

Consolideck® Concrete Protector SB Water, Oil & Stain 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 cleaning 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

Consolideck® Concrete Protector SB is a penetrating, reactive treatment that provides water, oil and stain repellency for every kind of finished concrete floor. Treated surfaces retain their natural textures and breathability. Concrete Protector SB improves stain resistance and simplifies maintenance cleaning of interior and exterior, horizontal and vertical concrete surfaces. Solvent-based and low-odor, Concrete Protector SB is a VOC-compliant protective treatment that is easily applied with pump-up sprayers.

Typical Technical Data

FORM: clear, colorless liquid

SPECIFIC GRAVITY: 0.96

pH: not applicable

WEIGHT/GALLON: 7.99 pounds

ACTIVE CONTENT: 13 percent

TOTAL SOLIDS: 13 percent (ASTM D2369)

VOC CONTENT: less than 100 g/L maximum.

FLASH POINT: greater than 170 degrees Fahrenheit (greater than 77 degrees Celsius)

FREEZE POINT: less than negative 22 degrees Fahrenheit (less than negative 30 degrees Celsius)

SHELF LIFE: 1 year in tightly sealed, unopened container

Limitations

- May slightly darken concrete surfaces.
- Not for use on surfaces exposed to standing or pooling water.
- Will not compensate for structural defects or bridge cracks, gaps and voids.
- Not suitable for surfaces subjected to below grade water exposure.
- Will not provide UV protection to concrete floors colored with Consolideck® GemTone Stain or Consolideck® ColorHard.
- Always pretest to ensure desired results before overall application.

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

Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for Concrete Protector SB. Refer to the Product Data Sheet for additional information about application of Concrete Protector SB.

Dilution

Apply as packaged. Do not dilute or alter material. Stir or mix well before use.

Horizontal Surfaces:

1. Lightly wet a clean microfiber pad with Concrete Protector SB, leaving the pad damp.
2. Use a clean, pump-up sprayer, work from one control joint to another applying a light, fine spray to a small section of the floor.
3. Use the damp microfiber pad and firm downward pressure to immediately spread Concrete Protector SB. Produce a thin, even application. Spread the product as far as possible while maintaining a wet edge.
4. Allow treated surfaces to dry tack-free, typically 60 to 90 minutes.

SPECIFIER NOTE: Best results are achieved when Concrete Protector SB is allowed to dry and cure for at least 4 hours prior to burnishing.

5. Once dry, Concrete Protector SB may be burnished using a high-speed burnisher fitted with a Consolideck® Heat Burnishing Pad or 1500 to 3000 grit diamond polishing pad suitable for use on high-gloss finishes.

SPECIFIER NOTE: in addition to smoothing and polishing the treated surface, high-speed burnishing can help to remove any surface haze from possible over application.

6. Repeat steps 1 through 5 above, as necessary, to provide additional stain protection. Apply up to two coats for maximum protection. Subsequent application or applications over surfaces treated with Consolideck® LSGuard® or Consolideck® PolishGuard will require less material and may take longer to dry.

Vertical Surfaces:

Apply uniformly with low-pressure, pump-up sprayer using enough Concrete Protector SB to saturate the surface. Brush out heavy runs or drips thoroughly for uniform coverage. An additional coat can be applied after material has dried for at least 60 to 90 minutes. The second coat will take less material.

Cleanup

Clean tools and equipment with mineral spirits or equivalent cleaning solvent before product dries. Immediately wipe off over-spray from glass, aluminum or other surfaces.