

PRODUCT DATA SHEET

LIQUID RUBBER VEZLAR™

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

Liquid Rubber Vezlar™ is an environmentally friendly protective coating 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	Chemical Resistance chart.
Biological resistance ASTM E 154, ASTM D412	Passed (> 90% original value)
Impact resistance CSB 37-GP-56 @ 23°C, in-lbs. Water tightness after impact	Passed (168) Passed (no leakage)
Tensile strength ASTM D412, psi	>80
Elongation, %	>750
Salt Fog Corrosion, ASTM B117-97 (scribed), 1000 hrs.	Passed
Surface corrosion, ASTM D610, 1000 hrs	None detectable
Blistering, ASTM D714, 1000 hrs	None
Corrosion creepback, ASTM D 1654, 1000 hrs	None
Adhesion to Concrete Strength, ASTM C 907,psi	>100
Puncture resistance CGSB 37-GP-56, 24 hr @ 29N, -5°C	Passed (No perforations)
Accelerated weathering, ASTM G 155, D 412 Tensile strength	Passed (No deterioration of film) Passed (> 90% original value)
Hardness, Durometer Type 00	85-87

USES

Liquid Rubber Vezlar™ is used as a protective coating to prevent water and corrosion damage. Liquid Rubber Vezlar™ can be used for rust protection of ferrous materials and is also of value for noise and vibration dampening. Liquid Rubber Vezlar™ is also appropriate for use on concrete structures, slabs and parking decks.

APPLICATION

Liquid Rubber Vezlar™ 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 Vezlar™ sets almost instantly, forming a seamless flexible membrane.

Liquid Rubber Vezlar™ is a safe alternative to conventional hot-applied or solvent based protective coatings. Liquid Rubber Vezlar™ 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 protective coating 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 Vezlar™ 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. Typically Liquid Rubber Vezlar™ will dry to the touch in one minute and is largely cured within 48 hrs. The final cured properties may, however, not be realized for 28 days. Typically a crew can spray 6,000 ft² (560 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 Vezlar™ 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 Vezlar™ 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 Vezlar™.

Consult your Liquid Rubber Engineered Coatings Technical Representative 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 Vezlar™

TECHNICAL SERVICE

Call toll free: 1-866-979-0300

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS REGULATIONS.

Liquid Rubber Vezlar™ 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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