

GS 851

Water Based Bituminous Waterproofing Membrane

Description

GS 851 is single component comprising natural rubber, developed polymer of MMA and polyurethane combines. When it reacts with asphalt and then being modified and after emulsification forms an elastic waterproof membrane.

Uses

- Floor Slabs
- Bathrooms & Kitchens
- RC Gutters & Planter boxes
- Basement & Fountains
- Balconies
- Subways
- Retaining walls

Advantages

- Easy to apply
- Good tensile strength and elongation
- Corrosion and mould resistant
- Excellent adhesive strength
- High elasticity
- Can be applied directly on damp or wet surface

Technical & Physical Data

Foam	Liquid
Colour	Black Coffee
Density (CNS 6986, CN 6988)	1.08
Tensile Strength at peak, MPa (N/cm ²) (ASTM D412-06ae2 - Die C)	2.3
Elongation, % (ASTM D412-06ae2 - Die C)	1163.3
Water Absorption, % BS1881-122:1983	0.11
Chemical Resistance (10% HCOOH, 60°C, 24hrs)	No changes on the surface of the sample

Disclaimer:

All representations and recommendations set forth are given in good faith and to the best of our knowledge. However due to varying conditions and applications, the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usages. The sale of this product shall be on terms and conditions set forth on GCS order acknowledgement.

Packaging

20kg in plastic paills.

Application

Surface Preparation.

Concrete Surface

Surfaces should be dry, clean and free from dust, dirt, grease, oil which might affect adhesion. Any cracks or honeycombs must be treated with repair mortar.

Remove the dry loose dirt and dust with a vacuum cleaner or broom.

Coverage

1.0kg/m² per coat. Coverage may vary with the substrate condition during application.

Curing

For optimum performance GS 851 should be allowed to cure for at least 24 hours before other finishing such as cement screeding and tiling.

Followed by a damp mop. GS 851 can be applied with brush, roller or sprayed.

Metal Surface

Metal surface should be free of grease, oil and traces of corrosion and water. Remove grease and oils with suitable solvent. Wash down area with clean water and allow to dry. Wire brush corroded areas and uneven surface to be filled with sealants. GS 851 can be applied with brush, roller or sprayed.

Storage

Store in a dry cool place and shelf life is 12 months.

Cleaning Equipment

GS 851 can be removed with clean water whilst wet by through Scrubbing, once hardened, can only be removed by using spirit or xylene.

Safety Precautions

Caution should be exercised as with all bitumen based products. Protective clothing such as goggles, dust masks and gloves and barrier creams to be used whilst handling this product. In case of contact with the eyes, to wash thoroughly with plenty clean of water.



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