



PROSOCO®

Sure Klean® Weather Seal

PROTECTIVE TREATMENTS

Siloxane PD

Sure Klean® Weather Seal Siloxane PD (predilute) is a ready-to-use, water-based silane/siloxane water repellent for concrete and most masonry and stucco surfaces. Siloxane PD will not impair the natural breathing characteristics of treated surfaces. It helps masonry resist cracking, spalling, staining and other damage related to water intrusion. Low odor and alkaline stable, Siloxane PD is ideal for field and in-plant application.

TYPICAL TECHNICAL DATA

FORM	Cloudy white liquid, odorless
SPECIFIC GRAVITY	0.996
pH	4-5
WT/GAL	8.29 lbs
ACTIVE CONTENT	7%
TOTAL SOLIDS	4% ASTM D 5095
VOC CONTENT	<30 g/L Low Solids Coating
FLASH POINT	>212° F (>100° C) ASTM D 3278
FREEZE POINT	32° F (0° C)
SHELF LIFE	1 year in tightly sealed, unopened container

ADVANTAGES

- Penetrates deeply for long-lasting protection on vertical or horizontal surfaces.
- Service life is estimated at more than 10 years.
- Treated surfaces “breathe” – does not trap moisture.
- Water-based formula minimizes explosion and fire hazards compared to solvent-based water repellents.
- Appropriate for use on manufactured stone surfaces.
- Resists water penetration when applied over existing shrinkage cracks of 0.02 inches or less.
- Easy cleanup with PROSOCO’s 2010 All Surface Cleaner.

- Low odor for safer application to occupied buildings.
- Alkaline stable – suitable for new “green” concrete, 14–28 days old.
- Ready-to-use. No on-site dilution required.

Limitations

- Will not keep water out of cracks, defects or open joints.
- Not appropriate for use on limestone, marble, travertine or other calcareous stones. Always test other natural stone to ensure desired results.
- Not recommended for below-grade application.
- Not suitable for application to synthetic resin paints, gypsum, or other non masonry surfaces.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Weather Seal Siloxane PD 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.

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

ASTM D 6532: Water Absorption Reduction – Mortar 98.34%

ASTM C 67: Water Absorption Reduction – Brick 89.14%

ASTM C 140: Water Absorption Reduction – CMU 92.55%

ASTM D 6490: Water Vapor Transmission WVT (grains/h ft²) 1.81; Permeance 4.43

Validation Date: 2/15/18 – 2/14/23

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CLEAR PENETRATING VERTICAL WATER REPELLENT VALIDATION PROGRAM
www.swrionline.org

NOTE: The SWR Institute Validation Program uses standardized testing for validation purposes, including testing on CMU. PROSOCO **does not** recommend the use of Siloxane PD on CMU. Please reference the Substrate Chart on page 2.

Product Data Sheet

Weather Seal Siloxane PD

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

PREPARATION

Protect people, vehicles, property, plants, windows and all non masonry surfaces from product, splash, residue, fumes and wind drift. Protect and/or divert foot and auto traffic.

Thoroughly clean the surface using the appropriate PROSOCO product. Clean newly constructed and repointed surfaces before application. Sealing and caulking compounds should be in place and cured.

Though Siloxane PD may be applied to slightly damp surfaces, best performance is achieved on clean, visibly dry and absorbent surfaces. Excessive moisture inhibits penetration, reducing the service life and performance of the treatment.

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

Window Glass Protection

Protect window glass before use. Sure Klean® Strippable Masking is effective protection for use with this product. If protecting windows is impractical, follow these steps:

1. Clean window glass thoroughly before application to nearby concrete or masonry.
2. Don't use in wind or when air or surface temperatures are hotter than 95°F (35°C).
3. Try to keep Siloxane PD off the glass.
4. After treated surfaces have been protected from water for 6 hours, if product is on window glass, clean as soon as possible with soap and warm water. Alternatively use PROSOCO's 2010 All Surface Cleaner to remove dried residues within 3-5 days.

Surface and Air Temperatures

Best surface and air temperatures are 40-95°F (4-35°C) during use and for 8 hours after. If freezing conditions exist before application, let masonry thaw. The water carrier may freeze at low temperatures or evaporate in high temperatures. Both conditions impair penetration and results. Cleanup is more difficult from surfaces hotter than 95°F (35°C).

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. 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.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.			
Substrate	Type	Use?	Coverage
Architectural Concrete Block*	Burnished	no	N/A
	Smooth	no	
	Split-faced	no	
	Ribbed	no	
Concrete	Brick*	yes	150-200 sq.ft. 14-19 sq.m.
	Tile	yes	
	Precast Panels♦	yes	
	Pavers	yes	
Fired Clay	Cast-in-place♦	yes	50-175 sq.ft. 5-16 sq.m.
	Brick	yes	
	Tile	yes	
	Terra Cotta (unglazed)	yes	
Marble, Travertine, Limestone	Pavers	yes	N/A
	Polished	no	
Granite	Unpolished	no	N/A
	Polished	no	
Sandstone	Unpolished*	no	75-125 sq.ft. 7-12 sq.m.
	Polished	yes	
Slate	Unpolished*	no	N/A

*Weather Seal Blok-Guard® & Graffiti Control 9 is a more appropriate product.
♦See specific application instructions for dense surfaces.
♦PROSOCO® SL100 may be a more appropriate product.
Always test to ensure desired results.
Coverage estimates depend on surface texture and porosity.



Product Data Sheet

Weather Seal Siloxane PD

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

Apply as packaged. Do not dilute or alter.

Vertical Application Instructions

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

Sprayer: Saturate from the bottom up, creating a 4–8 inch (15–20 cm) rundown below the spray contact point. Let the first application penetrate for 5–10 minutes. Re-saturate. Less will be needed for the second application.

Brush or Roller

Recommended for small scale application or when spray application is not appropriate. Contact PROSOCO for more information. Saturate uniformly. Let penetrate for 5–10 minutes. Brush out heavy runs and drips that don't penetrate.

Horizontal Application Instructions

Saturate in a single application. Use enough to keep the surface wet for 2–3 minutes before penetration. Broom out puddles until they soak in.

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.

Drying Time

Treated surfaces dry to touch in 1 hour. Protect surfaces from rainfall for 6 hours following treatment. Protect from foot and vehicle traffic until visibly dry. Siloxane PD gains its water-repellency properties in 72 hours.

Cleanup

Clean tools, equipment, and over spray with soap and warm water.

Paint Adhesion

Always test to make sure paint sticks to treated surfaces. Improve adhesion before painting by pressure water-rinsing the treated surface, then letting it dry.

Some cementitious coatings, plaster, stucco, etc. may not adhere well to treated surfaces. Install them first and let them thoroughly cure before application. Always test to verify compatibility between Siloxane PD 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. Call Customer Care at 800-255-4255, or visit our website at prosoco.com, for the name of the PROSOCO representative in your area.