



Sure Klean®

CLEANING & PROTECTIVE TREATMENTS

Light Duty Concrete Cleaner

Sure Klean® Light Duty Concrete Cleaner is specially formulated to remove common construction and atmospheric staining from a variety of substrates, including smooth architectural and engineered concrete, custom masonry, concrete brick, manufactured stone and decorative pavers.

This general-purpose, non etching acidic cleaner removes rust, mud, 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

- Effective on multiple substrates, including manufactured stone and concrete brick.
- Improves color uniformity and enhances appearance.
- Contains no muriatic acid.
- Removes common construction stains and atmospheric dirt.
- Removes efflorescence stains on brick and decorative pavers, new concrete and stone construction, as well as secondary efflorescence on concrete block.
- 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 non masonry and acid-sensitive surfaces.
- May remove some surface-applied accent colors. Always test to confirm suitability and results before overall application.
- 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.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Light Duty Concrete Cleaner is compliant with all national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

| | |
|------------------|--|
| FORM | Clear, colorless liquid Slight odor |
| SPECIFIC GRAVITY | 1.129 |
| pH | 0.976 @ 1:2 dilution 1.33 @ 1:3 dilution 1.82 @ 1:6 dilution |
| WT/GAL | 9.39 lbs |
| ACTIVE CONTENT | not applicable |
| TOTAL SOLIDS | not applicable |
| VOC CONTENT | not applicable |
| FLASH POINT | not applicable |
| FREEZE POINT | 12° F (-11° C) |
| SHELF LIFE | 3 years in tightly sealed, unopened container |

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

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

Product Data Sheet

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PREPARATION

Protect people, vehicles, property, metal, painted surfaces, plants and other non masonry 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.

When applying to the exteriors of occupied buildings, make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment are shut down during application.

Clean masonry before installing windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials and other non masonry 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 on all substrates within seven days improves results.

Concrete Brick & Manufactured Stone Surfaces

Remove mortar residues and construction soiling from concrete brick and manufactured stone surfaces within 7-14 days of tooling the mortar joints. Let mortar/grout cure at least 7 days before cleaning.

The accent color found on many types of manufactured stone is sensitive to any cleaning operation. To limit the potential for loss of accent color, minimize the accumulation of excess mortar on the face of the manufactured stone. Avoid bonding agents whenever practical as they make excess mortar more difficult to remove without loss of applied accent colors. Clean carefully as you go, using fresh water and a soft brush.

New Brick & Tile Surfaces

Construction soiling and mortar residues on new brick and tile surfaces clean most effectively if the cleaning is done within 14-28 days of installation. Mortar and grout smears left on the surface longer result in a more difficult clean down and may cause undesirable results.

Surface and Air Temperatures

For best results, clean when air and masonry surface temperatures are 40° F (4° C) or above. 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 (50 psi max) spray 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 and may cause stains. Do not atomize.

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.

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 (unglazed) | no | |
| | Pavers♦ | yes | |
| Marble, Travertine, Limestone | Polished | no | N/A |
| | Unpolished* | yes | 300-600 sq.ft. 28-56 sq.m. |
| Granite | Polished | yes | 300-500 sq.ft. 28-46 sq.m. |
| | Unpolished | yes | |
| Sandstone | Unpolished | yes | 300-400 sq.ft. 28-37 sq.m. |
| Slate | Unpolished | yes | 300-500 sq.ft. 28-46 sq.m. |

♦Sure Klean® 600, 101 Lime Solvent or Vana Trol® may be more suitable.

*For use in removing localized rust and other metallic staining. ALWAYS TEST for suitable results before overall use, especially on marble 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.

NOTE: When cleaning sensitive surfaces such as manufactured stone, if testing shows pressure rinsing can be safely used, 400 psi is sufficient to rinse dissolved soiling and spent cleaner from the surface. Higher psi risks wand marks, eroded mortar joints and loss of surface color and texture.

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

Read “Preparation” and the Safety Data Sheet before use. **ALWAYS TEST** a small area (minimum 4-ft x 4-ft) of each surface to confirm suitability and desired results before beginning overall application. Test each type of masonry and each type of stain. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let test area dry 3–7 days before inspection and approval. Make the test panel available for comparison throughout the cleaning project.

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/Manufactured Stone

1 part concentrate : 3 parts water

Concrete Block, Slump Brick, Concrete Brick

1 part concentrate : 3 parts water

Architectural Smooth-Finished Concrete

1 part concentrate : 6 parts water

BEST PRACTICES

Clean masonry before installing windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials and other non masonry items.

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.

Apply with a soft-fibered, tampico masonry washing brush or with low-pressure spray equipment fitted with acid-resistant hoses and gaskets. Do not use pressure spray above 50 psi, as this drives the cleaner into the surface, making rinse difficult.

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.

For sensitive manufactured stone, rinsing pressures greater than 400 psi and fan spray tips smaller than 15° may permanently damage the surface.

For porous masonry, washing equipment generated 400–1000 psi with a water flow rate of 6–8 gpm 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.

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.

Product Data Sheet

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Typical Coverage Rates

Reference the Substrate Chart on page 2. The coverage rate chart assumes an average coverage rate of 100 square feet per gallon of prepared cleaner.

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.

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. Do not let cleaner dry on the surface, staining may result. If drying occurs, lightly wet treated surfaces with fresh water and reapply in a gentle scrubbing manner. 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.

NOTE: Use only enough water to remove the spent cleaner and dissolved soiling from the surface. For manufactured stone, if tests show that pressure rinsing equipment can be used without removing color, do not exceed 400 psi.

Cleanup

Clean tools and equipment using fresh water.

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, for the name of the PROSOCO representative in your area.