

VandlTop®

Sacrificial Anti-Graffiti Coating

TECHNICAL DATA SHEET

Tough and Durable Graffiti Resistant Coating



VandlTop® Sacrificial Anti-Graffiti

Description	U/M	Code
VandlTop® Sacrificial Anti-Graffiti	1 Gallon	VG-7101
VandlTop® Sacrificial Anti-Graffiti	5 Gallon	VG-7100

Description

VandlTop® Sacrificial Anti-Graffiti Coating is a waterbased emulsion that dries to a clear and non-yellowing matte finish, and provides a temporary or sacrificial protective shield against graffiti damage caused by spray paints and markers.

Features

- V.O.C. compliant - less than 20 g/L
- Non-flammable
- Graffiti defacement is removed from VANDLTOP® coated surfaces using low-pressure hot water to strip or melt the VandlTop® from the surface
- VandlTop® must be reapplied to stripped or cleaned surfaces to restore graffiti resistance

Rainguard® VandlTop® may be used to protect interior or exterior painted and unpainted surfaces, such as masonry, stucco, and concrete. For application to new masonry, stucco, or concrete surfaces, a first coat of Rainguard water repellent protection is required.

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.

Recommended Uses

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

Coverage Rates (Theoretical)

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

Application

All surfaces to be coated should be structurally sound, clean, and dry. VandlTop® should be applied by using airless spray equipment. Apply VandlTop® coat 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 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.



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%.

General Precautions

Painted Surfaces:

Allow newly-painted and stucco surfaces to fully chemically cure before application of VandlTop®. Recent formulations of pigmented paints, coatings, and integrally-colored stucco colorant additives contain biocides. These biocides must be released before application of VandlTop. 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 VandlTop over uncured paint or integrally colored stucco surfaces. Allow the VandlTop® product to cure three days before removing graffiti.

Graffiti Removal Steps

1. Use a hot pressure wash to remove graffiti
2. PSI should be at least 2,000 up to 4,000.
3. Proceed with cleaning.
4. Allow to dry for 1 hour before reapplication.

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 procedures. Without adherence to these specific guidelines, no expressed or implied warranty of this product is given. Please contact Rainguard for additional information.

Technical Data

For additional performance-testing information, please contact Rainguard technical services.

Material Type	Blended Emulsion
Permeability	100%
Volume	Approx. 32%
Weight	Approx. 50% 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

Approvals & Qualifications

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

ASTM D7089-06 Graffiti Removal Method

Part Number	Product	Warranty	Trisodium Phosphate	High Pressure Wash	Graffiti Remover
VG-7020 - VG-7025	Urethane	5/10 Year M & L	✓	✓	✓
VG-7006	Acrylic System	1/5/10 M & L			✓
VG-7000	Acrylic	1/5/10 Material			✓
VG-7100	VandlTop Sacrificial	N/A		✓	✓

ASTM D6578/D6578M-13 Anti-Graffiti Cleanability Level

Part Number	Product	Level 9. Detergent	Level 8. IPA	Level 7. Minera Spirits	Level 6. Xylene	Level 5. MEK
VG-7020 - VG-7025	Urethane	✓	✓	✓	✓	✓
VG-7006	Acrylic System		✓	✓		
VG-7000	Acrylic		✓	✓		
VG-7100	VandlTop Sacrificial		✓	✓	✓	✓



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