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PROSOCO®

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Saltguard® WB

INDOOR ADVANTAGE GOLD
BUILDING MATERIALS

PROSOCO Saltguard® WB is a ready-to-use water-based, VOC compliant silane/siloxane water repellent and "chloride screen" for the protection of concrete and masonry. Low odor and alkaline stable, Saltguard® WB is ideal for field or in-plant application to concrete and most masonry. Saltguard® WB protects horizontal and vertical surfaces from moisture intrusion and chemical attack of chloride salts.

In coastal areas, Saltguard® WB protects against salt air by screening chlorides from penetrating through concrete to the reinforcing steel. Saltguard® WB reduces rebar corrosion and surface spalling caused by water-carried salts. Use Saltguard® WB on horizontal surfaces such as driveways, sidewalks, and tile, brick and sandstone pavers. Provides excellent protection for retaining walls, bridge pilings and other vertical areas exposed to de-icing salts.

Saltguard® WB is an effective alternative to conventional solvent-based silanes and siloxanes. Saltguard® WB penetrates and chemically bonds deep within the concrete or masonry substrate to provide long-lasting protection against moisture intrusion and water-related staining or deterioration. Properly applied, Saltguard® WB produces no surface film. Treated surfaces keep their natural breathing characteristics and natural appearance.

TYPICAL TECHNICAL DATA

FORM	white liquid, odorless
SPECIFIC GRAVITY	0.997
pH	7–8
WT/GAL	8.24 lbs
ACTIVE CONTENT	5%
TOTAL SOLIDS	4.2%
VOC CONTENT	<25 g/L low solids coating
FLASH POINT	>212° F (>100° C)
FREEZE POINT	32° F (0° C)
SHELF LIFE	1 year in tightly sealed, unopened container

ADVANTAGES

- **Penetrates to produce long-lasting protection on vertical or horizontal surfaces**
- **Water-based formula minimizes explosion and fire hazards associated with alcohol- or solvent-based water repellents**
- **Easy soap-and-water cleanup from window glass, window frames and equipment**
- **Low odor reduces risk of application to occupied buildings**
- **Alkaline stable – suitable for new "green" concrete, 14–28 days old**
- **Treated surfaces "breathe" – doesn't trap moisture**
- **Resists water penetration when applied over existing shrinkage cracks of 0.02 inches or less**
- **Effective protection against de-icing salts and salt air**
- **Complies with all known national, state and district AIM VOC regulations**

Limitations

- Not appropriate for use on limestone, marble, travertine or other calcareous stones. Always test other natural stone to ensure desired results
- Do not apply at temperatures above 95°F (35°C). Higher temperatures evaporate the water carrier, which may result in an uneven appearance
- Always test for proper penetration when applying to tightly troweled concrete, such as garage floors
- Not suitable for protecting surfaces subject to constant water spray (car washes)
- Not suitable for application to coated surfaces or surfaces previously treated with water repellents or liquid hardeners
- Will not prevent water penetration through structural cracks, defects or open joints
- Saltguard® WB is not suitable for application to synthetic resin paints, gypsum, or other non masonry surfaces. The product may not be suitable for surfaces to receive paints or coatings. Always test for compatibility
- Not recommended for below-grade application

REGULATORY COMPLIANCE

VOC Compliance

PROSOCO Saltguard® WB 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.

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, property, vehicles and all surfaces not set for treatment from spray, wind drift and fumes. Protect and/or divert pedestrian and auto traffic. Though Saltguard® WB has very little odor, avoid exposing building occupants to fumes. Maintain adequate ventilation when working on interior surfaces.

Thoroughly clean the surface using the appropriate PROSOCO product. Remove any curing compound or previous sealer. Contaminants on the surface, including curing compounds and previous sealers, may interfere with Saltguard® WB's ability to penetrate the surface.

Though Saltguard® WB may be applied to slightly damp surfaces, best performance is achieved on clean, visibly dry and absorbent surfaces. Excessive moisture inhibits penetration and reduces the service life and performance of the treatment. Clean newly constructed and repointed surfaces before application. Saltguard® WB will not impair adhesion of most sealing and caulking compounds. Always test for compatibility.

Protecting Window Glass

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

1. Clean window glass thoroughly before applying product to nearby concrete or masonry.
2. Do not use Saltguard® WB in wind or when air or surface temperatures are hotter than 95°F (35°C).
3. Try to keep product 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 Klean 'N Release Cleaner or 2010 All Surface Cleaner to remove dried residues within 3–5 days.

Surface & Air Temperatures

Surface and air temperatures must be at least 40°F (4°C) during application and for 8 hours following, and should not exceed 95°F (35°C).

Higher temperatures evaporate the water carrier, reducing penetration and may result in an uneven appearance. Apply to shaded surfaces and before daytime air and surface temperatures reach their peak. Keep containers closed and out of sunlight when not in use.

If freezing conditions exist before application, let masonry thaw thoroughly. Subfreezing temperatures will freeze/crystallize Saltguard® WB, inhibiting penetration and significantly impairing results.

Equipment

Preferred method of application is with low-pressure (<50 psi), pump type spray equipment. Fan tips are recommended to avoid atomization of 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 & Handling

Keep from freezing. 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.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use. ALWAYS TEST each type of surface and coating for suitability and results before 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 using the following application instructions. Let test area dry thoroughly before inspection. Over application or improper application may result in a slight darkening or mottled appearance.

Dilution
Do not dilute or alter material, or use for purposes other than specified. Mix well before applying.

Typical Coverage Rates
Coverage varies based on substrate porosity and texture. Always test.
- 50–300 square feet per US gallon
- 5–28 square meters per US gallon

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

Spray Application: saturate from the bottom up. Apply enough for a 4 to 8 inch (15–20 cm) rundown below the spray contact point. Let the first application penetrate for 5–10 minutes. Reapply in the same saturating manner. Less material will be needed for the second application. **NOTE**: When spray applying to fluted architectural block, spray in an "overlapping X pattern" for complete coverage of recessed surfaces.

Brush or Roller: *Recommended for small scale application or when spray is not appropriate. Contact PROSOCO for more information.* Apply uniformly. Saturate the surface. Let product penetrate for 5–10 minutes. Brush out heavy runs and drips that do not penetrate.

Horizontal Application Instructions
NOTE: Always test for proper penetration on tightly troweled concrete, such as garage floors, where the tight finish or residual curing and sealing compound(s) may interfere with Saltguard® WB's ability to penetrate the surface.

1. Apply in a single saturating coat. Use enough to keep the surface wet for 2–3 minutes before penetrating. Do not over apply.
2. Broom out all puddles thoroughly until they penetrate the surface. Wipe up all excess material.

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. When treating tightly troweled concrete, such as garage floors, always test for proper penetration before overall application. See "NOTE" above for Horizontal Application.

Drying Time
Treated surfaces will dry to touch within 1 hour. Protect surfaces from rainfall for a minimum of 6 hours following treatment. Treated surfaces will be ready for pedestrian and vehicle traffic in 24 hours. Water repellency of treated surfaces will increase for up to 14 days after application.

Cleanup
Clean tools, equipment and surfaces affected by over spray with soap and warm water.

Paint Adhesion
Surfaces treated with Saltguard® WB may be coated with silicone emulsion paints 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 Saltguard® WB. Always test to verify compatibility between Saltguard® 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.