

# VandlSystem™ Products Technical Data



## VandlGuardFIVE™

### NON-SACRIFICIAL ANTI-GRAFFITI COATING

#### PRODUCT DESCRIPTION

VANDLGUARD FIVE Non-Sacrificial Anti-Graffiti Coating is a two coat system, that requires one coat of VANDLGUARD FIVE and one coat of VANDLGUARD FINISH COAT™. This system provides a tough and durable graffiti resistant finish. This is a cross-linking co-polymer material coating that dries clear (non-yellowing) with a low luster sheen. Protects a variety of interior and exterior vertical surfaces from permanent graffiti staining and damage. Will protect your surface from graffiti defacement caused by commercial available spray paints.

#### Features and Benefits of VANDLGUARD FIVE:

- A single coat application of VANDLGUARD FIVE and one coat of VANDLGUARD FINISH COAT is all that's needed
- Backed by the best warranty available in the market
- Supplied ready to use—no mixing needed
- V.O.C. compliant—less than 20 g/l
- Treated surfaces will sustain unlimited graffiti removals for a period up to five years
- Will retard the growth of mildew, mold, fungus or bacteria
- Surfaces require no particular maintenance. Damaged or abraded areas are easily restored with an additional coat of VANDLGUARD FINISH COAT.
- No expensive sand blasting needed.
- Meets Master Painters institute (MPI) #105 - Graffiti-Protection, Top Coat

#### A COMPLETE SYSTEM—ONE WARRANTY

IF YOU WANT TO USE ONE COMPLETE SYSTEM AND THE DESIRED OUTCOME IS:

- Unpainted Surfaces:** First apply one coat of MICRO-SEAL™ Water Repellent by Rainguard.
- Painted Surfaces:** First apply HYDRO-LOK PH+™ System made by Rainguard.
- Waterproof Surfaces:** First apply TEC-TOP™ or HYDRO-LOK XP™ Elastomeric System made by Rainguard.

For applications that do not require labor warranties, please refer to VANDLGUARD™ Non-Sacrificial Graffiti Coating.

**Warranty Period:** Five Years

**CSI Reference:** Division 9

Part Numbers:	USA	International
1 Gallon	VG-7005	VG-7005-CA
5 Gallon	VG-7004	VG-7004-CA

#### RECOMMENDED USES:

- Concrete, brick, stucco
- Stone
- Metal
- Wood
- Plastic
- Aggregate panels
- EFIS and cement plaster
- Water borne and solvent based coatings
- Previously or newly painted surfaces.

#### COVERAGE RATES (THEORETICAL):

Porous Surfaces <u>One Coat</u>	Square Feet <u>Per Gallon</u>
Precision Block	200
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	225
Unpainted Wood	250
Porous Tile	200
<b>Dense Surfaces</b>	
<u>One Coat</u>	
Fine/Medium Textured Stucco	225
Pre-Cast/Tilt-up Concrete	225
Cast Concrete	225
Sand Blasted Concrete	200
Exposed Aggregate	200
EFIS	200
Metal	250
Painted Surfaces	250

Manufactured by:

**Rainguard International**

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## HOW TO USE:

All surfaces to be coated shall be structurally sound, clean and dry.

By using airless spray equipment, apply *VANDLGUARD 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. After the first coat is dry, top coat with *VANDLEGUARD FINISH COAT™*. Refer to the specification for *VANDLEGUARD FINISH COAT* for application rates. 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 biocide(s). 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* products over uncured paint or integrally colored stucco surfaces. Allow the *VANDLGUARD FINISH COAT* to cure three days before removing graffiti.

### Test Panel

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

### 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 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%.

## GRAFFITI REMOVAL:

Graffiti can be easily removed by using hot water on the tagged areas. In some instances non-abrasive household cleaners safely and effectively remove tagging. However, in the event tagging can't be removed with these cleaners please contact manufacturer and purchase Rainguard *VANDLCLEAN SUPER™*. Follow manufacturers recommendations and instructions for use. Please refer to the manufacturer for additional assistance.

## TECHNICAL DATA:

Material Type	Cross Linked Co-Polymer
Permeability	100% Permeable
Solids Content by Volume	Approximately 40.0%
Solids Content by Weight	Approximately 58.0%
Odor	Similar to Latex Paint
Application Temp Range	40° to 100°F
Finish	Dries Clear
V.O.C.	<20 g/L
Flash Point	Non-Flammable
Surface Dry Time	One to Two Hours
Full Chemical Cure	72-96 Hrs @ 75°F

## 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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