltr./coat.
- . Apply two coats at 1.5 – 2.0m²/Ltr./coat.
- . Apply two coats at 5-6m²/Ltr./coat.

PACKAGING: BITU PRIME RBE is supplied in 200 Liter Drum, 20 Liter and 15 Liter Pail.

STORAGE: BITU PRIME RBE 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.

Furthermore the specifications and description herein cannot be used to void a contract.

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