

PRODUCT DATA SHEET

Sika® RainTite

Liquid acrylic waterproofing membrane

DESCRIPTION

Sika® RainTite waterproofing system is a highly flexible UV resistant acrylic emulsion coating, in conjunction with a non-woven polyester membrane. The system forms a fully bonded, durable and flexible waterproofing layer.

USES

Sika® RainTite is used on:

- Sealing joints, lap and roofing screws on various kinds of roofs (roof tile, asbestos, zinc)
- Parapet walls
- External walls

CHARACTERISTICS / ADVANTAGES

- External weather & UV resistant
- Easy to use and apply
- No priming
- Excellent adhesion to most surfaces
- High flexibility
- Thixotropic
- Non toxic

PRODUCT INFORMATION

Chemical Base	Water based acrylic
Packaging	5 litre container with an attached 200mm x 10m roll of membrane
Colour	Charcoal, Red, Teracotta, Green, Grey, White, Brown, Burgundy and Black
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C.

Density ±1.17kg/litre

SYSTEM INFORMATION

System Structure **Primer:** 1 coat Sika® RainTite
Saturator: 1 coat Sika® RainTite
Top Coat: 1 coat Sika® RainTite

Dry film thickness ~1.20 mm

APPLICATION INFORMATION

Consumption ~ 2.1 Ltr/m² with membrane

Ambient Air Temperature +5 °C min. / +35 °C max.

Relative Air Humidity <80%

Substrate Temperature +5 °C min. / +35 °C max.

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

Substrate Moisture Content <10%

Drying Time 2–3 hours depending upon ambient conditions

BASIS OF PRODUCT DATA

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.

LIMITATIONS

- Do not attempt application when rain is imminent.
- Protect from rain until dry
- It is not recommended to apply screed mortar on top of Sika® RainTite.
- Avoid ponding water on top of Sika® RainTite.

ECOLOGY HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Surface must be clean, sound and properly cured. Remove all loose materials mechanically, preferable with a wire brush. Iron and steel surfaces should be free of rust.

APPLICATION

Step 1 Apply a generous base coat of Sika® RainTite waterproofing compound by brush or roller at a spread rate of 1litre/m².

Step 2 Embed the Sika® RainTite membrane into the base coat while it is still wet. Ensure that the Sika® RainTite membrane is thoroughly embedded and smooth out all air pockets and creases. Overlaps of adjacent Sika® RainTite membrane must be a minimum of 50 mm.

Step 3 Immediately apply a second coat of Sika® RainTite waterproofing compound at a spread rate of 0.6 litre/m² while the base coat is still wet to fully saturate the Sika® RainTite membrane from both sides.

Step 4 When touch-dry, apply a final top coat at a spread rate of 0.5 litre/m² to complete the application. Protect from rain until dry.

CLEANING OF TOOLS

Remove uncured surface Sika® RainTite with water. Cured material can only be removed mechanically.

LOCAL RESTRICTIONS

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.

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 products 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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Product Data Sheet

Sika® RainTite
September 2021, Version 01.04
020915103000000001

SikaRainTite-en-ZA-(09-2021)-1-4.pdf