

# PRODUCT DATA SHEET

## SikaCoat® Plus

MULTIPURPOSE HIGH FLEXIBLE ACRYLIC BASED, ALKALI RESISTANT LIQUID APPLIED MEMBRANE

### PRODUCT DESCRIPTION

One component multipurpose high flexible acrylic based, alkali resistant liquid applied membrane. It can be applied on exposed roof areas, parapet walls, external walls, etc.

#### USES

- Concrete sloped roofs should be > 3% (with membrane)
- Finishing
- Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, zinc)
- Parapet walls
- External walls

#### CHARACTERISTICS / ADVANTAGES

- Alkali resistant.
- Reduce construction times.
- Easy application.
- Excellent hiding power.
- High elasticity.
- Excellent UV stability.
- Impermeable.
- Crack bridging ability.
- Can be diluted with 10% water (we only recommend for priming).
- Low consumption.

### PRODUCT DATA

#### FORM

#### COLOURS

Grey, Stone Grey, White, Latte.

#### PACKAGING

20 kg, 4 kg pail

#### STORAGE

#### STORAGE CONDITIONS / SHELF-LIFE

1 year when unopened and stored properly. Protect from direct sunlight

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**TECHNICAL DATA****CHEMICAL BASE**

Aqueous Acrylic Dispersion

**DENSITY****(EN ISO 2811-1)**

1.24 kg/l

All density values at +30 °C

**DRY FILM THICKNESS**

~ 200 micron (2 coat without membrane)

**DRYING TIME**

&gt; 3 hours depending upon ambient conditions

**TOXICITY**

Non toxic

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**MECHANICAL /  
PHYSICAL PROPERTIES****TENSILE STRENGTH****(ASTM D412: 2006a (2013))**> 2 N/mm<sup>2</sup> (without membrane)**ELONGATION AT BREAK****(ASTM D412: 2006a (2013))**

&gt; 400% (without membrane)

**BOND STRENGTH****(ASTM D4541: 2002)**

&gt; 1.5 N/mm (without membrane)

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**System Information****APPLICATION DETAILS****CONSUMPTION / DOSAGE****Without Membrane**First Coat: Consumption : 0.3 kg/m<sup>2</sup>Subsequent Coats: Consumption : 0.3 kg/m<sup>2</sup>**AMBIENT TEMPERATURE** < 35°C**SURFACE TEMPERATURE** < 35°C**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.

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**APPLICATION INSTRUCTIONS****APPLICATION****For Wall (Without Membrane):**

1. For porous substrate, apply first coat diluted with 10% water as primer layer. Allow enough drying time (>3 hours).
2. Apply SikaCoat® Plus in two coats (0.3 kg/m<sup>2</sup>/coat), by brush or roller.

**For Roof (With Membrane):**

1. Apply a first coat (0.8 - 1 kg/m<sup>2</sup>) of SikaCoat® Plus by brush or roller (diluted with 10% water if needed).
2. Embed the SikaCoat® Plus membrane into the second 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/m<sup>2</sup>) of SikaCoat® Plus while the first coat is still wet, to fully saturate the membrane from both sides.

	4. When touch-dry, apply a final top coat (~0.4 kg/m <sup>2</sup> ) to complete the application. Protect from rain until dry.
<b>CLEANING</b>	Remove uncured surface SikaCoat® Plus with water. Cured material can only be removed mechanically.
<b>LIMITATION</b>	Ambient and surface temperatures must be below 35°C during application. Do not attempt application if rain is imminent. Avoid any ponding water on top of SikaCoat® Plus. Minimum slope for Roof application (with membrane) should be 3%. Allow minimum one week curing time for cementitious substrates before apply SikaCoat® Plus.
<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>	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
<b>LEGAL NOTES</b>	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.

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