

PRODUCT DESCRIPTION

Akonaflex™ Self-Leveling Concrete Repair is a one-component, construction-grade, polyurethane, moisture cure sealant designed to meet the flexibility requirements of dynamically moving joints. Self-leveling to result in a smooth, gray finish which is foot-traffic ready after 3 days and will reach full cure in 1 week.

Self-Leveling Concrete Repair can be used to seal horizontal expansion joints in concrete slabs, driveways, sidewalks, decks, pitch pans, pavers, garage floors, industrial floors, and other concrete surfaces. Its premium construction-grade components give you a strong, durable, flexible waterproof seal.

WHEN/WHERE TO USE

- Interior and exterior concrete surfaces
- Fills cracks and expansion joints
- Maximum crack width: 1 in. (25 mm)
- Maximum crack depth: ½ in. (13 mm)
- Horizontal applications

ADVANTAGES

- Foot-traffic ready after 3 days
- Full cure after 1 week
- Ready to use (no mixing)
- Permanently flexible (±25%)
- Self-leveling (no tooling required)
- Puncture and abrasion resistant
- Superior adhesion
- Waterproof & paintable (latex)
- Complies to ASTM C920, Type S, Class 25, Use T, M
- Federal Specification TTS-00230C, Type 1, Class A
- VOC compliant

AVAILABLE SIZES

- 10.1 oz. (0.3 L) tube (BOM #104562)
- 29 oz. (0.86 L) tube (BOM # 120456)

YIELD

- One 10.1 oz. tube yields approximately 12 lin. ft. at ½ in. x ¼ in. joint (3.6 m at 13x6 mm)
- One 29 oz. tube yields approximately 34 lin. ft. at ½ in. x ¼ in. joint (34 m at 13x6 mm)

PREPARATION

Read all directions before starting work. Remove all loose and unsound materials. Thoroughly clean all surfaces of dirt, dust, grease, or other contaminants. Surfaces should be dry.

APPLICATION

The depth of the sealant should be half the width of the joint (2:1 width-to-depth ratio.) Joint depth should be a maximum of ½ in. (13 mm). In deep joints, foam backer rod is recommended. The maximum joint width is 1 in. (25 mm).

Clip off the tip of the spout at a 45° angle to desired size and puncture the inner seal. Load the sealant cartridge into the caulking gun and apply, filling the joint from the bottom. Avoid bridging the joint, which may form air voids. Based on ambient temperature, sealant has the ability to self-level to form a clean joint surface. Fill the crack to just below the existing surface for a cleaner finished look.

Clean up excess product with a solvent-moistened towel prior to it curing. Excess cured caulk can be removed with a razor blade. Avoid undercutting the seal.

CURING

Approximate curing time (for a typical joint of ½ in. W x ¼ in. D at 75°F (24°C) and 50% humidity):

- Skins over in 24 hours
- Foot traffic ready in 3 days
- Full cure in 1 week

Curing time varies with temperature and humidity. Lower temps will extend curing time. Protect joints from dirt until cured. This sealant is paintable when fully cured (latex paint recommended). When using oil-based paint, check with the paint manufacturer first because some oil based paints do not dry well over polyurethane sealants.

CLEAN UP

Tools should be cleaned with a citrus or solvent-based cleaner before the product cures. Avoid getting sealant on skin.

IMPORTANT NOTES

- Wear gloves to avoid skin contact.
- Paint with premium latex paint
- Store in a cool, dry place (40°F-<90°F/4°C-<32°C)



KEEP FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

- Apply when sealant & substrate are between 40°F-110°F (4°C- 43°C)
- Bubbling may occur in high temperatures or high humidity if substrates are not absolutely dry, or if applied too deep
- Use opened cartridge the same day
- Sealant may stain porous substrates such as marble, limestone & granite
- Sealant is not recommended for continuous immersion in water/liquid

WARNING

Always read the product SDS and cautionary statements on product container prior to application. Wear proper protective gear as advised on the label and/or SDS. Wash hands thoroughly with warm, soapy water after handling or before eating. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

Helpful Items:



Broom



Caulk Gun



Trowel



Gloves



Safety Glasses