



PROSOCO®

# R-Guard®

AIR & WATER BARRIER

## StuccoPrime®

R-Guard StuccoPrime® is a flexible primer interface (liquid lath) that allows stucco to be direct-applied to CMU, masonry and concrete surfaces which have been coated with R-Guard Cat 5™ or R-Guard FastFlash®. Cementitious stucco, mortars and plasters bond tenaciously to StuccoPrime® while preserving the integrity of the underlying waterproofing membrane. The stucco scratch coat is applied to wet StuccoPrime, and the two cure together forming a strong chemical and mechanical bond. StuccoPrime® is not water reduced and will not emulsify when exposed to water. This single-component, 100% solids, Silyl-Terminated-Polymer (STP) is designed for brush, roller or trowel application.

### QUALITY ASSURANCE

*PROSOCO R-Guard® StuccoPrime® is a special-order product available to approved applicators only. Site-specific training of installation crews in proper use and application by an R-Guard field technical representative is required for R-Guard StuccoPrime®.*

### TYPICAL TECHNICAL DATA

FORM	Gray viscous liquid mild odor
SPECIFIC GRAVITY	1.25–1.45
WT/GAL	11.2 lbs
ACTIVE CONTENT	100%
TOTAL SOLIDS	100%
VOC CONTENT	15 g/L
FLASH POINT	>200° F (>93° C)
SHELF LIFE	2 years in tightly sealed, unopened container
SHRINKAGE	none

### ADVANTAGES

- Solvent free. Isocyanate free. Complies with all known VOC regulations.

- Single component – saves time.
- Promotes bonding to surfaces protected with R-Guard Cat 5™ or waterproofed with FastFlash®.
- Slow drying allows stucco scratch coat to be applied wet-on-wet. Bond strength increases as stucco layers are fully hydrated.
- Elastomeric and breathable.
- Will not emulsify when exposed to water.
- Positively screened for successful performance under ASTM-E-84.

### Limitations

- Use only over surfaces previously coated with R-Guard Cat 5™ or R-Guard FastFlash®.
- Do not allow StuccoPrime® to dry. Limit application of StuccoPrime® to surfaces that can be covered with stucco scratch coat while primer is still “transfer wet to touch.”
- Application window will vary with surface and ambient temperatures, direct sunlight and wind. Schedule work accordingly.
- May have slight incompatibility with residues of some asphaltic materials or butyl adhesives that may have previously been on the CMU. Always test first.

### REGULATORY COMPLIANCE

#### VOC Compliance

R-Guard StuccoPrime® is compliant with the US Environmental Protection Agency’s AIM VOC regulations. Visit [www.prosoco.com/voccompliance](http://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**

# Product Data Sheet

## R-Guard StuccoPrime®

### PREPARATION

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

Surfaces must be structurally sound and free of any contaminants. Surfaces should be clean and in good repair before application. Treat any surface imperfections and fill all inside corners of rough openings with R-Guard Joint & Seam Filler and/or FastFlash®.

Confirm that surfaces designated to receive stucco have been treated with R-Guard FastFlash® or R-Guard Cat 5™ according to label instructions. Allow to dry overnight before application of R-Guard StuccoPrime®.

Schedule application of StuccoPrime® immediately before installation of the stucco scratch coat. Normal application window will vary depending upon wind, temperature and exposure.

StuccoPrime® bonds tenaciously. Carefully protect all nearby surfaces not intended to be treated.

### 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.

**Hot Weather Conditions:** Wind and high temperatures will accelerate drying of StuccoPrime®. If air or surface temperatures exceed 95°F (35°C), apply StuccoPrime® to shaded surfaces and before daytime air and surface temperatures reach their peak. Since temperatures vary by day and exposure, test to determine the best dwell time between application of StuccoPrime® and the wet stucco scratch coat.

### Equipment

Apply using standard 3/8-inch nap rollers, brush or notched trowel.

### Storage and 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. 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

Read Preparation section and the Safety Data Sheet before use.

**ALWAYS TEST** to confirm application timing and ensure desired results before overall application.

Application window will vary with surface and ambient temperatures, direct sunlight and wind. Schedule work accordingly. Schedule breaks after scratch coat is installed. Drying caused by delays may compromise bond of stucco scratch coat.

### Dilution and Mixing

Apply as packaged. Do not dilute or alter, or use for applications other than specified. Mix well before use with a low-speed drill and paddle to avoid mixing air into the primer.

### Typical Coverage Rates

Coverage varies based on surface texture and irregularities. R-Guard StuccoPrime® is sold in 1-gallon and 5-gallon containers.

Estimated coverage when applied at 6–8 mils

- 150–180 sq.ft. per 1-gallon
- 750–900 sq.ft. per 5-gallon

### Application Instructions

Allow R-Guard FastFlash® or Cat 5™ to dry overnight before application. Schedule application of StuccoPrime® immediately before installation of the stucco scratch coat. To promote full adhesion, StuccoPrime® must be “transfer wet to touch” when the wet stucco scratch coat is installed. The primer is still “transfer wet to touch” when some of the material transfers to the hand when touched. Normal application window will vary depending upon wind, temperature and exposure.

When only FastFlash® is used to prepare wall penetrations, apply StuccoPrime® to the face of the wall extending 1 inch beyond termination of the FastFlash® application.

1. **PRIME:** Apply StuccoPrime® to the surface using a 3/8-inch nap roller. Using the roller or a notched trowel, spread product to achieve a uniform coverage of 6–8 wet mils. Over application may cause the stucco scratch coat to slide/sag before full bond is achieved.

To promote full adhesion, StuccoPrime® must be “transfer wet to touch” when the wet stucco scratch coat is installed. If StuccoPrime® is no longer “transfer wet to touch,” reapply as described above before proceeding with installation of the wet stucco scratch coat. The primer is still “transfer wet to touch” when material transfers to the hand when touched.

**NOTE:** StuccoPrime® dries slowly to allow time for the wet stucco scratch coat to be applied to

# Product Data Sheet

## R-Guard StuccoPrime®

the wet primer. Applied wet-on-wet, StuccoPrime® and the scratch coat cure together forming a strong chemical and mechanical bond.

**Hot Weather Precautions:** Wind and high temperatures will accelerate 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. Since temperatures vary by day and exposure, test to determine the best dwell time between application of the primer and the wet stucco scratch coat.

Schedule breaks after stucco scratch coat is installed. Drying caused by delays may compromise bond of stucco scratch coat.

- 2. STUCCO SCRATCH COAT:** Follow stucco manufacturer's recommendations for mixing stucco with sand and preparation of the stucco scratch coat. Working from the bottom up and from one control joint to the next, apply no more than 1/4-inch of stucco scratch coat to the "transfer wet to touch" primed surface. Do not interrupt application within a panel. Press the scratch coat firmly into the wet primer to ensure full and intimate contact. This action densifies the scratch coat, initiates cure and promotes bonding with the primer. Avoid excessive troweling. Though the bond will continue to strengthen as all stucco layers are fully hydrated, initial bond strength will support application of the stucco brown coat within 1-3 days.
- 3. STUCCO HYDRATION & CURE:** Follow stucco manufacturer's recommendations for frequency and duration of water hydration and cure between installation of stucco scratch coat, stucco brown coat and all subsequent stucco layers. Keep fresh stucco moist by fogging with water and/or covering with a plastic sheet to avoid premature drying and ensure complete hydration. Changes in weather will impact installation scheduling and hydration requirements. Wind and high temperatures will increase the frequency of hydration and/or protection requirements. Proper hydration of the stucco scratch and brown coats will reduce cracking and curling, and promote improved bonding, weather resistance, strength and abrasion resistance. Since drying occurs through the exposed face of the stucco scratch coat, take care to control drying and ensure full hydration. If sounding confirms an intimate bond exists on both sides of a crack no larger than 1/8-inch, proceed with normal installation of the stucco brown coat. To reduce the possibility of the crack telegraphing to the visible surface of the completed stucco project –

and for larger cracks – repair the crack per stucco manufacturer's instructions before proceeding.

### Cleanup

Before product cures, clean tools and equipment immediately with mineral spirits or 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 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. 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](http://prosoco.com), for the name of the PROSOCO representative in your area.