



PRODUCT PROFILE

DESCRIPTION

GRAFFITI GARD® IV is a low luster clear or pigmented non-sacrificial, two-component, water-based, high-performance aliphatic urethane coating that resists graffiti from a variety of materials including spray paints and marking pens. In many cases, freshly applied wet spray paint or ink will actually crawl back on to itself, frustrating the would-be tagger into stopping and moving on to another target. The slick surface is easy to clean with GRAFFITI GARD® IV BIODEGRADABLE CLEANER followed by power washing.

FEATURES

- Simple to Mix and Apply
- Water-Based Formula
- Excellent Graffiti Resistance
- Excellent UV Resistance
- Easy Removal of Graffiti
- Breathable Coating
- Low VOC
- Low Luster Finish

BENEFITS

- Protects Surface Against Graffiti
- Water Repellant Surface Stays Clean Looking
- Easy Removal of Graffiti
- Low VOC; Able to Be Used In All States and Jurisdictions

RECOMMENDED PRIMERS/SUBSTRATES

Can be used over many interior and exterior vertical surfaces including Bare Concrete, Split Faced Block, clean and sound previously coated Concrete, Brick, properly prepared previously coated Metal, and other manufacturer-approved surfaces.

PRODUCT APPLICATION

APPLICATION EQUIPMENT

Application of GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED can be done by brush, roller, or airless sprayer. When spraying product, proper respiratory protection is required. Airless sprayer should use .011-.013 or super fine spray tip.

GENERAL/SURFACE PREPARATION

Proper surface preparation is essential to achieve the proper results with GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED. All surfaces must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material to ensure proper adhesion. If the surface is previously painted, ensure that it is in sound condition and cleaned of all contaminants. Smooth or glossy coatings should be dulled by abrading the surface, and then all dust removed from the surface. In cases of directly applying to metal, cross-hatch adhesion tape test should be used to insure adequate bonding. Adjacent surfaces not to be coated must be masked.

PRIMER SYSTEM

When applied to a porous masonry surface such as split-face block, the substrate should be primed with RAINSTOPPER® 1750W Clear Sealer. Previously painted substrates do not need priming.

APPLICATION RATE

The actual application rate is dependent on the texture and absorbance of the surface being treated. Typical application rates will be 250-350 square feet per gallon for clear and 150-200 square feet per gallon for pigmented. Textured or absorbent surfaces will require additional material.

Apply in one coat, do not over apply film build as excessive thickness may create milky appearance through air entrapment.

MIXING

GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED are two-component products that must be mixed together prior to the application. Open containers and add the clear Part B slowly while mixing into the Part A container (**Note:** 5/gal kit requires mixing in two Part B containers). Mix approximately 2-3 minutes for uniform viscosity and full color development. Do not over mix or foam bubbles may be created. Once mixed, you will have 1-2 hour pot life to apply mixed product. The usable pot life is temperature de-pendent and is shorter at higher temperatures. Product should not be thinned or diluted.

APPLICATION

GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED should be applied in a timely manner, thus planning the application is important. A mock-up sample application is recommended for final approval by architect, engineer, or contractor of the surface appearance prior to starting project.

SAFETY

Apply with adequate ventilation. Follow all safety precautions including proper respiratory protection as noted in the Material Safety Data Sheet (MSDS).

CLEAN-UP

Clean equipment promptly with soap and water.

APPLICATION, Continued

GRAFFITI REMOVAL

Graffiti should be removed as soon as possible. Spray paint graffiti should be removed with GRAFFITI GARD® IV BIODEGRADABLE CLEANER followed by power washing. Cleaner should be applied by brush or roller, allow to remain on the surface 10 minutes, then scrubbed with a bristle brush, wait an additional 5 minutes, and power wash. Additional application of stripper may be necessary for complete graffiti removal. Graffiti not removed in the first few weeks may result in ghosting after cleaning.

REPAINTING

Prior to repainting or top coating GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED, abrading the surface substrate will be necessary. Light sanding or using steel wool are acceptable ways to remove the anti-graffiti properties.

BEST PERFORMANCE

IMPORTANT STEPS

- Follow all instructions closely for surface preparation, mixing, and application.
- Adjacent surfaces not to be coated should be well masked.
- Apply under ideal weather conditions with temperatures between 50-90°F.
- Shelf life is 6 months at room temperature. Containers should be stored upright and sealed.
- Periodic cleaning with a power-washer will remove any atmospheric dust or dirt residues and keep the surface fresh looking.
- Remove graffiti as soon as possible for greatest ease of removal.
- Allow a minimum cure time of 3 days (72 hours) to achieve anti-graffiti properties.
- **DO NOT THIN Part A or B; it will affect performance and/or color.**

TECHNICAL DATA

PHYSICAL PROPERTY	CLEAR	PIGMENTED
Coverage Rate	250-350 sf/gal	150-200 sf/gal
Density Part A	8.8, Typical	9.5, Typical
Density Part B	9.6, Typical	9.6, Typical
Density Mixed	9.0, Typical	9.5, Typical

PHYSICAL PROPERTY	CLEAR	PIGMENTED
Gloss @ 60 Degrees	>15-30	>15-30
Pot Life	>> One Hour	> One Hour
VOC (grams/liters)	< 50 g/L	< 50 g/L
Weight Percent Mixed A/B	53-55%	55-57%

Applicable Standards | American Society for Testing Materials (ASTM)

TEST METHOD/PROPERTY	CLEAR	PIGMENTED
ASTM D1653 Moisture Vapor Transmission	6 Perms	6 Perms
ASTM C666 Freeze/Thaw	Durability @ 300 Cycles - 98.3% Weight Loss @ 300 Cycles - 0% Surface Rating (Per C672) - No Scaling	Durability @ 300 Cycles - 98.3% Weight Loss @ 300 Cycles - 0% Surface Rating (Per C672) - No Scaling
ASTM D7089 Graffiti Cleanability	100% Graffiti removal of black solvent spray paint cured for 24 hours.	100% Graffiti removal of black solvent spray paint cured for 24 hours.
ASTM C666 Freeze/Thaw Modified with Saline	No visible changes nor signs of cracking or delamination @ 300 cycles.	No visible changes nor signs of cracking or delamination @ 300 cycles.
ASTM G154 Accelerated Weathering	Observations @ 1500 Hours - No cracking, loss of adhesion or discoloration.	Observations @ 1500 Hours - No cracking, loss of adhesion or discoloration.

ORDER INFORMATION

PACKAGING

GRAFFITI GARD® IV LOW LUSTER CLEAR OR PIGMENTED are two-component products that are available in either 0.9 gallon or five (5) gallon kits. The kit is comprised of a Part A and Part B component. **Note:** Five (5) gallon kit is comprised of one Part A component and two Part B components.

SHELF LIFE

6-Month Shelf Life under proper conditions:

- Containers are sealed, upright and airtight in a dry place.
- Maintain temperature of 45°F to 100°F (7°C to 37.7°C).
- AVOID FREEZING.

SAFETY

WARNING

- Use protective clothes, glasses, and gloves when mixing and applying.
- Use with adequate ventilation.
- When applying by spray, proper respiratory protective equipment must be worn.
- Follow recommendations on Material Safety Data Sheet (MSDS).

VOC COMPLIANCE

All TEX-COTE® products comply with federal Volatile Organic Compound (VOC) rules and regulations.

Please contact your nearest TEX-COTE LLC office for assistance on the local and state VOC compliance in the area of intended use.

WARRANTY

Upon completion of the application of the coating in accordance with the manufacturer's recommendations, TEX-COTE LLC will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with the manufacturer's recommendations for installation. TEX-COTE LLC shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.

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