

Light Duty Concrete Cleaner

general purpose construction stain remover

DESCRIPTION AND USE

Sure Klean® Light Duty Concrete Cleaner removes common construction and atmospheric staining from smooth architectural and engineered concrete. This general-purpose, non etching acidic cleaner removes rust, mud, oil, atmospheric dirt, mortar smears and other stains without altering the surface texture. Light Duty Concrete Cleaner adds depth to colors, brightens white matrices and exposed aggregate.

ADVANTAGES

- Improves color uniformity and enhances appearance.
- Contains no muriatic acid.
- Removes common construction stains and atmospheric dirt.
- Removes localized rust and other metallic staining on unpolished limestone, travertine and marble. Always test.
- Safe for most pigmented concrete and colored mortar.
- Water rinsable.

Limitations

- Acidic contents may damage polished masonry, some nonmasonry and acid-sensitive surfaces.

TYPICAL TECHNICAL DATA

FORM: Pale yellow liquid
 SPECIFIC GRAVITY: 1.129
 pH: 0.976 @ 1:2 dilution
 1.82 @ 1:3 dilution
 1.33 @ 1:6 dilution
 WT/GAL: 9.39 lbs.
 ACTIVE CONTENT: NA
 TOTAL SOLIDS: NA
 FLASH POINT: NA
 FREEZE POINT: 12°F (-11°C)
 SHELF LIFE: 3 years in tightly sealed, unopened container

PREPARATION

Protect people, vehicles, property, metal, painted surfaces, plants and other nonmasonry materials from product, residue, rinse, splash, wind drift and fumes. When working over traffic, clean when traffic is at a minimum. Protect or divert traffic if necessary.

Clean masonry before installing windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials and other nonmasonry items. If already installed, protect with polyethylene before application. Sure Klean® Strippable Masking is appropriate for use with this product to protect windows. All caulking and sealant materials should be in place and thoroughly cured before cleaning.

Protect wall cavities during construction to prevent rainwater saturation and related staining. Let newly constructed surfaces dry and cure thoroughly before cleaning. Excessive moisture may mobilize staining and cause unsatisfactory cleaning results. Cleaning high-strength mortar/grout within seven days improves results.

Surface and Air Temperatures

Do not apply when temperature is below freezing or will be overnight. If freezing conditions exist before application, let the surface thaw.

Equipment

Apply with a soft-fiber, tampico masonry washing brush or with low-pressure spray (50 psi max) equipment fitted with acid-resistant hoses and gaskets. Do not use pressure spray above 50 psi. This drives the cleaner into the surface, making rinse difficult. May cause stains. Do not atomize.

Light Duty Concrete Cleaner

Light Duty Concrete 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	300-400 sq.ft. 28-37 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete	Brick	yes	300-600 sq.ft. 28-56 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick♦	yes	300-400 sq.ft. 28-37 sq.m.
	Tile	no	
	Terra Cotta	no	
	Pavers♦	yes	
Marble, Travertine, Limestone	Polished	no	NA
	Unpolished	*	300-600 sq.ft. 28-56 sq.m.
Granite	Polished	yes	300-500 sq.ft. 28-46 sq.m.
	Unpolished	yes	300-500 sq.ft. 28-46 sq.m.
Sandstone	Unpolished	yes	300-400 sq.ft. 28-37 sq.m.
Slate	Unpolished	yes	300-500 sq.ft. 28-46 sq.m.

♦600 Detergent, 101 Lime Solvent or Vana Trol® may be more suitable.
 *Removes localized rust and other metallic staining.
 Always test to ensure desired results.
 Coverage estimates depend on surface texture, porosity and soiling conditions.

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.

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 each type of stain for suitability, dilution rates and desired results before overall application. Test using the following application instructions. Let surface dry thoroughly before inspection.

Dilution

Testing will indicate the proper dilution. Always pour cold water into empty bucket first, then carefully add product. Never use hot water. Handle in polypropylene buckets only. Acidic materials and fumes attack metal. Recommended dilutions for use on precast, monolithic and “unit” concrete surfaces:

Exposed Aggregate

Removal of retarder, efflorescence, etc.

1 part concentrate : 2 parts water

Form-Finished Concrete

Rough-texture: 1 part concentrate : 2 parts water

Standard finish: 1 part concentrate : 3 parts water

Cast Simulated Stone

1 part concentrate : 3 parts water

Concrete Block, Slump Brick

1 part concentrate : 3 parts water

Architectural Smooth-Finished Concrete

1 part concentrate : 6 parts water

When calculating the volume of cleaner required for porous, textured surfaces, assume 50 square feet per gallon of prepared cleaner. For

dense, smooth surfaces, assume up to 150 square feet per gallon of prepared cleaner. The coverage rate chart assumes an average coverage rate of 100 square feet per gallon of prepared cleaner.

Application Instructions

Multiple applications may etch acid-sensitive surfaces.

1. Working from the bottom to the top, always prewet surface with fresh water. When cleaning vertical surfaces, keep lower areas wet to avoid streaks.
2. Apply cleaner directly to surface with recommended masonry brush or low-pressure spray.
3. Let cleaner stay on the surface for 3-5 minutes or until stains are gone. If treated surfaces are left unattended, keep people away from the cleaner.
4. Reapply cleaner and rinse thoroughly with fresh water, working from the bottom to the top, to get all residues off the surface. If pressure rinsing equipment is not available, brush the surface while rinsing with clean water.

Cleanup

Clean tools and equipment using fresh water.

SAFETY INFORMATION

Sure Klean® Light Duty Concrete 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 thoroughly for 15 minutes. Get immediate medical assistance.

Skin Contact: Remove contaminated clothing and rinse thoroughly for 15 minutes. 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.

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