



TECHNICAL DATA SHEET

Architectural & Protective Coatings TEX-COTE® 300 Bridge & Highway Paint (Texas DOT)

PRODUCT PROFILE

DESCRIPTION

TEX-COTE® 300 Bridge & Highway Paint (Texas DOT) is an acrylic polymer paint formulated for the Texas Department of Transportation for use on concrete/masonry surfaces.

FEATURES

- Water-Based
- Low VOC Coating
- Fast Drying
- Excellent Weathering

BENEFITS

- Very Good Color Retention, Even in Deep Tones

RECOMMENDED

PRIMERS/SUBSTRATES

Poured Concrete, Precast Concrete and Other Manufacturer-Approved Surfaces.

PRODUCT 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.

GENERAL / SURFACE PREPERATION

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 acceptability prior to application. 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 painted when dry. If the water beads up and is repelled, the wall requires further cleaning prior to application.

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

APPLICATION

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

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

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

APPLICATION RATE

Overall coverage rate is 150 sq. ft. per gallon. Coating may be applied in a single coat application as long as a pinhole-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.

MAINTENANCE

When rolling, apply first with vertical strokes, then cross-roll for even film and desired appearance. No particular maintenance is required. However, should any of the product become soiled, simply clean with light water pressure and mild detergent.

CLEAN-UP

- **For Wet Material:** Use Water for Cleaning

*Refer to SDS before use.

BEST PERFORMANCE

IMPORTANT STEPS

TEX-COTE® 300 Bridge & Highway Paint shall be applied under the following conditions:

- Rain is not imminent, and surfaces are not damp or frozen.
- Temperature is at least 45°F and rising up to no more than 100°F (7°C - 37.7°C).
- TEX-COTE LLC is not responsible for coating over sealants/caulked joints. TEX-COTE LLC accepts no responsibility for the performance of its product on a surface that is not approved.
- Incompatible substrate release agents, form oils, and any foreign matter shall be removed.
- Material use is above grade only. Do NOT use below grade.
- Product must be used within 12 months when stored and handled as specified by manufacturer.



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TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT	PHYSICAL PROPERTY	TYPICAL RESULT
Volume Percent	36%	VOC (grams/liters minus water)	100 Max.
Weight Percent	52%	Weight/Gallon (pounds)	11.0 lbs

Applicable Standards | American Society for Testing Materials (ASTM)

TEST METHOD	PROPERTY	RESULT
ASTM D2243	Freeze-Thaw Resistance of Waterborne Material	PASS
ASTM E96-95	Water Vapor Transmission of Materials	9.7 Perms
FTM 141	Fungus Growth Resistance	Pass, No Growth

ORDER INFORMATION

COLORS	Available in Standard TEX-COTE® Colors and Custom Colors; Deep Tones Subject to Upcharge.
SHELF-LIFE	12-month Shelf Life under proper conditions: • Containers shall be stored upright and airtight in a dry place. • Maintain air temperature of 45°F to 100°F (7°C to 37.7°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	• Use in well ventilated areas. • Use face mask with filter in poorly ventilated areas. • Do NOT breathe spray mist or dust. • If you experience difficulty 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 attention 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 911 immediately.
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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