



Anti Graffiti Coating Systems

GRAFFITI GARD® IIIW

DESCRIPTION

TEX·COTE® GRAFFITI GARD® IIIW System is a multi-step system with an aliphatic urethane topcoat that resists graffiti and staining from a variety of materials including food, ink, blood, spray paint, and markers. The slick surface is easy to clean with an appropriate compound. Many contaminants wipe off with soap and water. Ink-based or paint based graffiti is removed with TEX·COTE® GRAFFITI GARD® cleaner.

Murals are protected by applying TEX·COTE® TY-COTE Clear to protect the mural, yet maintain clarity. For previously painted surfaces, TY-COTE pigmented may be used, with or without TexStop primer, prior to applying the GRAFFITI GARD® IIIW top coat. GRAFFITI GARD® IIIW is applied over the TY-COTE for a long lasting protective finish.

FEATURES

- Breathable aliphatic urethane
- Water based formulation
- Low VOC

BENEFITS

- Protects underlying substrate
- Easy to clean surfaces
- Able to use in all states

RECOMMENDED OVER

Concrete, Galvanized Metal, Cement Fiber Board Tile, Cement Plaster Block Systems*, Brick Systems and other Manufacturer approved surfaces.

*Fill coat such as TEX·COTE® BLOCK FILLER must be used on block walls prior to application of system.

Note: Masonry, including mortar and concrete plaster, must cure a minimum of 28 days prior to applying the TEX·COTE® GRAFFITI GARD® IIIW System.

APPLICATION

Surface Preparation

All surfaces must be sound and cleaned with a manufacturer approved detergent or adequately sandblasted, wire brushed, scraped, or cleaned with a suitable alternative. Such surface contaminants as dust, environmental dirt, mildew, form oils and loose substrate shall be thoroughly removed by sandblasting, waterblasting, sanding or wire-brushing as required by the manufacturer.

Application Rate

Apply TY-COTE Pigmented at a rate of approximately 200 square feet per gallon. Apply GRAFFITI GARD® IIIW at a rate of 400 to 500 square feet per gallon per coat (2 coat application).

For murals or clear systems, apply TY-COTE Clear at a rate of 200 square feet per gallon prior to application of GRAFFITI GARD® IIIW at a rate of 400 to 500 square feet per gallon per coat (2 coat application).

Application Equipment

TY-COTE Clear, TY-COTE Pigmented, TEX·COTE® GRAFFITI GARD® IIIW Finish:

Spray-On:
Spray application is preferred. Commercial Grade Airless. Tip sizes: TY-COTE Clear: .013-.015
TY-COTE PIGMENTED: .015 - .017
GRAFFITI GARD® IIIW: .011 - .013

Roll-On / Brush:
Short nap roller, foam brushes or lacquer brush.

NOTE: Do not overwork the roller when applying TY-COTE Clear or TY-COTE PIGMENTED, as any excessive cavitation can cause bubbles. Try a test area first. Colors dry faster and are prone to bubbling with roller application. Consult manufacturer's representative for specific material applications.

Application

A sample wall is recommended for field approval by Architect, Manufacturer's Representative and

Contractor. This will determine if TY-COTE Clear or Pigmented is needed prior to application of GRAFFITI GARD® IIIW.

Provide a properly prepared, dry surface for the TEX·COTE® GRAFFITI GARD® IIIW System. (Note: Special surfaces may require a primer).

1. Inspect opened containers. Remove any skins, mix thoroughly prior to use. DO NOT THIN.
2. Application of each system shall be a uniform, pinhole free, continuous film over entire surface.
3. To prevent lap marks, avoid starting and stopping midway on wall surface, but continue to a natural breaking point such as a panel edge, seam or corner.
4. Excessive application of GRAFFITI GARD® IIIW may result in discoloration.
5. Mix Part A and Part B of GRAFFITI GARD® IIIW thoroughly prior to use. Do not stir air into the material, as this will cause the coating to foam,

- and resultant coating will contain pinholes.
6. Apply coating in an even film at the recommended coverage rate.

Caution
 TY-COTE must cure a minimum of 24 hours prior to application of GRAFFITI GARD® IIIW. GRAFFITI GARD® IIIW must cure a minimum of 1 hour and a maximum of 4 hours before applying

a second coat. Additional coats after a 4 hour cure could cause an adhesion problem.

FOR BEST PERFORMANCE

1. TEX•COTE® Graffiti System shall be applied under ideal weather conditions.
2. Graffiti marred surfaces may need to be treated with TEX•STOP® prior to application of Pigmented TY-COTE.
3. Rain is not imminent; surfaces are not damp or frozen.
4. Temperature is within 50°F (10°C) and rising to 90°F (32.2°C) range.
5. Incompatible Form Oils, Concrete Curing Agents, Old Chalking Paints, Laitance, etc., must be removed prior to application.
6. Retaining walls, planter boxes, etc. should be waterproofed with a below grade asphalt type sealer on side of wall exposed to back-fill.
7. TEX•COTE® GRAFFITI GARD® IIIW System is for above grade use only. Do not use below grade.
8. TEX•COTE® GRAFFITI GARD® IIIW Finish shelf life is 6 months at room temperature. TY-COTE Clear & Pigmented, GRAFFITI GARD® IIIW Paste Cleaner and TEX•STOP® shelf life is 12 months at room temperature. Container should be stored upright, sealed airtight to prevent moisture intrusion.
9. TEX•COTE® GRAFFITI GARD® IIIW Finish should be used only in well ventilated areas.
10. Do not store or use near excessive heat.
11. A respirator such as 1482-G102 (H.S.C. Corporation) or equal should be worn when spraying TEX•COTE® GRAFFITI GARD® Paste Cleaner. (Respirator should comply with OSHA Regulation 29 CFR1910134.)
12. Important: Intercoat adhesion of TEX•COTE® GRAFFITI GARD® IIIW Finish to itself after overnight cure or longer is poor. Additional coats can be applied after previous coat has set to touch (approximately 1- 4 hours depending on temperature and film thickness).
13. Adjacent surfaces not receiving TEX•COTE® GRAFFITI GARD® IIIW System should be properly sealed to prevent moisture intrusion.
14. TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
15. Keep mixed GRAFFITI GARD® IIIW in shade or cool area to lengthen pot life.
16. Do not mix excessive air into GRAFFITI GARD® IIIW, as air bubbles will become trapped in the film. This will distort the underlying surface, and may interfere with graffiti removal.
17. Early graffiti removal is easy. Remove graffiti as soon as possible to preserve anti-graffiti finish and save labor on intensive removal.

TECHNICAL DATA

1. TEX•COTE® TY-COTE

Weight Percent Solids
 Volume Percent Solids
 Viscosity Krieb Units, 77°±1°F
 Base Coat

CLEAR

27.8 Typical
 26.6 Typical
 52 Typical
 Urethane Base

PIGMENTED

70.2 Typical
 55.4 Typical
 104 Typical
 Acrylic Base

2. GRAFFITI GARD® IIIW FINISH

(Part A & B: Mixed by Volume - Approximately 20:1)

Percent Solids 20.6 Typical
 Volume Solids 19.1 Typical
 Viscosity Krieb Units (77±1°F) (A+B) 70.0 Typical
 Pot Life Up to 3 hours (Depending on temperature and batch sizes)
 Cure Time-Room Temperature:
 Set to Touch 1 - 2 Hours
 Tack Free 4 - 5 Hours
 Hard Overnight
 Maximum Cure 36 Hours to 3 days Depending on Temperature and Humidity
 Resin System Aliphatic Urethane

GRAFFITI GARD® IIIW Systems comply with all Federal VOC regulations.

ORDER INFORMATION

Packaging

TEX•COTE® GRAFFITI GARD® IIIW is a clear two-component finish available in one (1) and five (5) gallon kits. Kits contain 0.9 gallons and 4.5 gallons respectively to allow room for mixing Part A and Part B. Part A is supplied in a one or five gallon container; Part B is supplied in pint or quart containers.

Color

Clear. Excessive coverage may appear as yellowing.

Shelf Life

Six months in unopened containers. Containers must be stored upright and airtight in a dry space. Maintain air temperature of 45°F – 100°F (7°C – 38°C). Skins formed on surface of material must be removed prior to moving containers or mixing.

SAFETY

Use protective clothes, glasses, gloves and mask.* Rinse immediately with water on contact. Fumes are harmful if inhaled, use in well-ventilated areas.

*Recommended respirator such as 1482-C102 (H.S.C. Corporation) or equal. Should comply with OSHA Regulations 29 CFR 1910134.

VOC COMPLIANCE

All TEX•COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations. Please contact your nearest TCA office for assistance on the local VOC compliance in the area of intended use.

WARRANTY

Upon completion of application of coating in accordance with the manufacturer's recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a result of 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. Textured Coatings of America, Inc. shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty available upon request.



TEX•COTE®
GRAFFITI GARD® IIIW



TEX•COTE®
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