



POWERETCH

ETCHES & CLEANS CONCRETE

PowerEtch is a professional-grade, non-acid concrete etcher that safely cleans and prepares bare concrete surfaces. It improves the adhesion of epoxies, coatings, paints, and stains, while increasing surface porosity to boost the performance of penetrating sealers. PowerEtch also neutralizes new concrete and removes surface contaminants such as salts, efflorescence, and rust stains.

Uses

PowerEtch is suitable for use on both interior and exterior concrete and masonry surfaces, including garage floors, basement slabs, carports, sidewalks, patios, pool decks, and slab-on-grade construction. Ideal for residential, commercial, and industrial applications where proper surface preparation is essential for coatings, stains, or sealers.

Limitations

Not intended for use on painted or existing sealed concrete surfaces. May cause discoloration on integrally colored or stained concrete. Always test in an inconspicuous area before full application.

Applicator

Apply using a plastic watering can or a standard handheld pump-up sprayer equipped with a fan-tip nozzle (commonly referred to as a garden or bug sprayer).



Coverage

Poured Concrete: 250 sq. ft. per gallon

Surface Preparation

Surfaces must be clean, dry, and free of excessive dirt, oil, grease stains, paint, or any previously applied sealers that could hinder proper surface etching. For best results, use RadonSeal® Universal Concrete Cleaner & Degreaser to effectively remove oil and grease residues. Remove loose debris and dust from the surface by sweeping or blowing thoroughly.

Mask or protect adjacent surfaces and objects not intended for treatment. If nearby vegetation may come into contact with the product, pre-wet plants and surrounding areas with water.

Conditions

The substrate should be dry prior to application. Surfaces may require several days to dry after heavy rain or pressure washing. Ambient air and surface temperatures should be between 45°F and 90°F during application. Avoid applying to hot surfaces in direct sunlight, or in conditions of strong wind or high humidity. New concrete should be allowed to cure for a minimum of 28 days.

Spot Test

Apply the product to a small test area to determine suitability. Testing should be conducted in accordance with the instructions. Treated surfaces should exhibit a noticeable increase in porosity and feel similar to 150-grit sandpaper.

Instruction

1. Pour the product into a hand-pump garden sprayer (preferred) or a plastic watering can.
2. Working in small sections (e.g., 10 ft x 10 ft), evenly apply PowerEtch to the surface.
3. Scrub the area using a push broom or deck brush; the product should foam or fizz during this process.
4. Allow the product to dwell for 5–10 minutes, but do not let it dry. Rinse thoroughly with clean water before moving on to the next section.
5. Once all surfaces have been treated, rinse the area three times with clean water. If multiple water rinses are not practical, neutralize the surface by rinsing with an alkaline solution (such as TSP or a mixture of baking soda and water), followed by a light water rinse.

Note: For overly smooth areas of the concrete, a second application may be necessary to achieve the desired level of etching.

Clean-Up & Information

Clean Up: Rinse tools and equipment thoroughly with clean water immediately after use. Soap and warm water may also be used. Rinse any cleaning rags thoroughly with clean water, allow them to dry completely, and dispose of them properly. Dispose of unused material and empty containers in accordance with local regulations.

Drying: Allow the concrete to dry completely (typically 1–2 days) before applying a sealer, coating, or installing flooring.

Storage: Store in a dry location out of direct sunlight. Do not store at temperatures above 100 °F. Avoid freezing.

Safety

CAUTION! DO NOT TAKE INTERNALLY. MAY CAUSE SKIN AND EYE IRRITATION. TAKE MEASURES TO PREVENT CONTACT WITH SKIN AND EYES. CONTAINS UREA MONOHYDROCHLORIDE.

FIRST AID: EYE CONTACT: Flush with water for at least 15 minutes. **SKIN CONTACT:** Wash thoroughly with soap and water. **INGESTION:** If swallowed, do not induce vomiting. Seek medical attention. In all cases if symptoms persist, seek medical attention.



If you have detailed questions about your application or project please visit RadonSeal.com or contact a RadonSeal customer service representative for expert advice.

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