

Super Stucco

Primer/Sealer Concentrate with Micro-Lok®

TECHNICAL DATA SHEET

100% Penetrating Water Repellent



Super Stucco CSI Reference

09 24/25 Finishes

Description

Rainguard Super Stucco Primer/Sealer Concentrate with Micro-Lok Clear Water Repellent is a water based, modified polysilane/siloxane repellent composed of high quality chemical solids, blended to create a clear, deep penetrating and non-film-forming chemically reactive masonry water repellent that contains no silicone oils, paraffin wax, or urethanes. This product will not re-emulsify.

Micro-Lok creates a micro-molecular chemical and mechanical bond between the water repellent chemicals and the stucco material. Super Stucco Primer/Sealer Concentrate penetrates deep into dense masonry surfaces to provide long lasting and virtually indestructible water repellent protection that is not affected by weather or sunlight. It helps prevent spalling and cracking caused by freeze/thaw cycles. It also helps prevent chloride ion intrusion and efflorescence.

Dilution

Super Stucco Primer/Sealer Concentrate must be diluted with nine parts clean water and one part concentrate prior to application.

Features & Benefits

- Mold and mildew inhibitor
- Protects against weathering and UV light
- Single coat application
- V.O.C. compliant
- Contains no known carcinogens
- UV Stable

Recommended Uses

- EIFS or cement plaster
- Primer for stucco
- Sealer for stucco
- An excellent primer for paint applications

Test Panel

Always apply Super Stucco onto a mock wall or test panel. Test the wall or an actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.

Color and Finish

Color	Finish
Clear	Natural

Coverage Rate by Substrate (theoretical)

The coverage depends on the surface. Test the product on a small area of the substrate to estimate coverage. Extremely porous surfaces may require multiple coats.

Substrate	Sq Ft/ Gallon
EIFS	approx. 75 - 100
Clay Tile	approx. 100 - 150
Cement Plaster	approx. 100 - 150
Clay Block	approx. 100 - 150
Cast Concrete	approx. 150 - 175
Stucco	approx. 150 - 200

The use of fluted, scored block, raked joints, sandblasted or etched surfaces will result in greater absorption and lower coverage rates, by up to 40%. Test these areas for the expected coverage rate before general application. Allow for this increased surface area when determining material requirements. Extremely porous stucco may require multiple coats.

Safe Handling

Use product only with adequate ventilation and/or an appropriate cartridge type respirator. Avoid contact with skin and wear protective gloves. Read the Safety Data Sheet before using.

Surface Preparation

Prior to application, all surface shall be clean and dry with no oils, dirt, debris, or minerals such as efflorescence, lime and calcium. These stains, along with others, will prevent proper penetration of Super Stucco to sufficiently seal for the warranty period.

The use of Rainguard's Restore-N-Prep™ Concrete and Masonry Cleaner system is recommended as a pre-treatment to clean masonry surfaces. Once clean, allow the surface to fully dry before sealing or applying a top-coat (See the Restore-N-Prep™ TDS for details).



Surface Preparation (continued)

Restore-N-Prep™ CSI Reference

03 01 40 Concrete Finishes
03 10 30 Concrete Finishes
03 10 50 Concrete Finishes
04 01 20 Unit Masonry
04 01 40 Unit Masonry

Application Instructions

1. Super Stucco Primer/Sealer should be applied using low pressure airless spray equipment, pump sprayer, or juicebox.
2. Avoid atomizing material by using a spray tip size of .035 or greater. Spray head should be held 8 to 12 inches from the surface so that the flood coat runs down the wall approx. 6 - 12 inches below the point of application.
3. Avoid application in windy weather.
4. Trigger gun off at the end of each pass to avoid using excessive materials.
5. Multiple coats may be applied.

Precautions

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 areas not to be coated from overspray. Remove overspray from any windows, automobiles, metal, etc. as soon as possible should it occur. To prevent permanent staining, clean spills or leaks in a timely manner.

All surfaces to be coated should be clean of any dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar, and mold and mildew, etc. All cracks should be pointed or caulked. All voids, bee-holes, masonry surface defects and openings such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints, or any dissimilar materials should be repaired using urethane or other approved patching.

Do not apply to surfaces if moisture content is greater than 25% 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 40°F (4.4°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 40°F when temperatures are expected to drop below 40°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 90%.

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

Limitations

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 fully completed 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 warrantied when applied in accordance with the manufacturer's 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.

Technical Data

Material Type	Modified Polysilane/Siloxane
Active Content	Approx. 11% after Dilution
Color of Material	Clear to Slightly Cloudy
Odor	Slight Ammonia Odor
V.O.C.	<15 g/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	Approx. 7.5
Viscosity	9.6 Seconds No. 4 Ford Cup
Weight	Approx. 8.5 lbs./Gal.
Surface Dry/Recoat	Approx 1 Hour
Full Chemical Cure	24 to 36 Hours



Test Data

TEST	RESULTS
Wind Driven Rain	ASTM E-514-86., 97.7% Leak Red
Water Pen Fed Spec	SS-W-110C, 96.8 Leak Red Chloride Ion Intr
Pounding NCHRP No. 244	Allowed 25% Obtained 13%
Water Abs CMU ASTM C140-75	89% Effective
Water Vapor Trans ASTM D-1653-71	100% Vapor Perm
Water Repellency ASTM C76-87	97% Effective
Weathering ASTM G-53	2,500 Hours - No Change

Warranties

Rainguard Brands, LLC guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Rainguard Brands, LLC makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Rainguard Brands, LLC.

Surface conditions and application variables are out of the control of Rainguard Brands, LLC. As such, the applicator agrees to: Follow recommended application instructions, acknowledge limitations outlined in this technical data sheet, contact the manufacturer in the event there are any uncertainties, perform a test panel to confirm fit and finish before any general application. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Rainguard Brands assumes no obligation or liability for use of this information. Contact manufacturer at 888-765-7070 before bidding to confirm warranty provisions and procedures.

SELLER'S LIABILITY UNDER THE SALE OF THIS PRODUCT IS LIMITED TO REPLACING DEFECTIVE PRODUCT. HOWEVER, IF SELLERS FAILS IN ITS ATTEMPT TO REPLACE THE DEFECTIVE PRODUCT, BUYER WILL BE ENTITLED TO A REFUND OF MONIES PAID TO SELLER UNDER THIS PRODUCT WARRANTY. SELLER IS NOT LIABLE FOR BUYER'S LOSS OF PROFITS, BUSINESS GOODWILL, OR OTHER CONSEQUENTIAL DAMAGES, DESPITE ANY FAILURE TO REPLACE THE PRODUCT. BUYER HAS ACCEPTED THIS RESTRICTION ON ITS RIGHT TO RECOVER CONSEQUENTIAL DAMAGES AS PART OF ITS BARGAIN WITH SELLER. BUYER REALIZES AND ACKNOWLEDGES THAT THE PRICE OF THE PRODUCT WOULD BE HIGHER IF SELLER WERE REQUIRED TO BE RESPONSIBLE FOR BUYER'S CONSEQUENTIAL DAMAGES."

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