

# Sika<sup>®</sup> RainTite (au)

## Liquid acrylic waterproofing membrane

Construction

<b>Description</b>	Sika RainTite (au) is a water based elastomeric waterproof liquid membrane for waterproofing external and internal areas on a variety of surfaces.
<b>Uses</b>	<p>Sika RainTite (au) is suitable for applications to most common building substrates including concrete, fibre cement, plasterboard, and timber. Priming may be required for some substrates. It is suitable for use as a waterproof membrane for wet areas as described in <b>AS 3740 - 2004 "Waterproofing of wet areas within residential buildings"</b></p> <p>Sika RainTite (au) can be used as a waterproofing membrane and decorative coating on most building surfaces including:</p> <ul style="list-style-type: none"> <li>• Roofs, decks and balconies</li> <li>• Vertical and parapet walls (concrete or blockwork)</li> <li>• External and internal floors</li> <li>• Building facades</li> <li>• Box gutters</li> <li>• Wet areas (bathrooms, laundries)</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Non toxic, water based acrylic, free of solvents.</li> <li>• Accommodates movement and minor cracking of substrates.</li> <li>• UV stable.</li> <li>• One component liquid readily applied.</li> <li>• Can be applied to a wide range of substrates.</li> <li>• Available in a range of colours.</li> <li>• Approved in accordance with <b>AS 4858:2004 "Wet Area Membranes"</b>.</li> <li>• Approved in accordance with AS 4020 - 2002 "Approval for Use in Potable Water".</li> </ul>
<b>Storage and Shelf Life</b>	Stored in the original sealed packaging, in dry conditions away from direct sunlight, this product will keep for at least twelve (12) months.
<b>Instructions for Use</b>	
<b>Surface Preparation</b>	<p>Remove dirt, dust, oil, grease and all other contaminants from the surface. Any surface irregularities should be filled using Sika MonoTop repair mortars or Sikadur-41 epoxy repair mortar.</p> <p>A polyurethane joint sealant like Sikaflex-Construction should be used to form a 10mm fillet at corners, or to fill chased out movement cracks and construction joints.</p>
<b>Priming</b>	A priming coat must be used on all substrates as part of the surface preparation. The prime coat can be formed by diluting 1 part Sika RainTite (au) to 4 parts water. For extremely porous substrates, use the acrylic based Sika Tite Primer. For all other substrates and further information on priming consult Sika Australia Technical Services.
<b>Application</b>	Sika RainTite (au) can be applied by brush, roller or airless spray. When brushing or rolling, lay the material out onto the surface. Apply 2 to 3 coats of Sika RainTite (au), plus the primer coat.
<b>Reinforcement</b>	Sika Fabric can provide reinforcement when embedded between coats of Sika RainTite (au) membrane. When used as part of the system, the fabric offers strong support against substrate or crack movement protecting the membrane from rupture. It is ideal for use over wall to floor and wall to wall inclusions, crack repairs or joints prone to flexure or vibration. It can also enhance the abrasion resistance of foot traffic. When using the Sika Fabric reinforcement, embed the cloth into the first coat of Sika RainTite (au) whilst it is still wet. Apply the second coat of Sika RainTite (au) directly over the top of the first coat.

<b>Cleaning</b>	All tools and equipment can be cleaned with water immediately after use. Hardened material can only be removed mechanically.
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### Technical Data (Typical)

<b>Colour</b>	Grey, white, other colours available on request
<b>Solids content</b>	51%
<b>Drying times (20°C, 50% RH)</b>	Tack free: 1.5 hours Recoat: 3 – 4 hours Fully cured: 7 days
<b>Application temperatures</b>	Ambient: 5°C to 40°C Substrate: 5°C to 40°C
<b>Specific gravity</b>	1.2 kg / litre
<b>Consumption</b>	0.3 to 0.5 litres/m <sup>2</sup> (per coat)
<b>Coverage</b>	Roofs and decks d.f.t 500 micron (minimum 3 coats) Internal wet areas d.f.t 700 micron (minimum 3 coats)
<b>Elongation at break</b>	312% (AS4858) Class III (High Extensibility)
<b>Moisture vapour transfer</b>	~ 4.2 g/m <sup>2</sup> /24 hrs
<b>Chemical resistance</b>	Resistant to a wide range of chemicals and solvents
<b>Packaging</b>	15 litre pails
<b>Important Notes</b>	<ul style="list-style-type: none"> <li>Do not apply Sika RainTite (au) to areas subject to heavy foot traffic or vehicular traffic.</li> <li>Do not apply to exposed areas when rain is imminent.</li> <li>Do not apply Sika RainTite (au) over glass or glazed surfaces.</li> <li>Sika RainTite (au) can be covered by acrylic paints, textured coatings and ceramic tile adhesives. Compatibility trials are recommended before application.</li> <li>Do not apply Sika RainTite (au) over substrates pre-treated with water repellents. Ensure priming techniques take place or use SikaTop-107 or Sikagard-720 EpoCem.</li> </ul>
<b>Handling Precautions</b>	<ul style="list-style-type: none"> <li>Avoid contact with skin, eyes and avoid breathing in vapour.</li> <li>Wear protective gloves when mixing or using this product.</li> <li>If poisoning occurs contact a doctor or Poisons Information Centre.</li> <li>If swallowed do NOT induce vomiting, give a glass of water.</li> <li>If skin contact occurs, wash immediately and thoroughly with soap and water.</li> <li>If in contact with the eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.</li> <li>A full material safety data sheet is available from Sika on request.</li> </ul>
<b>Important Notification</b>	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>

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