Sure Klean® Heavy Duty Concrete Cleaner 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 SDS 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

Sure Klean® Heavy Duty Concrete Cleaner is formulated to remove concrete splashes, excess mortar, retarders, heavy efflorescence, embedded stains, rust and surface soiling from textured concrete surfaces. The acidic cleaner improves the color and uniformity of most standard concrete, colored concrete, precast panel and concrete block surfaces. When used in strong solutions, Heavy Duty Concrete Cleaner will etch concrete. It can be used for additional aggregate exposure and is ideal for “weathering” architectural concrete.

# Typical Technical Data

FORM: Clear liquid, slight amber color; pungent odor

SPECIFIC GRAVITY: 1.14

pH: 0.76 at 1:2 dilution: 0.76 at 1:8 dilution

WEIGHT PER GALLON: 9.47 pounds

FREEZE POINT: less than -22 degrees Fahrenheit (less than -30 degrees Celsius)

SHELF LIFE: 3 years in tightly sealed, unopened container

# Limitations

* Not for use on polished surfaces.
* Will not correct damage caused by improper cleaning.
* May etch smooth concrete surfaces. Use Sure Klean® Light Duty Concrete Cleaner where no etch is desired.
* For colored concrete block, Sure Klean® Custom Masonry Cleaner may be a more appropriate product.
* May damage exposed low-E glass treatments; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings and films. Modern soft coat or hard coat low-E glass is not intended to be on the external face of the glass and should not be exposed to or adversely affected by proper cleaning. Always test for adverse effects prior to overall application. If testing is not feasible or indicates adverse effects, such substrates must be protected.

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 Heavy Duty Concrete Cleaner. Dilute Heavy Duty Concrete Cleaner with 2 to 8 parts clean water to one part concentrate, based on test results. Refer to Product Data Sheet and test area results for recommended dilution for intended use.

SPECIFIER NOTE: multiple applications may etch sensitive surfaces.

1. Working from bottom to top, prewet surface with fresh water. On vertical surfaces, keep lower areas wet to avoid streaks.
2. Apply diluted cleaning solution to surface with recommended masonry brush or low-pressure spray.
3. Let the cleaner stay on the surface 2 to 3 minutes or until stains are gone. Do not allow clean to dry into the surface. If surface begins to dry, reapply cleaner.
4. Reapply cleaner and scrub or scrape surface using wood blocks or other nonmetallic scraping devices.
5. Working from bottom top, rinse thoroughly with fresh water to remove all residue from the surface. 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. 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.

# Cleanup

Clean tools and equipment using fresh water.