



# FastFlash®

*liquid-applied flashing membrane*

FastFlash\* is part of the family of PROSOCO R-GUARD® products developed to prevent the unwanted movement of water and air through building envelopes. Utilize FastFlash® as a liquid flashing membrane in rough openings and to counter-flash waterproofing and air barrier components in new or existing wall assemblies.

## OVERVIEW

PROSOCO R-GUARD® FastFlash® is a gun-grade waterproofing, adhesive and detailing compound that combines the best of silicone and polyurethane properties. This single-component, 99% solids, Silyl-Terminated-Poly-Ether (STPE) is easy to gun, spread and tool to produce a highly durable, seamless, elastomeric flashing membrane.

Use FastFlash® as a liquid flashing membrane in rough openings of structural walls.

Allows same day installation of windows, doors and other wall assembly, waterproofing or air barrier components.

Use FastFlash® to adhere, transition and counter-flash through-wall sheet flashing.

Suitable for all climates, FastFlash® bonds directly to damp or dry surfaces and cures under a variety of weather conditions. It simplifies the process of producing watertight details in new or existing construction.

Use FastFlash® as part of a continuous, building-wide air barrier system, or to complement conventional waterproofing or air barrier components.

Appropriate for vertical or horizontal above-grade applications to concrete, masonry, natural stone, structural sheathing, architectural metals, painted metals, glass, PVC, FRP, EPDM and most other building materials.

## SPECIFICATIONS

For all PROSOCO product specifications visit [www.prosoco.com](http://www.prosoco.com) and click on "SpecBuilder" or "Solution Finder."

## ADVANTAGES

- Solvent free. Isocyanate free. Complies with all VOC regulations.
- Silane functional polymer provides superior long term adhesion, crack bridging and weathering characteristics.
- Bonds to most common building materials without priming to produce a durable, structural, weather-tight seal which is not subject to tearing or displacement when subjected to wind loads during construction.
- Will not tear or lose effectiveness when exposed to weather during construction.
- May be exposed to weather for up to 6 months without compromising performance.
- Single component formulation saves time and requires no mixing.
- Easy to gun and spread in all climates.
- Produces an opaque membrane when installed at the recommended 12–15 wet mils to simplify inspection and quality control.
- Bonds and cures in wet weather and on damp substrates.

- Paintable with most paints after 2 hours.
- Compatible with most urethane, silicone and acrylic sealants and coatings.
- No shrinkage. No staining. No yellowing.
- Breathable – allows damp surface to dry.
- Will not support mold growth.
- Cured service temperatures: –75°F to 400°F.
- Meets IITS-0230C and ASTM-C-920.

## Limitations

- Not for use as a structural sealant. Use R-GUARD AirDam®.
- 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.

## REGULATORY COMPLIANCE

### VOC Compliance

PROSOCO R-GUARD® FastFlash® is compliant with the following national, state and district VOC regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts
- South Coast Air Quality Management District
- Maricopa County, AZ
- Northeast Ozone Transport Commission

# FastFlash®

## TYPICAL TECHNICAL DATA

R-GUARD FASTFLASH®	
FORM	brick red, gun-grade sealant
SPECIFIC GRAVITY	1.45 – 1.60
pH	Not applicable
WT/GAL	12.5 lbs/gal
ACTIVE CONTENT	99%
TOTAL SOLIDS	99%
VOC CONTENT	30 g/L maximum
FLASH POINT	No data
FREEZE POINT	No data
SHELF LIFE	1 year in unopened, factory-sealed container

## CURED PROPERTIES

Hardness, Shore A	40–45
Tensile Strength	180 psi
Elongation at Break	400%
Water Vapor Transmission	14 perms @ 12 mils
Peel Strength	25 pli
Accelerated Weathering	Passes
Surface Burning ASTM E 84	Flame Spread: 0 Smoke Developed: 15 NFPA and ICC Class A Building Material
Staining	Passes
Corrosive Properties	Non-corrosive

## UNCURED PROPERTIES

Cure Rate	3/16 inch thickness/24 hours
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\*PROSOCO R-GUARD® FastFlash® utilizes Wet-Flash® formulations developed by Building Envelope Innovations, LLC.

## PREPARATION

To ensure best results, apply to clean surfaces free of contaminants. Chemical residues, surface coatings or films may adversely affect adhesion.

Protect people, vehicles, property, plants and all other surfaces not intended to receive FastFlash®.

Remove and replace damaged sheathing.

In rough openings, prime all raw gypsum board edges with R-GUARD GypPrime.

Use R-GUARD Joint & Seam Filler to fill and tool all inside corners to ensure positive drainage. Fill and tool all cracks, joints and seams that measure up to 1/2 inch in width using R-GUARD Joint & Seam Filler.

Fill or repair any cracks larger than 1/2 inch. FastFlash® is fully compatible with urethane or silicone sealants.

Ensure positive drainage at all rough openings.

## Surface and Air Temperatures

Surface and ambient temperatures should be 35°F (2°C) and rising and below 110°F (43°C) during application and drying. Wind and high temperatures will accelerate drying of FastFlash®. If air or surface temperatures exceed 95°F (35°C), apply FastFlash® to shaded surfaces and before daytime air and surface temperatures reach their peak.

Though FastFlash® tolerates rain immediately after installation, do not apply to surfaces with standing water or frost.

## Equipment

Apply using a professional caulking gun. Use a DRY joint knife, trowel, or spatula to spread the product. Do not use soapy water when tooling or spreading.

## Storage & Handling

Store in a cool, dry place. Keep container tightly closed when not dispensing. Do not open container until preparation work has been completed. Do not alter or mix with other chemicals. When stored at or below 80°F (27°C) R-GUARD FastFlash® has a shelf life of 12 months after the date of manufacture. This

## ALWAYS TEST

**ALWAYS TEST** a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

shelf life assumes upright storage of factory-sealed containers. Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

## APPLICATION

Before use, read “Preparation” and “Safety Information.”

## Dilution

Apply as packaged. Do not dilute or alter, or use for applications other than specified. No mixing required.

## Coverage Rates

Coverage varies based on surface texture and irregularities. Theoretical coverage rates are calculated. Practical coverage rates are based on field experience, applied to irregular surfaces with varying surface textures.

PROSOCO R-GUARD® FastFlash® is sold in 29 oz tubes and 20 oz sausages.

### Flashing Membrane Estimator

FastFlash®	Theoretical	Practical
12–15 mils	24–30 sq.ft. per 29 oz tube	22–28 sq.ft. per 29 oz tube
	16–21 sq.ft. per 20 oz sausage	15–19 sq.ft. per 20 oz sausage

# FastFlash®

## Application Instructions

### PREPARE

Prepare all surfaces as described above under "Preparation." Once preparation is complete, cut open tip of threaded fitting, install nozzle and cut nozzle to desired opening.

### Waterproofing Rough Openings

1. Apply a thick bead of FastFlash® over any visible gaps in the prepared rough opening.
2. Immediately press and spread the wet product into the gaps.
3. Allow treated surfaces to skin.
4. Starting at the top, apply a thick bead of FastFlash® in a zigzag pattern to the structural wall surrounding the rough opening.
5. Spread the wet product to create an opaque, monolithic flashing membrane which surrounds the rough opening and extends 4 to 6 inches (100–152 mm) over the face of structural wall. Apply and spread additional FastFlash® as needed to create an opaque, monolithic flashing membrane which is free of voids or pin holes.
6. Apply additional product in a zigzag pattern over the structural framing inside the rough opening. *NOTE:* When using R-GUARD FastFlash® with existing sheet weather resistive barriers, extend FastFlash® 8-10 inches over the face of the structural wall to ensure positive drainage.
7. Spread the wet FastFlash® to create an opaque, monolithic flashing membrane which covers the inside of the rough opening and mates with the adjacent membrane which surrounds the rough opening. Apply and spread additional product as needed to produce an opaque, monolithic flashing membrane which is free of voids or pin holes.
8. Allow treated surfaces to skin before installing windows, doors and other wall assembly, waterproofing or air barrier components.

### PROTECT

Apply PROSOCO R-GUARD® Spray Wrap, MVP, VB, TMVP, Cat 5® or other waterproofing or air barrier component pursuant to manufacturer instructions.

### TRANSITION

#### Flashing Transitions

1. Fill any voids between the top of the flashing leg and the vertical wall with Joint & Seam Filler. Tool to direct water from the vertical wall to the flashing.
2. Apply a generous bead of FastFlash® to the top edge of the flashing leg.
3. Spread the wet product to create a monolithic "cap flash" flashing membrane that extends 2 inches (51 mm) up the vertical face of the structural wall and 1 inch over the flashing membrane. Apply additional FastFlash® as needed to achieve a transition which is free of voids and pinholes. This "liquid termination bar" helps secure the flashing and ensures positive drainage from the wall surface to the flashing.

### Curing and Drying

At 70°F (21°C) and 50% relative humidity, product skins within 30 minutes and dries in 4 hours. Paintable with most paints after 2 hours.

FastFlash® is moisture curing. Low temperatures and low relative humidity slow dry time. High temperatures and high relative humidity accelerates dry time.

### Cleanup

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

## BEST PRACTICES

Surfaces should be clean and in good repair before application. Most sheathing and concrete masonry can be cleaned with Enviro Klean® 2010 All Surface Cleaner. Information is available by calling Technical Customer Care toll-free at 800-255-4255.

In rough openings, prime raw gypsum board edges with R-GUARD GypPrime.

For best results, spread and tool FastFlash® while still wet, within 2–3 minutes of gun application.

**Hot Weather Precautions:** when practical install FastFlash® to shaded surfaces. When conditions are hot and dry, cool the surface with fresh water mist. Allow standing water to dry before installation.

Low temperatures and low relative humidity extend cure time. Mist surfaces with fresh water to accelerate cure.

Use Joint & Seam Filler to adhere and gasket mechanically fastened building components. Use FastFlash® to counter-flash.

When using FastFlash® as a flashing membrane, apply 12–15 wet mils. FastFlash® produces an opaque flashing membrane when installed at the recommended 12–15 wet mils to simplify inspection and quality control.

PROSOCO R-GUARD® Joint & Seam Filler, FastFlash® and AirDam® are recommended for improved performance of all R-GUARD air- and water-resistive barrier coatings.

Allow FastFlash® to skin over before installing the selected PROSOCO R-GUARD® Primary Air & Water-Resistive Barrier.

Protect cleaned masonry with the appropriate PROSOCO penetrating, breathable water-repellent. Applied to the masonry veneer, penetrating breathable water-repellents work with the water-resistive capabilities of PROSOCO R-GUARD® products to provide total protection for buildings against moisture penetration and damage.

Common installation guidelines depicting use of PROSOCO R-GUARD® products are available at [www.prosoco.com](http://www.prosoco.com).

To schedule field technical support, contact your PROSOCO Technical Customer Care toll-free at 800-255-4255. Field visits by PROSOCO personnel are for the purpose of making technical recommendations only. **PROSOCO is not responsible for providing job site supervision or quality control. Proper application is the responsibility of the applicator.**

## SAFETY INFORMATION

PROSOCO R-GUARD® FastFlash® contains calcium carbonate and may cause eye and skin irritation. Use with adequate ventilation, safety equipment and job site controls during application and handling. Read the full label and MSDS for precautionary instructions before use.

### First Aid

**Ingestion:** DO NOT induce vomiting. DO NOT give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

**Eye Contact:** In case of contact with eyes, lips or mouth, flush thoroughly with water. If irritation develops, consult a physician.

**Skin Contact:** Wash with fresh water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air. If victim is having trouble breathing, remove to medical care.

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

## WARRANTY

Information and recommendations are based on our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made because we cannot anticipate every application or variations encountered in building 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.** 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, environmental 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 web site at [www.prosoco.com](http://www.prosoco.com), for the name of the PROSOCO R-GUARD® representative in your area.