

# Heavy Duty Restoration Cleaner NE

ultra-powerful carbon & pollution remover

## DESCRIPTION AND USE

Sure Klean® Heavy Duty Restoration Cleaner NE is a concentrated acidic cleaner specifically made to attack and wipe out the heaviest atmospheric staining the Northeast U.S. urban and industrial environment can produce on brick, terra cotta, granite, sandstone and more. Used carefully, this ultra-powerful formulation breaks loose and dissolves the decades of dirt, paint oxidation, carbon buildup and other atmospheric pollutants that can prove too difficult for other cleaners. A simple cold-water rinse removes these unsightly, stubborn stains, revealing the masonry's original beauty.

## ADVANTAGES

- Specially formulated to clean the worst carbon staining and grime the Northeast urban environment can produce.
- Proven effective on the dirtiest masonry.
- Safer than sandblasting. Will not damage masonry when properly used.

## Limitations

- Repeated application, or dilutions with less than three parts fresh water, may damage some masonry surfaces. Use Sure Klean®

Light Duty Restoration Cleaner or Sure Klean® Restoration Cleaner where possible.

- Not for interior use. Use Sure Klean® Light Duty Restoration Cleaner.
- Not suitable for polished stone and glazed surfaces. Use Sure Klean® Light Duty Restoration Cleaner.
- May etch window glass.

## TYPICAL TECHNICAL DATA

FORM: Clear liquid  
 SPECIFIC GRAVITY: 1.18  
 pH: 2.2 @ 1:3 dilution  
 WT/GAL: 9.78 lbs.  
 ACTIVE CONTENT: NA  
 TOTAL SOLIDS: NA  
 FLASH POINT: NA  
 FREEZE POINT: ND  
 SHELF LIFE: 3 years in tightly sealed, unopened container

## PREPARATION

Protect people, vehicles, property, plants, metal, glass, wood, and all nonmasonry and acid-sensitive surfaces from product, splash, residue, fumes and wind drift. Protect and/or divert auto and pedestrian traffic.

Finish cleaning before installing windows, doors, hardware, light fixtures, roofing materials and other nonmasonry items that may be damaged by cleaner. If already installed, protect before cleaning. All caulking and sealant materials should be in place and thoroughly cured before cleaning begins. Avoid exposing building occupants to fumes. On occupied buildings, cover all windows, air intakes and exterior air conditioning vents. Shut down air handling equipment during cleaning and until surfaces are thoroughly dry. Fumes attack glass, metal and all other acid-sensitive surfaces.

## Surface and Air Temperatures

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

## Equipment

Use an acid-resistant brush or low-pressure airless spray equipment with a maximum 50 psi. Fit equipment with acid-resistant hoses and gaskets to avoid discoloration. Do not apply with pressure spray above 50 psi. Higher pressure drives the chemicals deep into the surface, making complete rinse difficult. Staining may result.

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface.

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

Substrate	Type	Use?	Coverage
<b>Architectural Concrete Block</b>	Burnished	no	NA
	Smooth	no	
	Split-faced	no	
	Ribbed	no	
<b>Concrete</b>	Brick	no	NA
	Tile	no	
	Precast Panels	no	
	Pavers	no	
	Cast-in-place	no	
<b>Fired Clay</b>	Brick	yes	125-400 sq.ft. 28-47 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
<b>Marble, Travertine, Limestone</b>	Polished	no	NA
	Unpolished	no	NA
<b>Granite</b>	Polished	no	NA
	Unpolished	yes	300-600 sq.ft. 37-56 sq.m.
<b>Sandstone</b>	Unpolished	yes	250-500 sq.ft. 28-47 sq.m.
<b>Slate</b>	Unpolished	yes	300-600 sq.ft. 37-56 sq.m.

Repeated application may damage some surfaces.  
 Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

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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 before overall application to ensure suitability and desired results. Test using the following application instructions. Let test area dry thoroughly before inspection.

#### Dilution

Heavy Duty Restoration Cleaner NE must be diluted with fresh water before application. Dilute one part concentrate to 3 parts water, depending on test results. Failure to dilute this high-powered cleaner may result in bleaching of the masonry's natural color. When diluting, always pour water into bucket first, then carefully add product. Acidic materials attack metal. Use polyethylene or polypropylene buckets only.

#### Application Instructions

1. Working from bottom to top, prewet the surface with clean water.
2. Apply the cleaner using a brush or low-pressure spray.
3. Leave the cleaner on the surface for 3 to 5 minutes. Reapply. Gently scrub heavily soiled areas. Do not let cleaner dry on the surface. If drying occurs, lightly wet treated surfaces with fresh water and reapply, gently scrubbing.
4. Rinse with low-pressure flood rinse to remove initial acidic residue with minimum risk of wind drift.
5. Rinse thoroughly using high-pressure spray, from the bottom of the treated area to the top covering each section of the surface with a concentrated stream of water. Note: To avoid streaking, keep wall below wet and rinsed free of cleaner and residues.

**Cleanup:** Clean tools and equipment using fresh water.

### SAFETY INFORMATION

Sure Klean® Heavy Duty Restoration Cleaner NE is a concentrated, acidic cleaner designed and labeled for professional use. This product may damage glass and a variety of common construction

materials and has 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. Immerse exposed area in 0.13% Zepharin Chloride or 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.