



Saltguard® VOC

PROSOCO Saltguard® VOC is a general-purpose silane/siloxane water repellent and chloride screen for concrete and masonry, including concrete block, and clay and concrete brick surfaces. Saltguard® VOC protects horizontal and vertical surfaces from moisture intrusion and chemical attack of chloride salts, reducing rebar corrosion and surface spalling. Saltguard® VOC is compliant for use in cooler climates.

Saltguard® VOC may be used on horizontal surfaces such as sidewalks, tile and brick pavers. It also provides excellent protection for retaining walls, bridge pilings and other vertical areas. In coastal areas, Saltguard® VOC protects against salt air by reducing chloride penetration. Saltguard® VOC also prevents deep-seated staining by mud splashes and other waterborne contaminants.

REGULATORY COMPLIANCE

VOC Compliance

PROSOCO® Saltguard® VOC is compliant with the US Environmental Protection Agency's AIM VOC regulations. Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403).

Visit www.prosoco.com/voc-compliance 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

ADVANTAGES

- **Non film-forming.** Will not create a slippery surface.
- **Effective chloride ion screen** protects against salts and salt air.
- **Deep penetration.**
- **Alkaline stable** – suitable for new “green” concrete, 14–28 days old.
- **Treated surfaces “breathe”** – does not trap moisture.
- **Suitable for sale in most states and districts** with more restrictive AIM VOC regulations.

Limitations

- Not suitable for application to synthetic resin paints, gypsum, plaster or other non-masonry surfaces.
- May not be suitable for surfaces receiving paints or coatings. Always test.
- May cause slight darkening on some surfaces.
- May adhere to glass. Contact PROSOCO for removal recommendations.
- Not suitable for protecting surfaces subject to constant water spray.
- Will not compensate for structural or material defects.
- Not recommended for below grade application.

TYPICAL TECHNICAL DATA

FORM	Clear liquid
SPECIFIC GRAVITY	1.04
pH	not applicable
WT/GAL	8.69 lbs
ACTIVE CONTENT	11.47%
TOTAL SOLIDS	9.21% ASTM D 2369
VOC CONTENT	<100 g/L
FLASH POINT	63° F (17° C) ASTM D 3278
FREEZE POINT	38° F (3° C)
SHELF LIFE	1 year in tightly sealed, unopened container

Product Data Sheet

PROSOCO® Saltguard® VOC

PREPARATION

Protect people, vehicles, nearby property, metal and anodized aluminum, glass, plants and all non-masonry from product, fumes, spray and wind drift. Divert and/or protect auto and pedestrian traffic. Protect window glass.

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, 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.

If possible, install all caulking, patching and joint sealants before application. If impractical, special joint preparation may be required to ensure caulk adhesion.

For maximum penetration, clean surfaces thoroughly with the appropriate PROSOCO cleaner to remove all surface dirt, oil, grease and other contaminants.

New concrete should be thoroughly cured before application. Do not attempt application where condensation is present.

Specifier's Note – Curing New Concrete: Blanket or water curing is recommended whenever possible. Dissipating curing agents are recommended. Avoid over application of the curing agent. For best performance, remove all other surface films and contaminants before application.

Surface and Air Temperatures

Best air and masonry surface temperatures for use are between 40–90°F (4–32°C). On warm days, apply early in the day and to shaded areas. If freezing conditions exist before application, let masonry thaw.

Equipment

Recommended application is by high volume, low-pressure (<50 psi) spray. Sprayers must be fitted with solvent-resistant hoses and gaskets. Fan spray 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 and Handling

WARNING: Highly flammable liquid and vapor.

Store in a cool, dry place away from potential ignition sources. Keep tightly closed when not dispensing. 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 rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Dilution & Mixing

Apply as packaged. Do not dilute or alter.

Stir or mix well before use.

Typical Coverage Rates

Coverage varies based on surface porosity and texture. Always test.

- 50–300 square feet per US gallon
- 5–28 square meters per US gallon

Application Instructions

Vertical Surfaces

Spray Application: Apply with low-pressure (<50 psi) spray in a flooding application from the bottom up. Apply enough material for a rundown below the spray pattern. Brush out heavy runs and drips thoroughly so that the material completely penetrates the surface.

NOTE: When spray applying to fluted architectural block, spray in an “overlapping X pattern” for complete coverage of recessed surfaces.

Porous Surfaces: Porous surfaces will require a “wet-on-wet” application. Let the first application penetrate for 5 to 10 minutes and then reapply. Do not let any of the first application dry before making the second application. Less material will be required on the second application.

Product Data Sheet

PROSOCO® Saltguard® VOC

Brush/Roller Application: Recommended for small scale application or when spray application is not appropriate. Contact PROSOCO for more information. Saturate the surface to the point of rejection. Brush out heavy runs and drips thoroughly so that the material completely penetrates the surface.

Horizontal Surfaces

Apply in a single, saturating application so that treated surfaces stay wet for a few minutes before penetrating. Broom out surface residues, pools and puddles until they completely penetrate the surface.

Drying Time

Protect treated surface from rain and pedestrian traffic for 4–6 hours following application. Protect treated surfaces from vehicular traffic for 8–12 hours after treatment. Saltguard® VOC gains its water-repellency properties in 72 hours.

Cleanup

Clean tools and equipment immediately with mineral spirits or equivalent cleaning solvent.

BEST PRACTICES

Use the appropriate PROSOCO prep cleaner to remove contaminants from existing concrete before applying Saltguard® VOC. Stains and soiling may interfere with penetration.

For recommendations on removing stains and coatings, visit www.prosoco.com, call PROSOCO technical Customer Care at 800-255-4255 or contact your local PROSOCO field representative.

Recommended application for PROSOCO protective treatments is high volume, low-pressure (<50 psi) spray equipment with a fan-type spray tip and adjustable pressure to avoid atomization of the material.

Always saturate the surface uniformly. Give the treatment a few minutes to penetrate, but brush out pools and puddles quickly.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care at 800-255-4255.

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 www.prosoco.com, for the name of the PROSOCO representative in your area.