

PRODUCT DATA SHEET

Sika Crack Seal®

ELASTOMERIC CRACK FILLER

DESCRIPTION

Sika Crack Seal® is a 100% acrylic elastomeric crack filler designed for filling cracks in concrete surfaces. Sika Crack Seal meets the following technical material requirements when tested in accordance with ASTM C661, ASTM C719, ASTM C793, ASTM C794, and ASTM D4758.

USES

- For Concrete driveways, parking lots, patios, side-walks, walls, and more.
- For mortar or stone.
- On horizontal and vertical surfaces.

CHARACTERISTICS / ADVANTAGES

Sika Crack Seal® exhibits outstanding low temperature flexibility. Features include:

- Environmentally friendly 100% acrylic water based formulation.
- Outstanding flexibility – remains flexible at temperatures below 0°C.
- High solids formula for less shrinkage.
- Chloride ingress and Anticarbonation resistance.
- Waterproof.
- UV resistance.
- Overpaintable
- Excellent adhesion.

APPROVALS / CERTIFICATES

Sika Crack Seal® has been tested as per SCAQMD Rule 1168.

Result: VOC < 100 g/l

PRODUCT INFORMATION

Composition

Sika Crack Seal® is comprised of 100% acrylic elastomeric emulsion resin, mineral fillers, geotextile fibers, surfactants and water

Packaging	Available in 1Kg and 5 Kg.
Appearance / Colour	Off-White.
Shelf life	12 months from date of production
Storage conditions	stored properly in original unopened packing.
Density	1.14 ± 0.02

TECHNICAL INFORMATION

Water Absorption	No penetration
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SYSTEMS

System Structure	<ul style="list-style-type: none"> ▪ Adhesion No loss of adhesion ▪ Heat Resistance No blistering or sagging ▪ Flexibility No cracking or flaking ▪ Drying Time Dependent upon filler depth, approximately one hour for 1 mm thickness. ▪ Non volatiles % 75% ▪ Hardness of cured sealant 15-50 Durometer. ▪ Effects of Accelerated ▪ Weathering Passes. ▪ MFFT < 3°C
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APPLICATION INSTRUCTIONS

APPLICATION

Application Tools

- Sika Crack Seal® can be applied with a trowel, putty knife, or similar tool.
- It can be applied with a sealant caulking gun.

Application

- Work material into crack with a trowel or putty knife.
- Level smooth to surrounding surface.

Coverage

Coverage is dependent upon depth and width of cracks. Typically, one kg of Sika Crack Seal® will fill approximately 5 -10 m of cracks

When adding Sika Crack Seal® to Sikarep® fine by the ratio 1:5

Surface Preparation

Cracks must be cleaned of vegetation, dust, dirt, and debris.

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 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

Safety Precautions

- Sika Crack Seal® is an environmentally friendly, water based crack sealant containing Less than 100 g/l Volatile Organic Content (VOC).
- Keep out of reach of children.
- Do not store unopened pails in freezing temperatures.

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.

Sika Egypt

1st Industrial Zone (A)
Section #10, Block 13035
El Obour City, Egypt
TEL: +202 44810580
FAX: +202 44810459
egy.sika.com



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