

# PROSOCO R-Guard® FastFlash® Liquid-Applied Flashing Membrane Specification

*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 Safety Data Sheet for additional recommendations and for safety information*

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

## **Mock-Ups:**

Apply fluid-applied air barrier system 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](mailto:CustomerCare@prosoco.com)

## **Product Description**

PROSOCO R-Guard® FastFlash® is a waterproofing, adhesive and detailing compound for use as a liquid flashing membrane. R-Guard FastFlash® allows same day installation of windows, doors and other wall assembly, waterproofing or air barrier components. FastFlash® produces a highly durable, seamless, elastomeric flashing membrane. Use FastFlash® to adhere, transition and counter-flash R-Guard SS ThruWall or other through-wall sheet flashing.

The single-component Silyl-Terminated-Polymer (STP) bonds directly to damp or dry surfaces and cures under a variety of weather conditions. Appropriate for vertical or horizontal, above-grade applications, use R-Guard FastFlash® as part of a building-wide R-Guard Air & Water-Resistive Barrier system or to complement conventional waterproofing or air barrier components.

## **TYPICAL TECHNICAL DATA**

FORM: viscous paste, mild odor, red color

SPECIFIC GRAVITY: 1.40 to 1.55

pH: not applicable

WEIGHT/GALLON: 11.75 to 12.5 pounds per gallon

TOTAL SOLIDS: 99 percent

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  
VOC: 30 grams per Liter, maximum. Complies with all known national, state and district AIM VOC regulations.

#### Limitations

- Not for use installing R-Guard SureSpan EX.
- Not for use as a structural sealant.
- Not for use in place of appropriate through-wall flashing.
- Not for use below grade or in locations designed to be 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.*

#### Installation

Before applying, read “Preparation” and “Safety Information” sections in the Manufacturer’s Product Data Sheet for R-Guard FastFlash®. Refer to the Product Data Sheet for additional information about application.

Use R-Guard FastFlash® in concentrate. Do not dilute or alter or use for applications other than specified. Roller-Grade FastFlash® must be mixed before use with a low-speed drill and Jiffy Mixer paddle. Mix Roller-Grade FastFlash® well from top to bottom and side-to-side for a minimum of 3 minutes before use; avoid mixing air into the product. Once opened, Roller-Grade FastFlash® should be used immediately.

#### FILLING JOINTS, SEAMS AND CRACKS, DETAILING FASTENER HEADS AND AROUND PENETRATIONS

SPECIFIER NOTE: Roller-Grade FastFlash® is not for use in filling joints, seams and cracks. Reference Application Instructions for Gun-Grade FastFlash®.

SPECIFIER NOTE: Joint widths up to one-quarter (1/4) inch may be treated with FastFlash® without backer rod.

SPECIFIER NOTE: Gun-Grade FastFlash® may be used to detail joints, seam and cracks at three-eighths (3/8) inch width or less; however, R-Guard Joint & Seam Filler is more commonly used for these applications.

SPECIFIER NOTE: Treat joints ranging from three-eighths (3/8) inch to one (1) inch with backer rod and R-Guard Joint & Seam Filler.

SPECIFIER NOTE: Joints larger than one (1) inch must be structurally improved or addressed with R-Guard SureSpan EX transition extrusion.

#### **Gun-Grade Application Instructions**

1. Apply a bead of Gun-Grade FastFlash® to all sheathing joints, seams and cracks and strike smooth with a DRY tool. Detail over wood knots, deep cracks or surface irregularities to complete the surface preparation.

2. Use a DRY joint knife, trowel or spatula to tool and spread the product one (1) inch beyond the sheathing seams on each side to a thickness of 12 to 15 mils.
3. Spot fastener heads and strike with a dry tool.
4. Allow to skin before installing other waterproofing or air barrier components.

#### DETAILING AND WATERPROOFING ROUGH OPENINGS (WINDOW AND DOOR PENETRATIONS)

SPECIFIER NOTE: Joint widths up to one-quarter (1/4) inch may be treated with FastFlash® without backer rod.

SPECIFIER NOTE: Gun-Grade FastFlash® may be used to detail joints, seam and cracks at three-eighths (3/8) inch width or less; however, R-Guard Joint & Seam Filler is more commonly used for these applications.

SPECIFIER NOTE: Treat joints ranging from three-eighths (3/8) inch to one (1) inch with backer rod and R-Guard Joint & Seam Filler.

SPECIFIER NOTE: Joints larger than one (1) inch must be structurally improved or addressed with R-Guard SureSpan EX transition extrusion.

SPECIFIER NOTE: When using FastFlash® with existing sheet weather resistive barriers, extend FastFlash® 8 to 10 inches over the face of the exterior wall to ensure positive drainage.

#### **Gun-Grade Application Instructions:**

1. Apply a bead of Gun-Grade FastFlash® in each corner of the rough opening and at the sheathing-to-stud transition, then strike smooth with a DRY tool.
2. Apply FastFlash® over the exterior inside framing of the rough opening and onto the exterior vertical wall surface 4 to 6 inches to create a 12 to 15 mil thick monolithic, pinhole-free flashing surface.
3. Apply treated surfaces to skin over before installing windows, doors and other wall assembly components.
4. Proceed to application of primary air and water barrier coating.

#### **Roller-Grade Application Instructions**

1. Apply a bead of Gun-Grade FastFlash® in each corner of the rough opening and at the sheathing-to-stud transition, then strike smooth with a DRY tool.
2. Apply Roller-Grade FastFlash® over the exterior inside framing of the rough opening and onto the exterior vertical wall surface 4 to 6 inches to create a 12 to 15 mil thick monolithic, pinhole-free flashing surface.
3. Apply treated surfaces to skin over before installing windows, doors and other wall assembly components.
4. Proceed to application of primary air and water barrier coating.

#### FLASHING TRANSITIONS

#### **Gun-Grade Application Instructions**

1. Apply a minimum three-eighths (3/8) inch bead of Gun-Grade FastFlash® to the top edge of R-Guard SS ThruWall or other flashing leg. Strike with a DRY joint knife or caulking tool.
2. Apply and spread additional FastFlash® to create a monolithic “cap flash” flashing membrane that extends 2 inches (51 millimeters) up the vertical face of the exterior wall and down over the fastener heads of the SS ThruWall Termination Bar.

### **Roller-Grade Application Instructions**

1. Apply a minimum three-eighths (3/8) inch bead of Gun-Grade FastFlash® to the top edge of R-Guard SS ThruWall or other flashing leg. Strike with a DRY joint knife or caulking tool.
2. Apply Roller-Grade FastFlash® to create a monolithic “cap flash” flashing membrane that extends 2 inches (51 millimeters) up the vertical face of the exterior wall and down over the fastener heads of the SS ThruWall Termination Bar.

### **REPAIR**

#### **Application Instructions: Gun-Grade and/or Roller-Grade**

After applying R-Guard Spray Wrap MVP, Cat 5™, Cat 5™ Rain Screen, Spray Wrap Rain Screen, VB or other waterproofing or air barrier component, use FastFlash® to fill any cracks or voids to achieve a seamless, pinhole and void free coating.

#### **Curing and Drying**

At 70 degrees Fahrenheit (21 degrees Celsius) and 50 percent relative humidity, R-Guard FastFlash® skins within 30 to 60 minutes and dries in 4 to 6 hours.

SPECIFIER NOTE: R-Guard FastFlash® is moisture curing. Low temperatures and low relative humidity slow dry time. High temperatures and high humidity accelerate drying.

#### **Coverage**

Coverage varies depending on surface texture and irregularities. Coverage estimates for applications are:

- 22 to 28 square feet per 29-oz tube applied at 12 to 15 mils
- 15 to 17 square feet per 20-oz sausage applied at 12 to 15 mils
- 50 to 100 square feet per 1-gallon applied at 12 to 15 mils

#### **Cleanup**

Clean tools and equipment with mineral spirits or similar solvent immediately after use. Remove cured FastFlash® mechanically using a sharp-edged tool.