

## LIQUID RUBBER™ ROOFSEAL TECHNICAL DATA SHEET

<b>Description:</b>	LIQUID RUBBER ROOFSEAL is a durable, flexible water and UV resistant coating, applied by brush, roller, or spray system to seal and protect roofing and construction materials against water, weather, and corrosive elements.	
<b>General:</b>	Liquid Rubber ROOFSEAL is a modified flexible acrylic emulsion with a slight sheen for waterproofing of sloped roofs, parapets, and wall surfaces	
<b>Uses:</b>	Liquid Rubber ROOFSEAL is used to restore, decorate and protect roofing materials and trimmings. Spray, brush, or roller apply ROOFSEAL to metal; zinc; tiles; fiber cement; gutters; parapet walls; and more. ROOFSEAL is suitable to use on sloped and vertical surfaces and not suitable to use in ponds or concrete roof slabs.	
<b>Technical Data:</b>	<b>POLYMER TYPE</b>	Acrylic Polymer & modified latex blend
	<b>FINISH</b>	Homogeneous: smooth
	<b>PRIMER</b>	As per manufacturer
	<b>APPEARANCE</b>	12 Standard Roof colours.
	<b>PH</b>	8.9
	<b>VISCOSITY</b>	112ku
	<b>TOXICITY</b>	Material is non-toxic & requires no special ventilation
	<b>STABILITY</b>	On opening, no settling or other undesirable effects. Materials dispersed after stirring.
	<b>ABRASION</b>	Medium to High. Not suitable for high traffic areas
	<b>ELONGATION</b>	70% with a 100% full memory
	<b>V.O.C</b>	<20grams
	<b>TEMPERATURE</b>	Above 10°C
	<b>MASS SOLIDS</b>	49-51%
	<b>QUV 1000hrs</b>	No chalking or cracking, sample still in progress for 1000 hours plus.
	<b>FISHEYE TEST</b>	Non - Passed
<b>FILM HARDNESS</b>	Flexible will not harden over time	
<b>Equipment:</b>	Liquid Rubber ROOFSEAL may be applied by brush, roller, or airless spray system.	
<b>Weather:</b>	Always schedule projects during good weather with no likely rain within 48hours. Do not apply when ambient temperatures are <15°C or >40°C.	
<b>Preparation:</b>	Correct surface preparation is essential for good product performance. Ensure the surface is structurally sound, with moisture content below 15%, free of rust, dust, flaking paint, dirt and failing waterproofing system. Ready-to-use, don't dilute, stir well with a flat paddle.	
<b>Seal work:</b>	Using geo-fabric to re-enforce ROOFSEAL to bridge gaps and transitions. Apply one coat of ROOFSEAL to the area, exceeding the width of the Fabric or fiber mesh. Firmly press the fabric into the wet product, repeat the process in 1-meter lengths at a time. Allow the application to dry before proceeding with 2nd and 3rd coat. Drying time is approximately 2 hours@25°C. Allow to dry completely before proceeding with the next application process.	
<b>Application:</b>	After correct surface preparation, prime the surface according to industry practices, using water-borne Steel Primer on metal and Bonding liquid on porous surfaces.	
<b>Coverage:</b>	As waterproofing paint 3-4m <sup>2</sup> /L per coat. Apply 2-3 coats ROOFSEAL to the substrate using a brush, roller, or airless spray system with tip size 517 to 521. When used in conjunction with polyester membrane, allow 1 to 1,25L/m <sup>2</sup> .	
<b>Dry &amp; Cure:</b>	Allow drying time between coats, drying time is estimated 2 -3 hours at standard weather condition of 25°C and 50 % humidity. The ROOFSEAL coating is cured within 48hrs.	

<b>Service Life &amp; Maintenance:</b>	ROOFSEAL when applied according to manufacturer's instructions has an expected service life of 7-10years subject to, maintenance coat in yr.5 to replace granular loss and support maximum service life of the Liquid Rubber ROOFSEAL coating. Keep gutters and outlets unblocked and inspect roof after storms, repair and rescue damaged materials and coatings.
<b>Preventing problems:</b>	IMPORTANT: Walls (cement plaster, concrete, or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter moisture meter or equal. The ambient temperature must be between 15°C and 40°C and humidity between 10% and 85%. Excessive application thickness and/or rapid drying could lead to mud cracking. Avoid applying under adverse weather conditions as this could result in poor product performance. Work from corner to corner, or from a natural cut off point to another. Do not attempt touch ups but redo complete panels. Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. To ensure consistent appearance check that the batch numbers on all containers used are the same. Where batch numbers differ, intermix before use.
<b>Cleaning, Storage &amp; Disposal:</b>	Immediately after use, remove as much paint as possible from application equipment and wash with water. Close the containers tightly after use and store in a cool well-ventilated area. Do not empty contents or wash water into drains or water courses. When disposing of product please follow local authorities' regulations. Recycle the container after use.
<b>Health &amp; Safety:</b>	ROOFSEAL is mildly alkaline, follow and practice normal safety precautions, wear gloves, eye protection and other suitable PPE.
<b>First Aid:</b>	<i>Inhalation:</i> Move to fresh air. <i>Skin contact:</i> Wash with water. <i>Eye contact:</i> Rinse well with water. <i>Ingestion:</i> Rinse mouth with water, do not induce vomiting. Seek medical attention.
<b>Use of the Product:</b>	Information relating to the product is the best information available and based on tests believed to be reliable. Where the supplier has no direct control over where or how the product is applied, there is no warranty expressed or implied in association with the product or its use. The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.
<b>Company Information:</b>	Liquid Rubber Industries SA (Pty) Ltd. Co Reg:2013/10675107 528 Pretoria Road; Penny Farthing Centre. Silverton Pretoria; 0081. Tel:0861-115-540; Cel: 082-444-1400 <a href="mailto:info@liquidrubbersa.co.za">info@liquidrubbersa.co.za</a> <a href="http://www.liquidrubbersa.co.za">www.liquidrubbersa.co.za</a>