

04-MASONRY

- 04 01 20 Maintenance of Unit Masonry
- 04 01 40 Maintenance of Stone Assemblies
- 04 01 70 Maintenance of Manufactured Masonry

PRODUCT DATA SHEET

PROSOCO
SINCE 1939

PROSOCO

Residential BrickKLEAN Plus

masonry cleaner for new brick and stone homes

OVERVIEW

PROSOCO Residential BrickKLEAN Plus dissolves hardened mortar and construction dirt on newly constructed residential brick and stone for easy rinsing away.

Residential BrickKLEAN Plus removes mortar smears, efflorescence and common construction soiling from brick, tile, concrete and natural stone.

ADVANTAGES

- Safer than muriatic acid.
- Economical concentrate – dilutes with fresh water.
- Cold-water rinse leaves brick clean and uniform without streaking or burning.
- Removes mortar and grout smears and construction dirt.
- Controls green vanadium and brown manganese staining on color-sensitive brick and tile.
- Removes efflorescence on new brick, concrete block, and stone construction.
- Safe for use on most unpolished natural stone or cast stone.
- Designed for use with colored mortar.

Limitations:

- Not for use on polished surfaces, including marble, limestone or travertine.
- Not designed for manufactured stone substrates. Please consult the stone manufacturer for cleaning recommendations.
- Not intended to remove atmospheric staining. Contact PROSOCO for cleaner recommendations.
- Repeated applications may leave a detergent residue. To reduce potential for detergent residue: always pre-wet; rinse thoroughly; do not exceed two applications.
- 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**

PROSOCO Residential BrickKLEAN Plus is compliant with all national, state and district regulations.

TYPICAL TECHNICAL DATA

FORM	Clear, colorless to light amber liquid
SPECIFIC GRAVITY	1.12
pH	0.3 @ 1:6 dilution
WT/GAL	9.40 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

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PREPARATION

Clean mortar and grout stains within 14–28 days of installation. Remove high-strength mortar and grout stains within 7 days. If PROSOCO Residential BrickLEAN Plus does not produce desired results, contact PROSOCO for cleaning recommendations.

Vapors and liquid can damage a variety of metals and fabrics. Clean before installing windows, doors, metal fixtures, light fixtures, hardware, decorative paving, painted surfaces, plants, and other nearby non-masonry items. If already installed, protect with plastic sheeting.

Moisture in walls contributes to stains. Protect open cavity walls from rain during construction.

Surface and Air Temperatures

Surface and air temperatures should be 40°F (4°C) and rising. Do not clean when temperatures are below freezing or will be overnight.

Equipment

Use acid-resistant rigging and safety equipment.

Small Areas: Apply diluted cleaner with a soft-fibered masonry washing brush. Scrub with a plastic or brass bristle scrub brush. NO steel bristles! Rinse treated surfaces with a garden hose.

Large Areas: Apply diluted cleaner with low-pressure sprayer (max 50 psi) fitted with acid-resistant hoses and gaskets and a shower-type spray nozzle for even distribution of the cleaning solution. Do not atomize. Scrub with a plastic or brass-bristle scrub brush. NO steel bristles! Rinse treated surfaces at 400–1000 psi with a water flow rate of 6–8 gpm for best

water/pressure combination. Use a 15–45° fan spray tip. Heated water may improve results. Adjust water pressure and flow rates for sensitive surfaces. Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may damage sensitive masonry. Water flow rates less than 6 gpm may slow cleaning and contribute to uneven results.

Storage and Handling

Store in a cool, dry place with adequate ventilation. Vapors and liquid can damage a variety of metals and fabrics. Provide adequate ventilation. Do not alter or mix with other chemicals. Always seal container after dispensing. 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 (minimum 4-foot x 4-foot area) for suitability and results before overall application. Test each type of masonry and each type of stain. Let test area dry 3–7 days before inspection. Use the following application instructions. Keep the test panel available for comparison throughout the cleaning project.

Dilution

Dilute by pouring cold water into an empty plastic bucket or sprayer, then add cleaner. Add one part cleaner to 4–12 parts cold water, depending upon surface to be cleaned. DO NOT dilute with hot water. NO metal buckets or metal sprayers. Do not alter or add other chemicals, especially bleach.

ALWAYS TEST to find the dilution that cleans best.

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.

Coverage Rates

Coverage rates vary based on porosity and texture. Always test. Coverage is per gallon of concentrate.

- *Porous, Textured Surfaces:* 300–400 sq.ft. (28–37 sq.m.) per gallon of concentrate
- *Semi-Porous Surfaces:* 500–900 sq.ft. (46–84 sq.m.) per gallon of concentrate
- *Dense, Smooth Surfaces:* 600–1100 sq.ft. (56–102 sq.m.) per gallon of concentrate

Application Instructions

1. Before applying the prepared cleaning solution, thoroughly prewet the surface with fresh water, working from the bottom to the top.
2. Apply the diluted cleaning solution freely.
3. Leave cleaner on the surface 3–5 minutes. Do not let it dry. Rinse lower surfaces with fresh water to prevent streaking.
4. Gently scrape off heavy build-up of excess mortar using a wood scraper or piece of brick. Reapply cleaner and scrub areas of heavy soiling. Be careful not to harm the masonry surface.
5. Rinse thoroughly with fresh water until masonry is completely clean. Rinse from the bottom of the work area to the top. Thorough rinsing is extremely important to ensure that all residues are removed from the porous masonry.
6. Reapply as needed following steps 1–5.

Cleanup

Clean tools with fresh water. Use fresh water to wash stray cleaner and rinse-water off nearby surfaces.

SAFETY INFORMATION

Residential BrickKLEAN is a concentrated, acidic cleaner. This product may damage a variety of common construction materials and has safety issues common to corrosive materials. Use appropriate safety equipment and job site controls during handling and application. Read full label and MSDS for precautionary instructions before use.

First Aid

Ingestion: Rinse mouth. DO NOT induce vomiting. Immediately call a poison center or physician.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a poison center or physician.

Skin Contact: Remove all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or physician.

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

WARRANTY

Information and recommendations are based on our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made because we cannot anticipate

every application or variations 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.** 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, environmental 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.

BEST PRACTICES

ALWAYS TEST to determine best dilution and satisfactory cleaning results before overall application. Remove severe metallic staining using Sure Klean® 800 Stain Remover or Sure Klean® Ferrous Stain Remover.

Conduct tests under weather conditions which are similar to those anticipated during clean down. Cleaning results are affected by temperature. Increase dwell time and reduce dilution ratio during cold weather.

If needed, install temporary barriers to direct cleaning rinse waters away from nearby plants. For a free copy of PROSOCO's Technical Bulletin "Controlled Handling of Cleaning Wastewater," see the Helpful Literature link at www.prosoco.com or call toll free 800-255-4255.

Clean from the bottom to the top keeping all lower surfaces thoroughly rinsed with water. Inadequate prewetting or rinsing may leave unsightly cleaning residues. Do not hold back on the water!

Pre-rinse with low pressure water before pressure washer rinsing to reduce damage caused by wind drift.

Protect cleaned brick work with one of PROSOCO's Sure Klean® Weather Seal products. Contact PROSOCO's Technical Customer Care at 800-255-4255 for product recommendations.

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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