



Saf Restorer®

non-fuming restoration cleaner for masonry & stone

OVERVIEW

Enviro Klean® SafRestorer® breaks the grip of stubborn atmospheric and carbon staining on masonry and stone for easy rinsing away. It restores the intended appearance of buildings soiled by decades of auto exhaust and other air pollutants. Enviro Klean® SafRestorer® also gets rid of soiling and hard-to-remove deposits on window glass, including white scum.

Unlike many conventional restoration cleaners, low-odor, non-fuming SafRestorer is safe for use around most architectural metal. This highly efficient liquid restoration cleaner is suitable for a wide variety of stone and masonry, including unpolished limestone and marble.

SPECIFICATIONS

For all PROSOCO product specifications visit www.prosoco.com and click on "SpecBuilder" or "Solution Finder."

ADVANTAGES

- Fast and effective on most masonry surfaces.
- Safe for unpolished limestone and marble.
- Will not etch or discolor most glass, architectural metals or painted surfaces.
- Low-odor, non-fuming formulation.
- Contains no mineral acids.
- Effectively removes mud staining from clay brick surfaces.

Limitations

- May not be suitable for some polished stone and glazed surfaces.
- Repeated applications may damage glass and/or glazing. ALWAYS TEST for acceptable results before overall application.
- Not intended for routine maintenance glass cleaning.
- Do not use on treated low-E glass; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings or films.

REGULATORY COMPLIANCE

VOC Compliance

Enviro Klean® SafRestorer® is compliant with all national, state and district regulations.

TYPICAL TECHNICAL DATA

FORM	Clear, straw colored liquid with mild odor
SPECIFIC GRAVITY	1.11
pH	2.9
WT/GAL	9.15 lbs
ACTIVE CONTENT	Not applicable
TOTAL SOLIDS	Not applicable
VOC CONTENT	Not applicable
FLASH POINT	Not applicable
FREEZE POINT	28°F (-2°C)
SHELF LIFE	2 years in tightly sealed, unopened container

PREPARATION

Protect people, vehicles, property and all surfaces not designated to be cleaned from product, splash, wind drift, residue, and rinse water. Protect/divert auto traffic and foot traffic. Clean when traffic is at a minimum.

Limit contact of cleaner with metal window frames, particularly architectural aluminum. If contact occurs, rinse immediately. In most cases, limited contact will not harm metal.

Surface and Air Temperatures

To avoid harm to masonry, do not clean when temperatures are below freezing or will be overnight. Best cleaning results are obtained when air and masonry surface temperatures are 40°F (4°C) or above. If freezing conditions exist prior to application, let masonry thaw.

Equipment

Apply with an acid-resistant brush, heavy nap roller or low-pressure spray (50 psi max). Do not atomize. Scrub heavily soiled surfaces with a nonabrasive brush or synthetic scrubbing pad.

Rinse spent cleaner and dissolved contaminants from the wall with masonry-washing equipment generating 400–1000 psi with a water flow rate of 6–8 gallons per minute. 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.

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

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 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 dilution, coverage and effectiveness using the following application instructions before beginning full-scale cleaning operations. Let test dry thoroughly before evaluating.

Coverage Rates

Coverage varies based on porosity and texture. Always test.

- 150–400 sq.ft. (14–37 sq.m.) per gallon of undiluted cleaner

Dilution

Enviro Klean® SafRestorer® may be used in concentrate or diluted with up to three parts fresh water. Do not alter or use for purposes other than specified.

Application Instructions

Brick and Stone

1. Working from the bottom to the top, thoroughly prewet the surface with fresh water.
2. Apply the cleaning solution freely from the bottom of the work area to the top.

ALWAYS TEST

ALWAYS TEST a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

3. Let the cleaning solution stay on the wall 5–15 minutes. If the cleaner starts to dry, reapply.
4. Reapply the cleaning solution to heavily soiled areas. Scrub gently.
5. Working from the bottom to the top, thoroughly rinse treated surfaces with clean water. Make sure to flush all spent cleaner and dissolved soiling from the surface, surface pores and adjacent non masonry surfaces.

Glass

Working from the bottom to the top, thoroughly prewet the glass with fresh water. Apply in concentrate directly to window. Let cleaner dwell for no more than five minutes. Thoroughly rinse spent cleaner and dissolved contaminants off glass with lots of fresh water.

NOTE: Repeated applications may damage glass and/or glazing. **ALWAYS TEST** for acceptable results before overall application.

Cleanup

Clean equipment with fresh water.

SAFETY INFORMATION

Enviro Klean® SāfRestorer® is a concentrated, acidic cleaner with safety issues common to corrosive materials. This product may damage a variety of common construction 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

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

Company 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, for the name of the Enviro Klean® representative in your area.

BEST PRACTICES

Limit contact of cleaner with metal window frames, particularly architectural aluminum. If contact occurs, rinse immediately. In most cases, limited contact will not harm metal.

Apply with an acid-resistant brush, heavy nap roller or low-pressure spray (50 psi max). 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 dilution and application equipment.

Rinse spent cleaner and dissolved contaminants from the wall with masonry-washing equipment generating 400–1000 psi with a water flow rate of 6–8 gallons per minute. 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.

Never go it alone. For problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care toll-free at 800-255-4255.

THIS PAGE INTENTIONALLY BLANK