



Custom Masonry Cleaner

Sure Klean® Custom Masonry Cleaner removes concrete splashes, excess mortar, mud, retarders, heavy efflorescence, embedded stains, rust and surface soiling from textured custom masonry surfaces. This acidic cleaner improves the color and uniformity of most custom masonry and colored concrete. When used in strong solutions, Custom Masonry Cleaner can be used for additional aggregate exposure (“weathering”).

ADVANTAGES

- Improves color brightness, depth and uniformity.
- Removes mortar smears, lime run, heavy efflorescence, and embedded stains.
- Designed for colored concrete.
- Designed for use with pressure water rinsing.
- Improves bond of color coatings.
- Improves penetration of protective treatments.
- Supplied in concentrate for easy on-site dilution.

Limitations

- Not for use on polished or burnished surfaces.
- Will not correct damage caused by improper cleaning.
- May etch smooth concrete surfaces. Use Sure Klean® Light Duty Concrete Cleaner where no etch is desired.
- Undesirable surface etching may occur on precast concrete panels when cleaning at concentrations stronger than 1 part cleaner to 4 parts water.
- May damage treated low-E glass; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings and films. Always test for adverse effects prior to overall application. If testing is not feasible or indicates adverse effects, such substrates must be protected.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Custom Masonry Cleaner is compliant with all national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

FORM	Clear, slight amber liquid Pungent odor
SPECIFIC GRAVITY	1.13
pH	0.25 @ 1:2 dilution 0.49 @ 1:6 dilution
WT/GAL	9.41 lbs
ACTIVE CONTENT	not applicable
TOTAL SOLIDS	not applicable
VOC CONTENT	not applicable
FLASH POINT	not applicable
FREEZE POINT	<-22° F (<-30° 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

Sure Klean® Custom Masonry Cleaner

PREPARATION

Clean masonry before installing non-masonry materials such as windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials, etc. that the cleaner could harm. If cleaning is to be completed after installation of non-masonry materials not intended for treatment or exposure to Custom Masonry Cleaner, test all substrates not intended to be treated with Custom Masonry Cleaner before full scale application. If testing is not feasible or indicates adverse effects, protect substrates from product splash, residue, wind drift and fumes with Sure Klean® Strippable Masking or polyethylene prior to application.

All caulking and sealant materials should be in place and thoroughly cured before cleaning.

When applying to the exteriors of occupied buildings, make sure all windows, exterior

intake and air conditioning vents are covered and air handling equipment is shut down during application.

Construction soiling and mortar residues on new masonry surfaces clean most effectively 14–28 days after installation. Mortar and grout smears left on the surface longer result in a more difficult clean down and may cause undesirable results. Cleaning high-strength mortar/grout within seven days improves results.

The presence of excessive moisture in the wall contributes to efflorescence and other staining. Always protect open wall cavities from rain during construction.

When working over traffic, clean when traffic is at a minimum. Protect or divert traffic if necessary.

Surface and Air Temperatures

Best air and masonry temperatures for cleaning 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-fibered, tampico masonry washing brush or with low-pressure (50 psi max) spray equipment fitted with acid-resistant hoses and gaskets. Don't use pressure spray above 50 psi. This drives the cleaner into the surface, making rinse difficult. May cause stains.

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.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon of concentrate.

<i>Substrate</i>	<i>Type</i>	<i>Use?</i>	<i>Coverage</i>
Architectural Concrete Block	Burnished*	no	
	Smooth	yes	300–700 sq.ft.
	Split-faced	yes	28–65 sq.m.
	Ribbed	yes	
Concrete	Brick*	yes	
	Tile	yes	300–700 sq.ft.
	Precast Panels*	yes	28–65 sq.m.
	Pavers	yes	
	Cast-in-place*	no	
Fired Clay	Brick♦	yes	
	Tile	no	300–700 sq.ft.
	Terra Cotta (unglazed)	no	28–65 sq.m.
	Pavers♦	yes	
Marble, Travertine, Limestone	Polished	no	N/A
	Unpolished	no	N/A
Granite	Polished	no	N/A
	Unpolished	yes	300–700 sq.ft. 28–65 sq.m.
Sandstone	Unpolished	no	N/A
Slate	Unpolished	no	N/A

*Sure Klean® Light Duty Concrete Cleaner may be a more suitable product. Always test. See Limitations, page 1.

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

Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.



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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 sealed containers in a dry place. Maintain temperatures 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

Dilute Custom Masonry Cleaner with 2–6 parts clean water to one part concentrate, based on test results. Always pour cold water into empty bucket first, then carefully add product. Never use hot water.

Undesirable surface etching may occur on precast concrete panels when cleaning at concentrations stronger than 1 part cleaner to 4 parts water.

Handle in high-density polyethylene or polypropylene containers only. No metal. Acidic materials and fumes attack metal.

Typical Coverage Rates

See 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 sensitive surfaces.

1. Always prewet surface with clean water, working from the bottom to the top. On vertical surfaces, keep lower areas wet to avoid streaks.
2. Apply the prediluted cleaner directly to surface using a masonry brush or low-pressure spray.
3. Let cleaner dwell for 2–3 minutes. Do not let cleaner dry into the surface. If surface begins to dry, reapply cleaner.
4. Reapply cleaner. Scrub or scrape areas of heavy soiling using wood blocks or nonmetallic scrapers.
5. Working from the bottom to the top, rinse thoroughly with fresh water. If pressure rinsing equipment is not available, brush the surface while rinsing.

Cleanup

Clean tools and equipment using fresh water.

BEST PRACTICES

The presence of excessive moisture in the wall contributes to efflorescence and other staining. Always protect open wall cavities from rain during construction.

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

When calculating the volume of cleaner required for dense, smooth surfaces, assume up to 150 square feet per gallon of prepared cleaner.

Multiple applications may etch sensitive surfaces.

Do not let cleaner dry into the surface. If surface begins to dry, reapply cleaner.

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.

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

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

