

DWI**DERMABIT®**
WATERPROOFING IND.

DERMADAMP

DAMP-PROOF COATING



PRODUCT DESCRIPTION

DERMADAMP is a nontoxic solvent based, cold applied waterproofing coating complying to **BS 6949-91** formulated with a selected petroleum solvent, a stable and superior quality bitumen and life enhancing additives. The bitumen residue conforms to **ASTM D 449 type II**. On evaporation of the solvent **DERMADAMP** forms an elastic bituminous film which acts as a waterproofing barrier that resists the attack of weather, salts, mild acids and alkalis. **DERMADAMP** is a one coat application product.

PRINCIPAL APPLICATIONS

DERMADAMP is a general purpose waterproofing coating most suitable for the waterproofing of potable water tanks, underground concrete foundations basements, spouts and gutters. **DERMADAMP** is also recommended as a saturant for old bituminous roof surfaces.

APPLICATION (User's Guide)

The surface to be waterproofed should be clean, dry, and free from dust, dirt and debris. New concrete should be cured and at least eight days old. If curing compounds have been used remove or check for compatibility. Apply **DERMADAMP** at the rate of 0.50-0.75L/m². Do not over apply as this will lead to a longer drying time. Brush in well, spread evenly. **DERMADAMP** can be applied with a brush, roller or spray.

PACKING

DERMADAMP 5L cans, 20L pails or 200L drums.

HEALTH & SAFETY

As with all chemical products, care should be taken during use and storage. Avoid contact with skin, eyes, mouth and foodstuffs. If accidentally ingested immediately seek prompt qualified medical attention. **DO NOT INDUCE VOMITING**. Give copious amounts of water to drink.

Keep this product out of the reach of children and pets. Reseal all containers after use. Protective clothing and eye protection **MUST** be worn.

SOLVENT-BASED PRODUCTS

Use in well ventilated areas, avoid inhaling fumes and do not smoke or permit naked flame where stored or used.

STORAGE

Reseal containers after use.

LIQUID PRODUCTS

Stir well before 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.

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	Black	-
Density @ 25°C, kg/L	0.90-0.96	ASTM D 70
Softening Point, °C	63-77	ASTM D 36
Viscosity@ 50, cP	250-350	ASTM D 5018 (Brookfield)
Penetration @ 25°C, 100g 5s	25-50	ASTM D 5
Solubility in trichloroethylene, %	99 (min)	ASTM D 2042
Water content, % vol	<0.05	ASTM D 95
Flash point, COC, °C	> 40	ASTM D 92
Nonvolatile Matter, %	60 (min)	ASTM D 4479
Ductility @ 25°C, cm	10 (min)	ASTM D 113
Service temperature	+5°C to +80°C	-
Shelf life	2 years	-
Toxicity	Non-toxic when cured	-
Resistance to UV rays	Excellent	-
Resistance to salts and acids	Excellent	-
Resistance to Alkali (10% NaOH)	Good	-
Resistance to NaSO4 (5%)	Good	-
Resistance to Wet Heat (70°C & 80% RH)	Good	-
Coverage rate	0.50 TO 0.75L/m ²	-
Drying times	Touch dry, 1-2h Fully cure, 3h	-

(the above times may vary depending on climatic conditions. Test an area prior to application)

Complies with BS6949-91, Performance to BS6949-91.

Surface Dry Time on Steel (6.1) = 3h.

Overcoating Time (6.2) Two coats after 72h drying film showed no sign of crawling, sinking or wrinkling.

Resistance to Sea Water (8.2) The coating shows no cissing after 24h drying time.

Finish (7) The film is smooth, opaque & Bend Resistance.



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