

PROSOCO R-GUARD® EMERGENCY WaterStop: Specification for Emergency Repair Waterproof Sealant and Adhesive

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products distributed and/or 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 Material Safety Data Sheet for additional recommendations and for safety information

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Mock-Ups:

Apply to field-constructed mock-up assemblies illustrating material interfaces and seals. Use the manufacturer's application instructions. Keep mock-ups available for inspection throughout the 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 R-GUARD® EMERGENCY WaterStop is a gun-grade, wet sealant that combines the best of silicone and polyurethane properties. This single-component, Silyl-Terminated-Poly-Ether (STPe) is easy to gun and tool in all weather conditions and is immediately waterproof. EMERGENCY WaterStop seals and bonds to most building materials even when submerged in water. EMERGENCY WaterStop produces a durable, high-performance, high movement elastomeric sealant for use in forming a waterproof bead or membrane when repairing water leakage at windows, doors, skylights, gutters, flashing or other water-handling details.

Typical Technical Data

FORM: blue paste

SPECIFIC GRAVITY: 1.4 to 1.5

pH: Not applicable

WEIGHT/GALLON: 11.85 pounds per gallon

TOTAL SOLIDS: 99 percent

VOC: 30 grams per Liter, maximum

Complies with all known national, state and district AIM VOC regulations.

FLASH POINT: greater than 200 degrees Fahrenheit (greater than 93 degrees Celsius)

FREEZE POINT: Not applicable

SHELF LIFE: 1 year in tightly sealed, unopened container

Limitations

- Do not apply when temperatures are below 35 degrees Fahrenheit (2 degrees Celsius).
- Do not apply when temperatures are above 100 degrees Fahrenheit (43 degrees Celsius).

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

Installation

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for PROSOCO R-GUARD® EMERGENCY WaterStop. Refer to the Product Data Sheet for additional information about application. Use R-GUARD EMERGENCY WaterStop in concentrate. Do not dilute or alter. No mixing is required.

Application Instructions: Bead Sealant for Leaking Joints, Corners & Cracks

1. Install a continuous bead of EMERGENCY WaterStop in leaking joints, corners and cracks using a professional grade caulking gun. Install without gaps.
2. Tool immediately to fill flush and stop water leakage. Overlap no less than 2-inches onto adjacent surfaces. Ensure application is free of pinholes, voids or gaps in coverage.
3. Where horizontal and vertical surfaces meet, tool EMERGENCY WaterStop to ensure positive draining and prevent water and debris from accumulating in joints, corners or cracks.

Application Instructions: Waterproof Membrane

1. Apply a thick bead of EMERGENCY WaterStop in a zigzag pattern to a minimum thickness of 12 mils.
2. Immediately press and spread the wet product creating a monolithic waterproofing membrane that fills and surrounds the leak.
3. Apply and spread additional product as needed creating an opaque, monolithic waterproof membrane free of voids or pinholes.
4. Inspect the membrane before covering. Repair any punctures, translucent or damaged areas by applying additional EMERGENCY WaterStop.

Cure and Drying

PROSOCO R-GUARD® EMERGENCY WaterStop cures at the rate of 1/8 inch of depth per day. High humidity accelerates curing and drying time.

Coverage

Coverage varies depending on the width and depth of joints. Always test. When overlapping onto adjacent surfaces, rough surface irregularities will reduce coverage. When used as a membrane, coverage varies depending on surface irregularities.

- 9.8-oz cartridge 10 square feet sealed when applied at 12 mils

Cleanup

Clean tools and equipment immediately using mineral spirits or similar solvent.