DESCRIPTION AND USE
Sure Klean® Weather Seal Siloxane WB Concentrate is a concentrated water repellent designed for dilution with fresh water at the job site. This solvent-free blend of silanes and oligomeric alkoxysiloxanes mixes easily with water 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. 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.
• Ideal for field or in-plant treatment of precast concrete.
• Complies with all known national, state and district AIM VOC regulations.

Limitations
• Product must be applied within 24 hours of dilution for maximum effectiveness.
• Will not prevent water penetration through structural cracks, defects or open joints.

TYPICAL TECHNICAL DATA
FORM: Clear amber liquid
SPECIFIC GRAVITY: .96
pH: NA
WT/GAL: 7.9 lbs.
ACTIVE CONTENT: 100%
TOTAL SOLIDS: 48% ASTM D 5095
FLASH POINT: 69°F (21°C) concentrate 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

VOC Information for Recommended Dilutions
CARB SCM Districts, SCAQMD and the NEOTC include a category for Low Solids Coatings with a VOC limit of 120 g/L. This product is compliant in the Low Solids category with a VOC content <50 g/L when diluted at a 1:7 ratio with water.

CARB SCM Districts: max VOC content 120 g/L of material
SCAQMD: max VOC content 120 g/L of material
NEOTC: max VOC content 120 g/L of material

US EPA: max VOC content 600 g/L of coating
Maricopa County, AZ: max VOC content 400 g/L of coating

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 nonmasonry surfaces. Protect/divert pedestrian and auto traffic.

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Type</th>
<th>Use?</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural Concrete Block</td>
<td>Burnished*</td>
<td>yes</td>
<td>75-125 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Smooth</td>
<td>yes</td>
<td>30-100 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Split-faced</td>
<td>yes</td>
<td>30-85 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Ribbed</td>
<td>yes</td>
<td>30-85 sq.ft.</td>
</tr>
<tr>
<td>Concrete</td>
<td>Brick</td>
<td>yes</td>
<td>75-150 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Tile</td>
<td>yes</td>
<td>100-150 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Precast Panels</td>
<td>yes</td>
<td>125-200 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Pavers</td>
<td>yes</td>
<td>100-200 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Cast-in-place</td>
<td>yes</td>
<td>125-200 sq.ft.</td>
</tr>
<tr>
<td>Fired Clay</td>
<td>Brick</td>
<td>yes</td>
<td>100-250 sq.ft.</td>
</tr>
<tr>
<td></td>
<td>Tile</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Terra Cotta Pavers</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>Marble, Travertine, Limestone</td>
<td>Polished</td>
<td>no</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>Unpolished</td>
<td>no</td>
<td>NA</td>
</tr>
<tr>
<td>Granite</td>
<td>Polished</td>
<td>no</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>Unpolished</td>
<td>no</td>
<td>NA</td>
</tr>
<tr>
<td>Sandstone</td>
<td>Unpolished</td>
<td>yes</td>
<td>60-100 sq.ft.</td>
</tr>
<tr>
<td>Slate</td>
<td>Unpolished</td>
<td>no</td>
<td>NA</td>
</tr>
</tbody>
</table>

*Not effective if pretreated with an acrylic coating. Coverage rates will vary depending on dilution. Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.
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. When applying to exteriors of occupied buildings may 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. If necessary, thoroughly clean the surface using the appropriate Sure Klean® product. Excessive moisture inhibits penetration and reduces the service life and performance of the treatment.

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

**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**

Apply with brush, roller or low-pressure spray (<50 psi). Fan tips are recommended for sprayers. Avoid atomization of material.

**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**

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

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

**Dilution**

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

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.

**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

**Vertical Application Instructions**

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

1. When applying by spray, apply in a saturating application from the bottom up. Apply enough material to create a 4” to 8” (15 to 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 and then reapply in the same saturating manner. Less material will be required for the second application.

3. When using a brush or roller, 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 Application Instructions**

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 Surface Application Instructions**

On dense surfaces 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.

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.

**SAFETY INFORMATION**

Sure Klean® Weather Seal Siloxane WB Concentrate is a solvent carried product and may cause symptoms typical with organic solvent exposures. Product as supplied is flammable and is combustible at dilution. Use appropriate ventilation, 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 for instruction on safely inducing vomiting. If vomiting occurs, keep head below hips to avoid aspiration. Risk of methanol poisoning decreases with dilute product.

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

*Skin Contact:* Remove contaminated clothing and rinse thoroughly. Seek medical assistance if persistent irritation develops. Launder contaminated clothing before reuse.

*Inhalation:* No ill effects expected. Remove to fresh air. If not breathing, give artificial respiration. Get 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.

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 web site at www.prosoco.com, and request the name of the Sure Klean® Weather Seal representative in your area.