

PRODUCT DATA SHEET

Sika® CoolCoat Primer

EFFLORESCENCE RESISTANCE PENETRATING PRIMER BASED ON ACRYLIC EMULSION POLYMER

DESCRIPTION

Sika® CoolCoat Primer Primer is a versatile water based primer comprising of self cross linking acrylic emulsion polymer and additives in water as a medium. This Primer can be used as a seal coat for various water based Sika® Cool Coat, Sikagard® XT etc and where ever green construction is desired

USES

- Used as a Primer for the application on asbestos, brick, false ceiling, concrete surface, cementitious renderings , wall putty, other surfaces etc.

CHARACTERISTICS / ADVANTAGES

- Suitable Primer for internal and external surfaces
- Smaller polymer particles penetrate deeply to provide excellent substrate adhesion
- Suitable for porous substrates with over heating
- High Alkali resistant - Due to self cross linking polymers it gives very high resistance to alkaline substrates and protect the top coat
- Efflorescence resistance - Due to self cross linking polymers it gives very high efflorescence resistance

PRODUCT INFORMATION

Packaging	1 kg X 2 and 2kg X 2 Pack
Appearance / Colour	White Emulsion, Colourless after drying
Shelf Life	12 months from the date of production, if stored properly in undamaged, unopened, original sealed pack, in dry conditions at temperatures between + 5°C and + 30°C.
Storage Conditions	Protect from direct sunlight and frost
Density	1.05 kg/l
Solid Content	~ 25 %

TECHNICAL INFORMATION

Tensile Strength	~ 1.8 MPa	ASTM D 412
Tensile Adhesion Strength	> 1.5 MPa (Adhesion Strength on Concrete)	EN 1542
Design Considerations	Efflorescence Resistance Excellent Weathering Resistance Excellent Dirt Pick Resistance Excellent	

SYSTEM INFORMATION

Compatibility Concrete, Brick , Asbestos & Cementitious Rendering surfaces

APPLICATION INFORMATION

Consumption	System	Product	No of Coats	Dilution	Consumption
	Priming	Sika® Cool-Coat Primer Primer	1	Nil	~ 0.2 - 0.3 kg/m ²
	Top Coat	Sika® Cool-Coat Primer Primer	1	Nil	~ 0.05- 0.08 kg/m ²
Ambient Air Temperature	+ 8 °C min / + 45 °C min				
Substrate Temperature	+ 8 °C min / + 45 °C min				
Tack Free Time	2- 4 hours at + 27 °C (depending on humidity temperature and ventilation)				
Waiting Time	2- 4 hours before commencing to further finish coats depending on the Temperature and Humidity				

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

APPLICATION

Stir well until a uniform consistency is achieved. Apply a single coat of Sika®- CoolCoat Primer on the cleaned substrate & allow it to dry.

The primer may become high viscous due to change in ambient conditions like temperature and humidity that might affect the consistency and increase consumption of the primer. Under such situation, a site modification by adding water is recommended by Sika®. In order to achieve application friendly consistency of the product. The dilution is fixed on the basis of site trials

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

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.

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