

## Echo Solvent-Based Bitumen

### • DESCRIPTION & FIELD OF APPLICATION

Echo solvent-Based Bitumen Paint is a general purpose black bitumen paint, very quick drying and suitable for brush application. It is a solution of bitumen in a fast drying solvent. It has all the advantages of bitumen as a protective coating, including low permeability to moisture, waterproofness, resistance to oxidation and indefinite protection against ordinary acid and alkali solutions of low or medium concentration.

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

- High Internal & external walls
- Excellent adherence to all substrates
- Excellent coverage rate
- High penetration capacity on porous surface
- High stability and durability
- Fast touch drying
- Resistant to bacterial and fungal attack
- Excellent waterproof performance, remaining flexible and watertight in permanently wet conditions.
- Prevents damage, efflorescence, mould growth, staining and paint peeling associated with moisture transfer.
- Suitable for permanent immersion.
- Resistant to water, alcohol, most salt solutions, some dilute acids and alkalis.

### • PHYSICAL SPECIFICATIONS

- |                                |                |
|--------------------------------|----------------|
| - Relative Density @ 15°C      | - 0.96 – 0.97  |
| - Viscosity B.S. B4 Cup @ 20°C | - 70 - 85 secs |

- Recommended Covering capacity (on steel) - 11m<sup>2</sup>/Liter
- Recommended Covering capacity (on concrete) - 5m<sup>2</sup>/Liter per coat – Concrete (dependant on porosity)
- Approximate solids content W/W - 75 %
- Flash point (Abel Closed Minimum) - 32°C
- Film Thickness per coat applied @11°C/Liter - Wet 0.1 mm
- Drying Time at 25°C - Dry film:: 5 to 7 hours  
Recoating Interval: 24 hours<sup>(minimum)</sup>

## ● SURFACE PREPARATION

- New Surfaces must be cleaned to remove all traces of grease, oil and other foreign matter.
- All mill scale and any rust that has formed must be removed prior to painting, Where previous paint is firmly adhering and sound, it needs to be removed.
- All loose flaking paint, scale, rust, dirt, grease etc..., should be removed so that the surface is completely free from loose matter.
- On surfaces where all existing rust cannot be removed and where long term protection is required, use fast drying red lead primer, no phosphate or other rust inhibitive primer in.

## ● APPLICATION

- Stir the contents before use.
- Echo solvent Based Bitumen Paint should A minimum of two coats is recommended to eliminate pin-holes and inadequate coverage of high spots.
- Every coat must be allowed to completely dry before proceeding

## ● CONDITION OF APPLICATION

- ensure this is dry before proceeding with the treatment Echo solvent Based Bitumen Paint is normally applied by brush, but can be sprayed or dipped. For dipping, it can be thinned if necessary using white spirit.

## ● 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.

- **REMARKS**

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