



TECHNICAL DATA SHEET

VANDLGUARD ONE™ NON-SACRIFICIAL ANTI-GRAFFITI COATING

PRODUCT DESCRIPTION

VANDLGUARD ONE Non-Sacrificial Anti-Graffiti Coating is a single-coat product that 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 ONE :

- A single 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 one year
- 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 ONE
- No expensive sandblasting needed. Meets Master Painters institute (MPI) #105 - Graffiti-Protection, Top Coat
- Treated surfaces can be re-coated with any Rainguard anti-graffiti coating, or, with proper preparation, painted over
- 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.

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

Warranty Period: One Year

CSI Reference: Division 9

Part Numbers:	<u>USA</u>	<u>International</u>
1 Gallon	VG-7003	VG-7003-CA
5 Gallon	VG-7002	VG-7002-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 <u>One Coat</u>	Square Feet <u>Per Gallon</u>
Precision Block	225
Split Face Block	225
Ground Face Block	225
Scored/Fluted Block	200
Sand Blasted Block	200
Slump/Adobe Block	225
Heavy Textured Stucco	250
Brick	250
Unpainted Wood	275
Porous Tile	250

Dense Surfaces <u>One Coat</u>	
Fine/Medium Textured Stucco	250
Pre-Cast/Tilt-up Concrete	275
Cast Concrete	275
Sand Blasted Concrete	250
Exposed Aggregate	275
EFIS	250
Metal	300
Painted Surfaces	300

HOW TO USE:

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

By using airless spray equipment, apply *VANDLGuard ONE* 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 ONE*. Recent formulations of pigmented paints, coatings, and integrally-colored stucco colorant additives contain biocides. These biocides must be released **before** application of *VANDLGuard ONE*. 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 ONE* products over uncured paint or integrally-colored stucco surfaces.

TEST PANEL

Always apply material to 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.

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 34.0%
Solids Content by Weight	Approximately 55.0%
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. 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.