

OXIGUARD HB*

SBS Modified Rubberized Bitumen Emulsion coating

Description

OXIGUARD HB is a ready to use cold applied bitumen emulsion modified with SBS (Styrene Butadiene Rubber), to provide a tough durable and elastic coating. The cured film is resistant to aggressive ground salts.

Uses

- Concrete and brick foundation, retaining wall, bridge abutments, basements, columns, wet areas etc.
- Adhesive for bonding wooden flooring, insulation board, expanded polystyrene PVC and cork tiles, etc
- Curing membrane cum protective coating for sub structures.

Advantages

- Single component, non flammable and easy to apply tough impermeable film with good resistance to rupture during back filling.
- Resist attack from chloride and sulphate ions, excellent resistance to extreme of temperature, avoiding risk of flow or embrittlement.
- Sufficient elasticity to accommodate small movements and hairline cracks.
- Suitable for application into damp surfaces.

Properties

Color: brown liquid black film on drying

Flash point: non flammable

Solid content: >65% ASTM D 2939

Rubber Content: 10% ASTM D1644

Latex content in dry film: 10 % min by pass

Specific gravity: 1.00-1.05 ASTM D 1475

Drying time: 2-3 hours at 30°C

Elongation: > 500 % ASTM D 412

Over coating time: 4 hours minimum these limits will be extended under low temperature or high humidity

Service temperature: 5°C-85°C

Adhesion to concrete: Excellent

How to use

Surfaces should be sound, Clean and free from contaminants loosely adhering particles such as cement, laitance, rust scale etc.

Application

It can be applied by brush, squeegee or spray. When spraying it is advisable to dilute the product with 10% clean water. Hot dry or very porous substrates should be dampened with clean water prior to application of OXIGUARD HB. A priming coat with it and cool clean water in equal proportions is also recommended for hot, dry & porous concreted substrates. When two or more coats are required, it is important that the preceding coat is fully dry before the successive coat is applied. Coat should be brushed at right angle to each other. When screed or render is applied on to the coating, the final coat should be blind deal with clean sharp sand and allowed to dry. Brush off excessive sand prior to applying the screed or render.

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Rev-01

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Cleaning

Clean tools immediately after use in a strong soap solution. Keep brushes soaking in this solution between applications. Hardened it needs physical scraping followed with treatment in white sprit.

Coverage

Apply one coat at 3-4 m²/ Ltr. /coat.

Packing

20 Ltr. Pail and 200 Ltr. Drums.

Shelf life

Store under shade at temp below 30°C Shelf life nine months in original sealed container

General recommendations

- Stir/agitate contents before use. Do not apply on wet or water logged surfaces.
- Do not apply when rain is imminent.
- Allow coating to dry our completely before applying successive coats.

Health & Safety

It is nonhazardous and non-flammable emulsion. Harmful it taken internally avoid contact with skin and eyes. In case of accidental contact with eyes, wash with copious amount of water and seek medical attention weal gloves and goggles.

Information

Al Majara Polychem industries LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable care it's taken compiling this technical data sheet, all recommendations regarding the use of product are made without guarantee since the conditions are use the beyond the company' direct control. It is the customer responsibility to satisfy themselves that each product is fit for the purpose for which they indent to use it.

Quality Matters

All products originating from Al Majara Polychem Ind. LLC are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9000, ISO 14001 and OHSAS 18001.

Refer to material data sheet and further information