

CITRUSETCH™ CONCENTRATE

TECHNICAL DATA SHEET



DESCRIPTION

CitrusEtch™ is a premium concrete etcher designed to expertly open the pores of concrete surfaces. This ensures optimal penetration of coatings, facilitating a strong and durable bond. Trust CitrusEtch™ for a seamless and lasting finish on all your concrete projects.

PACKAGING

- 3-Ounce Packet - Yields 1 quart of solution.
- 10-Ounce Packet - Yields 1 gallon of solution.
- 50-Ounce Packet - Yields 5 gallons of solution.

PRODUCT DILUTION

CitrusEtch™ must be diluted with water before application. The dilution rate varies by packet size:

- **3oz Packet:** Mix with 1qt (0.95L) water.
- **10oz Packet:** Mix with 1gal (3.79L) water.
- **50oz Packet:** Mix with 5gal (18.93L) water.

APPLICATION

SURFACE PREPARATION:

- **Cleaning:** Ensure the concrete surface is free of oil, grease, contaminants, sealers, and curing compounds. A clean surface is critical for effective etching.
- **Pre-Test:** Conduct a small area test to determine the appropriate concentration and dwell time, typically 15-20 minutes, adjusting for specific surface conditions.

ETCHING SOLUTION APPLICATION:

- **Sprayer Setup:** Remove filters from an all-plastic pump-up sprayer and fill with the CitrusEtch™ solution at the specified dilution rate.
- **Application:** Apply the solution evenly across the surface, avoiding pooling and ensuring the surface does not dry during the application. Maintain the solution on the surface for a dwell time of 15 minutes.

IMPORTANT: Wear spiked shoes to prevent shoe print etched into concrete.

NEUTRALIZATION AND CLEANUP:

- **Neutralization:** Post-etching, prepare and apply ProClean Neutralizer™ using a similar sprayer setup. Ensure even coverage and maintain wetness for 15 minutes.
- **Scrubbing:** Manually scrub the treated area or use a low-speed floor buffer with a brush attachment for residue removal.
- **Residue Removal:** Employ a wet-dry vacuum for optimal residue removal. A cotton mop is an alternative but less effective.
- **Rinsing:** Thoroughly rinse the surface multiple times to remove any lingering solution, preventing white powdery residue, which could hinder the adhesion of future coatings.
- **Texture Check:** After you neutralize and rinse, the right surface should feel a bit rough, like very fine sandpaper. If it still feels smooth, doesn't soak up water in 3 to 5 minutes, or if it seems rough only because of a powdery coating, you need to do the etching, neutralizing, and rinsing steps again.

COVERAGE

A standard mixture of CitrusEtch™ (10 ounces per gallon of water) covers about 200 square feet (18.58 m²). Coverage rates may vary depending on surface porosity, texture, age, condition of the concrete, application method, and environmental conditions.

SUITABILITY SAMPLE

Given the unique characteristics of each application site, it is imperative to conduct comprehensive suitability testing. Prior to full-scale application, prepare a sufficient number of test areas to assess the compatibility and performance of CitrusEtch™ under site-specific conditions.

SAFETY & PRECAUTIONS

CAUTION: EYE IRRITANT. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. KEEP OUT OF REACH OF CHILDREN. Wear safety glasses and chemical resistant gloves.

Contains: Citric acid.

FIRST AID TREATMENT: If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. If breathed in, move person into fresh air.

DISPOSAL

For the disposal of any unused product, please refer to your local environmental or hazardous waste management authority to ensure compliance with local regulations.

SHELF LIFE AND STORAGE

Store CitrusEtch™ in a cool, dry place. If unopened and stored properly, its shelf life is approximately 3 years. Avoid extreme conditions.

TECHNICAL DATA

Refer to the corresponding Safety Data Sheet (SDS) for hazard related information.

Physical State	Solid
Color	White
Odor	Mild
Solubility	59.2%
pH	1.7 @ 10% Solution
Specific Gravity	1.665
Melting / Freeze Point	153 - 159 °C (307 - 318 °F) - lit.

WARRANTY

CitrusEtch™, a proprietary product, is guaranteed to maintain uniform quality within the bounds of manufacturing tolerances. However, as we have no control over its application, no explicit or implied warranty is provided concerning the effects of such use. In the event of a proven defect, our liability is strictly limited to refunding the purchase price of the defective material. The user is responsible for all other risks and liabilities that may arise from the use of this product. For any inquiries, please reach out to Direct Colors customer service.

SAFETY DATA SHEET

Scan QR code for complete Safety Data Sheet



MANUFACTURERS SKU & UPC

3 Ounce	DC-FPT-1QT	UPC 810141969650
10 Ounce	DC-FPT-1GAL	UPC 810141969643
50 Ounce	DC-FPT-5GAL	UPC 810141969667

TECHNICAL SERVICE & SUPPORT

Direct Colors offers comprehensive technical assistance and consulting services. Our expertise includes product selection guidance, specification details, troubleshooting support, and advice on the effective repair and protection of concrete surfaces. We are committed to providing tailored solutions to meet your specific project needs.