



## PRODUCT PROFILE

### DESCRIPTION

**TEX-COTE® Elastomeric Roof Coating** is a high solids latex acrylic coating formulated to impart superior resistance to ponding water conditions. Titanium dioxide and zinc oxide have been compounded into the fillers to ensure protection from ultraviolet and infrared sun rays. For mildew protection, a nonmercurial system is included. Dry film permeability permits breathing of the membrane which allows moisture vapor pressure to escape through the coating.

### FEATURES

- Acrylic Coating, 100% Water-Based
- Long-Term Durability & Long-Lasting Flexibility Even at Low Temperatures

### BENEFITS

- Keeps Water from Penetrating Hairline Cracks
- Protects Substrate from Moisture and Ultraviolet/Infrared Sun Rays

### RECOMMENDED PRIMERS/SUBSTRATES

Freshly Sprayed Urethane Foam (low, sloped, or pitched), Galvanized Metal and Aluminum (low sloped or steep-sloped roofs), Cementitious and Clay Tile

## PRODUCT APPLICATION

### APPLICATION EQUIPMENT

TEX-COTE® Elastomeric Roof Coating can be applied with the following equipment or equivalent:

- 30:1 Graco Bulldog Airless Model GH533 gasoline-powered, or Model 217234 Air-powered with minimum 100 psi to operate.
- Fluid pressure for spraying TEX-COTE® Elastomeric Roof Coating should be minimum of 2500 psi.
- For spray lines up to 200 ft. (61 meters), use 3/8" I.D. For spray lines above 200 ft. (61 meters), use 1/2" I.D. with 50 ft. of 3/8" I.D. at end that connects with spray gun to obtain line flexibility.
- Gun should be Graco Model 208664, 4-finger trigger model, or equivalent, with reverse cleaner Graco RAC-111.
- Tip size should be .029" to .035".
- Screen size - filter screen 20 to 30 mesh.

Alternate methods of application, depending on configuration of surface are: Brush, roller, or squeegee.

**NOTE:** TEX-COTE® Elastomeric Roof Coating has been sprayed using conventional airless Graco Model EH433GT. Hose I.D. 1/4"; Silver Airless Gun Graco 208-633. Filter size 60 mesh. Slight fingers noted in spray pattern, but acceptable.

### APPLICATION RATE

Base Coat (Grey): Apply at a rate of 1 to 1 ½ gallons per 100 square feet (.62 liters/square meter) to product a dry film thickness of 10-13 mils.

Top Coat (Bright Reflective White): Apply at a rate of 1 to 1 ½ gallons per 100 square feet (.62 liters/square meter) to produce a minimum dry film thickness of 13.8 mils.

DO NOT apply over damp or frozen surface or if rain is imminent. Mix well prior to use.

### DRYING / CURING TIME

Base Coat:

- Dry under ideal weather conditions before applying part II (Top Coat).
- Shall dry a minimum of 24 hours.

Top Coat:

- Dry time under ideal conditions.
- Dry to Touch: Approximately Two (2) Hours
- Cure Time: 24 Hours to foot traffic or to inclement weather.



## SURFACE PREPARATION & APPLICATION

**Urethane Foam:** The TEX-COTE® Elastomeric Roof Coating System should be applied to the fresh urethane foam as soon as foot traffic permits without causing depressions. Depending on weather conditions, this can be four (4) hours and no longer than 24 hours after foam application.

**NOTE:** All leaks must be properly sealed before applying TEX-COTE® Elastomeric Roof Coating.

**Concrete, Cementitious Brick Tile:** Clean surfaces thoroughly to remove environmental dirt. Mildew and algae must be killed and residue removed. Roof cracks and leaks must be repaired according to proper roofing procedures.

**Old Galvanized Metal or Aluminum:** Remove environmental dirt, scale and loose paint by wire brushing, power washing, or suitable alternative. Rust spots should be spot primed with exterior zinc chromate rust preventative primer and allowed to cure prior to coating.

**New Galvanized Metal or Aluminum:** Refer to TEX-COTE® REDITEX Treatment according to foregoing instructions.

- **For Wet Material:** Use Water
- **For Dry Material:** Use Xylol or Toluene

## CLEAN-UP

## BEST PERFORMANCE

### IMPORTANT STEPS

- Do NOT apply over frozen or damp surfaces or if rain imminent.
- AVOID FREEZING.
- Urethane foam must be coated within four (4) to 24 hours from application of urethane.
- Air temperature during application should be no less than 45°F (7°C) and rising, not to exceed 100°F (37.7°C).
- Product must be used and stored as described herein.
- TEX-COTE LLC does NOT promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- Skins that may form on surface of material must be removed prior to moving or mixing.

## TECHNICAL DATA

| PHYSICAL PROPERTY                                     | TYPICAL RESULT    | PHYSICAL PROPERTY              | TYPICAL RESULT |
|-------------------------------------------------------|-------------------|--------------------------------|----------------|
| Moisture Vapor Permeability, ASTM E-96                | 7 perms, typical  | Volume Percent                 | 71.0           |
| Low Temperature Flexibility with Hailstone Resistance | Excellent         | Weight Percent                 | 57.5           |
| Resistance to Ponding Water                           | Excellent         | Viscosity, 77°F (28°C)         | 92             |
| Resistance to Dirt Pick-Up                            | Excellent         | VOC (grams/liters minus water) | 12.30          |
| Temperature Reduction on Asphalt Roofing              | Up to 80°F (27°C) | Weight/Gallon (pounds)         | 50 max         |

## ORDER INFORMATION

### PACKAGING

Available in five (5), thirty (30), and fifty-five (55) gallon containers.

### COLORS

- **Base Coat:** Grey
- **Top Coat:** White or tinted to custom color upon request.
- **Deep Tones:** Subject to an upcharge.

### APPLICATION RATE

Apply at a rate of 1 to 1.5 gallons per 100 square feet per coat (base and top).

### SHELF-LIFE

12-Month Shelf-Life under proper conditions:

- Containers shall be stored upright and airtight in a dry place.
- AVOID FREEZING.
- Maintain air temperature of 45°F rising to 100°F (7°C to 38°C).
- Skins formed on surface of material must be removed prior to moving containers or mixing.



## SAFETY

### WARNING

- Contains Crystalline Silica.
- Do NOT breathe spray mist or dust.
- AVOID contact with skin, eyes, and clothing.
- Wash thoroughly after handling.

### FIRST AID

- If you experience difficulty breathing, leave area to obtain fresh air.
- If difficulty continues, seek medical attention.
- In case of eye contact, flush immediately with large quantities of water for at least 15 minutes.
- Seek medical attention if blurring or redness continues.

### 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 with the local and state VOC compliance in the area of intended use.

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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