



800 Stain Remover

metallic stain remover for brick

OVERVIEW

Sure Klean® 800 Stain Remover is a specialty masonry cleaning product that effectively removes green vanadium stains commonly found in buff or white brick. 800 Stain Remover also removes straw stains, acid burns and other metallic discolorations from most masonry surfaces.

Many staining conditions are created by excessive moisture in the walls. To avoid this, protect open wall cavities from rainwater during construction and correct any structural problems that allow water to enter the walls.

SPECIFICATIONS

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

ADVANTAGES

- Removes tough metallic stains quickly and easily.
- Recommended for surfaces containing colored mortar.
- Water rinsable.

Limitations

- Not recommended for use on polished surfaces.
- Will not correct damage caused by improper use of hydrofluoric acid cleaning solutions.
- Acidic contents and fumes may damage non masonry and acid-sensitive surfaces.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® 800 Stain Remover is compliant with all national, state and district regulations.

TYPICAL TECHNICAL DATA

FORM	Clear amber liquid
SPECIFIC GRAVITY	1.056
pH	1.4 in concentrate
WT/GAL	8.78 lbs
ACTIVE CONTENT	Not applicable
TOTAL SOLIDS	Not applicable
VOC CONTENT	Not applicable
FLASH POINT	Not applicable
FREEZE POINT	Not applicable
SHELF LIFE	3 years in tightly sealed, unopened container

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PREPARATION

Sure Klean® 800 Stain Remover is corrosive, etches glass and architectural aluminum and is harmful to wood, painted surfaces and foliage. Beware of wind drift. Fumes will also cause damage.

Protect people, vehicles, property, plants, metal, all non masonry and acid-sensitive surfaces from contact with cleaner, rinse residue, fumes and wind drift. Protect and/or divert auto and pedestrian traffic.

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. Sure Klean® Strippable Masking is

appropriate for use with this product to protect windows. Maintain enough ventilation to avoid buildup of potentially damaging fumes. All caulking and sealant materials should be in place and thoroughly cured before cleaning.

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. Use fans and supplemental ventilation when applying 800 Stain Remover on interior surfaces. Maintain ventilation until surfaces are thoroughly dry. Fumes attack glass, metal and all other acid-sensitive surfaces.

Before removing metallic stains (vanadium), the masonry should be thoroughly dry to reduce recurrence of stains after cleaning.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon of concentrate.			
Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	no	Not Applicable
	Smooth	no	
	Split-faced	no	
	Ribbed	no	
Concrete	Brick	no	Not Applicable
	Tile	no	
	Precast Panels	no	
	Pavers	no	
	Cast-in-place	no	
Fired Clay*	Brick	yes	100–200 sq.ft. 9–19 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone	Polished	no	Not Applicable
	Unpolished	no	Not Applicable
Granite	Polished	no	Not Applicable
	Unpolished	yes	100–200 sq.ft. 9–19 sq.m.
Sandstone	Unpolished	yes	100–200 sq.ft. 9–19 sq.m.
Slate	Unpolished	yes	100–200 sq.ft. 9–19 sq.m.
*Repeated applications may damage surfaces. Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.			

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.

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.

Surface and Air Temperature

Cleaning when temperatures are below freezing or will be overnight may harm masonry. If freezing conditions have existed, let the masonry thaw before cleaning.

Equipment

Apply with low-pressure spray (50 psi max) or densely-packed, soft-fibered masonry washing brush. Fit equipment with acid-resistant hoses and gaskets to avoid discoloration.

Storage and Handling

Transport and 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.

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APPLICATION

Before use, read "Preparation" and "Safety Information."

ALWAYS TEST each type of masonry and each type of stain for suitability, dilution and results before overall application. Follow application procedures below. Let surface dry thoroughly before inspection and approval.

Dilution

Use in concentrate for most applications. Testing indicates if 800 Stain Remover may be diluted with equal parts water. 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.

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

Exterior Surfaces

1. Working from the bottom to the top, prewet the masonry surface with clean water.
2. Apply directly to the masonry surface with recommended masonry brush or low-pressure spray from the bottom of the work area to the top. Pressure spray above 50 psi drives the chemicals deep into the surface, making complete rinse difficult.
3. Let the cleaner stay on the surface for 3–5 minutes or until stains are gone. If treated surfaces are left unattended, keep people away from cleaner.

NOTE: Do not let cleaner dry into the surface. If surface begins to dry in less than 5 minutes, water-rinse and reapply cleaner.

4. Working from the bottom of the work area to the top, reapply cleaner and rinse with fresh water. Thorough rinsing gets all residues off the surface. Older, more delicate masonry may require less water pressure to avoid damage. Avoid multiple applications. If pressure rinsing equipment is not available, rinse thoroughly with clean water, brushing the wall while rinsing.

Interior Surfaces

Test and follow cleaning procedure for exterior surfaces. Rinse thoroughly with fresh water using a sponge or soft-fibered brush. If conditions do not allow enough water for complete rinsing, use a neutralizing rinse following this procedure:

1. Rinse with clear water.
2. Apply neutralizing rinse of 2 ounces baking soda to 1 gallon water.
3. Saturate. Leave solution on the surface 3–5 minutes.
4. Apply final rinse of clear water.

Cleanup

Clean tools and equipment using fresh water.

BEST PRACTICES

Before removing metallic stains (vanadium), the masonry should be thoroughly dry to reduce recurrence of stains after cleaning.

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.

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.

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.

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SAFETY INFORMATION

Sure Klean® 800 Stain Remover 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, for the name of the Sure Klean® representative in your area.