



Technical Data Sheet

Ecoguard BBE-40

Cold applied water based Black Bituminous Emulsion

Description

Ecoguard BBE-40 is a dark brown emulsified bitumen liquid reinforced selected raw materials to form a high-quality water proofing and protective coating for concrete and masonry.

Applications

Ecoguard BBE-40 provides a water proofing and protective coating for:

- Retaining walls.
- Shaded or tiled roofs.
- Planter boxes
- Underground concrete basements, walls and foundations.
- Wet floor areas such as bathrooms and kitchens.

Advantages

- Resists attack by chloride and sulphate ions present in ground water.
- Quick dry, single component.
- Strong adhesion.
- Easy to Apply.
- Solvent free and Asbestos free
- Nonflammable.

Technical properties

Properties at 25 °C	
Form	Liquid
Density	1.00 ± 0.02
Over coating time	10 hours
Solid content	≥ 40%
Application Temperature	5.0 -50.0 °C
Drying time	2-4 hours

Method of use

Surface preparation

Surface preparation is very important to get the highest performance of **Ecoguard BBE-40**. Any surface to be coated must be clean, sound and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser. All holes should be filled with a suitable cementitious mortar such as Ecofair FC2, FC2A, FC3 before application of **Ecoguard BBE-40**.

Primer Coat

There is generally no need for primer coat. Dusty surfaces and highly absorbent surfaces should be primed with 1-part **Ecoguard BBE-40** diluted with 2 parts of clean water and allowed to dry.

Application

It is recommended that two coats of **Ecoguard BBE-40** be applied. The second coat should be applied at a right angle to the first coat. Allow a minimum of 3 hours between coats. Stir well before use. **Ecoguard BBE-40** may be applied by brush, broom or squeegee.

Theoretical Coverage

Coverage rate depends on surface roughness and the method of application.

3 - 5 m²/ liter/ coat, as protective coating.

1 - 1.5 m²/ liter/ coat, as water proof coating giving a dry film thickness of 500 microns per coat. Two coats recommended.

Storage

Ecoguard BBE-40 shelf life is 12 months if stored at temperatures between 2°C and 50°C.

Store away from direct sunlight, and protect from freezing

Cleaning

All tools should be cleaned immediately after finishing by water.

Hardened materials can be cleaned by using solvents.

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Packaging

Ecoguard BBE-40 is available in 18 and 200 liters drum.

Cautions

Health and safety

Provide good ventilation – open windows and doors and use circulating fans.

- If product is splashed on skin it should be washed off with water before it can dry.
- Wear gloves and eye protection during application.

First Aid

Swallowed: Contact a doctor or Poisons Information Centre. Do not induce vomiting. Give water to drink.

Eye: Gently flush with running water, holding eyelids open for 15 min Seek medical attention.

For further information refer to the Material Safety Data sheet.

Fire

Ecoguard BBE-40 is non-flammable.

E n v i r o c o n C o n s t r u c t i o n P r o d u c t s L L C



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