

# Primer

## Technical Data Bulletin



### **TEC-SEAL™ 100% Acrylic Primer**

#### **PRODUCT DESCRIPTION**

TEC-SEAL is a 100% acrylic; white pigment primer formulated for use on all interior and exterior smooth masonry, concrete, stucco, brick, EFIS, wood and other dense surfaces. Application of TEC-SEAL conditions surfaces and provides excellent adhesion for all topcoat applications. Helps seal slightly chalked or alkaline surfaces.

TEC-SEAL is recommended as a primer/sealer on a variety of new and or previously painted masonry, stucco, concrete, brick, EFIS, wood and other smooth dense surfaces. TEC-SEAL provides excellent adhesion for Rainguard elastomeric coatings. It provides a uniform surface with excellent adhesion properties. TEC-SEAL Primer helps inhibit efflorescence and stains due to tramp iron or iron salts in the substrate. TEC-SEAL is a surface conditioner and is highly recommended for use on any slightly chalked, dense surface.

#### **PRODUCT FEATURES**

- For use on interior and exterior dense masonry and other surfaces
- Tough and durable 100% acrylic formula
- Conditions and seals chalked surfaces
- Excellent service life and durability
- Excellent adhesion
- For use on new or previously painted surfaces
- Can be applied at temperatures down to 35°F
- Low VOC formula

Warranty Period: Five Years

CSI Reference: Divisions 9

Part Numbers:	<u>USA</u>	<u>International</u>
5 Gallon	TS-4000	TS-4000-CA

#### **RECOMMENDED USES:**

- Masonry block
- Brick
- Concrete
- Wood
- Stucco
- EFIS or cement plaster

#### **COVERAGE RATES (THEORETICAL):**

<u>Substrate</u>	<u>Sq Ft/ Gallon</u>
Concrete	300-400
EFIS	250-350
Brick, Stucco	200-300
Chalked Surfaces	300-400
Wood	300-400

#### **Special Considerations:**

- The coverage will vary with the porosity, of the substrate. If the substrate is very porous, coverage will be reduced
- Use of fluted or scored block or raked joints will increase surface areas by 20%-30% or more and decrease coverage rates. Allow for this increased surface area when determining material requirements.
- Extremely porous surfaces may require multiple coats.

Manufactured by:

**Rainguard International**

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## HOW TO USE:

Prior to application, carefully inspect and or observe the installed work or other trades and verify that all such work is complete to the point where application may commence. New masonry and concrete surfaces shall be allowed to cure for 10 days to neutralize alkalinity and release residual moisture. Surfaces to be coated shall be clean, dry structurally sound, fully cured and free of any dirt, loose materials, efflorescence, chalk, mold and mildew, or any surface contaminants that may impair adhesion. Clean surfaces using high-pressure water, abrasive blasting, brooming or mechanical means such as grinding, wire brushing or sanding. Sand previously painted wood to a bare finish. Pre-treat wood knots with a stain blocking primer.

Surfaces to be primed shall be structurally. All surface cracks and defects shall be repaired using appropriate patching materials. Allow patching materials and sealers to cure prior to application *TEC-SEAL™*.

Rainguard *TEC-SEAL* is best and most economically applied using commercial airless spray equipment set at moderate pressures using a tip of .015 to .021. May be rolled or brushed.

Mix contents thoroughly prior to application. To prevent skinning, cover pail with a damp cloth. Apply 1 coat of *TEC-SEAL* to surfaces at the suggested rates depending surface type and porosity.

## PRECAUTIONS AND LIMITATIONS:

Do not apply to surfaces if moisture content is greater than 15% as measured with an electronic moisture meter. Do not apply materials in climates where freezing temperatures have existed prior to application, allow adequate time for surfaces to thaw. Establish that air, surface and material temperatures are above 35°F (2°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 35°F or when temperatures are expected to drop below 35°F within 48 hours of application. Do not apply if rain, snow or lower temperatures are expected within 48 hours. Do not apply if relative humidity is greater than 80%.

Use material in a well ventilated area. Protect the work of other trades. Protect shrubbery and other plants with drop cloths. Protect automobiles and all other property from over-spray. Mask and protect all areas not to be coated.

Clean all equipment following use with detergent and water. Remove drips, spills and over-spray while still wet using a clean cloth dampened with detergent and water. Remove dried materials with a razor blade tool.

Store materials in a well-protected area between 45° and 90°F. Avoid freezing temperatures, direct sunlight and moisture. Keep away from heat sources.

## TEST PANEL:

*Always apply material to a mock wall or test panel, test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.*

## TECHNICAL DATA:

Solvent/Reducer	Water
Material Type	100% Acrylic Resins
Solids Content	35.0% by Volume 56% by Weight
Application Temperature Range	35°F to 90°F
V.O.C.	<65 g/L - V.O.C. Compliant
Flash Point	>200° F - Non-Flammable
Approximate Weight	11.6 lbs./gal.
Surface Dry Time Touch	1 Hours @ 75°F with 50% Humidity
Recoat	4 Hours

## LIMITED WARRANTY PROCEDURES/INFORMATION

The information contained herein is offered in good faith and is believed to be accurate. To be eligible for a Rainguard Warranty the following must occur:

1. A site visit must be conducted by an employee or agent of Rainguard and a Field Inspection Report completed.
2. A Warranty Application must be completed fully by the applicator.
3. Field Inspection Report, Warranty Application and a copy of the distributor's invoice must be submitted to and approved by Rainguard.

This material is only warranted when applied in accordance with the manufacturers guidelines and warranty procedures. Without adherence to these specific guidelines, no expressed or implied warranty of this product is given. Please contact Rainguard for additional information.



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