

Liquid Rubber®

AcriTech®

ACRYLIC EMULSION BASED WATERPROOFING AND SURFACE PROTECTION

Liquid Rubber AcriTech® is a flexible acrylic emulsion based coating available in a range of colours which is used alone or as a top coat for Liquid Rubber's bitumen waterproofing and protective coatings. Applied as a single component liquid, Liquid Rubber AcriTech® cures to form a water resistant fully adhered seamless membrane, providing excellent waterproofing and surface protection.

Liquid Rubber AcriTech® can be applied to a wide range of surface materials and can be used both outside and in as Liquid Rubber AcriTech® is resistant to damage from sunlight. For industrial applications Liquid Rubber AcriTech® is recommended where the surface requires protection from intermittent hydrocarbon or chemical spills or for long term water emersion. Liquid Rubber AcriTech® is formulated for application by brush, roller or conventional paint spray equipment. Applications include roof waterproofing, internal and external storage and process tank walls, piping and metal and wood structural features and protective decorative surface finishes for pools, decks, balconies, and walkways.

Liquid Rubber AcriTech® is a water based, environmentally safe alternative to conventional hot applied or solvent based decorative coatings. Liquid Rubber AcriTech® provides excellent waterproofing and chemical resistance in a highly flexible seamless membrane that resists cracking and aging. Liquid Rubber AcriTech® resists damage from acids, alkali and water-borne salts. Liquid Rubber AcriTech® is resistant to biological degradation.

• FREE OF FLAMMABLE SOLVENTS

• NON-TOXIC

• NO VOC'S

• LOW ODOUR & WATER BASED

PHYSICAL PROPERTIES (Liquid)	
PROPERTY	TYPICAL RESULTS
Colour	See colour chart
Specific gravity (liquid) g/cm ³	Approx. 1.1
Odour	None
Volatile Organic Compound	Contains no solvents
Solids Content	50 - 55%
Viscosity, Brookfield	5000 - 8000
pH	8 - 11

PERFORMANCE DATA (Cured membrane)	
PROPERTY	TYPICAL RESULTS
Colour	See colour chart
Specific gravity, g/cm ³	Approx. 1.1
Chemical resistance	Resists salt water and many organic and inorganic solutions
Tensile Strength ASTM D 412, MPa (psi)	6.9 (1000)
Elongation, %	200%
Adhesion to concrete ASTM C 907, MPa	3.00
Adhesion to concrete ASTM C 907, psi	450
Sag flow	None
Low temperature mandrel CGSB 37.58-M86, para. 7.2.6, -15°C	Pass
Hardness, Durometer Type 00	80 - 85
Hardness, Durometer Type A	65 - 67
Hardness, Durometer Type D	18 - 20
Abrasion resistance	Good - very good

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 AcriTech® may be applied either alone or as a surface coating over Liquid Rubber Daclar®, Liquid Rubber Drylar®, Liquid Rubber Vezlar® or Liquid Rubber Zavlar® that may vary in thickness from 1.0 – 2.0mm. An acrylic sealer may be applied over Liquid Rubber AcriTech®. Liquid Rubber AcriTech® is applied by roller, brush or airless spray.

Liquid Rubber AcriTech® should be applied to a dry surface, free of dirt, debris, oil or grease and not when the ambient temperature is below 5°C or if rain is expected within 24 hours of application. Thickness can be controlled by applying in multiple thin coats.

Liquid Rubber AcriTech® is to be applied between 0.4-0.8 m²/litre depending on the required membrane thickness and color selection (lighter colors may require heavier application). Typically, Liquid Rubber AcriTech® typically cures within 48 hrs. The curing time may vary depending on temperature and relative humidity.

LIMITATIONS

Liquid Rubber AcriTech® should not be applied when the ambient temperature is below 5°C. The uncured membrane may be damaged if frozen and should not be applied to wet or frozen surfaces or directly prior to rain. 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 AcriTech®.

Liquid Rubber AcriTech® 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