

Product Data Sheet

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Sikaflex Crack Flex Sealant

Sikaflex® Crack Flex Sealant

High performance, textured, self-leveling, 1-part polyurethane sealant for sealing cracks.

Description	Sikaflex Crack Flex Sealant is a single component, textured, self-leveling, premium grade polyurethane sealant for permanently sealing horizontal cracks.
Where to Use	<p>Sikaflex Crack Flex Sealant is used to seal horizontal cracks up to 1-3/4" wide in concrete and cementitious slabs, such as:</p> <ul style="list-style-type: none"> ■ Driveways ■ Garages ■ Sidewalks ■ Balconies ■ Pavements ■ Terraces ■ Decks ■ Walkways ■ Steps
Advantages	<ul style="list-style-type: none"> ■ 1-component, no mixing, ready-to-use ■ Self-leveling ■ Textured to blend with concrete surface ■ Elastic technology allows for crack movement ■ Waterproof ■ Resists aging and weathering ■ Convenient; use with standard caulk gun

Typical Data (Material and curing conditions @ 73°F (23°C) and 50% R.H.)

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Shelf Life	1 year in original unopened packaging.
Storage Conditions	Store at 40°-95°F (4°-35°C). Condition material to 65°-75°F before using.
Color	Gray
Application Temperature	40° to 100°F
Curing Rate	Tack-free time: 2 to 4 hours. Final cure: 3 to 5 days
Weathering Resistance	Excellent
Service Range	-40° to 170°F (-40°-77°C)

Coverage 12.2 linear ft (3.72 lin. m) for 1/2" x 1/4" (1.27 x 0.64 cm) bead

Packaging Disposable 10.1 fl. oz., moisture-proof composite cartridges, 12/case.



How to Use

Surface Preparation

Clean all surfaces. Cracks must be sound, clean, dry, frost-free, and free of oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed.

Application

Recommended application temperatures: 40°-100°F. Condition sealant to 65-75°F before using. Cut plastic tip to desired size and puncture airtight seal at base of tip. **NOT FOR SLOPED SURFACES.** Maximum sealant depth is 1/2" and width is 1-3/4". Minimum depth is 1/4" and width is 1/4". Pour sealant into joint slot in one direction and allow sealant to flow and level out as necessary. Tool as required, although minimum tooling is necessary. Joint dimension should allow for 1/4" minimum and 1/2" maximum thickness for sealant. Proper design is 2:1 width to depth ratio. Always use bond breaker tape or closed cell backer rod for support on horizontal joints.

Limitations

- Allow 1 week cure at standard conditions when using Sikaflex Crack Flex Sealant in total water immersion situations.
- Maximum exposure level of chlorine is 5 ppm.
- In joints subject to movement - maximum depth of sealant must not exceed 1/2"; minimum depth is 1/4".
- Minimum depth of sealant for horizontal joints subject to traffic is 1/2".
- Maximum expansion and contraction should not exceed 25% of average joint width.
- Do not cure in the presence of curing silicone sealants.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not apply when moisture-vapor transmission condition exists from the substrate as this can cause bubbling within the sealant.
- Use opened cartridges the same day.
- The ultimate performance of Sikaflex Crack Flex Sealant depends on good joint design and proper application with joint surfaces properly prepared.
- Do not use in contact with bituminous / asphaltic materials.
- When over-coating with water, oil and rubber based paints, compatibility and adhesion testing is essential.

Clean Up

Uncured material can be removed with approved solvent. Cured material can only be removed mechanically. For spillage, collect, absorb, and dispose of in accordance with current, applicable local, state, and federal regulations.

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION

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1-800-933-SIKA NATIONWIDE

Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
Fax: 201-933-6225

Sika Canada Inc.
601 Delmar Avenue
Pointe Claire
Quebec H9R 4A9
Phone: 514-697-2610
Fax: 514-694-2792

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



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