

## PRODUCT DATA SHEET

# Sika® CD Anti-Lime Coating

### ANTI-LIME COATING OF USE WITH SIKA CAVITY DRAINAGE SYSTEM

#### PRODUCT DESCRIPTION

The Sika® CD Anti-Lime Coating is a blend of high-grade silicates and wetting agents, held in suspension with water as a carrier. Once applied to the concrete surface, this unique product seals the concrete surface.

#### USES

- Reduce "Free Lime" leaching from concrete surfaces
- An effective Anti-lime coating to new concrete in Cavity Drain systems

#### CHARACTERISTICS / ADVANTAGES

- Totally seals the concrete surface
- Increases abrasion resistance
- Resistant to acid concentrates
- Totally safe – water based
- Normally one coat application
- Equipment can be easily cleaned with water

#### PRODUCT INFORMATION

<b>Packaging</b>	Supplied in a 25kg drum. Packing size may vary subject to local regulations and requirements.
<b>Colour</b>	Opaque Clear Liquid
<b>Shelf Life</b>	If storage conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.
<b>Storage Conditions</b>	Should be stored at room temperature (min 10°C and max 35°C), kept dry and out of direct sunlight.
<b>Flash Point</b>	Not applicable
<b>Solid content by volume</b>	8% to 10%

#### APPLICATION INFORMATION

<b>Consumption</b>	2 - 4m <sup>2</sup> / kg
<b>Drying time</b>	1 hour tack free 4 hour hard dry Dependant of ambient and substrate temperature

## APPLICATION INSTRUCTIONS

### APPLICATION GUIDELINES

- Ensure that the surface to be treated is free from oil, dust and other foreign matter.
- Apply Sika® CD Anti-Lime Coating at a rate of 2 – 4 square metres per kg using a brush or spray unit. Apply additional treatments if required.
- Allow 2-3 hours for the product to dry. After this period, check for any “puddling” of the product on the concrete surface. If “puddling” has occurred, apply water to the affected area and sweep the Sika® CD Anti-Lime Coating with a broom to allow further penetration in to the treated substrate.
- NOTE: Porous concrete may require subsequent applications; a trial should be conducted to assess the number of applications required.
- After Sika® CD Anti-Lime Coating has dried it may appear patchy but the appearance should improve after 2-3 months as the Sika® CD Anti-Lime Coating continues to react and release any trapped water.
- **Do not allow Sika® CD Anti-Lime Coating to come in to contact with painted surfaces, glass or aluminum, as pitting may occur. If contact occurs, flush with copious amounts of water. Usage is not recommended where an aesthetic finish is important such as with coloured concrete.**

### LIMITATIONS

Do not apply Sika® CD Anti-Lime Coating in the following cases;

- To seal lightweight or other extremely porous masonry that contains actual holes and air pockets.
- When the temperature falls to below 5°C.
- To areas previously treated with curing or sealing agents, unless these coatings have been removed by chemical or mechanical means.

### APPLICATION METHOD / TOOLS

- Application Temperature : 5°C - 35°C
- Soluble in water

### VALUE BASE

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 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.

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

## 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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