



# TECHNICAL DATA SHEET

## VANDLGUARD FIVE™

### 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 commercially 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 on 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, and 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
- UV protectant

#### A COMPLETE SYSTEM

**Bare Surfaces:** First apply one coat of MICRO-SEAL Water-Repellent by Rainguard (required for applications that need warranties and substrate is unpainted or sealed)

For applications that do not require **material and labor** warranties, and only need **material** 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:

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

#### COVERAGE RATES (THEORETICAL):

| Porous Surfaces<br><u>One Coat</u> | Square Feet<br>Per Gallon |
|------------------------------------|---------------------------|
| 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                       |

| Dense Surfaces<br><u>One Coat</u> | Square Feet<br>Per Gallon |
|-----------------------------------|---------------------------|
| 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                       |

## HOW TO USE:

All surfaces to be coated should 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 **VANDLGUARD Finish Coat**. Refer to these specifications for **VANDLGUARD 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 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** 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 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:

In many 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 manufacturer's recommendations and instructions for use. In addition, warm water power-washing has also been known to assist in the removal of tagging. 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 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.

**MANUFACTURED BY:**  
**Rainguard International**  
3334 East Coast Highway #143, Corona del Mar, CA 92625

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Office: 949-515-8800  
Fax: 949-675-3450  
info@rainguard.com  
www.rainguard.com