

# Sika Solutions for Every Construction



Concrete



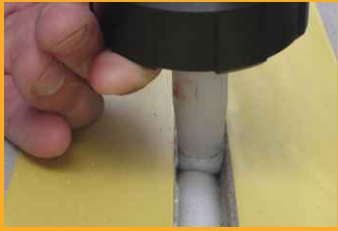
Waterproofing



Refurbishment



Flooring



Sealing & Bonding



Roofing

## SIKA - THE CUSTOMISED SOLUTION PROVIDER

Sika's innovative ideas and expertise in evolving quality products has been a hallmark in the history of construction chemicals. From over hundred years Sika is consistently serving the construction industry with its pioneering technology and commitment.

### Sika India Pvt. Ltd.

601, A Wing, Infinity Tower

Off. Link Road, Malad (W)

Mumbai : 400 064

Tel : +91 22 4038 4038

Fax : +91 22 4038 4039

E-mail : [info.india@in.sika.com](mailto:info.india@in.sika.com)

Website : [ind.sika.com](http://ind.sika.com)

**BUILDING TRUST**



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**Sika**

**LOOKS COOL  
KEEPS COOL**

**SIKA COOLCOAT**

100% Water Tight

High Energy Saving

**FAST, EASY AND HIGH PERFORMANCE  
Fibre Reinforced**

5kg

## Introduction

Sika® CoolCoat is a flexible, liquid applied, single component, ultra violet rays and weather resistant, acrylic waterproofing membrane for all types of exposed roof slabs(new and old), terraces(sloped and flat), etc..

Sika® CoolCoat contains Cross-linking polymers, Special Glass Micro fibers, pigments and advanced antifungal additive that provides long lasting tough water proofing membrane.

The low thermal conductivity of the membrane serves as insulation medium to resist heat transfer.

The long lasting glossy white colors reflect solar radiation that helps heat to back into the atmosphere which keeps the interior of a building cooler.

This coating combines the benefits of waterproofing as well as heat reduction in a single product. Thus ensuring value for money for customers.

The waterproofing system can be further reinforced using Sika® Fab 1 glass fibre mesh.

## Uses

- Roof slabs(flat and sloped)
- RCC/ asbestos/ lime terraced roofs, etc. after suitable surface preparation and repairs
- Sunshades
- All exposed areas
- Suitable for repairing existing bituminous membrane
- Can be used as exterior coating for PVC water tanks exposed to direct sunlight on roofs, balconies, etc. to keep the inside water temperature relatively cooler

## Advantages

- Cross linking polymer gives excellent weather resistance and enhances service life.
- High solar reflectance index (SRI) indicates high degree of cooling effect
- Crack-bridging
- High resistance to chloride penetration, hence highly suitable for saline environment.
- Algae and fungi resistant
- Highly Flexible
- Water vapour permeable
- Simple and fast application (even at detailing)
- Excellent adhesion to concrete, brickwork, corrugated asbestos, asbestos cement sheet and metal decks
- Ultra violet rays and weather resistant
- Water based hence eco friendly
- No protective screed required for normal foot traffic.

## Packaging

- 5kg & 10 kg

## Consumption / Dosage

Sika®CoolCoat Primer : 0.1- 0.12 kg/m<sup>2</sup> per coat depending on the substrate  
Sika® CoolCoat: 0. 5 kg /m<sup>2</sup> per coat (3 coats recommended)  
Total thickness – 1.2 mm approx with Sika® Fab1 and 1mm without Sika® Fab1

## Application Instructions

### Surface Preparation :

All dust, loose and friable materials and glaze or varnish of tiles must be completely removed by mechanical means. Existing coatings/ membranes have to be inspected, cleaned and mechanically ground to achieve a sound, gripping substrate. In case of bad adhesion to the substrate, existing coatings have to be removed. All uneven surfaces should be properly treated by suitable Sika® material to get a plain surface.

### Application Method / Tools

- Sika® CoolCoat is supplied in a single component pack and is in ready to use form. Stir thoroughly using a conventional paint stirrer prior to application.
- Within 2-4 hours of priming, apply 1st coat of Sika® CoolCoat by brush or roller. Do not spoil the dry surface while walking on it for application.
- Place Sika® Fab1 over the first coat when it is in tacky condition
- Apply the 2nd and 3rd coat of Sika® CoolCoat following the same above procedure at suitable time interval of 6-8 hours between the two coats.
- Finally apply a thin layer of Sika® CoolCoat Primer. Suitable time interval is 6-8 hours between the two coats.
- The above mentioned times may vary depending on temperature, humidity and ventilation at site.

\* For more details please consult the most current Product Data Sheet



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