

Echo Water Based Bitumen

• DESCRIPTION & FIELD OF APPLICATION

Echo Water Based Bitumen Paint is a synthetic rubber co-polymer modified waterproofing membrane engineered for use in sub-grade areas, it is effective and economical waterproofing membrane designed for areas that do not require painting or a finishing coat.

It is environmentally safe, easy to apply and suitable for use for the collection of drinking water. Which dries to give a flexible, joint less, black waterproof coating.

Recommended for use for asphalt, concrete, corrugated iron, lead and zinc, roofing felt and other similar roof surfaces. It may be applied to both damp and dry surfaces, Basements, foundations and retaining walls as a waterproofing and protective coating. Under tiles in bathroom and kitchen (wet areas) or under roof tiles due to its exceptional resistance. It can be also used to protect primed steel, concrete and wood due to its high resistance against water, chemical fumes, alkali and acid solutions.

• MAIN FEATURES

- Cold applied, easy to apply
- High Internal & external walls
- Excellent waterproof performance, remaining flexible and watertight in permanently wet conditions.
- Prevents damage, efflorescence, mould growth, staining and paint peeling associated with moisture transfer.
- Excellent adhesion to wide variety of substrates.
- Economical, fast drying and easy to use.
- Suitable for permanent immersion.
- Resistant to water, alcohol, most salt solutions, some dilute acids and alkalis.
- Not Resistant to Oils, solvents, and some detergent solutions

• PHYSICAL SPECIFICATIONS

- | | |
|---------------------------|------------------------|
| - Specific gravity @ 25°C | - 1.0 (±0.02) kg/litre |
| - Firm set @ 25°C | - 24 hours |
| - Flash point | - Non- Flammable |
| - Resin | - Acrylic Polymer |



- Theoretical Coverage
- Drying Time at 25°C
- 1.6 m²/liter
- Dry film:: 5 to 7 hours
- Recoating Interval: 24 hours^(minimum)

• SURFACE PREPARATION

The surface must be free from moss,dust, rust, grease, and any other foreign matter which can affect adhesion. Any structural repairs necessary should be made;Very porous surfaces should be treated before application.

• APPLICATION:

- Stir the contents before use.
- Echo Water Based Bitumen Paint should be applied in three coats.
- **First** coat should Diluted with an equal volume of clean cold water.
- **Second** coat should Diluted with 10% of clean cold water.
- **Third** coat 100% Echo Water Based Bitumen (undiluted).
- Every coat must be allowed to completely dry before proceeding
- First coat may be skipped depending on the surface and the requirement.

• CONDITION OF APPLICATION:

- It is advantageous to dampen brushes and brooms with water before and During use to avoid clogging and ensure maximum ease of application, For surfaces regularly subject to foot traffic, the treatment should be covered With concrete slabs or similar to provide a wearing surface.

• COLOR :

Black

• PACKING :

Us gallon - 19 liter Pail

• STORAGE

- The product must be kept in cool and well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life: up to 5 years from date of production, if stored as suggested.

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- **REMARKS**

- Avoid application below 5° C or over 85% relative humidity.
- After using, clean the application tools immediately with water.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.