



## PRODUCT DATA SHEET

# Sika® Icosit® KC 330 Primer CA

1-PACK POLYURETHANE PRIMER FOR SIKA® ICOSIT® KC 330 / 340 PRODUCT RANGE

### PRODUCT DESCRIPTION

Sika® Icosit® KC 330 Primer CA is a 1-pack, polyurethane ready to use, solvented, reaction-curing primer.

### WHERE TO USE

Sika® Icosit® KC 330 Primer CA may only be used by experienced professionals.

Adhesion promoter as pre-treatment of dry concrete, steel and asphalt substrates. For improving adhesion of the Icosit® KC 330 / 340 range of products.

### CHARACTERISTICS / ADVANTAGES

- Highly abrasion resistant
- Good penetration and substrate stabilisation
- Moisture-curing
- Tough-hard

### PRODUCT INFORMATION

CSC MasterFormat®	03 60 00   Grouting
Composition / Manufacturing	1-pack polyurethane
Packaging	3 L pail (0.8 US gal.)
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10 °C and +25 °C (50 °F and 77 °F). Always refer to packaging.
Colour	Yellowish-brown / transparent
Density	~1,0 kg/L (ISO 2811-1)

### TECHNICAL INFORMATION

Service Temperature	<ul style="list-style-type: none"><li>▪ -40 °C min. / +80 °C max. (-40 °F min. / 176 °F max.)</li><li>▪ short term up to +150 °C (300 °F)</li></ul>
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<b>Temperature Resistance</b>	Dry heat short-term up to approx. +150 °C (300 °F), liquids up to approx. +60 °C (140 °F)
<b>Chemical Resistance</b>	<p><b>Long-term resistant against:</b></p> <ul style="list-style-type: none"> <li>▪ Water</li> <li>▪ Many detergent solutions</li> <li>▪ Seawater</li> </ul> <p><b>Temporary resistant against:</b></p> <ul style="list-style-type: none"> <li>▪ Mineral oil</li> <li>▪ Diesel fuel</li> </ul> <p><b>Short-term or no resistance against:</b></p> <ul style="list-style-type: none"> <li>▪ Organic solvents (esters, ketones, aromates) and Alcohol</li> <li>▪ Concentrated lyes and acids</li> </ul> <p>Contact Sika Canada Inc. for specific information.</p>

## APPLICATION INFORMATION

<b>Consumption</b>	approx. 0.1 kg/m <sup>2</sup> - 0.2 kg/m <sup>2</sup> (0.02 lb/ft <sup>2</sup> - 0.04 lb/ft <sup>2</sup> ) Depends on the roughness and absorbency of the substrate.		
<b>Product Temperature</b>	Condition product before application preferably at +15 °C (59 °F)		
<b>Ambient Air Temperature</b>	+5 °C min. / +35 °C max. (41 °F min. / 95 °F max.)		
<b>Relative Air Humidity</b>	30 % min. / 70 % max.		
<b>Substrate Temperature</b>	+5 °C min. / +35 °C max. (41 °F min. / 95 °F max.)		
<b>Substrate Moisture Content</b>	≤ 3 % parts by weight +3 °C max. above dew point temperature		
<b>Pot Life</b>	Contents of opened container should be used within the same day.		
<b>Waiting Time / Overcoating</b>	At 40 % - 60 % relative humidity		
	+10 °C (50 °F)	+20 °C (68 °F)	+30 °C (86 °F)
	Minimum	1 hour	1 hour
	Maximum	3 days	3 days

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## LIMITATIONS

- To achieve optimum application performance, condition the material to a temperature of +15 °C (59 °F) before application.
- During application and curing, air and substrate temperature should be ideally at least +5 °C (41 °F). Lower temperatures will delay the curing process. If relative air humidity falls below 25 %, chemical reaction and curing will be delayed.
- Beware of solvent fumes vaporising from product during and after application.
- Poorly ventilated work areas need forced ventilation

- during application and drying.
- If a waiting time of 3 days is exceeded, Sika® Icosit® KC 330 Primer CA must be removed from substrate by blast cleaning, grinding or other suitable preparation technique and re-applied.
- Do not use on damp substrates.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

- Substrate must be sound, free from oil, grease, loose and friable particles or any contaminants or conditions that may affect adhesion or overall product performances.
- Concrete tensile strength  $\geq 1.5$  MPa.

### SUBSTRATE PREPARATION

- Concrete substrates must be prepared mechanically to remove cement laitance and achieve an open textured surface (CSP 3 as per ICRI 310-2R).
- Weak cementitious substrates must be removed and surface defects such as blow holes and voids must be fully exposed and filled / repaired with compatible Sika® products.
- Steel substrates must be prepared mechanically using suitable abrasive blast cleaning to remove all corrosion products and achieve a bright metal finish.
- All dust, loose and friable material must be completely removed from all surfaces before application of the product and associated system products, preferably by vacuum extraction equipment.

### APPLICATION METHOD / TOOLS

Apply Sika® Icosit® KC 330 Primer CA onto the prepared substrate and apply by brush or short-piled nylon roller. Ensure a continuous coat covers the substrate.

### CLEAN UP

Uncured material can be removed from equipment and tools using Sika® Urethane Thinner and Cleaner. Cured material can only be removed manually or mechanically. For removal of uncured material from hands and sensitive surfaces, use Sika® Hand Cleaner towels.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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#### Other locations

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

#### Product Data Sheet

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