



BITUMEN EMULSION



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EMULSIDERMA

PRODUCT DESCRIPTION

EMULSIDERMA is a brushable, water-based sulphate resistant bitumen coating. It is formed by the anionic emulsification of pliable bitumen and is both stable and easy to apply. It adheres to all types of surfaces and can also be diluted to become a penetrating priming coat for use on porous surfaces.

PRINCIPAL APPLICATIONS

EMULSIDERMA can be used:

- as a general purpose damp proof coating for concrete.
- as a waterproofing and protective coating for basements, foundations and retaining walls.
- as a vapour barrier for both above and below ground applications.
- as a maintenance coating for roofs and walls over concrete or metal surfaces.
- as a bonding and priming coat for a variety of bitumen-based waterproofing systems, whether liquid, felts or membranes.
- as an excellent anti-corrosion paint for metal surfaces.

EMULSIDERMA has been produced to meet the requirements of ASTM D 1187.

APPLICATION (A USER'S GUIDE)

The surface to be treated must be free from dirt, debris and scale and should be thoroughly saturated with water.

Application of **EMULSIDERMA** can be done with a brush, broom or squeegee on horizontal surfaces.

Before application **EMULSIDERMA** must be thoroughly stirred.

AS A PRIMING COAT

EMULSIDERMA can be diluted up to 1:1 in fresh clear water.

Allow 2 to 4 hours for drying before applying the membrane.

AS A LIQUID SYSTEM

The first coat to be applied as a priming coat.

Allow 2 to 4 hours for drying, then apply a second coat on the prepared surface. If the surface is to be topped with concrete, it is recommended that it should be lightly sprinkled with sand as soon as it is laid, which will act as a protective layer. Excess sand should be brushed off prior to laying the screed.

PACKAGING

EMULSIDERMA is packaged in 5 and 20 litre pails and 200 litre drums.

TECHNICAL DATA

DERMABIT PRODUCTS ARE TESTED AT RANDOM INTERVALS BY INDEPENDENT LABORATORIES TO INTERNATIONAL STANDARDS AND THE RESULTS OF THESE TESTS ARE AVAILABLE ON REQUEST. IN ADDITION, EACH BATCH MANUFACTURED IS SUBJECT TO STRICT QUALITY CONTROL PROCEDURES TO ENSURE IT MEETS APPROPRIATE AND APPLICABLE STANDARDS AND/OR NORMS.

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TYPICAL PROPERTIES OF **EMULSIDERMA**

COLOUR : BROWN DRIES TO BLACK

DENSITY : min 0.99
TEST METHOD : ASTM D 244

DRYING TIME
TOUCH DRY : 2 - 4 HRS
FULL DRY : 8 HRS

SERVICE TEMPERATURE : -10°C to +50°C

VISCOSITY : 20 - 100 S @ 25°C
TEST METHOD : ASTM D 88/ASTM D 244

RESISTANT TO UV RAYS:
NO EROSION OR CRACKING.

ADHESION TO DRY SURFACE:
EXCELLENT

RESISTANCE TO MILD ACIDS AND ALKALIS:
EXCELLENT

TOXICITY
NON-TOXIC WHEN CURED

COVERAGE PER COAT
(DILUTE 1:1) : 6-10 m²/L

TOP COAT
SMOOTH CONCRETE : 4-6 m²/L
METAL SURFACE : 6-10 m²/L

HEALTH & SAFETY:

As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, immediately seek prompt medical attention. Do not induce vomiting and give copious amounts of water to drink. Keep away from children and animals. Reseal containers after use. Always wear protective clothing and eye protection.

STORAGE :

Reseal containers after use.

STORAGE LIFE:

Varies with product and climatic conditions but is usually in excess of twelve months. Keep out of direct sunlight.

Clean Brushes / Rollers with white spirit or paraffin after use or discard safely.

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Submitted by :

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