

Natural Stone Treatment WB

economical water repellent

DESCRIPTION AND USE

Sure Klean® Weather Seal Natural Stone Treatment WB is a low odor, water-based solution of potassium methyl siliconate developed to effectively treat a wide range of natural stone and masonry surfaces. Natural Stone Treatment WB provides long-lasting repellency without altering the natural appearance of the substrate.

Natural Stone Treatment WB is used as a surface treatment on natural stone and masonry surfaces to impart a water-repellent surface and reduce water absorption into the substrate. Unlike conventional siliconate water repellents, Natural Stone Treatment WB has been developed to help prevent surface staining during application.

ADVANTAGES

- Treated surfaces “breathe” – does not trap moisture.
- Suitable for interior and exterior surfaces.

- Will not form a surface film or gloss.
- Protects new or existing mortar and grout joints.
- No solvent odor.
- Complies with all known national, state and district AIM VOC regulations.

Limitations

- May damage glass or be difficult to remove. Always protect.
- Not recommended for dark, dense substrates.
- Not recommended for polished or glazed surfaces.

TYPICAL TECHNICAL DATA

FORM: Clear liquid, low odor

SPECIFIC GRAVITY: 1.02

pH: 13

WT/GAL: 8.50 lbs.

ACTIVE CONTENT: 3%

TOTAL SOLIDS: 4.5% ASTM D 5095

FLASH POINT: >212°F (>100°C)

FREEZE POINT: 32°F (0°C)

SHELF LIFE: 2 years in tightly sealed, unopened container

VOC Information

US EPA: maximum VOC content 600 g/L

CARB SCM Districts: maximum VOC content 120 g/L

SCAQMD: maximum VOC content 120 g/L

NEOTC: maximum VOC content 120 g/L

Maricopa County, AZ: maximum VOC content 400 g/L

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 WB. Test and protect. Avoid breathing mist. Avoid exposing building occupants to spray. When using inside, provide adequate cross ventilation.

Make sure all caulks and sealants are in place and thoroughly cured prior to application. Surface should be clean and free of dirt, dust, oils and other contaminants. If necessary, clean with the appropriate Sure Klean® surface preparation cleaner. (See appropriate product literature.) Surface must be thoroughly dry before application. Product will not compensate for structural or material defects.

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

Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	no	NA
	Smooth	no	
	Split-faced	no	
	Ribbed	no	
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	no	NA
	Terra Cotta♦	yes	100-175 sq.ft. 9-16 sq.m.
	Pavers	no	NA
Marble, Travertine, Limestone	Polished	no	NA
	Unpolished	yes	100-175 sq.ft. 9-16 sq.m.
Granite	Polished	no	NA
	Unpolished	no	NA
Sandstone	Unpolished	yes	125-175 sq.ft. 12-16 sq.m.
Slate	Unpolished	no	NA

*May not be suitable for some dark surfaces. Always test for desired aesthetic appearance.

♦Recommended for unglazed terra cotta only.

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

Not recommended for polished or glazed surfaces, or dark substrates.

Surface and Air Temperatures

For maximum effectiveness, surface and air temperatures should be above 40°F (4°C) and below 85°F (29°C). Avoid application on extremely windy days. Wind may evaporate the water carrier.

Equipment

May be applied using brush, roller or low-pressure spray applicator (20 psi). When spray applying, use fan-type spray tips and adjust pressure to avoid atomization of the material. Sprayer should be fitted with stainless steel or brass fittings and gaskets suitable for handling alkaline solutions (rubber or viton). Brushes and rollers should be of nylon or other synthetic materials resistant to alkaline solutions. Avoid contact with metal hopper if using airless spray equipment.

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

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

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

Dilution

Do not dilute or alter.

Vertical Application Instructions

Spray: For best results, apply in a thin single saturating coat to a thoroughly dry surface. When spraying, saturate from the bottom up. Use enough to create a 4" to 6" rundown below the spray contact point.

Brush: Minimize overlap. Saturate the surface. Brush out heavy runs and drips that do not penetrate.

Horizontal Application Instructions

Apply 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. Do not let puddles stay on surface.

Porous Surfaces Application Instructions

Let the first application penetrate the masonry surface. Resaturate within 5 to 10 minutes. Less material will be required on the second application.

Dense Surface Application Instructions

Apply a single coat. Use enough to completely wet the surface without creating drips, puddles or rundown. Do not over apply. Test for application rate. Buff off excess material as soon as possible after application.

Over-application to dense or dark colored surfaces may produce a white film after thoroughly drying. This indicates the product has been applied too heavily. Retest using higher coverage rates. Increased coverage rates normally prevent white films or crusts.

Protect the treated surface from rain and pedestrian traffic for 4 to 6 hours following application. Natural Stone Treatment WB gains its water repellency properties in 24 hours.

Cleanup

Clean equipment and overspray with soap and warm water.

SAFETY INFORMATION

Sure Klean® Weather Seal Natural Stone Treatment WB is an alkaline product 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: Call a physician, emergency room or poison control center immediately. Do not induce vomiting. Get medical attention.

Eye Contact: Rinse eyes thoroughly for 15 minutes. Get immediate medical assistance.

Skin Contact: Remove contaminated clothing and rinse thoroughly for 15 minutes. If burned, 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.

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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.