



TARDIS MANUFACTURING CC t/a

Advanced Cement

Manufacturers of elegant cemented wall & floor concepts

Data sheet -Emulsified bituminous waterproofing

Description

Emulsified bituminous waterproofing is a thixotropic material used in conjunction with woven membrane for a variety of waterproofing jobs:

- Non-exposed areas such as retaining walls and cavity walls.
- Cement dams and water features.
- Behind tiles in showers, bathrooms and kitchens.
- Gutters, roof joints and roof screws.

A bituminous waterproofing product with fibre is also available, that doesn't need the woven membrane.

COVERAGE

(Approximate depending on type and porosity of the substrate)

- Without reinforcing membrane: 1 litre per m² for a 2 coat application.
- With built up reinforced system: 3 litres per m² with woven reinforcing membrane.
- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae and grease. Repair damage and return to sound condition.
- Porous surfaces: Prime porous surfaces with a thin coat (rate of 0,4 litre per m²) of diluted 50:50 with water. Allow to dry (3 to 4 hours depending on conditions).
- Metal surfaces: Prime metal surfaces with a solvent based bituminous primer.

APPLICATION

Product normally requires no dilution. Stir well using a flat paddle before use. Good mixing will improve workability.

Intermittent stirring during use is recommended.

- Apply by brush or soft broom. Allow to dry.
- A second coat should be applied at right angles to the first coat.

Applying with a reinforcing membrane:

- A reinforcing membrane such as woven should be used to cover cracks, joints, corners and flashings.
- Apply a thick first coat ($\pm 1,3$ litre/m²) of bituminous waterproofing.
- Press woven firmly into wet using a fluted metal roller or gloved hand. Ensure a minimum of 50mm overlap of adjoining lengths of woven, and 75mm for end laps. Press out any air pockets and creases in the woven. Allow to dry (3 to 4 hours depending on conditions).
- Apply a second thick coat of onto the embedded membrane to ensure complete saturation (applying approx 1,3 litre/m² worked into the surface). Allow to dry.

Topcoating: It is essential that the product be protected from UV exposure once cured. Overcoat with a protective coating, i.e. Bitumen Aluminium.

A drying and curing period of minimum 7 days is recommended before permanent immersion in water or applying the protective overcoating.

Alternatively may be covered with tiles, slate, concrete or similar topping after 24 hours, depending on climatic conditions.

Bituminous waterproofing should not be left exposed to direct sunlight for longer than 1 month to avoid deterioration.

CLEANING

- Collect spills immediately with suitable absorbent material and wash contaminated areas with warm water.
- When wet: Hands, tools and spills can be cleaned with soap and water.
- When dry: Clean with Xylene or turps.

IMPORTANT

Do not apply if rain is imminent.

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