

ROCKBOND BITUMEN EMULSION HD

Rubber Modified Bitumen Waterproofing Membrane

DESCRIPTION

ROCKBOND BITUMEN EMULSION HD (RB 7.28) is a high performance ready to use, cold applied, high build liquid waterproofing membrane based on polymer modified bitumen emulsion. The product forms a seamless, highly elastic and durable film that adheres well to most of the common substrates e.g. concrete, cement blocks, wood, and cement-based roofing materials. **ROCKBOND BITUMEN EMULSION HD (RB 7.28)** is highly resistant to chlorides and sulphates, commonly present in the soil and is ideal for waterproofing the exterior of concrete that will be below ground level. **ROCKBOND BITUMEN EMULSION HD (RB 7.28)** is packaged in 18lt plastic buckets.

SPECIAL PROPERTIES

- Single component, ready to use.
- Creep resistant to temperatures up to 120° C
- Easy to use.
- Non-flammable and Non-toxic
- Applicable immediately after removal of the formwork.
- Resistant to chlorides & sulphates usually present in the soil.
- Environment friendly

USES

- Waterproofing of concrete and block foundations, retaining walls, basements and wet areas such a kitchen, toilet floors and balconies.
- Damp proof membrane in sandwich panel constructions
- Curing membrane and protective coating for sub structure
- Facade damp proofing

SURFACE PREPARATION

All surfaces should be sound, clean and free of contaminants. Absorbent surfaces e.g. concrete should preferably be dampened with water. In kitchens, toilets and other wet areas all the openings should be properly sealed. On all weak points such as cracks or around the pipes use a woven fibreglass mesh as reinforcement between the two coats of **ROCKBOND BITUMEN EMULSION HD (RB 7.28)**.

APPLICATION PROCEDURE

ROCKBOND BITUMEN EMULSION HD (RB 7.28) can be applied by brush, roller or squeegee. Hot, dry or very porous substrate should be dampened with clean water prior to application of **ROCKBOND BITUMEN EMULSION HD (RB 7.28)**. When two or more coats are required, ensure that the preceding coat is fully dry before applying the successive coat, which should be applied at right angle to preceding coat. **ROCKBOND BITUMEN EMULSION HD (RB 7.28)** also acts as a non-degradable curing membrane; hence it may be applied immediately after the removal of formwork, to the concrete structure, which has no aesthetic value such as the sub structure of the building.

APPLICATION RATE

- For damp proofing/vapour barrier: Apply two coats @ 250-300 grams/m²/coat
- Waterproofing membrane: Apply two coats @ (approx.) 1.0 kg/m²/coat
- Curing membrane: Apply two coats @ 0.4 kg/m²/coat.

CLEANING

Tools may be cleaned with water as long as the product is wet. Once dry, by mechanical means only.

HEALTH AND SAFETY

Use normal safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately.

TECHNICAL DATA

APPEARANCE: Thixotropic black emulsion dries to a black flexible protective membrane.

SPECIFIC GRAVITY: 1.04 +/- 0.01

RUBBER CONTENT: 10% Minimum

DRYING TIME: 1 – 3 hours

FULL DRY: 3 –4 days

(The drying time depends on the type of substrate, temperature, humidity and thickness of layer, etc).

PROPERTIES OF DRY FILM

Softening point R & B (ASTM D36 - 84) : >120°C.

Water vapour permeability (ASTM E96 - 92) : >0.15gr/m2/day

Elongation at break (ASTM D412) : >900%

Recovery at 350% elongation (ASTM D412): >50%

Resistance to water (ASTM D2939): No Blistering or re-emulsification

Protection of buildings against Ground water: As per BS 102 Code of practice.

Curing membrane: ASTM C 309:1998

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team:

CONTACT DETAILS

T +64 4 568 5401 | F +64 4 568 4580



Rockbond SCP Ltd provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liabilities can be accepted for any damage or loss arising from the use of Rockbond SCP Ltd literature or its products, because Rockbond SCP Ltd has no continuous control on how the materials are mixed, placed or cured.

Revised January 2018