Construction

Sikaflex® Crack Flex Sealant

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

Description	Sikaflex 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 ▪ 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.)*

Shelf Life	1 year in original unopened packaging.
Storage Conditions	Store at 40°-95°F (4°-35°C). **Condition material to 70°F before using.**
Color	Gray
Application Temperature	40° to 100°F
Curing Rate	Tack-free time: 1 to 2 hours. Final cure: 3 to 5 days
Weathering Resistance	Excellent

Coverage	12.2 linear ft (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.

Construction

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

Pre-condition sealant to approximately 70° F when working at temperatures below 40°F. 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". 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.

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 ½ in.; minimum depth is ¼ in. Maximum crack widith 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.

Caution

Irritant

WARNING: COMBUSTIBLE, IRRITANT, SENSITIZER: Contains 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (CAS: 4098-71-9), xylene (CAS: 1330-20-7), calcium hydroxide (CAS: 1305-62-0) and ethylbenzene (CAS: 100-41-4). Causes respiratory irritation. Harmful if swallowed. May cause eye/skin irritation. May cause skin/respiratory sensitization. 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 away from heat, sparks, electrical equipment, and open flame. **DO NOT SMOKE.** Use only in well ventilated areas.

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

First Aid

Eyes – Hold eyelids apart and flush thoroughly with water for 15 minutes. **Skin –** Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. **Inhalation –** Remove to fresh air. **Ingestion –** Do not induce vomiting. Dilute with water. Contact physician. In all cases contact a physician immediately if symptoms persist.

Clean Up

Use personal protective equipment (chemical resistant gloves/ goggles/clothing). Without direct contact, remove spilled or excess product and placed in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations. Extinguish all sources of ignition. DO NOT SMOKE.

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

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