PROSOCO R-Guard® Joint & Seam Filler WB

Specification for Fiber-Reinforced Fill Coat and Seam Treatment

*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

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# Product Description

PROSOCO R-Guard® Joint & Seam Filler WB is an acrylic, gun-grade, joint and seam filler that is easy to gun, spread and tool. Use Joint & Seam Filler WB to fill openings and create transitions where flexible reinforcement is required to bridge larger gaps and provide continuous support of fluid-applied flashing membranes, waterproofing or air barrier components.

Use Joint & Seam Filler WB as part of a continuous building-wide air barrier system, or to prepare surfaces for conventional waterproofing or air barrier components.

# TYPICAL TECHNICAL DATA

FORM: viscous paste with mild odor, orange color

SPECIFIC GRAVITY: 1.5 to 1.8

pH: 8 to 10

WEIGHT/GALLON: 12.5 to 15 pounds per gallon

TOTAL SOLIDS: 87 percent

FLASH POINT: No data

FREEZE POINT: 32 degrees Fahrenheit (0 degrees Celsius)

SHELF LIFE: 6 months in tightly sealed, unopened container

VOC: 25 grams per Liter, maximum. Complies with all known national, state and district AIM VOC regulations.

# Limitations

* Do not apply to contaminated or damp surfaces
* Keep product from freezing
* Not for application at surface or air temperatures below 40 degrees Fahrenheit (5 degrees Celsius) or above 100 degrees Fahrenheit (38 degrees Celsius)
* Not for use as a liquid flashing membrane. Use R-Guard FastFlash®
* Not for use in place of appropriate through-wall flashing. See R-Guard SS ThruWall product literature
* Not for use below grade or in locations which are continuously immersed in water
* May have slight incompatibility with some asphaltic materials or butyl adhesives. Always test first

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

# APPLICATION

Before applying, read “Preparation” section in the Manufacturer’s Product Data Sheet for R-Guard Joint & Seam Filler WB. Refer to the Product Data Sheet for additional information about application.

Use R-Guard Joint & Seam Filler WB in concentrate. Do not dilute or alter. No mixing is required.

SPECIFIER NOTE: product may skin quickly. Strike or spread product within 15 minutes of application, depending upon temperatures and humidity.

**Application Instructions: Filling Joints, Seams and Cracks Detailing Fastener Heads and Around Penetrations**

1. Apply a bead of Joint & Seam Filler WB to all sheathing joints, seams and cracks. Strike smooth with a dry tool. Detail over wood knots, deep cracks or surface irregularities to complete the surface preparation.
2. Use a joint knife, trowel or spatula to spread the product 1 inch beyond the sheathing seams on each side to a thickness of 24 to 36 mils.
3. Spot fastener heads and strike with a tool.
4. Allow surface to dry before installing other waterproofing or air barrier components.

SPECIFIER NOTE: Joint widths up to 3/8 inch may be treated without backer rod. Treat joints ranging from 3/8 to 1 inch with backer rod before applying Joint & Seam Filler WB. Joints larger than 1 inch must be structurally improved or addressed with R-Guard SureSpan EX transition extrusion.

**Application Instructions: Detailing and Waterproofing Fastener Penetrations (Window and Door Penetrations)**

1. Apply a bead of Joint & Seam Filler WB in each corner of the rough opening and at the sheathing to stud transition, then strike smooth with a tool.
2. Use a joint knife, trowel or spatula to tool and spread the product 1 inch beyond seam on each side to a thickness of 20 to 30 mils.
3. Allow treated surfaces to dry 12 to 24 hours before installing R-Guard FastFlash®.

SPECIFIER NOTE: Joint widths up to 3/8 inch may be treated without backer rod. Treat joints ranging from 3/8 to 1 inch with backer rod before applying Joint & Seam Filler WB. Joints larger than 1 inch must be structurally improved or addressed with R-Guard SureSpan EX transition extrusion.

# Curing and Drying

At 70 degrees Fahrenheit (21 degrees Celsius) and 50 percent relative humidity, R-Guard Joint & Seam Filler WB dries to the touch in 2 to 4 hours. Curing and drying times vary with temperature, humidity, joint width and surface conditions. Surfaces temperatures should remain at least 40 degrees Fahrenheit (4 degrees Celsius) and rising after application and until curing is completely.

Do not begin spray applications of subsequently applied coating until Joint & Seam Filler WB is dry to the touch. If back rolling or roller application is required, wait 12 to 24 hours. Protect from rain for 12 hours or until cured.

# Typical Coverage

Coverage varies based on surface texture and irregularities. Estimated coverage includes overlapping 1 inch on each side of the sheathing joint. Joint width varies from 0 to 0.25 inches.

* 60.5 to 93.5 lineal feet per 29 ounce cartridge
* 38.5 to 60.5 lineal feet per 20 ounce sausage
* 480 to 748 lineal feet per 2-gallon pail

# Cleanup

Clean tools and equipment with water immediately after use. Mechanically remove dried material.