

Natural Stone Treatment

long-lasting water repellent

DESCRIPTION AND USE

Sure Klean® Weather Seal Natural Stone Treatment is a modified siloxane water repellent developed for limestone, marble and most other traditional masonry surfaces. Natural Stone Treatment penetrates deeply to provide long-lasting protection without altering the natural appearance of the substrate.

Unlike conventional siloxane water repellents, Natural Stone Treatment is modified for effectiveness on most limestone, marble and other calcareous surfaces. This product provides water repellent protection superior to more common silane, siloxane, acrylic or metallic stearate water repellents.

Natural Stone Treatment reduces the severity of biological staining common to regions with high relative humidity. Treated surfaces resist dark staining and degradation caused by fungal growth, mold and mildew.

ADVANTAGES

- Treated surfaces “breathe” – does not trap moisture.
- Small molecular size allows deep penetration.

- Suitable for interior and exterior surfaces.
- Will not form a surface film or gloss.
- Alkali resistant – protects new or existing mortar and grout joints.
- Reduces atmospheric soiling.
- Low odor

Limitations

- May damage glass or be difficult to remove. Always protect.
- Product will not compensate for structural or material defects.

TYPICAL TECHNICAL DATA

FORM: Clear liquid, mild odor
 SPECIFIC GRAVITY: 0.805
 ACTIVE CONTENT*: 11%
 pH: NA
 WT./GAL.: 6.70 lbs.
 FLASH POINT: 118°F (48°C) ASTM D 3278
 FREEZE POINT: < -22°F (< -30°C)

VOC Information

Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). Not suitable for sale in states and districts with more restrictive AIM VOC regulations.

PREPARATION

Protect people, vehicles, property, plants, windows, painted surfaces, anodized aluminum and all nonmasonry surfaces from product, splash, spray, residue, fumes and wind drift. Protect and/or divert pedestrian and auto traffic. Some metal finishes and glass may be damaged by exposure to Natural Stone Treatment. Test and protect. Sure Klean® Strippable Masking is not appropriate for use with Natural Stone Treatment. When using inside, provide good cross ventilation.

Fill all cracks and voids to avoid penetration of fumes into the building. All caulks and sealants should be in place and thoroughly cured prior to application. Surface should be clean and free of dirt, dust, oils and other contaminants. If necessary, use an appropriate Sure Klean® surface preparation cleaner. (See product literature.) Surface must be thoroughly dry before applying Natural Stone Treatment.

Surface and Air Temperatures

For maximum effectiveness, surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Application on windy days may cause rapid evaporation of the solvent carrier and should be avoided.

Equipment

Preferred method of application is with low-pressure spray equipment or with a saturated brush, roller or lambs wool applicator.

Natural Stone Treatment is recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.

Substrate	Type	Use?	Coverage
Architectural Concrete Block*	Burnished	yes	50-125 sq.ft. 5-12 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete	Brick	yes	125-175 sq.ft. 12-16 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick	yes	100-175 sq.ft. 9-16 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone	Polished	no	NA
	Unpolished	yes	100-175 sq.ft. 9-16 sq.m.
Granite	Polished	no	NA
	Unpolished	yes	150-200 sq.ft. 14-19 sq.m.
Sandstone	Unpolished	yes	125-175 sq.ft. 12-16 sq.m.
Slate	Unpolished	yes	200-300 sq.ft. 19-28 sq.m.

*Sure Klean® Custom Masonry Sealer may be more appropriate. Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

Sprayers should be fitted with solvent-resistant gaskets and hoses to avoid discoloration. Do not atomize/vaporize the material.

APPLICATION

Before use, read “Preparation” and “Safety Information.”

ALWAYS TEST each type of surface for suitability and desired results before overall application. Test using the following application instructions. Let test dry thoroughly before inspection.

Dilution.

Apply Natural Stone Treatment as packaged. **DO NOT DILUTE OR ALTER.**

Vertical Application Instructions

1. For best results, apply Natural Stone Treatment “wet on wet” to a thoroughly dry surface.
2. When spraying, saturate from the bottom up. Use enough material to create a 6” to 8” rundown below the spray contact point.

NOTE: When using a brush, roller or lambs wool applicator, also saturate the surface. Brush out heavy runs and drips that do not penetrate after a few minutes.

3. Let the first application penetrate the masonry surface and then reapply (within 5 minutes) in the same saturating manner. Less material will be required on the second application.

Horizontal Application Instructions

Apply in a single, saturating coat so that the surface stays wet for a few minutes. Thoroughly broom out any pools or puddles that do not completely penetrate the surface. Soak up any remaining material with a clean towel.

Dense Surface Application Instructions

Apply a single coat. Use enough Natural Stone Treatment to completely wet the surface without creating drips, puddles or rundown. **DO NOT OVERAPPLY.** Test for application rate.

Protect the treated surface from rain and pedestrian traffic for 4 to 6 hours following application. Natural Stone Treatment gains its water repellency properties in 72 hours.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrative protective treatment may penetrate through exposed stone, tile, gROUT or paver surfaces and react with the membrane to mobilize objectionable staining. **ALWAYS PRETEST TO ENSURE DESIRED RESULTS.**

Clean Up

Clean tools and equipment immediately with mineral spirits or an equivalent cleaning solvent. Remove overspray and spills as soon as possible.

SAFETY INFORMATION

Danger. Combustible liquid and vapor. Harmful or fatal if swallowed. Keep out of reach of children.

Precautionary Measures

Contains: Odorless Mineral Spirits, Isobutyltriethoxysilane, Alkyl polysilicates, ethyl alcohol. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye and skin irritation.

Combustible liquid and vapor. Keep away from heat, sparks and flame. Vapors may travel along the ground or by ventilation to remote ignition sources. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Use appropriate, spark-proof equipment during transfer and application. Do not cut, grind, weld, or drill on or near this container, even if empty.

Use only with adequate ventilation. Do not breathe vapors or mist. Inhalation of aerosols may cause lung damage. Ensure fresh air entry during application and drying. When applying to 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 and remain so until odors dissipate. Ethyl alcohol will evolve during curing of this product. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted, NIOSH-approved respirator. Wear a dust/mist respirator if mists are present. Avoid contact with eyes, skin and clothing. Wear safety glasses and gloves to prevent contact. Additional protection may be required depending on application methods. Wash thoroughly after handling. Read the MSDS and label for additional precautionary and application information. Always read the product label thoroughly before use.

First Aid

Ingestion: If swallowed, call a physician immediately.

ASPIRATION HAZARD: Do not induce vomiting or give anything by mouth. Only induce vomiting at the instructions of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

Eye Contact: Rinse eyes thoroughly for 15 minutes. Get medical assistance if irritation persists.

Skin Contact: Rinse thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

24-hour emergency information: INFOTRAC at 800-535-5053

NOTICE: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and

nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Spills: Eliminate sources of ignition. Follow all label precautions. Keep product from soil, sewer systems and water. Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Container Disposal: This container is hazardous when empty. Do not reuse container or remove label. Drain thoroughly and dispose of in a sanitary landfill (check local restrictions) or send to a properly licensed reconditioner.

Storage and Handling: Store this container upright in a cool, dry, shady place with adequate ventilation. Keep away from heat and open flames. Keep tightly closed when not dispensing. Do not use pressure to empty. **Do not alter** or dilute the product except as specified. Do not use for any other purpose. Always protect passersby, building occupants and nonmasonry surfaces.

Shelf Life: 2 years from the date of manufacture if stored in a tightly sealed, unopened container.

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. Visit our web site at www.prosoco.com or call Customer Care at 800-255-4255 and request the name of the Sure Klean® Weather Seal representative in your area.

*PROSOCO Technical Data for reactive, penetrating protective treatments reports Active Content – a calculated value based on raw materials used in the formulation. Some active content is consumed as the treatment polymerizes, reacts and bonds with the substrate.

ASTM D 5095 - Standard Test Method for Determination of the Nonvolatile Content in Silanes, Siloxanes and Silane-Siloxane Blends Used in Masonry Water Repellent Treatments – adds a catalyst to reactive treatments to measure total solids. Total solids for this product is 9%.