PROSOCO®

R•Guard

AIR & WATER BARRIER

EMERGENCY WaterStop

R-Guard EMERGENCY WaterStop is a gun-grade, wet sealant that combines the best of silicone and polyurethane properties. This single component, Silyl-Terminated-Polymer (STP) is easy to gun and tool in all weather conditions. EMERGENCY WaterStop seals and bonds to most building materials – even when submerged in water – producing a durable, high performance, high movement elastomeric sealant.

The ability to install EMERGENCY WaterStop underwater and in adverse conditions eliminates many weather-related construction delays and makes it possible to dry-in buildings being damaged by active water leaks. EMERGENCY WaterStop adheres to most surfaces and is immediately waterproof.

ADVANTAGES

- **Solvent free. Isocyanate free. Complies with all known VOC regulations.**
- **Silane functional polymer provides superior long-term adhesion, crack bridging and weathering characteristics.**
- **Bonds to most common building materials – wet or dry – without priming.**
- **Bonds and cures in wet weather and on wet surfaces.**
- **Easy to repair if damaged.**
- **Single component requires no mixing.**
- **Easy to gun and tool in all climates.**
- **Withstands UV exposure for up to 12 months.**
- **No shrinkage. No staining. Non-yellowing.**
- **Breathable – allows wet surfaces to dry.**
- **Stops penetration of air and water under normal and extreme weather conditions.**

Limitations

- Do not apply when temperatures are below 35°F (2°C) or above 110°F (43°C).
- May have slight incompatibility with some asphaltic materials or butyl adhesives. Always test first.

REGULATORY COMPLIANCE

VOC Compliance

R-Guard EMERGENCY WaterStop 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.

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

TYPICAL TECHNICAL DATA

FORM	Viscous blue paste mild odor
SPECIFIC GRAVITY	1.4–1.5
WT/GAL	11.85 lbs
TOTAL SOLIDS	99%
VOC CONTENT	30 g/L, maximum USEPA / SCAQMD <1% CARB
FLASH POINT	>200° F (>93° C)
SHELF LIFE	1 year in tightly sealed, unopened container

CURED PROPERTIES

HARDNESS, SHORE A	25–35
TENSILE STRENGTH	100 psi
ELONGATION AT BREAK	>500% (ASTM D 412)
PEEL STRENGTH	25 pli

PREPARATION

Surfaces must be structurally sound and free of any contaminants. Remove oils or other contaminants, loose materials and debris. Surfaces should be clean and in good repair before application.

Protect people, vehicles, property, plants and all other surfaces not intended to receive the product. EMERGENCY WaterStop bonds tenaciously.

Surface and Air Temperatures

Substrate and temperature conditions should be 35°F (2°C) and rising and below 110°F (43°C) during application and drying. If air or surface temperatures exceed 95°F (35°C), apply to shaded surfaces and before daytime air and surface temperatures reach their peak.

Equipment

Apply using a professional caulking gun. Use a joint knife, trowel or roller to spread the product.

Storage and Handling

Store in a cool, dry place. Keep container tightly closed when not in use. Do not open until preparation work is complete. Do not alter or mix with other chemicals. Shelf life is 12 months after the date of manufacture when stored at or below 80°F (27°C). This shelf life assumes upright storage of factory-sealed containers. Do not double stack pallets. Keep out of the reach of children. Dispose of in accordance with local, state and federal regulations.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use.

ALWAYS TEST each surface for suitability, and desired results before overall application. Use the following application instructions.

Dilution and Mixing

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

Typical Coverage Rate

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

• 9.8-oz Cartridge: 10 sq.ft. sealed at 12 mils

Application Instructions

Bead Sealant for Leaking Joints, Corners & Cracks

1. Using a professional grade caulking gun, install sealant in leaking joints, corners and cracks. Install a continuous bead without gaps.
2. Tool immediately to fill flush and stop water leakage. Overlap no less than 2 inches onto adjacent surfaces. Ensure there are no pinholes, voids or gaps in coverage.
3. Where horizontal and vertical surfaces meet, tool to ensure positive drainage and prevent water and debris from accumulating in joints, corners or cracks.

Waterproof Membrane

Apply to minimum thickness of 12 wet mils. Ensure proper, minimum thickness by applying sufficient EMERGENCY WaterStop to achieve an opaque membrane.

1. Apply a thick bead in a zigzag pattern over affected surfaces.
2. Immediately press and spread the wet product to create a monolithic waterproofing membrane which fills and surrounds the leak. Apply and spread additional product as needed to create an opaque, monolithic waterproof membrane which is free of voids or pinholes.
3. Inspect membrane before covering. Repair any punctures, translucent or damaged areas by applying additional product.

Curing and Drying

EMERGENCY WaterStop cures at the rate of 1/8 inch of depth per day. High humidity accelerates curing and drying time. Low temperatures and low relative humidity will extend cure time. Surfaces may be misted with fresh water to accelerate cure.

Allow for drying time based on temperature and humidity. EMERGENCY WaterStop cures at the rate of 1/8 inch of depth per day.

Cleanup

Clean tools and equipment immediately with mineral spirits or other similar solvent.

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 liability, from whatever source, including liability for incidental, consequential or result ant 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. 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. Call Customer Care at 800-255-4255, or visit our website at prosoco.com, for the name of the PROSOCO representative in your area.