

## PRODUCT DATA SHEET

# LIQUID RUBBER DRYLAR™

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

Liquid Rubber Drylar™ is an environmentally friendly waterproofing product which can be applied indoors and outdoors with no special protective equipment.

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

### PHYSICAL PROPERTIES

Property	Typical results
Specific gravity (liquid) kg/m <sup>3</sup>	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to black
% solids (wt)	57-62
Viscosity, SSF @ 25°C, seconds	15-20
pH	10-12

### PERFORMANCE (cured membrane)

Property	Typical results
Colour	Black
Specific gravity, kg/m <sup>3</sup>	Approximately 1.0
Chemical resistance	Resistant to most inorganic solutions. Not recommended for gasoline or other petroleum products. Consult Chemical Resistance chart for further information.
Biological resistance ASTM E 154, ASTM D412	Passed
Impact resistance CSB 37-GP-56 @ 23°C, J	19.3
Impact resistance CSB 37-GP-56 @ -10°C, J	27.1
Water tightness after impact	Passed (no leakage)
Tensile strength ASTM D412	22 psi
Adhesion to Concrete Strength, ASTM C 907 (amended to tensile adhesion)	50 psi
Low temperature mandrel @ -25°C	Passed
Crack bridging, ASTM C 836, unaged -20°C	Passed (70 cycles)
Crack bridging, ASTM C 836, aged -20°C	Passed (10 cycles)
Puncture resistance CGSB 37-GP-56, 24 hr @ 29N, -5°C	Passed (No perforations)

### PERFORMANCE (cured membrane), cont.

Water Vapor transmission ASTM E 96, ng/Pa.s.m <sup>2</sup>	6.57
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Water absorption, CGSB 37-GP-56M, % inc.	1.8
Accelerated weathering, ASTM G 155, D 412 Tensile strength	Passed
Hardness, Durometer Type 00	78-80
Canadian Construction Materials Centre	Approved (13175-R)

## USES

Liquid Rubber Drylar™ is used as a waterproofing membrane for concrete foundation structures, basements, retaining walls, pond lining, parking decks, planters, and other exterior surfaces. Liquid Rubber Drylar™ is used wherever waterproofing or dampproofing is required to protect a structure.

## APPLICATION

Liquid Rubber Drylar™ is applied as a dual component system using a specially designed spray system. Both components of the system are water based and environmentally friendly. Applied at ambient temperature (above 15°C) Liquid Rubber Drylar™ sets almost instantly, forming a seamless flexible membrane.

Liquid Rubber Drylar™ is a safe alternative to conventional hot-applied or solvent based waterproofing systems.

For best results Liquid Rubber Drylar™ 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 waterproofing product if heavy rains are imminent.

Liquid Rubber Drylar™ is applied between 0.7 m<sup>2</sup>/litre (30 ft<sup>2</sup>/gal) to produce a 40 mil protective membrane to 0.175 m<sup>2</sup>/litre (7.5 ft<sup>2</sup>/gal) to produce a 160 mil membrane. Typically Liquid Rubber Drylar™ dries to the touch in one (1) minute @20°C and is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity.

Typically an applicator crew can spray 6,000 ft<sup>2</sup> (560 m<sup>2</sup>) per day. Protection board or insulation may be applied to the membrane surface after an initial set time of 20 minutes.

## LIMITATIONS

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

For further information please consult the product MSDS.

Liquid Rubber Drylar™ 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.

## 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 Drylar™.

## TECHNICAL SERVICE

Call toll free: 1-866-979-0300

### ***THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS REGULATIONS.***

*Liquid Rubber Drylar™* 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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