



SingleStep® WB

PROSOCO® SingleStep® WB is an acrylic-silane blend for curing and weatherproofing new and existing concrete in one easy step. SingleStep® WB quickly penetrates 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 deicer chemicals. Quick-curing SingleStep® WB beads water after 24 hours. Water repellency of treated surfaces will increase for up to 72 hours.

PROSOCO® SingleStep® WB offers a fast, easy, effective alternative to curing compounds that require costly, time-consuming water curing and removal. It is ideal for parking garages, athletic stadiums, engineered concrete structures and sidewalks, as well as interior concrete.

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
WT/GAL	8.43 lbs
ACTIVE CONTENT	18%
TOTAL SOLIDS	17%
VOC CONTENT	<120 g/L
FLASH POINT	>212° F (>100° C)
FREEZE POINT	32° F (0° C)
SHELF LIFE	2 years in tightly sealed, unopened container

ADVANTAGES

- Effectively cures new concrete
- Keeps harmful deicing salts out of concrete
- Extends concrete service life
- Quickly develops water repellency and chemical resistance
- Prevents loss of silane ingredients due to evaporation
- Resists water penetration when applied over existing shrinkage cracks of 0.02 inches or less
- Suitable for sale in most states and districts with more restrictive AIM VOC regulations

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
- For curing interior steel-troweled concrete, PROSOCO's DensiKure may be more suitable
- 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
- Not available for use in California due to VOC restrictions

REGULATORY COMPLIANCE

VOC Compliance

PROSOCO® SingleStep® WB is compliant with the US Environmental Protection Agency's AIM VOC regulations. Visit www.prosoco.com/voccompliance to confirm compliance with individual district or state regulations.

Product Data Sheet

PROSOCO® SingleStep® WB

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

PREPARATION

Protect people, vehicles, property, plants, windows and all non-masonry surfaces from product, splash, residue, fumes and wind drift. Protect and/or divert foot and auto traffic.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone. Avoid exposing passersby and building occupants to product, fumes and mist.

Though SingleStep® WB may be applied to existing concrete of any age, PROSOCO's DensiKure may be a better choice for curing interior, steel-troweled concrete. Contact PROSOCO at 800-255-4255 for more information.

Concrete surfaces must be clean and structurally sound.

For new concrete, wait at least 3 hours after freshly poured concrete has received final finishing, and all surface water is gone before application.

Existing concrete should be clean and dry before treatment. Remove all foreign materials, including bond breakers, curing agents, surface grease and oil, and construction debris before application. Use the appropriate PROSOCO surface prep cleaner.

Surface and Air Temperatures

Surface and air temperatures must be at least 40° F (4° C) during application and for 8 hours following and should not exceed 90° F (32° C).

Higher temperatures evaporate the water carrier, reducing penetration and may result in an uneven appearance. Apply to shaded surfaces and before daytime air and surface temperatures reach their peak. Keep containers closed and out of sunlight when not in use.

If freezing conditions exist before application, let masonry thaw thoroughly. Subfreezing temperatures will freeze/crystallize SingleStep® WB, inhibiting penetration and significantly impairing results.

Equipment

Recommended application is by high-volume, low-pressure spray (<50 psi). Fit spray equipment with neoprene fittings. Fan spray tips are recommended to avoid atomization of the material.

For small scale application, or when spray application is not appropriate, product may be applied using brush or roller. Contact Customer Care or your local PROSOCO representative for more information.

Application equipment must be clean and dry before use.

Storage and Handling

Keep from freezing. Store in tightly sealed, original factory containers. Store in a horizontal position to prevent moisture accumulation on the drumhead. Store in a cool, dry place. Keep tightly closed when not dispensing. Published shelf life assumes storage of factory-sealed containers in a dry place. Maintain temperatures of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use. **ALWAYS TEST** a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. . Include in the test area any previous repairs and patches, including aesthetic cementitious finishes. Different surface compositions may result in absorption and/or appearance differences. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Dilution & Mixing

Apply as packaged. Do not dilute or alter, or use for applications other than as specified.

Stir or mix well before use.

Typical Coverage Rates

Coverage varies based on surface porosity and texture. Always test. The following is a guide for estimates only. Do not over apply.

New & Existing Concrete

- *1st Coat:* 200–300 sq.ft. / 18–28 sq.m.
- *2nd Coat:* 400–600 sq.ft. / 37–56 sq.m.

Product Data Sheet

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Application Instructions

New Concrete

Apply SingleStep® WB immediately after all surface water has disappeared and surface cannot be marred. **NOTE:** Application too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Apply uniformly without puddles. Multiple thin coats are preferable over heavy coats. Application of a second coat, after the first coat has dried, will provide a longer lasting, higher gloss film with improved water retention properties.

Existing Concrete

Application may begin as soon as prepared surfaces are dry and free of ponded water.

1. Using a low-pressure sprayer, apply a thin, uniform coat without producing puddles. Do not over apply.
2. Allow product to dry tack free. If needed for film uniformity, apply a second coat after the first coat has dried. Two light coats are preferable to one heavy coat.

NOTE: When applying to sidewalks, best practice is to apply SingleStep® WB to the vertical edges after the form work has been removed.

Drying Time

PROSOCO® SingleStep® WB dries to the touch in 2–3 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.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.**

The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our website at prosoco.com, for the name of the PROSOCO representative in your area.