

PRODUCT DATA SHEET

LIQUID RUBBER DACLAR™

Liquid Rubber Daclar™ is a modified elastomeric asphalt emulsion specifically formulated as a spray applied roof coating. Liquid Rubber Daclar™ is part of a dual component system that is applied using a specifically designed spray applicator. The technology advances in Liquid Rubber Daclar™ give a quick setting coating membrane that is solvent-free and has excellent strength, elasticity and adhesion.

Liquid Rubber Daclar™ is an environmentally friendly roofing product which can be applied indoors and outdoors with no specialized protective equipment.

* Free of flammable solvents * Non-toxic * Odourless and Water based

PHYSICAL PROPERTIES

Property	Typical results
Specific gravity (liquid) g/cm ³	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to black
% solids (wt)	53-58
Viscosity, SSF @ 25°C, seconds	15-20
pH	10-12

PERFORMANCE (cured membrane)

Property	Typical results
Colour	Black
Specific gravity, g/cm ³	Approximately 1.0
Chemical resistance	Resists most inorganic solutions. Not recommended for petroleum products. See Chemical Resistance chart for further data.
Biological resistance ASTM E 154, ASTM D412	Passed (> 90% original value)
Impact resistance CSB 37-GP-56 @ 23°C, in-lbs	Passed (168)
Water tightness after impact	Passed (no leakage)
Tensile strength ASTM D412, psi	90
Elongation, %	850
Adhesion to Concrete Strength, ASTM C 907 (amended to tensile adhesion), psi	>110
Puncture resistance CGSB 37-GP-56, 24 hr @ 29N, -5°C	Passed (No perforations)
Accelerated weathering, ASTM G 155, D 412	Passed (No deterioration of film)
Tensile strength	Passed (> 90% original value)
Hardness, Durometer Type 00	85-87
Underwriters Laboratories	Class A Fire Rating

USES

Liquid Rubber Daclar™ is used as a waterproofing membrane for roof protection. Liquid Rubber Daclar™ can be applied over a wide range of substrates including existing BUR, polyethylene, membranes and shingles.

APPLICATION

Liquid Rubber Daclar™ is applied as a dual component system using a specially designed spray system. Both components of this system are water based and environmentally friendly. Applied at ambient temperature (above 5°C) Liquid Rubber Daclar™ sets almost instantly, forming a seamless flexible membrane.

Liquid Rubber Daclar™ is a safe alternative to conventional hot-applied or solvent based roofing systems. Liquid Rubber Daclar™ should be applied to a dry surface which is free of dirt, debris, oil or grease. The product sets up rapidly, however it is not recommended to apply any roofing product if heavy rains are imminent.

For best results apply in thin coats. With joints or cracks in the surface it is recommended that fabric reinforcing be used. In some cases initial 'flood coating' with one component may be recommended. See application manual or consult with your Liquid Rubber Engineered Coatings representative for further details.

Liquid Rubber Daclar™ is to be applied between 0.3-0.6 m²/litre (15-30 ft²/gal) to produce a 40 mil protective membrane to 0.175 m²/litre (7.5 ft²/gal) to produce a 160 mil membrane. Liquid Rubber Daclar™ will be dry to the touch in one minute @20°C and is largely cured within 48 hrs. Final cured properties may, however, not be realized for 28 days.

Typically an applicator crew can spray greater than 6,000 ft² (550 m²) per day. Protection board or insulation may be applied to the membrane surface after an initial set time of 20 minutes.

LIMITATIONS

Liquid Rubber Daclar™ is mildly alkaline. When applying this product observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment.

For further information please consult the product MSDS.

Liquid Rubber Daclar™ should not be applied when the ambient temperature is below 5°C. The uncured membrane may be damaged if frozen. Do not apply to wet or frozen surfaces or directly before a rain.

Some surface base coat materials such as coal tar are unsuitable for use with Liquid Rubber Daclar™.

Consult the Liquid Rubber Engineered Coatings Technical Centre with any questions.

CAUTION

For industrial use only. Keep out of the reach of children. Avoid storage below 5°C.

Please consult the Material Safety Data Sheet before using Liquid Rubber Daclar™

TECHNICAL SERVICE

Call toll free: 1-866-979-0300

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS REGULATIONS.

Liquid Rubber Daclar™ is manufactured exclusively by Liquid Rubber Engineered Coatings, A division of Liquid Rubber Industries Inc., 89 Scollard St., Toronto, ON, M5R 1G4 Canada

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