

Home Shield BituSeal DPC



Economic Elastomeric Asphalt Emulsion Liquid Membrane

Description

Home Shield BituSeal DPC is an elastomeric, liquid applied, emulsified asphalt membrane designed for damp-proofing of concrete structures of below & above ground levels.

Characteristics - Physical

Appearance	Viscous brownish emulsion dries to black coating	Drying time, hrs.	24*
Specific Gravity @ 30°C	1.02±0.02	Application Condition	Not to be used < 5°C or RH > 85%**
Solid content (%)	35 ± 5	Theoretical coverage, m ² / liter / coats	4#

* Depends upon the surface temperature, RH & climate condition.

** If it is applied below 5°C or relative humidity >85%, film formation time will be higher.

Depends upon the surface condition.

Application

- Damp-proofing of concrete structures.
- Moisture barrier coating on the concrete surface.

Advantages

- Water based product, cleaner technology, non-toxic.
- Easy to apply by brush and roller.
- Cold applied material.
- Excellent impermeability.
- Good flexibility and does not crack on aging.
- Seamless elastomeric membrane.
- Can be applied in damp surface

Application Methodology

➤ Surface Preparation

- Ensure that surface is free from all loose gravel, dirt and foreign matter with high-pressure wash. Before application surface should be totally dry, free from moisture, oil, grease, mill scale or dust.

➤ Priming

- Prime the surface with the mixture of **Home Shield BituSeal DPC** and water in 80:20 ratios by brush or roller or airless spray. Slightly damp surface will help coating.

- Allow it to dry completely before application of the **Home Shield BituSeal DPC**.

➤ Application of material

- Apply **Home Shield BituSeal DPC** by brush / roller on primed surface @ 0.25 liter / m² as first coat.
- Allow the first coat to dry and apply second coat of **Home Shield BituSeal DPC** @ 0.25 liter / m² in a direction perpendicular to the first. An optional third coat after drying of the previous may be applied.
- Overall coverage shall depend on application and surface finish of substrate.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

Packing

Available in 5 liter and 20 liter pack.

Storage

Store in a cool dry place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.

SCIENTIFIC WATERPROOFING SOLUTIONS

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