

Technical Data Sheet
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Sika® RainTite

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Acrylic Waterproofing

Description	Sika® RainTite waterproofing system consists of a combination of : Sika® RainTite Waterproofing Compound Highly flexible UV resistant acrylic emulsion Sika® RainTite Membrane Non-woven polyester membrane The system forms a fully bonded, durable, flexible waterproofing membrane
Uses	<ul style="list-style-type: none"> ■ Concrete flat roofs ■ Finishing ■ Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, zinc) ■ Parapet walls ■ External walls
Advantages	<ul style="list-style-type: none"> ■ External weather & UV resistant ■ Easy to use and apply ■ No priming ■ Excellent adhesion to most surfaces ■ High flexibility ■ Thixotropic ■ Non toxic ■ Will not promote fungal growth
Coverage	<p>Without Membrane Consumption : 0.6 - 0.7 kg/m²</p> <p>With Membrane Consumption : 2 - 2.4 kg/m²</p>
Total Thickness	1 - 1.20 mm (cured system with membrane)

Technical Data

Colour	Transparent, White, Cream, Grey, Pebble Grey, Stone Grey, Green and Coro Red.
Drying Time	2-3 hours depending upon ambient conditions
Tensile Strength	15.2 MPa
Tear Strength	56 N/mm
Elongation at Break	27%
Fire Index	0.4
Flammability	class 2
Accelerated Weathering	No serious effect after 3.000 hours
Toxicity	Non toxic

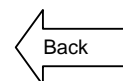


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Shelf Life	1 year when unopened and stored properly Protect from direct sunlight
Packaging	10 m x 1 m roll membrane 1 kg, 4 kg, 20 kg pail waterproofing compound
Instruction for Use	
Surface Preparation	Surface must be clean, sound and properly cured. Remove all loose materials mechanically, preferably with a wire brush. Iron and steel surfaces should be free of rust.
Application	<p>Without Membrane : Sika® RainTite is applied in two coats (0.3 - 0.35 kg/m² / coat), by brush or roller.</p> <p>With Membrane :</p> <ol style="list-style-type: none"> 1. Apply a generous base coat (0.8 - 1 kg/m²) of Sika RainTite Waterproofing Compound by brush or roller. 2. Embed the Sika RainTite Membrane into the base coat while it is still wet. Ensure that the membrane is thoroughly embedded and smooth out all air pockets and creases. Overlaps of adjacent membrane must be a minimum of 50 mm. 3. Immediately apply a second coat (0.8 - 1 kg/m²) of Sika Rain Tile Waterproofing Compound while the base coat is still wet, to fully saturate the membrane from both sides. 4. When touch-dry, apply a final top coat (~ 0.4 kg/m²) to complete the application. Protect from rain until dry.
Cleaning	Remove uncured surface Sika RainTite with water. Cured material can only be removed mechanically.
Limitations	Ambient and surface temperatures must be between 5°C and 35°C during application. Do not attempt application if rain is imminent It is not recommended to apply screed mortar on top of Sika Raintite Avoid ponding water on top of Sika Raintite
Handling Precautions	<ul style="list-style-type: none"> ■ Avoid contact with skin and eyes ■ Wear protective gloves and eye protection during work ■ If skin contact occurs, wash skin thoroughly ■ If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the product when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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