

# PRODUCT DATA SHEET

## SikaCoat®

### MULTIPURPOSE FLEXIBLE ACRYLIC BASED LIQUID APPLIED MEMBRANE

#### DESCRIPTION

One component multipurpose flexible acrylic based liquid applied membrane. It can be applied on parapet walls, external walls, etc.

#### USES

- Concrete sloped roofs should be >3% (with membrane)
- SikaCoat used for old plastering\* or re-coating
- Finishing
- Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, zinc)
- Parapet walls
- External walls

\*28 days old concrete with moisture < 11 % and pH < 7

#### CHARACTERISTICS / ADVANTAGES

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

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Aqueous Acrylic Dispersion	
<b>Packaging</b>	20 kg, 4 kg pail	
<b>Shelf Life</b>	12 months from date of production	
<b>Storage Conditions</b>	Stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C and protect from direct sunlight.	
<b>Colour</b>	Grey, Stone Grey, White, and Latte.	
<b>Density</b>	~1.3 ± 0.05 kg/L (at +30 °C)	(EN ISO 2811-1)

#### TECHNICAL INFORMATION

<b>Tensile Strength</b>	> 2 N/mm <sup>2</sup> (without membrane)	(ASTM D412: 2006a (2013))
<b>Elongation at Break</b>	> 400 % (without membrane)	(ASTM D412: 2006a (2013))
<b>Adhesion in Peel</b>	> 1.5 N/mm <sup>2</sup> (without membrane)	(ASTM D4541:2002)

# SYSTEM INFORMATION

<b>System Structure</b>	Without Membrane System (DFT ~200 micron) :	
	First coat :	1 x SikaCoat®
	Second coat	1 x SikaCoat®

# APPLICATION INFORMATION

<b>Ambient Air Temperature</b>	10°C - 35°C
<b>Substrate Temperature</b>	10°C - 35°C
<b>Drying Time</b>	> 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

- Two or more coats of coating is highly recommend than one thick coat
- 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®.
- Allow minimum four weeks\* curing time for cementitious substrates before apply SikaCoat®.
- Do not apply when strong wind.

\*28 days old concrete with moisture < 11 % and pH < 7

## 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 Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

## VOC DATA

The maximum content of SikaCoat® is 35g/L VOC for the ready to use product.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

#### 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

For Wall (Without Membrane):

- For porous substrate, apply first coat diluted with 10% water as primer layer. Allow enough drying time (>3 hours).
- Apply SikaCoat® in two coats by brush and roller

For Detailing Area (With Membrane):

- For porous substrate, apply first coat diluted with 10% water as primer layer. Allow enough drying time (>3 hours).
- Apply a first coat (0.8 - 1 kg/m<sup>2</sup>) of SikaCoat® by brush or roller.
- Embed the SikaCoat® membrane into the first 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.
- Immediately apply a second coat (0.8 - 1 kg/m<sup>2</sup>) of SikaCoat® while the first coat is still wet, to fully saturate the membrane from both sides.
- When dry, apply a final top coat (~0.4 kg/m<sup>2</sup>) to complete the application. Protect from rain until dry.

## CLEANING OF TOOLS

Remove uncured surface SikaCoat® 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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