

Eco Etch

Technical Data Sheet

Concrete Floor Etching Compound

ECO ETCH is a surface preparation cleaner and etching chemistry that is powered by our patented ingredient known as Syntech®. It is specially formulated to create a profile in the pores of a concrete surface thus allowing coatings to penetrate and properly adhere to the floor. Our synthetic acid alternative to muriatic acid creates the same profile but without the dangerous chemicals, harsh odors and need to neutralize after etching. Simply flush with clean water and allow concrete to dry and apply coatings.

ECO ETCH ships non-hazardous, non-corrosive and is non-regulated per the US DOT.

FEATURES AND BENEFITS:

Prepares unsealed concrete floors for concrete coatings and stain

Covers up to 500 sq. ft. per gal.

Creates maximum adhesion of coatings, paints and stains

Formulated with increased cleaning properties

For use on bare concrete: garage floors, basements, driveways, carports, patios, walkway and pool decks to create a concrete profile prior to coating

For use with all concrete coatings

Removes efflorescence and residue that could impact adhesion

Formula free of odors, dangerous chemicals, non-fuming

No neutralization chemicals are required; only a simple water rinse

Safe around vegetation

For interior and exterior use, easy to apply

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color Clear to colorless liquid

Initial Freeze Point 10°F

Odor Mild detergent odor

Solubility in Water 100%

Shelf Life 2-3 years

Flashpoint >200°F

Specific Gravity 1.08 ± .02

DIRECTIONS FOR USE:

MIXING

Slowly add one gallon of ECO ETCH to one gallon of water in a mixing bucket. (Mixing Ratio 1:1)

APPLICATION

Work the floor in small 10x10 foot sections pouring the mixed solution out evenly over the surface. Scrub the solution around with a stiff bristle broom or by using abrasive bristle brushes from an auto scrubber and double scrubbing the area. Do not use the auto scrubber vacuum to pick-up the fluid. The etching solution will begin to fizz for a few seconds while being scrubbed. When the fizzing stops, rinse off the solution with clean water and move to the next section. Recover the solution. The solution should not be allowed to dry on the surface. Mist water on the surface as necessary to keep the surface wet until ready to rinse. When all sections are completed, rinse 3 times with clean water and scrub with a stiff bristle broom or auto scrubber while rinsing. This will ensure that no solution remains on the surface. A squeegee will aid in the removal of excess water. The surface should feel rough like sandpaper and water should be easily absorbed into the concrete. Allow the surface to dry completely before applying any coatings, paints, stains or sealers.

COVERAGE

Two gallons of mixed etching solution will cover up to 500 square feet.

DRY TIME

Allow surface 24 hours to dry before staining, sealing or coating.

STORAGE AND HANDLING OF ECO ETCH:

Rinse empty container with water and discard as per federal, state and local guidelines. Wash tools and equipment with soap and water. Properly dispose of all soiled rags and keep all unused product from freezing.

PACKAGING:

Eco ETCH is packaged in 5 gallon to 275 gallon containers. Bulk quantities are available upon request.

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