

LIQUID RUBBER *INSTANT SET*

COLD APPLIED LIQUID WATERPROOFING SYSTEM

Liquid Rubber Professional Instant Set is a unique modified elastomeric asphalt emulsion developed to simplify the waterproofing process and overcome the problems of materials containing toxic solvents and VOC's. It has been specifically formulated as a spray applied fully protective waterproofing membrane. The cold applied, dual component system is applied using a specialist airless spray system. Liquid Rubber Professional provides an instant setting membrane that offers excellent waterproofing, strength, elasticity and adhesion.

Physical Properties - Liquid

Composition	Water suspension of petroleum derived hydrocarbons (polymer modified emulsified asphalt) and inert fillers.
Expiry	12 months if stored sealed
Flammability	Not flammable
Environmental risk	None
Organic properties	Odourless, brown liquid
Storage	Store frost free and sealed (above 5°C+)
Toxicity	None
Coverage rate	3ltrs m ²
Dilution	None - ready to use
Maturing	Instantly showerproof
Specific gravity	Approx. 1.0
Odour	None
Volatile Organic Compound	Contains no solvents
Colour	Brown
% solids (wt)	57 - 62
Viscosity, SSF @ 25°C (seconds)	15 - 20
pH	10 - 12

Application

Please consult Liquid Rubber specifications for application guidelines. Specifications can be obtained by visiting lrs-systems.co.uk or contacting the LRS Technical Team on 01948 841 877.

Limitations

Liquid Rubber Premium should not be applied when the ambient temperature is below 5°C. Do not apply to surfaces which are frozen, have standing water present or directly prior to rain.

Caution

For industrial use only. Keep out of reach of children. Avoid storage below 5°C.

Liquid Rubber 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.

Get in touch

Technical Support: **01948 841 877**

Email: info@lrs-systems.co.uk

Web: www.liquidrubber.co.uk

Performance - Cured Membrane

Properties	Result
Chemical resistance	Resistant to atmospheric, chemical aerosols, or acid rain. Limited resistance to gasoline, diesel fuel and other petroleum products (see chemical resistance chart)
Chemical resistance ASTM G20	10% hydrochloric acid 10% sodium hydroxide
Saturated lime water	Passed (no loss of integrity)
Biological resistance ASTM E154, ASTM D412	Passed
Impact resistance CSB37-GP-56 @ 23°C (j)	>19
Impact resistance CSB37-GP-56 @ -10°C (j)	>27
Water tightness after impact	Passed (no leakage)
Specific gravity	Approx. 1.0
Tensile strength ASTM D412 (p.s.i)	>22
Adhesion to concrete strength ASTM C907: (amended to tensile adhesion (p.s.i))	>50
Low temperature mandrel @ -25°C	Passed
Crack bridging ASTM C836, un-aged -20°C	Passed (70 cycles)
Crack bridging ASTM C836, aged E20°C	Passed (10 cycles)
Puncture resistance CGSB 37-GP-56: (24 hours @ 29N @ -5°C)	Passed (no perforations)
Water vapour transmission ASTM E96, ng/Pa.sm ²	>6.6
Water absorption CGSB37 - GP-56M, %inc	>2
Accelerated weathering ASTM G155: D412 tensile strength:	Passed
Hardness (durometer type 00)	78-80
Canadian Construction Materials Centre	Approved (13175)
Colour	Black

Information

LRS Systems Technical Team is available 9-5 Monday to Friday on 01948 841 877 or info@lrs-systems.co.uk.

Note: The information contained in this sheet is accurate to the best of our current knowledge. The products are of the highest quality and standard with regard to production tolerances. Liquid Rubber shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of our systems please consult our technical team.