



PRODUCT PROFILE

DESCRIPTION

XL 70® BRIDGE COTE® is a one-component, ready-to-use concrete/masonry protective coating. This material is utilized for the protection and beautification of bridges, above-grade exterior surfaces such as concrete walls, columns, spandrels, median dividers, curbs, retaining walls, etc.

XL 70® BRIDGE COTE® reduces the cost of rubbing, grouting, and sacking of concrete. It helps minimize surface irregularities and will not internally support fungus or mildew. Available in smooth, sand, medium, and coarse textures.

FEATURES

- One-Coat Application
- Breathable Film
- Apply to Green or Damp Concrete Surfaces
- Tremendous Bond with Concrete
- Lasts Years Longer Than Traditional Paints and Coatings

BENEFITS

- Lower Application Costs
- Reduced Application Time
- Lower Maintenance Costs
- Prevents Concrete Spalling
- Protects from UV, Moisture, Salts
- Suitable for High Humidity Areas
- Can Be Applied in Cold Weather
- Primerless Application

RECOMMENDED PRIMERS/SUBSTRATES

Concrete and Other Manufacturer-Approved Surfaces.

PRODUCT APPLICATION

APPLICATION EQUIPMENT

Spray-On Application: Provide spray equipment similar to Graco President 10:1 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: Smooth or fine texture may be applied with standard medium or long nap roller.

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 agency.

Surface to be coated shall be free from efflorescence, flaking coatings, oil, curing compounds, release agents, and other deleterious substances prior to the application of the TEX-COTE® XL 70® BRIDGE COTE®. Curing compound and release agent must be removed and may require light abrasive-blast or water-blast at a minimum 2500 PSI or greater.

Test the wall for coating acceptability prior to 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

Apply at a rate of 50 +/- 10 sq. ft./gal., depending upon porosity and texture desired. Manufactured to meet Federal Specification TTC-555B and various performance tests listed in the technical data. A one-coat application at 50 square feet/gallon develops a 15-mil dry film thickness.

The approved coverage rate for TEX-COTE® XL 70® BRIDGE COTE® may vary in different states and regions. Please consult the governing transportation department or governmental agency for their requirements.

ADDITIONAL APPLICATIONS

TEX-COTE® XL 70® BRIDGE COTE® may be applied over RAINSTOPPER® Silane or Siloxane penetrant sealers. Also, TEX-COTE® GRAFFITI GARD® Protection Systems may be used over TEX-COTE® XL 70® BRIDGE COTE® after a 21-day minimum cure under ideal conditions. Consult your local representative for proper application procedures and specifications.

DRYING/CURING TIMES

- **To Touch:** 48 Hours
- **Full Cure:** Typically 21 to 30 Days

CLEAN-UP

- **For Dry Material:** Use Methyl Ethyl Ketone (MEK)
- **For Wet Material:** Use Mineral Spirits

BEST PERFORMANCE

IMPORTANT STEPS

Apply TEX-COTE® XL 70® BRIDGE COTE® under the following conditions:

- Do NOT thin XL 70® BRIDGE COTE® and do not use as grout.
- Do NOT mix XL 70® BRIDGE COTE® in a drum with another type of paint.
- Agitate XL 70® BRIDGE COTE® thoroughly prior to use.
- May be applied over a damp, but not wet with liquid water, surface.
- Application temperatures is above 20°F (-6°C).
- Do NOT apply if rain is imminent or apply over frozen surface.
- Do NOT apply material when snow, rain, and freezing are imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
- Backside of retaining walls shall be waterproofed with asphalt-type below-grade sealer.
- In cool weather conditions, 5-gallon pails are recommended for ease of use.

PRODUCT APPLICATION

PHYSICAL PROPERTY	TYPICAL RESULT
Moisture Vapor Permeance	5.6 Perms
Volume Percent	57%
Weight Percent	71%

PHYSICAL PROPERTY	TYPICAL RESULT
Solvent	Aliphatic
VOC (grams/liters minus water)	400 grams/liters MAX
Weight/Gallon (pounds)	MAX 10.0 ± 0.5 lbs.

Federal Specification TTC-555B | Applicable Standards | American Society for Testing

TEST METHOD	PROPERTY	RESULT
ASTM C672	Scaling Resistance	50 Cycles
AASHTO T259/T260	Chloride Ion-Penetration Resistance	-
ASTM G-153	Twin Arc Weatherometer Exposure	10,000 Hours
Mississippi Hwy Dept.	Freeze-Thaw Method	378 Cycles
ASTM B-117	Salt Spray Resistance	3000 Hours
ASTM D968-81	Abrasion Resistance	2000 Liters, Falling Sand
GSA Exception No. 1	(To TTC-555B) Accelerated Alkali Resistance	Pass
Infrared Spectrum	-	Typical
TTP-29	Fungus Growth Resistance	21 Days, Passed

ORDER INFORMATION

COLORS

TEX-COTE® XL 70® BRIDGE COTE® is available in TEX-COTE® Standard Decorative Colors. Federal shade colors and custom colors upon request.

TEXTURES

Available in Smooth, Sand, Fine, and Coarse Textures.

PACKAGING

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

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

TEX-COTE® XL 70® BRIDGE COTE® is a combustible in liquid and vapor form.

- Keep away from heat and flames.
- Vapor is harmful.
- Use with adequate ventilation.
- View Material Safety Data Sheet (MSDS) before using material.
- Smoking in area where this material is used should be strictly prohibited.
- Contains petroleum distillates, crystalline silica and lime.
- Keep out of reach of children.

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.
- For skin, wash thoroughly with soap and water.
- If swallowed, get medical attention immediately.
- Do NOT induce vomiting.

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.

Corporate HQ & East Coast Facility

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