

Stand Off® Impregnator 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 protective treatment cure 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.

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Product Description

Stand Off® Impregnator is a water and oil repellent that prevents staining by waterborne or oily substances. This modified alkyl alkoxy silane treatment offers invisible protection and low volatility. Impregnator 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 alkoxy silane

ACTIVE CONTENT: 32%

FORM: Clear liquid with mild petroleum odor

SPECIFIC GRAVITY: 0.810

FLASH POINT: 116 degrees F (47 degrees C) (ASTM D 3278)

WT./GAL.: 6.73 lbs.

VOC: 670 grams/liter

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

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 effective on limestone or marble. Always test natural stone to ensure desired results.
- 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 Impregnator. Refer to the Product Data Sheet for additional information about application of Impregnator. Do not dilute or alter the product.

Vertical Application Instructions

1. Apply product in a single, saturating application with enough material to thoroughly wet the surface and create a slight rundown below the spray pattern. Apply uniformly and avoid overapplication.
2. Brush heavy runs and drips thoroughly into the surface.

Horizontal Application Instructions

1. Apply product in a single application with sufficient material so that the surface remains wet for approximately 1 minute before penetrating.
2. Broom out all puddles thoroughly until they completely penetrate the surface or wipe down any excess with clean, absorbent towel.

Porous Surfaces

On porous substrates, apply the second coat immediately after the first coat has penetrated to obtain superior protection.