

Stand Off[®] SLX100 Water & Oil Repellent 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. See also PROSOCO Section 07190 Water Repellents.

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 protective treatment cure before inspection. Keep test panels available for comparison throughout the cleaning project.

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

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Product Description

Stand Off[®] SLX100 Water & Oil Repellent is a "neat" silane system that offers water and oil repellency protection to granite and other dense, color-sensitive surfaces. The small molecular structure of SLX100 allows for maximum penetration at coverage rates higher than that of conventional silanes, architectural coatings and sealers. Additionally, this low VOC treatment forms an effective chloride screen that reduces surface erosion and corrosion of rebar in reinforced concrete caused by water and water-carried salts.

Technical Data

ACTIVE SUBSTANCE: Modified alkyl alkoxysilane

ACTIVE CONTENT: 100%

FORM: Clear liquid, slight solvent odor

SPECIFIC GRAVITY: .913

FLASH POINT: 80 degrees F (27 degrees C) (ASTM D 3278)

FREEZE POINT: <-22 degrees F (-30 degrees C)

WT./GAL.: 7.60 lbs.

VOC: < 400 grams/liter

Limitations

- Not recommended for asphalt or other nonmasonry materials.
- Surface and air temperatures should not exceed 90 degrees F (32 degrees C) at the time of application. Avoid application on hot, windy days.
- Not recommended for below-grade applications or for use under hydrostatic pressure.

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

Application

Before applying, read "Protect" and "Precautionary Measures" sections in the Manufacturer's Product Data Sheet for SLX100 Water & Oil Repellent. Refer to the Product Data Sheet for additional information about application of SLX100 Water & Oil Repellent. Do not dilute or alter.

Vertical Surfaces:

1. Apply protective treatment in a single, saturating application. Use enough to thoroughly wet the surface and create a slight rundown below the spray pattern. Apply uniformly. Don't overapply.
2. Brush heavy runs and drips thoroughly into the surface.

Horizontal Surfaces:

1. Apply protective treatment in a single application. Use enough material to keep the surface wet for about a minute before penetrating.
2. Broom out all puddles thoroughly until they completely penetrate the surface.
3. Wipe down excess with a clean, absorbent towel.

Porous Surfaces:

Two applications of protective treatment will provide superior protection. Apply the second coat within a few minutes after the first coat has penetrated and appears dry.