

# Light Duty Restoration Cleaner

dense masonry & glass cleaner

## DESCRIPTION AND USE

Sure Klean® Light Duty Restoration Cleaner removes tough atmospheric soiling and subsurface staining, while minimizing potential for damage to delicate masonry and adjacent substrates. Removes difficult calcium (concrete) stains, white scum and other staining from most window glass.

Sure Klean® Light Duty Restoration Cleaner combines exceptionally low acid concentrations with a revolutionary blend of non acidic cleaners, surface wetting agents and inhibitors. This produces a highly efficient, gelled cleaner which is easily controlled and much safer for the building, the applicator and the environment.

## ADVANTAGES

- Highly efficient restoration cleaner for most dense masonry surfaces.
- Reduced potential for damage to adjacent or surrounding surfaces.
- Safer and less corrosive than conventional restoration cleaners based on hydrofluoric acid or ammonium bi-fluoride.
- Very low odor.

**Light Duty Restoration Cleaner is recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon of concentrate.**

Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	yes	75-100 sq.ft. 7-9 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete	Brick	yes	50-125 sq.ft. 5-12 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick	yes	75-150 sq.ft. 7-14 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone	Polished	no	NA
	Unpolished	yes	75-150 sq.ft. 7-14 sq.m.
Granite	Polished*	yes	150-175 sq.ft. 14-16 sq.m.
	Unpolished	yes	100-150 sq.ft. 9-14 sq.m.
Sandstone	Unpolished	yes	75-125 sq.ft. 7-12 sq.m.
Slate	Unpolished	yes	100-175 sq.ft. 9-16 sq.m.

\*May damage some glass, metal and polished masonry. See "Limitations."  
Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

- Restores clarity of most common flush window glass streaked and damaged by pollution and water rundown from adjacent building materials. Always test to ensure desired results.

## Limitations

- Mildly acidic. Not for polished marble or polished travertine.
- May damage some nonmasonry surfaces.
- May have limited effect on highly porous surfaces. Contact PROSOCO Customer Care for product recommendation.
- Not intended for regular maintenance cleaning of glass.
- Not for use on treated low-E glass; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings and films.

## TYPICAL TECHNICAL DATA

FORM: Clear, gelled liquid

SPECIFIC GRAVITY: 1.12

pH\*: 1.5-2.0

WT/GAL: 9.34 lbs.

ACTIVE CONTENT: NA

TOTAL SOLIDS: NA

FLASH POINT: NA

FREEZE POINT: 5°F (-15°C)

SHELF LIFE: 1 year in tightly sealed, unopened container

\*The concentrated product's pH of 1.5 - 2.0 is comparable to that of common citrus fruits such as lemons and limes. The fluoride content is below that found in many prescription toothpastes.

## Note To Specifiers – Regarding pH of Cleaning Effluent

When applied to building surfaces, a reaction between Sure Klean® Light Duty Restoration Cleaner, surface soiling and rinse waters generally raises the pH of cleaning effluent to a near neutral state. Effluent generated on job sites employing Light Duty Restoration Cleaner typically measures within the range of pH 5-10. This falls within the acceptable range for discharge to most waste water treatment facilities. Always test to ensure effluent meets local standards for discharge.

## PREPARATION

Protect people, vehicles, property, plants, metal, all nonmasonry and acid-sensitive surfaces from contact with product, rinse residue, fumes and wind drift. Protect/divert auto and foot traffic. Clean when traffic is at a minimum.

## Surface and Air Temperatures

Cleaning when temperatures are below freezing or will be overnight may harm masonry. Best air and surface temperatures for cleaning: 40°F (4°C) or above. If freezing conditions have existed, let the masonry thaw before cleaning.

Application to surfaces exposed to direct sunlight or high winds may cause rapid drying. When possible, clean when surfaces are shaded from direct sunlight. Wet hot surfaces with fresh water immediately before applying cleaner to remove loose soiling and reduce surface temperature. Do not let cleaner dry on the surface. If drying occurs, lightly wet treated surfaces with fresh water and reapply the cleaner in a gentle scrubbing manner.

### Equipment

Apply with an acid-resistant brush or heavy nap roller. Do not atomize. Scrub heavily soiled surfaces with a nonabrasive brush or synthetic scrubbing pad.

Use only well-maintained staging and scaffolding that is equipped with steel cable. Use polypropylene ropes and safety lines. Use acid-resistant application equipment.

Masonry-washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute is the best water/pressure combination for rinsing porous masonry. Use a 15-45° fan spray tip. Heated water (150-180°F; 65-82°C) may improve cleaning efficiency. Use adjustable equipment for reducing water flow-rates and rinsing pressure as needed for sensitive surfaces.

Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow-rates less than 6 gallons per minute may reduce cleaning productivity and contribute to uneven cleaning results.

### Storage and Handling

Store in a cool, dry place with adequate ventilation. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45-100°F (7-38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

## APPLICATION

Before use, read “Preparation” and “Safety Information.”

**ALWAYS TEST** each type of surface and stain for cleaning effectiveness, before beginning full-scale cleaning operations. Test for surface contact time and adverse reactions with surface to be cleaned or nearby materials. Test using the following application instructions. Let test dry thoroughly before evaluating.

### Dilution

Do not dilute or alter or use for purposes other than specified. Use in concentrate. Stir or mix well before use.

### Application Instructions

#### Masonry

1. Working from bottom to top, prewet the surface with clean water.
2. Apply cleaner using a brush or roller. Gently scrub to improve results.

3. Let dwell for 5 to 15 minutes. Gently scrub heavily soiled areas. Do not let product dry on the surface. If drying occurs, lightly wet treated surfaces with fresh water. Reapply the cleaner in a gentle scrubbing manner.
4. Working from bottom to the top, rinse thoroughly with clean water.
5. Repeat steps 1 through 4 above if necessary.

#### Glass

1. Working from bottom to top, prewet the surface with clean water.
2. Apply cleaner in a gentle, circular scrubbing manner.
3. Let the cleaner dwell for 5 to 15 minutes. Gently scrub heavily soiled areas.
4. Working from bottom to top, rinse thoroughly with clean water.
5. To minimize water spotting, clean window glass using standard window cleaning products. If glass streaking is caused by leaching of salts from concrete, mortar, etc., help prevent further streaking by applying the appropriate Sure Klean® Weather Seal product to the masonry.

### Cleanup

Clean brushes and rollers using warm, soapy water.

## SAFETY INFORMATION

Sure Klean® Light Duty Restoration Cleaner is an acidic cleaning product with safety issues common to corrosive materials. Use appropriate safety equipment and job site controls during application and handling. Read the full label and MSDS for precautionary instructions before use.

### First Aid:

**Ingestion:** If conscious, give large amounts of milk or water and call a physician, emergency room or poison control center immediately. Do not induce vomiting.

**Eye Contact:** Rinse eyes and under lids thoroughly for 15 minutes. Get immediate medical assistance.

**Skin Contact:** Remove contaminated clothing and rinse thoroughly for 15 minutes. Apply 2.5% Calcium Gluconate gel if available. Get medical attention. Launder contaminated clothing before reuse.

**Inhalation:** Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

**24-Hour Emergency Information: INFOTRAC at 800-535-5053**

## WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects.

**Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

## **CUSTOMER CARE**

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at [www.prosoco.com](http://www.prosoco.com), for the name of the Sure Klean® representative in your area.