

PRODUCT PROFILE

DESCRIPTION

TEX-COTE® XL 70® “W” BRIDGE COTE is a water-based high-build, advanced epoxyacrylate resin system. This material is used for the protection and beautification of bridges, above-grade surfaces such as concrete walls, median dividers, curbs, retaining walls, etc. Available in smooth, sand, fine, and coarse textures.

FEATURES

- Hi-Build Textured Coating
- One-Coat Application
- Apply to Uncured or Damp Concrete
- Breathable Film
- Tremendous Bond with Concrete
- Lasts for Years Longer Than Traditional Paints and Coatings
- Can Be Applied Directly to Properly Prepared Approved Concrete Surfaces

BENEFITS

- Lower Application Cost
- Reduced Application Time
- Lower Maintenance Costs
- Prevents Concrete Spalling
- Protects Concrete From UV, Moisture, and Salts

RECOMMENDED
PRIMERS/SUBSTRATES

Concrete and Other Manufacturer Approved Surfaces

PRODUCT APPLICATION

APPLICATION
EQUIPMENT

Spray-On Application: Provide spray equipment similar to Graco 10:1 President or GM 1030 for smooth, sand, fine and coarse textures. High volume commercial-grade airless spray equipment may be used for the smooth texture version. TEX-COTE® application manual available upon request.

Roll-On Application: May be used for selected applications, depending on texture desired. Short, medium or long nap rollers may be used for standard application depending on texture. Overall appearance depends on application technique. Mock-up sample for architect/owner approval is recommended.

GENERAL/SURFACE
PREPARATION

Surface preparation by the general contractor prior to the application of an applied finish coating shall consist of a general surface finish in accordance with the specific requirements of the state transportation department or governmental Manufactured to meet Federal Specification TTC-555B performance requirements. The application of 50 square feet per gallon develops a 15-mil dry film thickness. The approved coverage rate for TEX-COTE® XL 70® “W” BRIDGE COTE® may vary in different states and regions. Please consult the governing highway department or governmental agency for their requirements and specified coverage rates.

Texture of Coating Roll-On Application: Smooth or sand Spray on application: Smooth, sand, fine and coarse. agency. Surface to be coated shall be free from efflorescence, flaking coatings, oil, curing compounds, release agents and other laitances prior to the application of the applied coating. Curing compound and release agent must be removed and may require light sandblast or water blast at a minimum of 2500 PSI or greater.

Test the wall for coating acceptability prior to the application of coating. 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 coated when dry. If the water beads up and is repelled, the wall requires further cleaning prior to application of the coating. Sack and patch shall not be applied over the coating. This practice may void warranty. All sacking and patching should be completed prior to coating application.

APPLICATION RATE

Coverage rates vary depending on chosen texture. Typical coverage rate 50-80 sf/gallon.

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TEXTURE OF COATING

- Roll-On Application: Smooth or sand
- Spray-On Application: Smooth, sand, fine and coarse.

MAINTENANCE

No special maintenance is required. Should TEX-COTE® XL 70® “W ” BRIDGE COTE® become, clean with light water pressure and mild detergent.

CLEAN-UP

- Dry Material: Xylol or Methyl Ethyl Ketone (MEK)
- Wet Material: Use Water

BEST PERFORMANCE

IMPORTANT STEPS

- TEX-COTE® XL 70® “W” BRIDGE COTE® shall be applied under the following ideal conditions:
- Rain is not imminent and surfaces are not damp or frozen. AVOID FREEZING PRODUCT.
 - Do NOT apply material when snow, rain and freezing are imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
 - Application temperature is above 40°F and rising, not to exceed 100°F (37.8°C).
 - Incompatible substrates release agents, form oils, curing compounds and foreign matter should be removed prior to the coating application.
 - Material use is above-grade only. Do NOT use below-grade.
 - Concrete Retaining Walls/MSE Walls etc—recommend weep holes in concrete or some form of below grade damproofing on side of walls to be backfilled to help resist potential hydrostatic pressure.
 - Mix thoroughly before using. Product must be used within 12 months; store and handle as specified by manufacturer.
 - TEX-COTE LLC does NOT promote or recommend coating the sealant joint, nor is the sealant compound an approved substrate.

PRODUCT APPLICATION

PHYSICAL PROPERTY	TYPICAL RESULT	PHYSICAL PROPERTY	TYPICAL RESULT
Permeability	15.0 Perms	Solvent	Water
Volume Percent	40-50% Typical	Weight/Gallon (pounds)	10.5 lbs Typical
Weight Percent	50-60% Typical	VOC (grams/liters minus water)	<100

TEST METHOD	PROPERTY	RESULT
ASTM D6904	Resistance to Wind-Driven Rain	Pass, No Leakage
ASTM D1653	Water Vapor Transmission	15.0 Perms
ASTM D968	Abrasion Resistance	Pass, 3000 Liters of Sand
ASTM B117	Salt Fog Resistance	2000 Hours No Disbondment
ASTM D4587	Cyclic Weathering	Pass, 2000 Hours
ASTM D3273	Fungal Resistance	10 Rating ASTM D3274
AASHTO R31	Freeze-Thaw Resistance	Pass, 30 Cycles

ORDER INFORMATION

- PACKAGING** Available in five (5) gallon and fifty-five (55) gallon containers (19 and 209 L).
- COVERAGE RATES** Material coverage rates vary due to surface porosity, texture, and application method.
- COLORS** Product is available in TEX-COTE® Standard Paint Colors. Contact the manufacturer for special color matching. Contact representative for information.
- SHELF LIFE** 12-Month Shelf Life under proper conditions:
- Containers are sealed, upright and airtight in a dry place.
 - Maintain temperature of 45°F to 100°F (7°C to 37.7°C); AVOID FREEZING.
 - 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 eyes, skin, and clothing.
- Wash thoroughly after handling.
- Use in well-ventilated areas.
- Use approved respirator in poorly ventilated areas.
- Keep liquid product away from heat sources and children.
- For Professional Use Only.

FIRST AID

- Use in well-ventilated areas.
- 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.
- If swallowed, do NOT induce vomiting.
- Seek medical treatment immediately.
- Refer to MSDS for further information.

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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