



Architectural & Protective Coatings

TEX•COTE® 300 BRIDGE AND HIGHWAY PAINT AND HEAVY STAIN (TEXAS DOT)

DESCRIPTION

TEX •COTE® 300 BRIDGE AND HIGHWAY PAINT AND HEAVY STAIN is an acrylic polymer stain formulated for the Texas Department of Transportation for use on concrete / masonry surfaces.

TEX •COTE® 300 BRIDGE AND HIGHWAY PAINT AND HEAVY STAIN features rapid drying, good adhesion, mois-

ture resistance and flexibility. These features help withstand temperature variations in various climates.

FEATURES

- Water-based,
- Low VOC coating.
- Fast dry
- Excellent Weatherability

BENEFITS

- Very good color retention, even in deep tones

RECOMMENDED OVER

- Poured concrete,
- precast concrete and
- other manufacturer approved surfaces.

APPLICATION

Application Equipment: Spray On Application: Use airless spray equipment , tip size 0.17-0.19 TEX •COTE® application manual available upon request. Roll On Application: Overall appearance depends on application technique. Mock-up sample for architect/owner approval is recommended. Short, medium or long nap rollers (3/8 " -3/4 ") may be used for standard application.

Surface Preparation: All surfaces must be sound, clean and dry. Such surface contaminants as dust, dirt, mildew, form oils, curing compounds and loose substrates should be thoroughly removed. Test the wall for stain acceptability prior to application of stain. This can be done by spraying the wall with water. If the water soaks into the wall, the wall is properly prepared and can be stained when dry. If the water beads up and is repelled, the wall requires further cleaning prior to application of the stain.

Sack and patch should be completed prior to stain application. If undesirable, large cracks, holes or voids must be filled with cement patching compound which uses a bonding agent. patching compound finish texture to match existing adjacent surfaces. preparation, degreasing, and etching is

Application of stain: A sample wall is recommended for field approval by the architect, manufacturer 's representative, and contractor .

Provide a properly prepared surface for all stain systems, material coverage can vary due to surface porosity and texture.

Note: Due to differences experienced in spraying TEX •COTE® materials, TCA shall be contacted if the contractor has never applied TEX •COTE® products to discuss proper spray techniques. .

Recommended Application Rate: Concrete /Masonry smooth surface

Overall coverage rate is 150 sq ft per gallon. Coating may be applied in a single coat application as long as a pin-hole free film is achieved. Additional coats may be required depending on surface porosity at application rate of 150 – 300 square feet per gallon per coat.

When rolling, apply first with vertical strokes, then crossroll for even film and desired appearance.

Maintenance: No particular maintenance is required. However, should any of the product become soiled, simply clean with light water pressure and mild detergent.

Clean Up: Use water for cleaning wet material

Best Performance

TEX •COTE® 300 BRIDGE AND HIGHWAY PAINT AND HEAVYSTAIN shall be applied under the following conditions:

1. Rain is not imminent and surfaces are not damp or frozen.
2. Temperature is at least 45°F and rising up to no more than 100°F (7° C—38° C)
3. TCA is not responsible for coating over sealants/caulked joints. TCA accepts no responsibility for the performance of its product on a surface that is not approved.
4. Incompatible substrate release agents, form oils, and any foreign matter shall be removed.
5. Material use is above grade only. Do not use below grade.
6. Product must be used within 12 months when stored and handled as specified by manufacturer.

Refer to SDS before use.

TECHNICAL DATA

Table 1 Applicable Standards

American Society for Testing Materials (ASTM):

ASTM D2243—Freeze—Thaw Resistance of water borne material—pass

ASTM E96-95—Standard Test Methods for Water Vapor Transmission of Materials—9.7 Perms

FTM 141: Fungus Growth Resistance—Pass, No Growth

Table 2 Technical Properties

Test Property	Typical Result
Solids % by weight	52%
Solids % by volume	36%
Weight per gallon, lbs.	11.0
VOC, grams/liter	100 max.

ORDER INFORMATION

Colors: Available in standard TEX •COTE® colors and custom colors. Deep tones subject to upcharge.

Shelf Life: Twelve month shelf life based on the following:

- Containers shall be stored upright and airtight in a dry place.
- Maintain air temperature of 45°F to 100°F (7°C to 38°C) Do not store outside or exposed to direct sunlight

which can dry materials and cause them to excessively skin .

- Skins formed on surface of material must be removed prior to moving containers or mixing.

SAFETY

Warning: TEX •COTE® 300 BRIDGE AND HIGHWAY PAINT and HEAVY STAIN should be used in well ventilated areas. Use face mask with filter in poorly ventilated areas. Do not breathe spray mist or dust. If you experience difficulty in breathing, leave area to obtain fresh air.

If difficulty continues, seek medical attention. Avoid contact with eyes, 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 atten-

tion if blurring or redness continues. Caution: This product, in liquid form, contains ethylene glycol which will cause serious illness or death if swallowed, or if large quantities are absorbed into body. In liquid form, keep away from heat sources and children. If swallowed, do not induce vomiting. Call physician at

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.



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