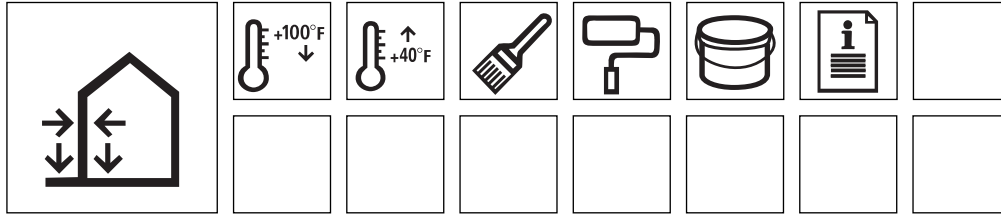


StoPrep™ Concrete Etcher

CR6012

CR6012 StoPrep Concrete Etcher



Features	Benefits
1 Water-based	Water-based, Non Flammable
2 Non-toxic	Contains no TAP's or HAP's (Toxic/Hazardous Air Pollutants)
3 Easy clean up	Easy clean up with soap and water or denatured alcohol
4 Ozone Friendly	Non-ozone depleting/Low odor
5 Easy to use	Easily applied by brush or roller
6 VOC Compliant	Meets South Coast Air Quality Management District (SCAQMD) requirements

StoPrep Concrete Etcher is a concrete etch compound specially designed to provide a surface profile on green and mature concrete. The depth of the etching achieved with this product is the same as hydrochloric or muriatic acid with 80% less odor, with a more uniform etch than liquid etch materials. Safer for use than hydrochloric or muriatic acid, the residue is easily removed by rinsing with water. The gelled form of StoPrep Concrete Etcher provides easier neutralization and rinsing than liquid products since it does not highly penetrate into the concrete. Conforms to ASTM D4260-05 "Standard Practice for Liquid and Gelled Acid Etching of Concrete".

Coverage

200-300 ft²/gallon (4.9 - 7.4 m²/L)

Packaging

1 gal. (3.8 L).
5 gal. (19 L).

Shelf Life

24 months, if properly stored and sealed.

Storage

Store in a dry, well ventilated area. Protect from extreme heat (> 85°F [29°C]), freezing and direct sunlight.

VOC (g/L) - 0*

*Less water and exempt solvents.

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Surface Preparation

Ensure that all adjacent surfaces are suitably protected. Ensure that all areas to be etched are clean, dry and free of oil and grease. Pre-wet or protect all areas not to be etched which may come in contact with product or rinse water.

Test Area: Always prepare a test patch prior to full application. This will indicate the time required for project completion and suitability of product for substrate.

Mixing

DO NOT SHAKE. DO NOT DILUTE.

Application

Apply a thick, even layer of StoPrep Concrete Etcher, usually 10-30 mils, as determined from your test patch, by brush or 3/8" - 1/2" (9-13 mm) roller and fully cover the concrete surface. Decorative stippled rollers work best. Allow 10-15 minutes contact time, then agitate with stiff broom, nylon brush, or back roll surface, to introduce unreacted StoPrep Concrete Etcher to the surface. Allow an additional 10-15 minutes contact time. Additional backrolling will increase the depth of the etch. Pressure wash or rinse with water while scrubbing with a stiff brush to neutralize and expose etched concrete surface. Pressure washing is the best method of removal.

Dwell Time: The time required to etch concrete depends on the type and age of the concrete. Most concrete will be etched within 30-40 minutes. Rinse the product off as soon as an adequate etch has been achieved. Longer contact times and additional agitation may be required for removal of sealers. Additional applications and contact time may be required for high strength concrete.

Limitations

- Surface and ambient temperatures should be at 40°F to 100°F (4-37°C). StoPrep Concrete Etcher performs effectively at lower temperatures, but the dwell time must be increased.

Recoating: As with any etching compound, it is advisable to check the pH of the substrate before recoating to ensure that it is compatible with the new coating system to be applied. After sufficient drying time, ensure that the surface is sufficiently dry and dust free prior to recoating.

Removal: For small areas, wiping with a dry cotton cloth, followed by a warm or soapy water and a stiff bristled brush to remove residue. For larger surfaces, the majority of the removal can be accomplished by using nylon stiff bristled brushes, then washing the surface with running water through a regular hose. StoPrep Concrete Etcher can be removed with a mop, however low pressure rinse or mopping does not remove laitance or dust, and therefore scrubbing or dry vacuuming may be required to remove dust prior to recoating. For best results use a 1500-3000 PSI (10.3 - 20.1MPa) pressure washer. CAUTION: Avoid direct contact with exposed metal.

Health And Safety

Health Precautions

Product is water-based. Prevent all skin/eye/ clothing contact and breathing of vapors/spray/mist. As with all chemical products handle with care. If you scrape, sand, or remove old paint, you may release lead dust or fumes. Lead is toxic, exposure to lead dust or fumes can cause serious illness.

Safety Precautions

Proper safety procedures should be followed at all times while handling this product. Wear rubber gloves and safety goggles. Refer to the Material Safety Data Sheet for important health/safety information before use.

First Aid

SWALLOWED: Gently wipe or rinse the inside of the mouth with water. Water may be given, if person is alert. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. Get medical attention immediately.
SKIN Contact: Wash immediately with soap and water. If skin reddening, rash or irritation occurs, seek immediately medical attention.
EYE Contact: Flush immediately with running water while holding the eyes open. Seek medical attention immediately.
RESPIRATORY Problems: If respiratory irritation occurs go to fresh air, if continues, seek medical attention.
INGESTION: Contact medical help immediately. Untrained personnel should not attempt to administer first aid.
HYGIENE: Wash hand immediately after use. Wash exposed clothing before re-use.

Disposal

Dispose of in accordance with local, state or federal regulations.

Warning

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet for further health and safety information.

LIMITED WARRANTY

THIS PRODUCT IS SUBJECT TO A WRITTEN LIMITED WARRANTY WHICH CAN BE OBTAINED FREE OF CHARGE FROM: Sto Corp., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119.

ATTENTION

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.

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