

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	Sikaflex + Crack Flex Sealant is used to seal horizontal cracks up to 1" wide in concrete and cementitious slabs, such as: ■ Driveways ■ Garages ■ Sidewalks ■ Balconies ■ Pavements ■ Terraces ■ Decks ■ Walkways ■ Steps
Advantages	■ 1-component, no mixing, ready-to-use ■ Self-leveling ■ Can be applied to green/new concrete 24 hours after cure ■ Can be applied on concrete that has been wet 1 hour after water source has stopped ■ 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

Coverage	12.2 linear ft per tube (3.72 lin. m) for 1/2 in. x 1/4 in. (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

Condition sealant to 65-75°F before using. Cut plastic tip to desired size and puncture air-tight seal at base of tip. **NOT FOR SLOPED SURFACES.** Maximum sealant depth is 1/2" and width is 1". Minimum depth is 1/24".

Recommended application temperature: 40°-100°F. Pour sealant into crack slot in one direction and allow sealant to flow and level out as necessary. No tooling necessary.

For green/new concrete application, 24 hours after concrete has cured. Concrete must be of good quality and strength. **Note:** Curing will vary depending on temperature and humidity.

- In formed joints, forms must be removed 6 hours before applying sealant.
- In control joints, concrete must be cut 8 hours before applying sealant.

For wet concrete application, water source must be stopped 1 hour before application and concrete must be free of standing water.

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.
- Maximum depth of sealant must not exceed 1/2 in.; minimum depth is 1/4 in. Maximum crack width is 1".
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not apply when moisture-vapor-transmission condition exists from the substrate from the substrate as this can cause bubbling within the sealant.
- Use opened cartridges the same day.
- Do not use in contact with bituminous/asphaltic materials.
- On wet concrete, water source must be stopped 1 hour before application and concrete must be free of standing water
- When using on green/new concrete, concrete must be good quality and strength, sealing poor or low strength concrete 24 hours after may impact the ability of the sealant to gain proper adhesion.





Danger: Combustible liquid. May cause an allergic skin reaction. May cause cancer. May cause damage to organs (hearing organs) through prolonged or repeated exposure if inhaled.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Use personal protective equipment as required. **IF ON SKIN:** Wash with plenty of soap and water. **If exposed or concerned:** Get medical advice/ attention. **If skin irritation or rash occurs:** Get medical advice/ attention. Wash contaminated clothing before reuse. **In case of fire:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment for extinction. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/ container to an approved waste disposal plant.

Contains: titanium dioxide (CAS: 13463-67-7), Isophoronedialdimine (CAS: 932742-30-8), xylene (CAS: 1330-20-7), ethylbenzene (CAS: 100-41-4), Aliphatic polyisocyanate (CAS: 28182-81-2), Quartz (SiO₂) (CAS: 14808-60-7), Hindered amine derivatives (Proprietary). Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.

KEEP CONTAINER TIGHTLY CLOSED.

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. **WARNING!** This product contains a chemical known in the State of California to cause cancer.

HMIS: *3, 2, 0,X.

VOC: 32.5 g/l.

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

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. SALE OF SIKA PRODUCTS ARE SUBJECT SIKA'S TERMS AND CONDITIONS OF SALE AVAILABLE AT [HTTP://USA.SIKA.COM/](http://USA.SIKA.COM/) OR BY CALLING 201-933-8800.**

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