

## PRODUCT DATA SHEET

# LIQUID RUBBER VOXLAR™

Liquid Rubber Voxlar™ is a modified elastomeric asphalt emulsion specifically formulated as a trowel grade product where a watertight seal is required. It is suitable for use with building fixtures, pipes, walls and roofs. Liquid Rubber Voxlar™ is a single component product that may be cold applied or applied by brush or squeegee. The technology employed in Liquid Rubber Voxlar™ provides a solvent-free, quick setting coating that yields a membrane with excellent strength, elasticity and adhesion.

Being an environmentally friendly product Liquid Rubber Voxlar™ 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)	63-68
Viscosity, Brookfield, sp.#5, 20 rpm	20,000-30,000
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.
Tensile strength ASTM D412, psi	50
Elongation, %	100
Accelerated weathering, ASTM G 155, D 412 Tensile strength	Passed (No deterioration of film) Passed (> 90% original value)
Hardness, Durometer Type 00	85-90

### USES

Liquid Rubber Voxlar™ is used in conjunction with protective coatings to seal fixture, cracks, roof penetrations, pipe pass-through etc. to prevent water, air leaks and corrosion damage. The high viscosity of Liquid Rubber Voxlar™ allows it to be used to fill crevices or to coat vertical surfaces.

## **APPLICATION**

Liquid Rubber Voxlar™ is water based environmentally friendly alternative to conventional hot-applied or solvent based waterproofing systems. When cured it will form a seamless flexible membrane.

Liquid Rubber Voxlar™ is applied using a trowel or squeegee. Since Liquid Rubber Voxlar™ cures by evaporation, an application temperature of 15-20°C is recommended. If time allows, apply in thin coats. The product fully cures within 24 hours at 20°C (70°F) and 50% relative humidity, when applied at a thickness of 40 mils (1 mm). Consult with your Liquid Rubber Engineered Coatings representative for further details

Liquid Rubber Voxlar™ should be applied to a dry surface which is free of dirt, debris, oil or grease. Application is not recommended if heavy rains are imminent, or in high humidity environments.

Liquid Rubber Voxlar™ is applied between 0.3-06 m<sup>2</sup>/litre (15-30 ft<sup>2</sup>/gal) to produce a 40-120 mil (1-3 mm) protective membrane. Typically Liquid Rubber Voxlar™ dries to the touch in one minute @20°C. This curing time may vary depending on temperature and relative humidity.

## **LIMITATIONS**

Liquid Rubber Voxlar™ 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 Voxlar™ should not be applied when the ambient temperature is below 15°C. The uncured membrane may be damaged if frozen. Do not apply to wet surfaces or directly before a rain. Some surface base coat materials such as coal tar are unsuitable for use with Liquid Rubber Voxlar™.

## **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 Voxlar™

## **TECHNICAL SERVICE**

Call toll free: 1-888 901-7623

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

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

Effective: 06-Jan-06

Replaces: 21-Nov-04

---

The information contained herein is based on available data and is provided for information only. Liquid Rubber Industries Inc., makes no warranties, guarantees or conditions, expressed or implied, regarding the accuracy of the data or its use therein. Liquid Rubber Industries Inc., will not be liable for any damages arising from the use of the information product described on this data sheet. Product data subject to change without notice. Unless otherwise stated, Liquid Rubber Industries Inc. sole warrantee shall be the replacement or refund of purchase price for any product found not to meet the above specifications.