

**DWI****DERMABIT®**  
WATERPROOFING IND.

# DERMALAST

## ELASTOMERIC COATING



### PRODUCT DESCRIPTION

**DERMALAST** is a solvent based synthetic rubber, modified bituminous liquid compounded with reinforcing fillers, gelling/wetting agents, antioxidants/antiozonants and special additives for enhanced adhesion. When cured, **DERMALAST** forms a rubber like membrane that is able to withstand severe expansion and contraction movements. **DERMALAST** is very elastic and has the capability of bridging over stress cracks.

**DERMALAST** adapts easily to irregular contours of the surface being treated to form an excellent waterproof and impervious blanket.

### PRINCIPAL APPLICATIONS

**DERMALAST** is particularly designed for use with polyester reinforced built-up-roofs, the waterproofing of bathrooms and kitchens and for maintenance of existing roofs.

**DERMALAST** is ideal for the waterproofing of concrete walls, floors, bridges and other surfaces requiring a highly flexible coating.

**DERMALAST** exceeds the performance requirement of **ASTM D 4479**.

### APPLICATION (User's Guide)

**DERMALAST** is applied to the substrate by means of a brush, squeegee or spray. Before application the surface to be treated must be free from dirt, dust, debris, oil and grease.

Apply **DERMAPRIMER** at the rate of 300g/m<sup>2</sup>. DO NOT OVER APPLY. Brush out well. Allow to cure. Any areas of discolouration should be treated again with primer.

Apply the **DERMALAST** at the rate of 1.25-1.50L/m<sup>2</sup>. Brush out well. For a two coat application use above method with a spread rate of 1.25L/m<sup>2</sup>. Allow curing between coats. DO NOT OVER APPLY.

Avoid standing on treated surface with rubber sole shoes. Use leather soled shoes when possible.

### COVERAGE RATE

Built-up Roofs or Reroofing.

Per coat: 1.25-1.50L/m<sup>2</sup>

Over concrete: 1.25-1.50L/m<sup>2</sup>

Over granule: 1.25-1.50L/m<sup>2</sup>

Over asphalt: 1.25-1.50L/m<sup>2</sup>

Over smooth Bitumen: 1.25-1.50L/m<sup>2</sup>

### PACKING

5L cans - 20L pails - 200L drum.

### 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.

# DERMALAST

## 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
Density @ 25°C, kg/L	1.00-1.02	ASTM D 1475
Viscosity@ 25°C, cP (Brook field)	25,000-40,000(standard) 8,000-16,000 (low viscosity)	ASTM D 5018
Flash point, (COC) °C	≥40	ASTM D 92
Nonvolatile Matter, %	60-70	ASTM D 6511
Elongation of cured film, %	>350%	ASTM D412
Cold Flexibility @ -20°C	No cracking	ASTM D 4479
Heat Resistance, 60°C	No sagging	ASTM D 6511
Adhesion to dry surface	Excellent	
Resistance to UV rays	No erosion or cracking	ASTM G-53
Resistance to salts	Excellent	
Resistance to mild acid/ alkalis	Excellent	
Service temperature	-10°C to +85°C	-
Shelf life	1-year	-
Toxicity	Non-toxic when cured	-
Drying times	Touch dry, 2-3h cure, 6-12h	-

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

UN No. 1992  
FLAMMABLE LIQUID, TOXIC  
N.O.S.  
Primary Risk 3  
Secondary Risk 6.1

## 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 usually not exceeding twelve months. Keep out of direct sunlight. Clean brushes/rollers with white spirit or paraffin after use, or discard safely.



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