

Blok-Lok™

with Graffiti Control

TECHNICAL DATA SHEET



Ready to Use Silane/ Siloxane with Micro-Lok™. Penetrating Graffiti and Water Repellent Coating.

Blok-Lok™ CSI Reference

07 19 00 Damping / Waterproofing
09 96 23 Finishes

Description

Blok-Lok™ with Graffiti Control is a water-based, silane/ siloxane graffiti & water repellent. It combines high-quality penetrating chemical solids with an acrylic surface treatment componen. A clear, deep-penetrating, and non-film forming, chemically-reactive masonry water repellent is created.

Micro-Lok™ creates a micro-molecular chemical and mechanical bond between the water-repellent chemicals and the substrate. Blok-Lok™ with Graffiti Control penetrates deep into porous masonry surfaces for long-lasting and virtually indestructible water-repellent protection that is unaffected by weather or sunlight. The acrylic surface component makes graffiti easy to remove with VandIClean™ Super or Graffiti Removal Spray.

Blok-Lok™ with Graffiti Control provides superior, heavy-duty graffiti and water repellent performance on various vertical surfaces. Sealing the pores of the surface makes graffiti easier to clean using VandIClean Super. Comes in Ready-to-Use and Concentrate formulas.

Recommended Uses

- Bare wood
- Brick
- Concrete
- EIFS or cement plaster
- Masonry block
- Stucco
- Porous stone
- Unglazed tile

Features & Benefits

- Exclusive MICRO-LOK™ formulation
- Mold and mildew inhibitor, breathable
- 2 in 1 product protects against moisture damage & graffiti
- V.O.C. compliant
- Contains no known carcinogens
- Does not darken surfaces
- 10 year warranty for water repellency and 5 year warranty for graffiti control

Color & 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
CMU Precision Block	60 - 70
Split Face	50 - 70
Scored / Fluted	65 - 80
Lightweight	40 - 55
Clay Brick	125 - 150
Stucco	100 - 150
Dense Masonry Surfaces	125 - 150
Wood	150 - 200
Clay Block	50 - 60
EIFS	80 - 120

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.

Test Panel

Always apply Blok-Lok™ with Graffiti Control 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.



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 Blok-Lok™ 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).

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

Dilution

If product is Ready-To-Use, DO NOT DILUTE.

Dilute the Concentrate ONLY. Standard dilution is 9 parts water:1 for the 1 gallon concentrate (mix ratio). Mix 1 32 oz. Quart per 4.75 gallons of water. Only add fresh clean water to dilute any concentrates.

Application Instructions

1. Blok-Lok™ with Graffiti Control should be applied using low pressure airless spray equipment.
2. Avoid atomizing the product. Use a spray tip size of .035 to .051. The spray head should be held 8 to 12 inches from the surface so that the flood coat runs down the wall approximately 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. Stop all applications only at corners, joints, seams, or edges.
5. Apply second coat after the first coat has been allowed to penetrate for approximately 20 minutes. Immediately roll or brush out runs and drips to ensure even appearance.

May be applied to fresh concrete after 48 hours.

PLEASE NOTE:

Elevation Sealing - We recommend sealing the entire elevation of porous surfaces with Micro-Seal® before applying our VandlGuard® products. This ensures the wall has a consistent look during rains, and moisture will not get behind the VandlGuard® Anti-Graffiti Coating in the future.

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%.

Clear water repellents are not designed to waterproof horizontal masonry surfaces such as ledges, sills, cornices and parapet walls, etc.

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

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.



Approvals & Qualifications

Los Angeles Research Report	#RR 25060
USGBC - LEED Points	Up to 3 Points

Test Data

Wind Driven Rain	ASTM E-514-86., 98.7% Leak Red
Water Pen Fed Spec	SS-W-110C, 75% Min Req, 96.8 Leak Red Chloride Ion Intr
Salt Pounding NCHRP	No. 244 Series IV - 95% Red No. 244 Series II - 83% Red
Water Abs CMU ASTM C140-75	98.6% Effective
Water Vapor Trans ASTM D-1653-71	100% Vapor Perm
Water Repellency ASTM C67-87	98.6% Effective
Weathering ASTM G-53	3,500 Hours - No Change
Surface Burning ASTM E84	Flame Spread 0, Smoke Development 0
Maximum Scrubbing Cycles	35
ASTM D6578	Level 2

Technical Data

Material Type	Silane/Siloxane
Active Content	100%
Volume Solids	40%
Color of Material	Milky White
Odor	Slight Odor
V.O.C.	20 g/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	6
Viscosity	9.6 Seconds No. 4 Ford Cup
Weight	Approximately 8.7 lbs./Gal.
Surface Dry/Recoat	Approx 1 Hour
Full Chemical Cure	5 to 7 days



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 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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