

DWI**DERMABIT®**
WATERPROOFING IND.

DERMACRYL

ACRYLIC ELASTOMERIC EMULSION

PRODUCT DESCRIPTION

DERMACRYL is an acrylic, water-based waterproofing emulsion that cures into a tough, elastic film able to withstand severe expansion and contraction movements. A non-toxic, environmentally friendly coating that combines both waterproofing and reflective abilities.

PRINCIPAL APPLICATIONS

DERMACRYL can be used:

- As a general purpose waterproof, liquid applied, exposed coating on flat and pitched roofs, civil work and Facades.
- As a light reflective weatherproof coating on plastered, exposed Facades and external walls.
- As a reflective, top coat on various types of **DERMABIT** sand surface, **APP** and **SBS** torch-on membranes to protect them from ultra violet deterioration.
- As a reflective top coat in water based liquid system involving straight and rubber emulsions like **DERMALATEX**.
- As a reflective top coat on various other waterproofing systems like polyurethane foam depending on compatibility.
- As a maintenance rejuvenating coating for old build-up, torch-on or other compatible exposed roofing material.
- As a protective, reflective, weatherproof coating for various insulation material like fibre glass and polyurethane profiles around pipes.
- For termination of waterproofing works around pipes. **DERMACRYL** has been produced to meet **ASTM D2833 Groupe II, Class A**.

APPLICATION USER GUIDE

DERMACRYL can be applied by brush or roller.

On Concrete:

- The surface to be treated must be free from dirt, debris and scale.
- Stir well.
- Apply **DERMACRYL** diluted one to one in fresh clean water as a priming coat.
- Once dry, apply **DERMACRYL** as is, on the prepared surface at a rate of 1.5-2.0 m²/L.

On Sanded Torch-on Membrane and Old Bituminous Roofs:

- Remove excess sand and dust and clean the surface. Apply first coat of **DERMACRYL** diluted one to one with clean water, allow to dry 2 hours.
- Apply second coat liberally 1.5-2.0 m²/L. to hide the black colour. Allow to dry, if further coating is required, apply a thin coat of **DERMACRYL** to achieve bright, unshaded surface.

On Liquid and Other Roofing Material:

- Apply one or two coats to achieve desired thickness and hiding power.
- On vertical surfaces, apply **DERMACRYL** in thin coat to avoid sagging.

PACKING

DERMACRYL is packaged in 5 and 20 L pails and 200 L drums as well as 20 kg pails and 200 kg drums.

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	White, Green, Light grey Dark grey, Tan Red	-
Appearance	THIXOTROPIC LIQUID	-
Density @ 25°C, kg/ltr	1.20±0.05	ASTM D 1475
Viscosity@ 25°C, cP	20,000-40,000	Brookfield (spindle 6, 20rpm)
Solid content by weight, %	53-68	ASTM D 6511
Elongation, %	>250%	ASTM D 412
Application temperature	-5°C to 50°C	-
Service temperature	-10°C to 100°C	-
Reflectivity, %	80	-
Shelf life	12 months in sealed containers out of direct sunlight kept at between +4 and +40°C	
Health and safety	There are no known hazards associated with the normal use of this product	
Cleaning	Brushes and rollers can be cleaned in water	
Coverage rate	On roofs 1.5-2.0m ² L/coat On facades/vertical surfaces 2.0-3.0m ² L/coat	
Drying time	24-48 hours depending on thickness. Primer coat coatable in 2 h at 25°C	



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