



## ACRYLIC ELASTOMERIC EMULSION



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# DERMACRYL

### 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 surfaced, 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 Fibreglass and polyurethane profiles around pipes.
- For termination of waterproofing works around pipes, conduits, A/c boxes, etc.

**DERMACRYL** has been produced to meet ASTM D2833 Group II, Class a.

### APPLICATION ( A USER'S 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 m<sup>2</sup>/ltr.

#### 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 m<sup>2</sup>/ltr. to hide the black colour.

Allow to dry, if further coating 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** thinly in each coat to avoid sagging.

**DERMACRYL** is packaged in 5 and 20 ltrs. pails and 200 ltrs. drums as well as 20 Kg pails and 200 kg 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.

# DERMACRYL

DENSITY	: 1.20 kg./ ltr. $\pm$ 0.05
COLOUR	: White, Green, Light Grey, Dark Grey, Tan, Red
APPEARANCE	: THIXOTROPIC LIQUID
VISOCITY	: 20000 - 40000 cps @ 25°C
SOLID CONTENT BY WEIGHT	: 53 - 68%
ELONGATION	: >250%
REFLECTIVITY	: 80%
DRYING TIME	: 24 - 48 HOURS DEPENDING ON THICKNESS. PRIMER COAT COATABLE IN 2 HRS. AT 25°C.
COVERAGE RATE	: On Roofs - 1.5 - 2.0 sq. m. per litre per coat. On facades / Vertical Surfaces - 2.0 - 3.0 sq.m. per litre per coat.
SERVICE TEMPERATURE	: - 10°C to 100°C
APPLICATION TEMPERATURE	: -5 °C to 50°C
HEALTH AND SAFETY	: THERE ARE NO KNOWN HAZARDS ASSOCIATED WITH THE NORMAL USE OF THIS PRODUCT.
STORAGE LIFE	: 12 MONTHS IN SEALED CONTAINERS OUT OF DIRECT SUNLIGHT KEPT AT BETWEEN +4 AND 40 °C.
CLEANING	: BRUSHES AND ROLLERS CAN BE CLEANED IN WATER.

The above data are average figures obtained from the tests of various samples and are subject to the tolerances defined in the specified test methods.

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