

Liquid Rubber®

ZavLar®

HIGH BUILD WATERPROOFING ADHESIVE COATING

Liquid Rubber Zavlar® is a multi-purpose, medium viscosity liquid specifically designed as an environmentally safe sealant for waterproofing and corrosion protection to both horizontal and vertical surfaces. As a flexible and seamless coating, Zavlar® produces a fully adhered chemical and waterproof coating that resists cracking and aging. Liquid Rubber Zavlar® is applied using a brush, roller or air spray system.

Liquid Rubber Zavlar® is a elastomer modified bitumen emulsion having a medium range viscosity suitable to seal around roof and wall penetrations and sealing small cracks in concrete. Liquid Rubber Zavlar® is applied as a liquid and when cured forms a flexible elastic membrane able to withstand stresses and vibrations without cracking or peeling from the surface. Applications include foundation and roof repairs, waterproofing planter boxes, shower stalls, and small ponds.

Liquid Rubber Zavlar® is a water based environmentally safe alternative to conventional hot applied or solvent based waterproofing systems. Liquid Rubber Zavlar® is unaffected by a range of acids, alkalis and waterborne salts, ultra violet rays and is resistant to biological deterioration.

- FREE OF FLAMMABLE SOLVENTS
- NON-TOXIC
- NO VOC'S
- LOW ODOUR & WATER BASED

PHYSICAL PROPERTIES (Liquid)	
PROPERTY	TYPICAL RESULTS
Colour	Brown to black
Specific gravity (liquid) g/cm ³	Approx. 1.0
Odour	None
Volatile Organic Compound	Contains no solvents
Solids Content	58 - 60%
Viscosity, Brookfield	8000 -9000
pH	10 - 12

PERFORMANCE DATA (Cured membrane)	
PROPERTY	TYPICAL RESULTS
Colour	Black
Specific gravity, g/cm ³	Approx. 1.0
Chemical resistance ASTM G 20	Resists salt water and most inorganic solutions
Accelerated Weathering (Xenon arc) ASTM G 155, 250 hrs	No deterioration of the film, >90% retention of original tensile strength
Tensile Strength ASTM D 412, Kpa (psi)	>830 (>120)
Elongation, %	>950%
Recovery ASTM D 412, %	>90%
Adhesion to concrete DeFelsco, kPa (psi)	>900 (>130), cohesive failure
Low temperature mandrel -10°C	Passed
Hardness, Durometer 00	83 - 85
Hardness, Shore A	18 - 20
Hardness, Shore D	3 - 4

COVERAGE				
Cured Membrane		Coverage		
Mils	mm	ft ² /gal	ft ² /litre	m ² /litre
40	1.00	30	7.93	0.74
80	2.00	15	3.96	0.37
120	3.00	10	2.64	0.24

APPLICATION

Liquid Rubber Zavlar® is a single component product that may be applied using a brush, roller or squeegee, or an airless spray system.

Liquid Rubber Zavlar® should be applied to a dry surface, free of dirt, debris, oil or grease and should not be applied when the ambient temperature is below 5°C, or if rain is expected within 24 hours of application. The desired thickness is achieved by applying multiple thin coats. With joints or cracks, a fabric reinforcing layer is recommended.

Liquid Rubber Zavlar® is to be applied between 0.4-0.7 m²/litre depending on the required membrane thickness. Typically Zavlar® is cured within 48 hrs. The curing time may vary depending on temperature and relative humidity.

LIMITATIONS

Liquid Rubber Zavlar® should not be applied when the ambient temperature is below 5°C. The uncured membrane may be damaged if frozen should not be applied to wet or frozen surfaces or directly prior to rain. Some surface base coat materials such as coal tar are unsuitable for use with Liquid Rubber Zavlar®. Please consult technical service with any questions.

CAUTION

Keep out of reach of children. Avoid storage below 5°C. Please consult the Material Safety Data Sheet before using Liquid Rubber Zavlar®.

Liquid Rubber Zavlar® 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.

TECHNICAL SERVICE

905.528.5800 | 905.825.2600 | 866.979.0300