Sure Klean® Limestone Restorer 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® Limestone Restorer is a concentrated acidic cleaner for unpolished limestone, concrete and cast stone surfaces. Safely removes atmospheric dirt, mildew and many other surface stains without risk of bleaching or discoloration. Ideal for lightly to moderately soiled surfaces.

Limestone Restorer is safer and easier to use than conventional acidic or abrasive cleaning systems. Contains no hydrofluoric acid. Use in combination with pressure water rinsing.

# Typical Technical Data

FORM: Clear, slight amber liquid

SPECIFIC GRAVITY: 1.14

TOTAL SOLIDS: N/A

pH: 0.18 at 1 to 6 dilution

WEIGHT/GALLON: 9.47 pounds

FREEZE POINT: less than -22 degrees F (less than -30 degrees C)

SHELF LIFE: 3 years in tightly sealed, unopened container

# Limitations

* Not for use on polished granite, limestone, marble or travertine.
* May etch smooth, acid-sensitive surfaces.
* On fired clay brick and pavers that are prone to metallic staining, Sure Klean® Restoration Cleaner or Light Duty Restoration Cleaner may be more suitable.
* Not for removal of heavy carbon staining. Use Sure Klean® 766 Limestone and Masonry Prewash.
* 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 Limestone Restorer. Dilute Limestone Restorer concentrate with 2-6 parts water. Refer to test area results for recommended dilution for intended use.

1. Prewet the surface with clean water.
2. Apply the diluted cleaning solution liberally to the masonry surface using low-pressure spray (50 psi max), roller or brush.
3. Let the cleaning solution dwell 3-5 minutes. Reapply. Light agitation improves cleaning results.
4. Rinse the treated area thoroughly using pressure water equipment or a garden hose with nozzle adjusted to a tight stream. Rinse from the bottom of the treated area to the top, covering each section with a concentrated stream of water.

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