

# VandlGuard® Five

## Non-Sacrificial Anti-Graffiti Coating

### TECHNICAL DATA SHEET



Tough and Durable Graffiti Resistant Coating.

## Description

VandlGuard® Five Non-Sacrificial Anti-Graffiti Coating is a two part system that provides a tough and durable graffiti resistant finish. This is a crosslinking co-polymer material coating that dries clear (non-yellowing) with a low luster sheen finish. Protects a variety of interior and exterior vertical surfaces from permanent graffiti staining and damage. Will protect your surface from graffiti defacement caused by commercially available spray paints.

## Features & Benefits

- A one coat application of VandlGuard® Five and one coat of VandlGuard® Finish Coat is all that is needed
- V.O.C. compliant - less than 20 g/L
- Will inhibit the growth of mildew, mold, fungus, and bacteria
- Surfaces require no particular maintenance.
- UV stable
- Damaged or abraded areas are easily restored with an additional coat of VandlGuard® Finish Coat

## Recommended Uses

- Aggregate panels
- Concrete, brick, or stucco
- EIFS and cement plaster
- Metal
- Over water based coating
- Plastic
- Previously or newly painted surfaces
- Stone
- Wood

## A Complete System

### \*Bare Surfaces:

Apply one coat of RainguardPro® Micro-Seal® Water Repellent before applying VandlGuard® Five and VandlGuard® Finish Coat. This is **required** for applications that need warranties on a substrate that is unpainted or unsealed.

Use VandlGuard® Non-Sacrificial for applications that require a Material Warranty or No Warranty.

For applications that require a Labor and Material Warranty use VandlGuard® Systems or Urethane anti-graffiti line.

## Coverage Rate by Substrate (theoretical)

The coverage depends on the surface. Test the product on a small area of the substrate to estimate coverage and determine if a second coat is needed.

Substrate	Sq Ft/ Gallon
Precision/ Split Face Block	200
Ground Face Block	200
Scored/ Fluted Block	180
Sandblasted Block	180
Slump/ Adobe Block	200
Heavy Textured Stucco	200
Brick	250
Unpainted Wood	200
Porous Tile	200
Fine/ Medium Textured Stucco	250
Cast/ Pre-Cast/ Tilt-Up Concrete	250
Sandblasted Concrete	225
Exposed Aggregate	225
EIFS	225
Metal	300
Painted Surfaces	300

## Test Panel

Always apply material onto 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.

## Application Instructions

All surfaces to be coated should be structurally sound, clean, and dry. Apply using a roller, or low-pressure airless spray equipment at recommended spread rates. If using a brush, use enough material to create a sufficient film build. When spraying, apply in a fine mist, cross hatched pattern to build up the wet coating. As soon as the entire surface has been coated, immediately repeat the process with a second pass. Depending on the porosity of the surface, a light second coat may be necessary. Clean equipment with soap and water when finished.



## General Precautions

### Painted Surfaces:

Allow newly painted and stucco surfaces to fully chemically cure before application of VandlGuard® Five. Recent formulations of pigmented paints, coatings, and integrally colored stucco colorant additives contain biocides.

These biocides must be released before application of VandlGuard® Five. Please consult the manufacturer of the paint/stucco coating to determine the chemical curing period. RainGuard is not responsible for yellowing or color differences as a result of application of VandlGuard® Five over uncured paint or integrally colored stucco surfaces.

## Environmental Conditions

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 40°F or when temperatures are expected to drop below 40°F within 24 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%.

## Graffiti Removal

1. Graffiti resistance is fully developed after a cure time of 5-7 days depending on weather conditions.
2. When using a power washer, keep pressure less than 500 psi. For difficult removal use warm to hot water while power washing. No need to use harsh chemical cleaners.
3. When using chemical cleaners use RainGuard VandlClean® Super, a non-hazardous biodegradable cleaner. Follow manufacturer's recommendations and instructions for use. In addition, warm water power-washing has also been known to assist in the removal of tagging.

## Approvals & Qualifications

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

Material Type	Cross Linked Co-Polymer
Permeability	100%
Volume	Approx. 34%
Weight	Approx. 55% Solids
Odor	Slight Latex Odor
Temp Range	Application 40°-100° F
Color of Material	Clear
V.O.C.	<20 gm/L
Flash Point	Non-Flammable
Surface Dry Time	1-2 Hours
Full Chemical Cure	72-96 Hrs @ 75°F



## 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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