

VandGuard® Five

Non-sacrificial Anti-Graffiti Coating

TECHNICAL DATA SHEET



Tough and Durable Graffiti Resistant Coating

Description

VandGuard® 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 VandGuard® Five and one coat of VandGuard® Finish Coat is all that is needed*
- V.O.C. Compliant less than 20 g/l
- Will retard the growth of mildew, mold, fungus, and bacteria
- Surface requires no particular maintenance
- Meets Master Painters Institute (MPI) #105- Graffiti-Protection, Top Coat
- UV stable
- Damaged or abraded areas are easily restored with an additional coat of VandGuard® Finish Coat

Recommended Uses

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

A Complete System

*Bare Surface:

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

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

For applications that require a Labor and Material Warranty use VandGuard® 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
Sand Blasted 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
Sand blasted Concrete	225
Exposed Aggregate	225
EFIS	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

All surfaces to be coated should be structurally sound, clean, and dry. Using airless spray equipment, apply VandGuard® Five at recommended coverage rates. 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 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 intergrally 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 the VandlGuard® Five over uncured paint or intergrally 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 (4°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 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 Steps

1. Graffiti resistance is fully developed after cure time of 5-7 days depending on weather conditions.
2. When using 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.

Technical Data

V.O.C.	<20 gm/l
Material Type	Cross Linked Co-Polymer
Volume	Approx. 40%
Color of Material	Clear
Odor	Slight Latex Odor
Flash Point	Non-Flammable
Temp Range	Application 40°-100°F
Permeability	100%
Weight	Approx. 58% Solids
Surface Dry/Recoat	1-2 Hours
Full Chemical Cure	72-96 Hrs @ 75°

Limited Warranty Procedures

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 warranted when applied in accordance with the manufacturer's guidelines and warranty procedure. without adherence to these specific guidelines, no expressed or implied warranty of this product is given. Please contact Rainguard for additional information.

Approvals & Qualifications

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