

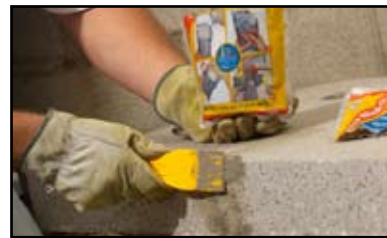


Sikaflex® Mix & Go

Repair Mortar

Applications

- To repair/patch concrete, masonry and blockwork, etc.



Packaging

2.75 lb. bag.

Advantages

- Low sensitivity to mixing errors.
- Self Contained System - No tools required.
- Repair in simple steps.
- Easy to mix.
- Easy to use and apply.
- Good build up.
- Fast setting.

How To Use

- 1 Ensure that the substrate is sound, clean and rough.
- 2 The contents might be compacted. Shake the bag before opening. Add 7 fl. oz. of water. Squeeze a little bit of air out and close the bag tightly with the cap. Knead and shake the bag for approximately 3-4 minutes until an even consistency and uniform color is achieved.
- 3 Tear the bag open at the perforation so as to form a bucket.
- 4 Stir the mortar with the spatula and apply.
- 5 As per ACI recommendations for portland cement concrete, curing is required. Moist cure with wet burlap and polyethylene, a fine mist of water or a water based* compatible curing compound. Curing compounds adversely affect the adhesion of following layers of mortar, leveling mortar or protective coatings. Moist curing should commence immediately after finishing. Protect newly applied material from direct sunlight, wind, rain and frost.

Know-how from Site to Shelf



Every Project Deserves The Best...

Sika Corporation
Business Unit Distribution
201 Polito Avenue
Lyndhurst, NJ 07071
Phone 800 933 7452
Fax 201 933 6225
www.sikaconstruction.com



All sales of Sika products are subject to Sika's current Terms and Conditions of Sale available at www.sikacorp.com or by calling 201-933-8800. 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 Technical Data Sheet, product label and Material Safety Data Sheet, which are available at www.sikaconstruction.com or by calling Technical Services at 1-800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instructions for each Sika product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use.

The sale of all Sika products are subject to the following Limited Warranty:

LIMITED MATERIAL WARRANTY

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 Technical 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.

© Sika Corporation/BU Distribution 07/09



Sika® Repair Materials

How-to Guide for Sikaflex® Concrete Fix

Sikaflex® Mortar Fix

Sikagard® Clean & Etch

Sikagard® Natural Look Sealer

Sikagard® High Gloss Sealer

Sika® Latex R

Sika® Mix & Go



Sikaflex® Concrete & Mortar Fix

Polyurethane Sealants



Applications

- Great for vertical and overhead use.
- Ideal for weatherproofing of joints between brickwork, blockwork, masonry, concrete or metal frames.
- Expansion joints, joints in walls, balconies, around window or door frames.

Advantages

- High elasticity – cures to a tough, durable, flexible consistency with exceptional cut and tear resistance.
- Stress relaxation.
- Excellent adhesion – bonds to most construction materials without a primer.
- Excellent resistance to aging, weathering.
- Non-staining.
- Urethane-based: suggested by EPA for radon reduction.
- Paintable with water-, oil- and rubber-based paints.



Packaging

10 fl. oz. cartridges

How To Use

- 1 Clean all surfaces. Joint walls must be sound, clean, dry, frost-free, and free of oil and grease and any other contaminants. Install bond breaker tape or backer rod to prevent bond at base of joint.
- 2 Priming is not usually necessary. Most substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure. Consult Sikaflex Primer Technical Data Sheet or Technical Service for additional information on priming.
- 3 Recommended application temperatures: 40°-100°F (4°-38°C). For cold weather application, condition units at approximately 70°F (21°C); remove prior to using. For best performance, Sikaflex Concrete Fix/Sikaflex Mortar Fix should be gunned into joint when joint slot is at mid-point of its designed expansion and contraction. Place nozzle of gun into bottom of the joint and fill entire joint. Keep the nozzle in the sealant, continue on with a steady flow of sealant preceding the nozzle to avoid air entrapment. Avoid overlapping of sealant to eliminate entrapment of air. Tool as required. Joint dimension should allow for ¼ inch minimum and ½ inch maximum thickness for sealant. Proper design is 2:1 width to depth ratio.



Sikagard® High Gloss Sealer

Acrylic Concrete & Masonry Sealer



Applications

- Seals concrete and masonry surfaces, such as sidewalks, steps, patios, porches, garages, driveways, basement floors, and brick against moisture, de-icing salts, and other harmful chemicals.

Advantages

- Helps control dusting.
- Provides protection from mild corrosives.
- Applies on milky white for visibility of application.
- Dries clear.
- Great for vertical applications.



Packaging

1 gal. jug

How To Use

- 1 Ensure that all surfaces are clean and sound. Remove all dust, dirt, loose concrete, grease, curing compounds, paint and other particles.
- 2 All porous areas or concrete with excessive porosity or chalky surfaces should be primed using Sikagard 552W or SikaLatex R to allow easy application of Sikagard Elastic Base Coat.
- 3 Shake product thoroughly before applying.
- 4 Sikagard High Gloss Sealer can be applied by sprayer, brush or roller. Apply over the entire area moving in one direction. Additional coats can be applied for higher gloss. Wait one day before exposing to foot/car traffic.

Sikagard® Natural Look Sealer

Water Repellent Sealer



Applications

- Used as a water repellent sealer on concrete, masonry, mortar, brick and stone.
- Used to penetrate the surface to form a seal against the elements such as water and chlorides, which can cause freeze thaw damage to the surface.

Advantages

- Will not change the surface appearance.
- Improves resistance to dirt and reduces the growth of fungi and moss.
- Great for vertical and horizontal applications.



Packaging

1 gal. jug

How To Use

- 1 Ensure that all surfaces are clean and sound. Remove all dust, dirt, loose concrete, grease, curing compounds, paint and other particles
- 2 Brush, roll or spray over entire area moving in one direction. Recommended application temperatures 45 F – 95 F (5 C – 35 C).

Sikagard® Heavy Duty Clean & Etch

Surface Clean & Etch



Applications

- Used for heavy duty cleaning and etching of concrete and masonry before applying a paint, coating, stain or sealer.

Advantages

- Removes old cure and seal compounds, form release agents, oil, grease, soot, dirt, efflorescence and laitance.



Packaging

1 gal. jug

How To Use

- 1 Dilute in a plastic container using 1 part Sikagard to 3 parts water. Pour Sikagard into the water, not the other way around. Mix while you add the Sikagard to the water with a paint stirrer.
- 2 Sweep loose debris from concrete and dampen the surface with water.
- 3 Can be applied with a plastic hand pump tank type sprayer, plastic sprinkling can, or plastic pail/acid resistant brush. Always use chemical resistant gloves/goggles/clothing when handling product. Apply solutions in 10' x 10' sections so that a uniform solution covers the area. Let solution stand for 5 minutes and then scrub with a broom or bristle brush until bubbling stops.
- 4 Rinse area with water and scrub while rinsing three times. You can walk or drive on it as soon as it is rinsed and the product is gone.

Sika® Latex R

Fortifier Admixture



Applications

- A bonding agent that can be used as a primer or an additive for concrete.

Advantages

- Increases adhesive strength to all concrete, stucco, mortar and sand mixes.
- Increases PSI, resistance to freeze/thaw durability and bond strength when used as an admixture.



Packaging

1 gal. jug

How To Use

- 1 **Concrete/Mortar:** Remove all deteriorated concrete, dirt, oil, grease, and all bond-inhibiting materials from surface. Be sure repair is not less than 1/8 inch in depth. Preparation work should be done by high pressure water blast, scabblor, or other appropriate mechanical means to obtain an aggregate-fractured surface with a minimum surface profile of 1/16 inch. Saturate surface with clean water. Substrate should be saturated surface dry (SSD) with no standing water during application.
- 2 **As admixture/mixing solution:** With mixer running, add materials in the following order: SikaLatex R solution, aggregate, cement, or SikaRepair. Add more SikaLatex R solution if required. **As a bonding agent:** Add 1 part cement, 2 parts sand, and a sufficient amount of undiluted SikaLatex R to produce a creamy paint consistency. Maximum 4 gals./sack of cement. **As a primer:** No dilution is required. Use as is.
- 3 **Bonding Agent:** Brush grout into area to be resurfaced with stiff-bristled broom or scrub brush. Be sure entire surface and all edges are coated. Apply topping immediately over scrub coat before the bonding slurry dries. **Admixture:** Immediately trowel SikaLatex R mortar or concrete mixes into areas to be patched. Do not over-finish. As soon as finish will resist damage, cure with damp burlap and/or white pigmented polyethylene film. Curing should continue for 24 hours. Pre-testing is recommended when adding SikaLatex R to a specific mix design to assure the results required. **Primer (for acrylic coatings only):** Apply undiluted SikaLatex R to prepared concrete substrate using brushes, rollers, soft brooms, or spray. SikaLatex R must be tack-free (film formation) prior to coating. Estimated coverage on a CSP-3 prepared surface is 300 sq. ft./gal. SikaLatex R primer may be applied up to 24 hours ahead providing the area is kept dry and clean. Very porous concrete may require a second coat of SikaLatex R to seal the surface.

Consult most current Product Data Sheet prior to any use at www.sikaconstruction.com.