

Eco-Etch PRO™ Concrete Etcher & Cleaner Product Data Sheet



Description

Eco-Etch™ PRO Concrete Etcher and Cleaner is used to safely acid etch concrete while deep cleaning concrete and other compatible cementitious surfaces to achieve best practices when applying stains, coatings, paints, and sealers. The deep cleaning action of our non fuming, non-burning organic acid removes efflorescence, light rust, and ground in contaminants as it opens up the pores to enable optimum penetration and bonding of the final finish. Proper surface preparation adds significant longevity and durability to your decorative finish.

Derived from renewable resources our organic acid is a concentrated, safe alternative to muriatic acid, citric, and phosphoric acid products used to etch concrete surfaces. It is also an efflorescence remover, calcium descaler, and grout cleaner. Unlike commonly used acids, Eco-Etch™ will not burn skin, lungs, corrode mild steel, or harm vegetation when neutralized, yet it has a perfect acidic pH < 1 to chemically react and etch concrete surfaces. Another differentiating feature of our safe acid is that it is infused with special cleaning agents that simultaneously deep cleans while etching to create a “like new” concrete appearance. The solution is typically left to dwell for approximately 5 to 15 minutes, followed by aggressive brushing, then is simply neutralized with water.

Intended Uses

For newly cured, old unsealed concrete, or masonry surfaces. Remove all sealers, curing compounds and other materials that prohibits direct contact with the calcium and lime in concrete. It may be used as a profile enhancement when grinding dense concrete and it mitigates dusting while lubricating resin pads.

**Etching Concrete • PreCast Etching • Efflorescence Cleaner
Brick Paver Cleaner • Grout Cleaner • Masonry Block Cleaner
Calcium Remover • Mortar Residue Cleaner • Concrete Remover**

LIMITATIONS: Do not apply on sealed surfaces or when surface temperatures are below 45° F or if the surface is saturated with water.

Performance Features

- No Chemical Skin Burns
- Won't React to Mild Metals
- Won't Harm Vegetation
- No Hazmat Disposal
- Fast Profile Up to CSP-1
- Grinding Dust Mitigation
- Dilutable for Light Cleaning
- Soap & Water Cleanup

Green Building & Sustainability Features

- Zero VOC Emissions
- LEED v4 Transparency Report
- HPD Transparency Report
- Renewable Resource Content
- 100% Biodegradable
- Produced in AZ, USA
- No Red List Chemicals
- Green Cleaning

Technical Product Information

APPLICATION TOOLS & EQUIPMENT:

Protection: Gloves, safety glasses, shoe covers, plastic sheeting, rags, etc.

Manual Applicator Choices: High Quality 45-90 psi pump sprayer, hard bristle broom or deck brush.

Mechanical Equipment: Floor Machine with Black Pad, 36-60 grit sanding disc.

NEUTRALIZATION: Water rinse.

OUR INGREDIENTS & SUPPLY CHAIN PROCESS: A Commitment to Sustainable Chemistry.

ESP evaluates and screens every raw material using a third party service partner comparing ingredients against the most current GreenScreen® and Red List Chemical databases prior to launching any R & D product development project. Additionally, every supplier agrees to participate in our full ingredient transparency program to ensure every ingredient they use in their material down to a minimum of 1,000 ppm, can be screened, then submitted for a LEED v4, Health Product Declaration (HPD), and other “Green Building” program reports.

TECHNICAL DATA:

Chemical Type:	Organic Salt Mixture
pH:	< 1
Typical Coverage:	150 - 200 Square Feet Per Gallon (The coverage rate will vary depending on surface texture, porosity, and the volume of the material applied.)
Dwell Time:	5 - 15 Minutes
Installation Temperature: (Ambient & Surface Temp.)	45° F - 95° F < 80% Humidity
Odor:	Mild, Non-fuming
Biodegradable:	Yes
Bio-Based Content:	< 20%
VOC Content:	0 Grams/Liter

For Technical Assistance:
Contact your retailer or call
(602) 305-9397

**Store at room temperature. Keep
from freezing or extreme heat.**



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