

PROSOCO Saltguard® VOC Water Repellent Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use the manufacturer's application instructions. Let test area dry thoroughly before inspection. Keep test panels available for comparison throughout the protective treatment project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufacturer

PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

Product Description

PROSOCO Saltguard® is a general-purpose silane/siloxane water repellent and chloride screen for concrete and masonry. 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.

PROSOCO 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 ion penetration. Saltguard® VOC also prevents deep-seated staining by mud splashes and other waterborne contaminants.

Typical Technical Data

FORM: Clear liquid

SPECIFIC GRAVITY: 1.04

pH: not applicable

WEIGHT/GALLON.: 8.69 pounds

ACTIVE CONTENT: 11.47 percent

TOTAL SOLIDS: 9.21 percent ASTM D2369

FLASH POINT: 63 degrees Fahrenheit (53 degrees Celsius) ASTM D3278

FREEZE POINT: 38 degrees Fahrenheit (3 degrees Celsius)

SHELF LIFE: 2 years in tightly sealed, unopened container

VOC CONTENT: <100 g/L

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.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read “Preparation” in the Manufacturer’s Product Data Sheet and all safety information in the Manufacturer’s Safety Data Sheet for Saltguard® VOC. Refer to the Product Data Sheet for additional information about application of Saltguard® VOC. Do not dilute or alter.

Vertical Applications

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.

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

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.

Porous Surfaces Application: 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.

Horizontal Applications: 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.

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