

PRODUCT DATA SHEET

SikaCoat Plus

MULTIPURPOSE HIGH FLEXIBLE ACRYLIC BASED, ALKALI RESISTANT LIQUID APPLIED MEMBRANE

DESCRIPTION

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

USES

- SikaCoat Plus used for new plastering and skimcoat*
- Sloped roofs
- Finishing
- Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, zinc)
- Parapet walls
- External walls

* After 3 days cured/according to manufacturer recommendations (whichever is greater) with moisture < 25 % and pH < 11.

Allow light foot traffic only while use in sloped roof top.

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).

APPROVALS / STANDARDS

Certified Singapore Green Label, The Singapore Environment Council, Environmentally Preferred Paints & Surface Coating, December 2023.

PRODUCT INFORMATION

Chemical Base	Aqueous Acrylic Dispersion	
Packaging	20 kg/pail, 4 kg/pail	
Colour	Grey, White and others	
Shelf Life	12 months from date of production.	
Storage Conditions	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.	
Density	~1.3 ± 0.05 kg/l (+30 °C)	EN ISO 2811-1

TECHNICAL INFORMATION

Tensile Strength	> 2 N/mm ² (without membrane)	ASTM D412: 2006a (2013)
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Elongation at Break	> 400 % (without membrane)	ASTM D412: 2006a (2013)
Tensile Adhesion Strength	> 1.5 N/mm ² (without membrane)	ASTM D7234

APPLICATION INFORMATION

Consumption	First Coat: Subsequent Coats:	consumption : 0.8-1.0 kg/m ² consumption : 0.8-1.0 kg/m ²
Ambient Air Temperature	10°C - 35 °C	
Substrate Temperature	10°C - 35 °C	
Drying Time	> 3 hours depending upon ambient conditions	

SYSTEM INFORMATION

System Structure	Without Membrane System :	
	First coat:	1 x SikaCoat Plus
	Second coat:	1 x SikaCoat Plus

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 are 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 Plus.
- Allow minimum 3 days* curing time for cementitious substrates before apply SikaCoat Plus.

* After 3 days cured/according to manufacturer recommendations (whichever is greater) with moisture < 25 % and pH < 11.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE 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 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/m²) of SikaCoat Plus by brush or roller.
- 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.
- Apply a second coat (0.8 - 1 kg/m²) of SikaCoat Plus while the first coat is dry, to fully saturate the membrane from both sides.
- Protect the finish coat from rain until dry.

CLEANING OF TOOLS

Remove uncured surface SikaCoat® Plus 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.



Product Data Sheet

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