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PROSOCO®

Sure Klean® Weather Seal

PROTECTIVE TREATMENTS

CERTIFIED INDOOR AIR QUALITY™ SCS GLOBAL SERVICES

INDOOR ADVANTAGE GOLD BUILDING MATERIALS

Siloxane WB Concentrate

Sure Klean® Weather Seal Siloxane WB Concentrate is a solvent-free blend of silanes and oligomeric alkoxysiloxanes that mixes easily with fresh water on the job site to produce a penetrating water repellent ideal for application to dense or porous masonry surfaces.

An effective alternative to conventional solvent-based silanes or siloxanes, Siloxane WB penetrates and chemically bonds deep within the masonry substrate to provide long-lasting protection against water-related staining or deterioration. Siloxane WB will not darken, produce a surface film or impair the natural breathing characteristics of treated surfaces.

ADVANTAGES

- **Treated surfaces "breathe" – does not trap moisture.**
- **Concentrate minimizes storage, transport and container disposal requirements.**
- **Mix with up to 19 parts fresh water. One gallon concentrate treats up to 4,000 square feet. Consult coverage rates.**
- **Alkaline stable – suitable for new concrete.**
- **Penetrates deeply – effective on vertical or horizontal surfaces.**
- **Resists water penetration when applied over existing shrinkage cracks of 0.02 inches or less.**
- **Ideal for field or in-plant treatment of precast concrete.**

Limitations

- Product must be applied within 24 hours of dilution for maximum effectiveness.
- Not appropriate for use on limestone, marble, travertine or other calcareous stones. Always test other natural stone to ensure desired results.
- Will not prevent water penetration through structural cracks, defects or open joints.
- Not recommended for below-grade application.

TYPICAL TECHNICAL DATA

FORM	Clear, amber liquid Vinegar-like odor
SPECIFIC GRAVITY	0.96
WT/GAL	7.9 lbs
ACTIVE CONTENT	100%
TOTAL SOLIDS	48% ASTM D 5095
VOC CONTENT	16–41 g/L as diluted Low Solids Coating
FLASH POINT	77° F (25° C) ASTM D 3278 140° F (60° C) in 1:9 dilution 145° F (62° C) in 1:14 dilution
FREEZE POINT	<–22° F (<–30° C)
SHELF LIFE	1 year 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

SWRI INSTITUTE
SEALANT• WATERPROOFING & RESTORATION INSTITUTE

Issued to: PROSOCO Inc.
Product: Sure Klean® Weather Seal Siloxane WB Concentrate

ASTM D 6532: Water Absorption Reduction - Concrete 94.52%
ASTM C 67: Water Absorption Reduction - Brick 99.23%
ASTM C 140: Water Absorption Reduction - CMU 82.03%
ASTM D 6490: Water Vapor Transmission - WVT (grains/hour/ft²) 1.21

Validation Date: 4/26/24 – 4/25/29

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CLEAR PENETRATING VERTICAL WATER REPELLENT
www.swrionline.org

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Weather Seal Siloxane WB Concentrate is compliant with the US Environmental Protection Agency's AIM VOC regulations. Visit www.prosoco.com/voccompliance to confirm compliance with individual district or state regulations.

PREPARATION

Protect people, vehicles, property, plants, windows and all surfaces not set for treatment from product, splash, residue, fumes and wind drift. Use polyethylene or other tested material for protecting non masonry surfaces. Protect/divert pedestrian and auto traffic.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone.

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

Substrate	*Type*	*Use?*	*Coverage*
Architectural Concrete Block	Burnished*	**yes**	75–125 sq.ft. 7–12 sq.m.
	Smooth	**yes**	30–100 sq.ft. 3–9 sq.m.
	Split-faced	**yes**	30–85 sq.ft. 3–8 sq.m.
	Ribbed	**yes**	30–85 sq.ft. 3–8 sq.m.
Concrete	Brick	**yes**	75–150 sq.ft. 7–14 sq.m.
	Tile	**yes**	100–150 sq.ft. 9–14 sq.m.
	Precast Panels	**yes**	125–200 sq.ft. 12–19 sq.m.
	Pavers	**yes**	100–200 sq.ft. 9–19 sq.m.
	Cast-in-place	**yes**	125–200 sq.ft. 12–19 sq.m.
Fired Clay	Brick Tile Terra Cotta (unglazed) Pavers	**yes** **yes** **yes** **yes**	50–250 sq.ft. 5–23 sq.m.
Marble, Travertine, Limestone	Polished	no	N/A
	Unpolished	no	N/A
Granite	Polished	no	N/A
	Unpolished	no	N/A
Sandstone	Unpolished	**yes**	60–100 sq.ft. 6–9 sq.m.
Slate	Unpolished	no	N/A

*Not effective if pretreated with an acrylic coating.
Always test to ensure desired results.
Coverage estimates depend on surface texture and porosity.

When applying to exteriors of occupied buildings make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment is shut down during application and until vapors have dissipated.

Surface should be clean, dry and absorbent. Excessive moisture inhibits penetration and reduces the service life and performance of the treatment. If necessary, thoroughly clean the surface using the appropriate PROSOCO product.

Newly constructed and repointed surfaces should be clean, dry and thoroughly cured before application. Sealing and caulking compounds should be in place and cured.

The top of walls need to be capped and made watertight prior to application.

Surface and Air Temperatures

Surface and air temperatures must be at least 40°F (4°C) during application and for 8 hours following.

If freezing conditions exist before application, let masonry thaw. Subfreezing temperatures will cause Siloxane WB to freeze or crystallize, which inhibits penetration and impairs results.

Surface and air temperatures should not exceed 90°F (32°C). Higher temperatures cause rapid evaporation of water carrier and result in reduced penetration.

Equipment

Recommended application is by high volume, low-pressure (<50 psi) spray. Fan spray tips are recommended to avoid atomization. Do not atomize/vaporize the material.

For small scale application, or when spray application is not appropriate, product may be applied using brush or roller. Contact Customer Care or your local PROSOCO representative for more information.

Storage and Handling

Store in a cool, dry place away from potential ignition sources. Keep tightly sealed when not 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

Read "Preparation" and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rates and desired results before starting overall application. Include in the test area any previous repairs and patches, including aesthetic cementitious finishes. Different surface compositions may result in absorption and/or appearance differences. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Dilution & Mixing

Dilute with clean, potable water only. Mixing vessels must be clean, dry and free of contaminants. When added to water, Siloxane WB turns milky white. Mix lightly to produce a uniform consistency.

One gallon of Siloxane WB Concentrate produces up to 20 gallons of water repellent (on dense vertical surfaces). Always test for most appropriate coverage rates.

Siloxane WB is most effective when prepared solutions are applied within 8 hours of dilution, and must be applied within 24 hours of dilution.

Vertical Surfaces

- *Porous*: 1 part concentrate : 9 parts water
- *Semi-porous*: 1 part concentrate : 14 parts water
- *Dense*: 1 part concentrate : 19 parts water

Horizontal Surfaces

- *Porous*: 1 part concentrate : 7 parts water
- *Semi-porous*: 1 part concentrate : 9 parts water
- *Dense*: 1 part concentrate : 14 parts water*

*A maximum dilution of 1 part concentrate to 9 parts water is required to qualify for an extended horizontal warranty.

Application Instructions

For best results, apply "wet-on-wet" to a visibly dry and absorbent surface.

Vertical Surfaces: Spray Application

1. Apply in a saturating application from the bottom up using enough material to create a 4–8 inch (15–20 cm) rundown below the spray contact point.

   NOTE: When spray applying to fluted architectural block, spray in an "overlapping X pattern" for complete coverage of recessed surfaces.
2. Let the first application penetrate the masonry surface for 2 to 3 minutes.
3. Reapply in the same saturating manner. Less material will be required for the second application.

Vertical Surfaces: Brush/Roller Application

Recommended for small scale application or when spray application is not appropriate. Contact PROSOCO for more information. Apply uniformly. Use enough material to saturate the surface. Let penetrate the masonry surface for 2 to 3 minutes. Brush out heavy runs and drips that do not penetrate.

Horizontal Surfaces

Apply in a single saturating application. Apply enough to keep the surface wet for 2 to 3 minutes before penetrating. Broom out all puddles until they penetrate the surface.

Dense, Smooth Surface Application

Apply in a single coat using enough to completely wet the surface without creating drips, puddles or rundown. Brush out or back roll all runs and drips for uniform appearance. Do not over apply. Over application may cause unacceptable color change. One application is normally enough. Always test for application rate.

Drying Time

Treated surfaces will dry to touch within 1 hour. Protect surfaces from rainfall for a minimum of 4 hours following treatment. Protect from foot and vehicle traffic until visibly dry. Surfaces may require as many as 72 hours to gain their water repellency properties.

Cleanup

Clean tools and equipment immediately with soap and warm water.

Paint Adhesion

Treated surfaces may be coated with most silicone emulsion and many oil-based paints. Always test to assure adhesion. Adhesion may be improved if surface is pressure rinsed and allowed to dry before application.

Adhesion of some cementitious coatings, plaster, stucco, etc., may be adversely affected. Such surface treatments should be installed and allowed to thoroughly cure before installation of Siloxane WB. Always test to verify compatibility between Siloxane WB and other proposed surface treatments.

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. Field visits by PROSOCO personnel are for the purpose of making technical recommendations only. **PROSOCO is not responsible for providing job-site supervision or quality control. Proper application is the responsibility of the applicator.** Call Customer Care at 800-255-4255, or visit our website at prosoco.com, for the name of the PROSOCO representative in your area.