

Concrete & Masonry Etch



ACR® Concrete & Masonry Etch is environmentally safe substitute for more dangerous acid etching products. ACR Concrete Etch provides a way to etch and open the surface of concrete, brick, block or stone materials. ACR Concrete & Masonry Etch is an organic acid based concrete cleaning and etching product that is 100% synthetic, environmentally safe and biodegradable. ACR Concrete & Masonry Etch is stronger and attacks hardened concrete more aggressively than traditional acids, including Hydrochloric (muriatic) and other dangerous acid blends.

ACR Concrete & Masonry Etch is specifically designed to prepare the surface of the concrete to accept and allow greater penetration of the TechCrete Waterproofing Agent, but can be used in many other applications. To determine if etching is required, place a drop of water on the concrete surface, if the water does not soak into the surface quickly, then etching may be required.

ACR Concrete & Masonry Etch is part of our environmentally safe system of cleaning products. ACR Concrete & Masonry Etch is non-regulated for transportation/handling, is non-toxic, non-fuming, and will not corrode or rust metals.

KEY BENEFITS

Effectively and immediately clean cement, limestone, and mortar, while neutralizing the caustic nature of cement!

TYPICAL APPLICATIONS

- Patios
- Walls
- Trucks
- Vehicles
- Precast Panels
- Tiled Areas (no terra-cotta or glass-glazed)
- Car-parks
- Wharf Decks
- Marine Structures
- Specialty Applications
- Tiled Shower Recesses

PERFORMANCE CHARACTERISTICS

- Removes Concrete
- Non-D.O.T. Regulated
- One-step Process
- OSHA & EPA Compliant
- Safe on Glass and Chrome
- Non-corrosive & Non-fuming
- 100% Biodegradable
- Safe on Skin
- Removes Mineral Stains
- Triple Zero Hazardous Material Index Score

PRODUCT PROPERTIES

- Appearance: Clear Liquid
- Specific Gravity: ± 1.05
- Total Salinity: $\pm 14\%$
- Odor: Slight Odor
- Freezing Point: $\pm 14^{\circ}\text{F}$ ($\pm 10^{\circ}\text{C}$)
- Boiling Point: $\pm 210^{\circ}\text{F}$ ($\pm 100^{\circ}\text{C}$)
- pH: < 0.5
- Solubility: 100% in water

APPLICATION

1. ACR Concrete & Masonry Etch is a ready to use product. Using a pump style sprayer, apply the product to the surface of the concrete. The product should be applied at a rate of approximately 1 gallon per 500 square feet.
2. For best results, product should be applied when the temperature is greater 50°F (10°C).
3. Allow product to remain on the surface for 5-10 minutes or longer if possible. Product will not over-react.
4. Ideally allow product to dry in place and then either vacuum or sweep residue. The product may also be rinsed using fresh water.

NOTE: TechCrete warranted applications require the use of this product or one of the many ACR products. Chemical cleaning may require multiple applications and the use of different products to achieve complete cleaning. Certain types of cleaning equipment may improve performance and speed of application. When applying chemical cleaners, contact the Technical Department for a list of approved equipment and cleaning methods.

Other ACR products that may be utilized for surface preparation on warranted applications;

- ACR Concrete & Masonry Cleaner
- ACR Emulsifying Cleaner
- ACR Paint & Stain Remover
- ACR Rust Converter & Inhibitor

Contact the Technical Department for help and directions for which cleaning product will provide the best option for a clean surface.

PACKAGING

ACR Concrete & Masonry Etch is supplied in the following sizes;

5 gallon Pails	(18.92 liters)
55 gallon drums	(208.2 liters)

SHELF LIFE & STORAGE

Containers should be sealed and kept in a cool dry location. Avoid prolonged exposure to direct sunlight. If properly maintained this product has a shelf life of one (1) year.

WARRANTY & SYSTEMS

The following warranties require the use of **ACR Concrete & Masonry Etch** or one of the approved cleaning products or methods, and are only available through **TechCrete Certified Applicators**;

- New & Existing Construction: **TechCrete EMERALD 15-Year Limited Liability Material & Labor Warranty.**

The following warranties are available when using **ACR Concrete & Masonry Etch**;

- New & Existing Construction: **ACR 20-Year Limited Liability Material Warranty.** This warranty requires that the project be registered with Alchemco.

For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco's Technical Department at info@alchemco.com or call 800-610-2895.

WARNINGS



DANGER! EYE PROTECTION REQUIRED!

Product may be harmful if swallowed. Wash hands, face and any exposed skin thoroughly after handling. Considered corrosive to eyes, eye protection is required. Keep container tightly closed. Do not eat, drink or smoke when using this product.

IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician. Rinse mouth.

See Safety Data Sheet for further details regarding safe use of this product. Alchemco, 3532 Mayland Ct., Henrico, VA 23233 800-610-2895.



WARRANTY DISCLAIMER

Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.