

Enviro Klean® SafEtch Cleaning Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use manufacturer's application instructions. Let the test panel dry 3 to 7 days before inspection. Keep test panels available for comparison throughout the cleaning project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufacturer: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

Product Description

Enviro Klean® SafEtch® is an effective, safe alternative to acidic compounds for cleaning and preparing textured concrete surfaces for clear or pigmented coatings. SafEtch® rids textured concrete of excess mortar, embedded oil, grease, efflorescence and dirt, and is ideal for projects where traditional acidic cleaners are not allowed. Non-fuming SafEtch® contains no hydrochloric or other traditional inorganic acids and is safe for use on and around most metal surfaces. Additionally, it is up to 70 percent more effective than citric and glycolic acids, and 50 percent more effective than phosphoric acid.

Typical Technical Data

FORM: Clear purple liquid
SPECIFIC GRAVITY: 1.110
pH: less than 1.0 at 1:3 dilution
WEIGHT/GALLON: 9.24 pounds
ACTIVE CONTENT: not applicable
TOTAL SOLIDS: not applicable
VOC CONTENT: not applicable
FLASH POINT: greater than 200 degrees Fahrenheit (greater than 93 degrees Celsius)
FREEZE POINT: -22 degrees Fahrenheit (-30 degrees Celsius)
SHELF LIFE: 3 years in tightly sealed, unopened container

Limitations

- Not suitable for polished or unpolished marble, limestone or travertine.
- Can cause discoloration and corrosion on certain types of metals. ALWAYS TEST.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for application instructions.

SafEtch may be diluted with up to three parts clean water. Always pour water into empty bucket first, then carefully add concentrate. Refer to test panel results for recommended dilution for intended use.

Exterior Surfaces

1. Working from the bottom to the top, use clean water to thoroughly prewet surface to be cleaned.
2. Apply SafEtch[®] liberally using low-pressure spray (50 psi max), roller or densely filled (tampico) masonry washing brush. Do not apply with high-pressure spray. Do not atomize.
3. Let the cleaning solution dwell 3 to 5 minutes. Reapply. Light scrubbing of the surface improves cleaning results especially where high pressure rinsing equipment is not available. Do not let cleaning solution "dry into" the concrete. If solution starts to dry, reapply.
4. Rinse with clean water from the bottom to the top, covering each section of the surface with a concentrated stream of water.

SPECIFIER NOTE: The best combination of rinsing pressure and water volume is provided by masonry washing equipment generating 400 to 1000 psi with a water flow rate of 6 to 8 gallons per minute delivered through a 15 to 45 degree fan spray tip.

SPECIFIER NOTE: Equipment should be adjustable to reduce water flow rate and rinsing pressure as required for controlled cleaning of more sensitive surfaces. See also "Equipment" section of the Product Data Sheet.

Interior Surfaces

Property ventilation is necessary. Follow the exterior application procedures. If pressure rinsing is not possible, use a sponge or soft-fibered brush to rinse thoroughly with clean water.

Cleanup: clean tools and equipment with fresh water.