



Transportation Products

XL 70® BRIDGE COTE® (Solvent)

DESCRIPTION

TEX·COTE® 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. TEX·COTE® 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, fine, and coarse textures.

FEATURES

- One coat application
- Apply to green or damp concrete surfaces
- Breathable film
- 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 OVER

Concrete and other manufacturer approved surfaces.

APPLICATION

Spray On Application

Provide spray equipment similar to Graco President 10:1 pump 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.

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 sandblast 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

Apply at a rate of 50 +/- 10 sq. ft./gal., depending upon porosity and textured 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. Dry to touch: 48 hours; full cure typically 21 to 30 days. 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.

Clean Up

Use mineral spirits for wet material. Use methyl ethyl ketone (MEK) for dry material.

BEST PERFORMANCE

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

1. Do not thin XL70® BRIDGE COTE® and do not use as grout.
2. Do not mix XL70® BRIDGE COTE® in a drum with another type of paint.
3. Agitate XL70® BRIDGE COTE® thoroughly prior to use.

4. May be applied over a damp, but not wet with liquid water, surface.
5. Application temperature is above 20°F (-6°C).
6. Do not apply if rain is imminent or apply over frozen surface.
7. Do not apply material when snow, rain and freezing are imminent. Wet conditions combined with cold temperatures

- may cause improper curing of product.
8. Backside of retaining walls shall be waterproofed with asphalt type below grade sealer.
9. In cool weather conditions, 5-gallon pails are recommended for ease of use.

TECHNICAL DATA

Table 1

- Federal Specification TTC-555B
- ASTM C672-Scaling Resistance 50 cycles
- AASHTO T259/T260 Chloride Ion-Penetration Resistance
- ASTM G-153 Twin Arc Weatherometer Exposure 10,000 Hours
- Mississippi Highway Department Freeze/Thaw Method 378 Cycles
- ASTM B-117 Salt Spray Resistance 3,000 Hours
- ASTM D968-81 Abrasion Resistance 2,000 Liters - Falling Sand
- GSA Exception No. 1 to TTC-555B Accelerated Alkali Resistance-Passed
- Infrared Spectrum -Typical
- TTP-29 Fungus Growth Resistance 21 Days-Passed

Table 2

Physical Property	Typical Result
Solvent	Aliphatic
Solids, by Weight	71%
Solids, by Volume	57.0%
Weight per gallon	Max. 10.0 ± 0.5 lbs.
Moisture Vapor Permeability	5.6 Perms
VOC Content	400 grams/liter maximum

ORDER INFORMATION

Colors

TEX•COTE® XL 70® BRIDGE COTE® is available in TEXCOTE standard decorative colors, Federal shade colors and custom colors upon request.

Textures

Available in Smooth, Sand, Fine and Coarse Textures.

Container Size

Five (5) gallon pails as well as fifty-five (55) gallon drums.

Shelf Life

Twelve (12) month shelf life based on the following:

- Containers are sealed, upright and stored in a dry place.
- Maintain temperature of 45°F to 100°F (7°C to 38°C); avoid freezing.
- Any skins formed on surface of material ust 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 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

If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. 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 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 results 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 manufacturer's recommendations for installation. TEX•COTE® shall have no obligation to contribute or to otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.



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