

## Product Data Sheet

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Sika® RainTite® Kit

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## Acrylic waterproofing system

### Product Description

The Sika® RainTite® Kit provides a complete waterproofing system, consisting of:

■ **Sika® RainTite® Kit Waterproofing Compound**

Flexible UV resistant acrylic emulsion

■ **Sika® RainTite® Kit Membrane**

Non – woven polyester membrane

The system forms a fully bonded, durable, flexible waterproofing system.

### Uses

- Flashings
- Sealing joints, laps and roofing screws on corrugated roofs
- Parapet walls

### Characteristics / Advantages

- Single component acrylic - easy to use
- Excellent adhesion
- Flexible and durable
- UV resistant
- Vapour permeable

## Product Data

### Form

**Appearance/Colours** Thixotropic liquid Charcoal, Grey, Terracotta, Red and Green.

**Packaging** 5 litre container with an attached 200mm x 10m roll of membrane

### Storage

**Storage Conditions / Shelf-Life** 12 months in original, unopened container. Store in a dry area between 5°C and 30°C. Protect from direct sunlight.



## Technical Data

**Chemical Base** Water based acrylic

**Density**  $\pm 1,17\text{kg/litre}$

**pH-Value**  $\pm 8,5$

**Layer Thickness** 1.5 – 2.0mm

## Mechanical Properties

**Bond Strength** Depends on substrate.

## System Information

**System Structure** **Primer:** 1 coat Sika® RainTite® Kit

**Saturator:** 1 coat Sika® RainTite® Kit

**Top Coat:** 1 coat Sika® RainTite® Kit

## Application Details

**Consumption / Dosage** Approximately 2,1 litres per m<sup>2</sup>.

**Substrate Quality** The surface must be dry and free of all contaminants such as oils, grease, coatings and surface treatments etc.

Weak concrete or plaster, should be removed and surface defects such as honeycombed areas, blowholes and voids must be fully exposed.

Repairs to substrate, filling of blowholes/voids and surface levelling should be carried out using the appropriate product from the Sikafloor®, Sikadur® and Sikagard® range of materials.

**Substrate Preparation / Priming** All surfaces, must be clean, dry, sound and properly cured. Remove all loose materials mechanically, preferably with a wire brush. Iron and steel surfaces should be free of rust.

Iron and steel surfaces should be treated with a suitable corrosion resistant coating, prior to application of Sika® RainTite® Kit.

## Application Conditions / Limitations

**Substrate Temperature** Min. 5°C – max. 30°C.

**Ambient Temperature** Min. 5°C – max. 35°C.

**Substrate Humidity** < 10%

**Relative Air Humidity** < 80%

**Dew Point** Substrate temperature must always be at least 3°C above the measured dew point.

## Application Instructions

### Application Method

**Step 1** Apply a generous base coat of Sika® RainTite® Kit by brush or roller.

**Step 2** Embed the Sika® RainTite® Kit 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 50mm.

**Step 3** Immediately apply a second coat of Sika® RainTite® Kit while the base coat is still wet, to fully saturate the membrane from both sides.

**Step 4** When touch dry, apply a final top coat of Sika® RainTite® Kit to complete the application. Protect from rain until dry.

<b>Cleaning of Tools</b>	Remove uncured Sika® RainTite® Kit with water. Cured material can only be removed mechanically.
<b>Waiting Time / Overcoatability</b>	<b>Touch dry:</b> 2 – 3 hours depending upon ambient conditions.
<b>Note on Application / Limits</b>	<p>Concrete should be a minimum of 28 days old and the moisture content less than 10% before application.</p> <p>The normal precautions pertaining to dew point should be observed.</p> <p>If steel is previously coated, contact our Technical Department.</p> <p>Do not apply if rain is imminent.</p> <p>Protect from rain until dry.</p>
<b>Value Base</b>	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
<b>Local Restrictions</b>	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
<b>Health and Safety Information</b>	
<b>Legal Notes</b>	<p>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 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 to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.</p>



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