



PROSOCO®

R-Guard®

AIR & WATER BARRIER

Joint & Seam Filler WB

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, mild odor, orange color
SPECIFIC GRAVITY	1.50 – 1.80
pH	8–10
WT/GAL	12.5–15 lbs
TOTAL SOLIDS	87%
VOC CONTENT	25 g/L, maximum
FLASH POINT	no data
FREEZE POINT	32° F (0° C)
SHELF LIFE	6 months in tightly sealed, unopened container

REGULATORY COMPLIANCE

VOC Compliance

R-Guard Joint & Seam Filler 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.

ADVANTAGES

- Water-based formula for easy water cleanup
- Streamlines preparation by eliminating the need for joint-reinforcing tapes
- Bonds to most common building materials without priming
- Single component saves time – no mixing
- May be fully exposed to UV and weather for up to 6 months. If longer, contact for inspection
- Compatible with most sealants and waterproofing or air barrier components
- Solvent free. Isocyanate free. Phthalate free
- No staining. No yellowing
- Breathable – allows damp surfaces to dry
- Illustration depicting the use of PROSOCO R-Guard® products are available at prosoco.com by downloading the R-Guard Installation Guidelines.

Limitations

- Do not apply to contaminated or damp surfaces
- Keep product from freezing
- Not for application at surface or air temperatures below 40° F (5° C) or above 100° F (38° C)
- 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

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

Product Data Sheet

R-Guard Joint & Seam Filler WB

PREPARATION

To ensure best results, apply to clean and dry surfaces free of contaminants. Chemical residues, surface oxidation, surface coatings or films may adversely affect adhesion. Pressure-treated wood or fire-retardant wood and other contaminated surfaces should be cleaned with an isopropyl alcohol wipe and allowed to flash-off before application of R-Guard products.

Concrete must be in place 3-7 days and free of any curing compounds or form release agents before permeable R-Guard products are applied. Mortar joints in CMU construction must have a minimum 3-day cure before being treated with R-Guard products.

For cast-in-place concrete applications, the concrete designated for application must be clean, smooth and free of curing compounds and form release agents. Repair bug holes, honey combing and other imperfections using a suitable cementitious mortar. Remove concrete splashes, over pours, grout or slurry rundown using appropriate mechanical means. Fill and prepare minor imperfections in the concrete surface.

Protect people, vehicles, property, plants and all other surfaces not intended to receive Joint & Seam Filler WB.

Remove and replace damaged sheathing.

Any gaps or joints greater than 1 inch should be structurally repaired or readied for an appropriate transition membrane.

In rough openings, and where appropriate, prepare all raw gypsum board edges with R-Guard PorousPrep. Apply to raw gypsum board edges in a thin, uniform coat according to published application instructions. Do not over apply. Allow to dry tack-free before application of Joint & Seam Filler WB or other products.

Roofing systems must be capped and sealed or top of walls protected from water intrusion both before and after air barrier system installation. Water intrusion may interfere with bonding of air barrier waterproofing materials and/or detrimentally impact the performance of such materials.

Surface and Air Temperatures

Substrate and temperature conditions should be 40–100° F (4–38° C) for proper curing and drying. Do not apply at temperatures above 100° F (38° C) or below 40° F (4° C). Surface temperatures

should remain at least 40° F (4° C) and rising after application and until curing is complete. Wind and high temperatures will accelerate drying.

Hot Weather Conditions/Precautions: When air or surface temperatures exceed 95° F (35° C), apply to the shady side of structure and before daytime air and surface temperatures reach their peak. Hot surfaces may be cooled with a mist of fresh water. Keep containers closed and out of direct sunlight when not in use. Cover open pails with plastic to prevent from skinning. Do not apply when substrate and temperature conditions exceed 100° F (38° C).

Cold Weather Conditions/Precautions: Product may be applied to frost-free substrates at surface and air temperatures of 40°F (4°C) or above. Keeping material stored in a heated environment prior to use will help in these conditions.

Equipment

29-oz Cartridge & 20-oz Sausage: Apply using a professional caulking gun. Use a joint knife, trowel or spatula to tool and spread the product.

2-gallon Pail: Apply using a 20–30 oz bulk caulking gun. A 2-gallon pail follow-plate allows for easy bulk gun loading. A loading sleeve may be used to keep the threads of the gun clean. Alternatively, the bulk materials may be hand trowel applied.

Storage & Handling

Keep from freezing. 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. Maintain temperature of 40–100° F (5–38° C). Published shelf life assumes upright storage of factory-sealed containers in a cool, dry place. 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.

Dilution & Mixing

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

Product Data Sheet

R-Guard Joint & Seam Filler WB

Typical Coverage Rates

Coverage varies based on surface texture and irregularities. R-Guard Joint & Seam Filler WB is sold in 29-oz tubes, 20-oz sausages, and 2-gallon pail.

Estimated coverage includes overlapping 1-inch on each side of the sheathing joint. Joint width varies from 0 to 0.25 inches.

- 60.5–93.5 linear feet per 29-oz tube
- 38.5–60.5 linear feet per 20-oz sausage
- 480–748 linear feet for 2-gallon pail

Application Instructions

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

PREPARE

Prepare all surfaces as described above under “Preparation.”

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. Joint widths up to 3/8 inch may be treated without backer rod. Treat joints ranging from 3/8 inch 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. 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 24–36 mils.
3. Spot fastener heads and strike with a tool.
4. Allow surface to dry before installing other waterproofing or air barrier components.

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

2. Use a joint knife, trowel or spatula to tool and spread product 1 inch beyond the seam on each side to a thickness of 24–36 mils.
3. Allow treated surfaces to dry 12–24 hours before installing R-Guard FastFlash®.

PROTECT

Apply R-Guard Spray Wrap MVP, Spray Wrap Rain Screen, Cat 5™, Cat 5™ Rain Screen, VB or other waterproofing or air barrier component pursuant to manufacturer instructions.

Curing and Drying

Curing and drying times vary with temperature, humidity, joint width, and surface conditions. Surface temperatures should remain at least 40° F (4° C) and rising after application and until curing is complete.

At 70°F (21°C) and 50% relative humidity, Joint & Seam Filler WB dries to the touch in 2–4 hours.

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 12–24 hours. Protect from rain for 12 hours or until cured.

Cleanup

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

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

Product Data Sheet

R-Guard Joint & Seam Filler WB

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.

