



Architectural & Protective Coatings

TEX·COTE® ELASTOMERIC ROOF COATING

DESCRIPTION

TEX·COTE® Elastomeric Roof Coating is a high solids latex acrylic coating formulated to impart superior resistance to ponding water conditions. It has excellent adhesion to fresh urethane foam, galvanized metal, aluminum, concrete, cementitious and clay tile. Titanium dioxide and zinc oxide have been compounded into the

fillers to insure protection from ultraviolet and infrared sun rays. For mildew protection, a non-mercurial system is included. Dry film permeability permits breathing of the membrane which allows moisture vapor pressure from the substrate to escape through the coating. TEX·COTE® Elastomeric Roof Coating

has long-term durability and long lasting flexibility even at low temperatures. 100% water based

FEATURES

acrylic coating

BENEFITS

- Keeps water from penetrating hairline cracks
- Protects substrate from moisture and ultraviolet

RECOMMENDED OVER

Freshly sprayed urethane foam (low sloped or pitched), galvanized metal and Aluminum (low sloped or steep sloped roofs), cementitious and clay tile.

APPLICATION

Recommended 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 0.029" to 0.035"
- Screen size - filter screen 20 to 30 mesh

Alternate methods of application, depending upon 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 Rates

TEX·COTE® Elastomeric Roof Coating I – Base Coat (Gray). Apply at a rate of 1 to 1½ gallons per 100 square feet (.62 liters/square meter) to produce a dry film thickness of 10-13 mils.

TEX·COTE® Elastomeric Roof Coating II – Top Coat (Bright Reflective White). Apply at a rate of 1 to 1-1/2 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

TEX·COTE® Elastomeric Roof Coating – Base Coat: Shall dry a minimum of 24 hours under ideal weather conditions before applying part II (Top Coat).

TEX·COTE® Elastomeric Roof Coating – Top Coat Dry time under ideal conditions: Dry to touch - approximately 2 hours. Cure time – 24 hours to foot traffic or to inclement weather.

Surface Preparation / Application

A. 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 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, 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 before applying TEX·COTE® Elastomeric Roof Coating according to foregoing instructions.

CLEAN-UP

A. For wet material use water; for dry material use xylol or toluene.

FOR BEST PERFORMANCE

- A. Do not apply over frozen or damp surfaces or if rain imminent.
- B. Avoid freezing.
- C. Urethane foam must be coated within 4 to 24 hours from application of urethane.
- D. Air temperature during application should be no less than 45°F (7°C) and rising, not to exceed 100°F (37.8°C).
- E. Product must be used and stored as described herein.
- F. TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- G. Skins that may form on surface of material must be removed prior to moving or mixing

TECHNICAL DATA

Table 1

• Moisture vapor permeability, ASTM E-96	7 perms, typical
• Low temperature flexibility with hailstone resistance	Excellent
• Resistance to Ponding Water	Excellent
• Resistance to Dirt Pick-up	Excellent
• Temperature Reduction on Asphalt Roofing	Up to 80°F (27°C)

Elongation Tests Maximum Stress

- A) Before weatherometer = 300 % (77°F.)
B) After 500 hours weatherometer = 285 % (77°F.)

Table 2

<u>Physical Property</u>	<u>Typical Result</u>
Percent solids, by weight	71.0
Percent solids, by volume	57.5
Viscosity 77+1°F, KU	92
Pounds per gallon	12.30
VOC, grams/liter	50 max

ORDER INFORMATION

Packaging

5-gallon pails; 30- and 55-gallon drums

Color

Base coat - gray; Top coat white, or tinted to custom color upon request. Deep tones are subject to an upcharge.

Application Rate

Apply at a rate of 1 to 1 1/2 gallons per 100 square feet per coat (base and top).

Shelf Life

Twelve month shelf life based on the following:

- Containers shall be stored upright and airtight in a dry place. **AVOID FREEZING.**
- Maintain air temperature of 45°F 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. Use with adequate ventilation. Do not breathe spray mist or dust. Avoid contact with eye, skin and clothing. Wash thoroughly after handling.

First Aid: If you experience difficulty in

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 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®
ELASTOMERIC ROOF
COATING



TEX•COTE®
TEXTURED COATINGS OF AMERICA, INC.

CORPORATE OFFICES & EASTERN PLANT
2422 East 15th Street Panama City, Florida 32405
Tel: (850) 769-0347 Fax: (850) 913-8619

COMMERCIAL SALES OFFICE
4101 Ravenswood Road, Suite 216,
FT. Lauderdale, Florida 33312
Tel: (954) 681-0771 Fax: (954) 581-9516

WESTERN PLANT
5950 S. Avalon Blvd.
Los Angeles, California 90003
Tel: (323) 233-3111 Fax: (323) 232-1071