PROSOCO® SingleStep® WB Cure-and-Seal 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 manufacturer’s application instructions. Let the test panel dry 3 to 7 days 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

PROSOCO® SingleStep® WB is a water-based acrylic-silane blend for curing and weatherproofing new concrete in one easy step. SingleStep® WB penetrates quickly to form a water-repellent gel in the pores and a semi-glossy film on the surface. This film helps keep concrete moist until it reaches maximum hardness. The cured concrete resists damaging water penetration, salts, and de-icer chemicals. SingleStep® WB is quick curing and beads water after 24 hours. Water repellency of treated surfaces will increase for up to 72 hours. SingleStep® WB is ideal for parking garages, athletic stadiums, engineered concrete structures and sidewalks. PROSOCO® SingleStep® WB meets the requirements of ASTM C309, Type 1 Classes A & B, AASHTO M-148, Type 1, Classes A & B.

# Typical Technical Data

FORM: white, opaque liquid; mild odor

SPECIFIC GRAVITY: 1.01

pH: not applicable

WEIGHT/GALLON: 8.43 pounds

ACTIVE CONTENT: 18 percent

TOTAL SOLIDS: 17 percent

FLASH POINT: greater than 212 degrees F (greater than 100 degrees C)

FREEZE POINT: 32 degrees F (0 degrees C)

SHELF LIFE: 2 years in tightly sealed, unopened container

VOC CONTENT: less than 120 grams per Liter

# Limitations

* May show rubber burns.
* Not gasoline resistant.
* Do not use on carbonated concrete.
* Not designed for application to asphaltic or painted surfaces. Always test.
* Not for surfaces set for coatings or bonded overlays.
* Not for use around pools or fountains.
* Will not prevent water penetration through structural cracks, defects or open joints.
* Not recommended for below-grade application.
* For curing interior steel-troweled concrete, PROSOCO’s DensiKure is more appropriate.
* Not available for use in California’s South Coast Air Quality Management District due to VOC restrictions.

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 PROSOCO® SingleStep® WB. Apply as packaged. Do not dilute or alter. Stir or mix well before use.

***New Concrete:*** Apply SingleStep® WB immediately after all surface water has disappeared and surface cannot be marred. Use low pressure spray, roller or brush to apply uniformly without creating puddles.

SPECIFIER NOTE: Application too early or too late can affect the overall curing performance.

SPECIFIER NOTE: Multiple thin coats are preferable over heavy coats.

SPECIFIER NOTE: Application of a second coat, after the first coat has dried, provides a longer lasting, higher gloss film with improved water retention properties.

SPECIFIER NOTE: When applying to sidewalks, apply to the vertical edges after the form work has been removed.

**Drying Time:** PROSOCO® SingleStep® WB dries to the touch in 2 to 3 hours. Protect freshly treated concrete from foot traffic for 8 hours, and from water and traffic for at least 12 hours. Dry time does depend on temperature, wind and humidity.

**Cleanup**: Clean tools and equipment with clean water while product is still wet. Dried material may be removed with appropriate solvent.