



SPECIFICATION SECTION 09 9620

VandlGuard VG001

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Clear anti-graffiti coating for exterior surfaces.
- B. Clear anti-graffiti coating for interior surfaces.

1.02 RELATED SECTIONS

- A. Section 07 1900 - Water Repellents
- B. Section 09 9000 - Paints and Coatings

1.03 SYSTEM DESCRIPTION

- A. To provide a tough and durable Anti-Graffiti Coating finish. A cross-linking co-polymer material coating that dries clear, non-yellowing with low-lustre sheen.
- B. All products VOC – Used materials must contain no more than 20 grams per litre VOC.

1.04 SUBMITTALS

- A. Product Data: Manufacturer's current technical data sheets for materials, and schedule indicating:
 - 1. Recommended waterproof coating serving as base layer of system
 - 2. Number of coats required for subsequent coating types
- B. Manufacturer's Field Reports: Indicate installation procedures, coverage, quantities, progress, unacceptable conditions and methods of resolution.
- C. Maintenance Data: Provide manufacturer's recommended maintenance procedures, including instructions for graffiti removal, recommended procedures for re-application of intermediate coatings and periodic maintenance of coating.

1.05 QUALITY ASSURANCE

- A. Mock-Up or Test Panels: Before full-scale application, test products to be used on a mock-up or test panel.
 - 1. Review manufacturer's product data sheets to determine suitability of each product for each surface.
 - 2. Apply products using manufacturer-approved application methods, determining actual requirements for surface preparation, coverage rate, number of coats, and application procedures.
 - 3. After 6 days, review effectiveness of protection, compatibility with substrates, and ability to achieve desired results.

4. Obtain approval by Architect and Owner of workmanship, color, and texture before proceeding with work.
5. Test Panels: Inconspicuous sections of actual construction.
 - a. Location and number as selected by Architect
 - b. Size: 1.5 m by 1.5 m
 - c. Repair unacceptable work to the satisfaction of the Architect and Owners.

B. Pre-Installation Meetings:

1. Before Application Installer and Manufacturer's Representative shall inspect surfaces to be treated, noting in writing to the Architect deficiencies or flaws in the substrate construction which would affect the performance or appearance of the coating.
2. Beginning of Application: Manufacturer's Representative shall assure utilization of proper equipment verify material quantities, and supervise material application techniques.

C. Installer shall comply with recommendations and instructions set forth by manufacturer as part of manufacturer's service in addition to complying with the terms of the warranty.

D. Installer Qualifications: Minimum 5 years of experience regularly engaged and specializing in the application of specialty surface treatments to exterior wall substrates.

E. Do not proceed with material application until all deficiencies noted in pre-application inspection report have been corrected.

F. Notify manufacturer no less than 72 hours before starting application.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original sealed containers clearly marked with manufacturer's name, type of material, and batch number.
- B. Inspect the materials upon delivery to assure that specified products have been received.
- C. Store materials where temperatures are not less than 7°C.
- D. Use all means necessary to protect material before, during, and after installation, and to protect work of other trades.

1.07 ENVIRONMENTAL REQUIREMENTS

- A. All materials shall comply with current environmental requirements. Used materials must contain no more than 20 grams per litre VOC.

1.08 WARRANTY

- A. The Contractor and Installer shall jointly and severally warrant product against failure and workmanship for a period of 1 year from date of Substantial Completion.
- B. Manufacturer shall provide a written warranty (material only) when, said materials are applied in accordance with manufacturer's guidelines. Please refer to manufacturer for warranty policy.
- C. Before final application for payment will be approved, final closeout submittals must include written manufacturer's warranty.

PART 2 PRODUCTS

2.01 NZ Supplier

A. Performance Coatings New Zealand Ltd
Jason George, General Manager
0800 999 122

B. NO SUBSTITUTIONS ALLOWED

2.02 MATERIALS

Please refer to manufacturer's published data bulletins for applications and installation recommendations.

Note to Specifier Please select product for desired warranty as noted in 1.08 B

- | | |
|---------------------------------------|--------------------------------|
| A. 2 coats VandlGuard non-sacrificial | 1 year material only warranty |
| B. 2 coats VandlGuard non-sacrificial | 5 year material only warranty |
| C. 3 coats VandlGuard non-sacrificial | 10 year material only warranty |

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces to be coated are in proper condition.
1. New substrates: Cured 30 days before application.
 2. Cured substrates: Allowed to dry three to seven days following rainfall before application.
 3. Substrate moisture content no higher than 15 percent as registered on an electronic moisture meter.
- B. Do not apply to surfaces below 5°C or above 37°C. Do not apply in the direct sun.
- C. Where freezing conditions have existed before application, allow adequate time for building to thaw.
- D. Do not begin until mock-up/test panels have been approved by Architect.

3.02 PREPARATION

- A. Remove dirt, dust, oil, grease, and other contaminants that would interfere with penetration or performance of products; where cleaners are required, use products recommended by manufacturer; rinse thoroughly and allow surface to dry completely.
- B. Surfaces shall be structurally sound, dry, clean and free of dust, dirt, grime, oil, scale, rust, silicones, curing compounds, alkali, add residues, etc.
- C. Prevent overspray, wind drift and splash onto surfaces not to be treated.
- D. Protect windows and work of other trades against damage by coatings, whether to be coated or not.
- E. Protect plant life against damage from coatings.

3.03 APPLICATION

- A. Apply materials in strict accordance with manufacturer's recommendations and when substrate surface temperature is above 1.7°C.
1. Follow instructions in manufacturer's current technical data sheet for general information and coverage rates.

B. Mix materials in strict accordance with manufacturer's instructions; do not dilute unless permitted by manufacturer.

C. Spray apply Graffiti Coating using high-volume, low-pressure spray equipment. Pressure not to exceed 60 psi. Tip size 015 to .021. Hudson or garden-type sprayer can be used for small applications.

D. Clean all drips, runs, and overspray residue while still wet.

E. Allow coating to dry and become clear before applying subsequent coats. Achieve a uniform pinhole free, continuous film.

F. During process of work, remove discarded coating materials, rubbish, cans, and rags at end of each workday.

3.04 FIELD QUALITY CONTROL

A. Provide the services of the manufacturer's authorized field representative to verify that installed products comply with manufacturer's requirements and with the standard established by the Architect approved mock-up/test panels.

3.05 ADJUSTING, CLEANING AND PROTECTION

A. At completion of work, remove protective coverings.

B. If surfaces that should have been protected from damage by this work have been damaged; clean, repair or replace to the satisfaction of the Architect.

C. Repair or replace damaged treated surfaces.

D. Protect completed work from damage during construction.

3.06 SCHEDULE

A. Substrates to receive anti-graffiti coating Section 09 9000 - Paints and Coatings.

3.07 MANUFACTURER

A. Product manufactured by Rainguard® www.rainguard.com

SYSTEM: Anti Graffiti Coating
Refer VandlGuard TDS VG 001

Performance Solutions NZ
Jason George
General Manager
0800 999 122

END OF SECTION