



Technical Data

PRODUCT DESCRIPTION

VandlGuard Non-Sacrificial Anti-Graffiti Coating is a single part system, 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 lustre 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:

- 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 (see below)
- Will retard the growth of mildew, mould, fungus or bacteria
- Surfaces require no particular maintenance.
- No expensive sand blasting needed.
- Can be applied on all structure surfaces.

For **unpainted or untreated surfaces** first apply one coat of MicroSeal™ Water Repellent.
(see technical data sheet for MicroSeal)

Material Warranty Application Requirements

One Year Warranty:	Apply Two Coats of VandlGuard
Five Year Warranty:	Apply Two Coats of VandlGuard

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 (Per Coat)	Square Meters (Per Litre)
Precision Block	4.9m ² /Litre
Split face Block	4.9m ² /Litre
Ground Face Block	4.9m ² /Litre
Scored/Fluted Block	4.4m ² /Litre
Sand Blasted Block	4.4m ² /Litre
Slump/Adobe Block	4.9m ² /Litre
Heavy Textured Stucco	4.9m ² /Litre
Brick	6.1m ² /Litre
Unpainted Wood	4.9m ² /Litre
Porous Tile	4.9m ² /Litre

Dense Surfaces (Per Coat)	Square Meters (Per Litre)
Fine/Medium Textured Stucco	6.1m ² /Litre
Pre-Cast/Tilt-up Concrete	6.1m ² /Litre
Cast Concrete	6.1m ² /Litre
Sand Blasted Concrete	5.5m ² /Litre
Exposed Aggregate	5.5m ² /Litre
EFIS	5.5m ² /Litre
Metal	7.4m ² /Litre
Painted Surfaces	7.4m ² /Litre

HOW TO USE

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

Always mix thoroughly (for at least a 5 minute period) before use. VandlGuard contains a flattening agent that settles to the bottom of the pail.

By using airless spray equipment, apply VandlSystem product(s) at recommended coverage rates. Apply in a fine mist first. Wait until this has dried (appx 20 minutes) and then build in 2-3 passes in a cross-hatch pattern until you have achieved the desired coverage rate.

Allow 2 hours before applying the second coat, once again building the passes until you have achieved the desired coverage rate.

Tip size 015 to .021. 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 VandlSystem product(s). Recent formulations of pigmented paints, coatings and integrally colored stucco colorant additives contain biocide(s). These biocides must be released before application of VandlSystem products. Please consult the manufacturer of the paint/stucco coating to determine the chemical curing period. Performance Solutions is not responsible for yellowing or color differences as a result of application of the VandlSystem products over uncured paint or integrally colored stucco surfaces.

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. Allow the VandlSystem product to cure six days before removing graffiti.

Environmental Conditions Ideal ambient air and surface temperature range for material application is 5° to 37° C. Do not apply if rain is imminent or freezing temperatures are expected within 12 hours of application. Do not apply in windy weather. At time of application, moisture content of all surfaces shall be 15% or less as measured with an electronic moisture meter.

GRAFFITI REMOVAL

VandlGuard Graffiti Remover Spray® will remove all graffiti damage. Apply to a cloth and wipe. Remove graffiti as quickly as possible. This product must be neutralized with water **immediately** after the graffiti/tagging has been wiped off to ensure the remover spray does not attack the coating. Follow manufacturers recommendations and instructions for use.

TECHNICAL DATA

For additional performance testing information please contact Performance Solutions NZ

Material Type	Cross Linked Co-Polymer
Permeability	100% Permeable
Solids Content by Volume	Approximately 40.0%
Solids Content by Weight	Approximately 58.0%
Odour	Similar to Latex Paint
Application Temp Range	4.4° to 37.8° C
Finish	Dries Clear
V.O.C.	<20 g/L
Flash Point	Non-Flammable
Surface Dry Time	One to Two Hours
Full Chemical Cure	144 Hrs (6 days) @ 24° C

LIMITED WARRANTY PROCEDURES/INFORMATION

The information contained herein is offered in good faith and is believed to be accurate. To be eligible for a Performance Solutions NZ Material Warranty the following must occur:

1. A site visit must be conducted by an employee or agent of Performance Solutions NZ.
2. A warranty application must be completed fully by the applicator, and a warranty issued by Performance Solutions NZ in favor of the building/structure owner.

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.