

DWI**DERMABIT®**
WATERPROOFING IND.

EMULSIODERMA

BITUMEN EMULSION

PRODUCT DESCRIPTION

EMULSIODERMA 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

EMULSIODERMA 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.

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

APPLICATION (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 **EMULSIODERMA** can be done with a brush, broom or squeegee on horizontal surfaces.

Thoroughly stir before application.

As a priming coat **EMULSIODERMA** 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

EMULSIODERMA is packaged in 5L and 20L pails and 200L drums.

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 and rollers with white spirit or paraffin.

TECHNICAL DATA

DWI 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.

PROPERTY METHOD	TYPICAL VALUE	TEST
Colour	brown dries to black	-
Density @ 25°C, min, kg/L	0.99	ASTM D 244
Viscosity@ 25°C	20-100	ASTM D 88
Residue by evaporation, %	58-68	ASTM D 2939
Ash content, max, %	3.8	ASTM D 2939
Flexibility, (1h at 25°C)	No cracking	ASTM D 1187
Service temperature	-10°C to +50°C	-
Shelf life	12 months	-
Adhesion to dry surface	Excellent	-
Resistance to UV rays	No erosion or cracking	-
Resistance to dry surface	Excellent	-
Resistance to mild acids and alkalis	Excellent	-
Coverage rate per coat		
Dilute 1:1	6-10m ² /L	-
Top coat		
Smooth concrete	4-6m ² /L	-
Metal surface	6-10m ² /L	-
Toxicity	Non- toxic when cured	-
Drying time	Touch dry, 2-4h Full dry, 8h	-



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