



Transportation Products

XL 70® C BRIDGE COTE®

DESCRIPTION

XL 70® C BRIDGE COTE®, is a heavy-bodied, heavy-duty, fine textured coating formulated with interlocking pigments and aggregates dispersed in a high polymeric based organic resin system. XL 70® C BRIDGE COTE® is specifically formulated to function both as a concrete coating and a concrete curing compound for use over concrete substrates

that require curing. For the protection and beautification of bridges and above-grade exterior surfaces such as concrete walls, columns, spandrels, median dividers, curbs, retaining walls, etc. XL 70® C BRIDGE COTE® reduces the cost of rubbing, grouting and sacking of concrete. Specifically formulated for bridge systems, factory mixed and ready to use.

FEATURES

- One coat application
- Can be used as curing compound as well as protective coating

RECOMMENDED OVER

Damp, green, uncured concrete surfaces such as: bridges, concrete walls, columns, spandrels, medians, dividers, curbs.

BENEFITS

- One coat application over certain surfaces
- High build textured coating
- Can be applied over damp concrete

APPLICATION

Sprayed-On Application

Use a Graco President 10:1 pump or GM 1030 pump. Refer to the TEX·COTE® application manual for further information.

Roll-On Application

Standard rollers in medium and long nap.

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 detritus substances 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 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.

feet/gallon develops a 15-mil dry film thickness. The approved coverage rate for TEX·COTE® XL 70® C 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® C 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® C BRIDGE COTE® after a minimum of 21 days cure in ideal conditions. Consult your local representative for proper application procedures and specifications.

Clean-Up

1. Clean up wet material clean with mineral spirits.
2. For dry material use MEK.

Drying / Curing Times

To touch: 48 hours. Final Cure: 2-3 weeks min. Times based on ideal weather conditions

APPLICATION RATE: 50 +/- 10 sq ft/gal

Spray-On / Roll-On

Manufactured to meet Federal Specification TTC-555B and various performance tests listed in the technical data. A one-coat application at 50 square

FOR BEST PERFORMANCE

1. Do not thin XL 70® C and do not use as grout.
2. Do not mix XL 70® C BRIDGE COTE® in drum with other types of paint.
3. Agitate XL 70® C BRIDGE COTE® thoroughly prior to use, particularly when temperatures approach 40°F.
4. May be applied over a damp, but not

5. Application temperature is above 40°F (4.4°C) and rising, not exceeding 100°F (38°C).

- 6. Do not apply material when snow, rain and freezing are imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
- 7. Do not apply if rain is imminent or over frozen surface.
- 8. TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- 9. In cool weather conditions, 5-gallon pails are recommended for ease of use.

TECHNICAL DATA

Table 1

- Meets all requirements of Federal Specification TTC-555B
- ASTM C672-Scaling Resistance - Pass, 50 cycles
- AASHTO T259/T260 Chloride Ion - Penetration Resistance
- ASTM G-153 Twin Arc Weatherometer Exposure- 10,000 Hours
- ASTM D5860/ Mississippi Highway Dept. Freeze/Thaw Method -Pass, 378 Cycles
- ASTM B-117 Salt Spray Resistance 3,000 Hours
- ASTM D968-81 Abrasion Resistance, 2,000 Liters Falling Sand - Pass
- GSA Exception No. 1 to TTC-555b Accelerated Alkali Resistance - Pass
- Infrared Spectrum - Typical
- TTP-29 Fungus Growth Resistance 21 Days - Pass
- ASTM C309/AAHSTO M148 Type II, Curing Compound Requirement -Pass
- ASTM C309/AAHSTO M148 Type II, curing compound requirement

Table 2

Solvent	Aliphatic
Solids, by Weight	71% Typical
Solids, by Volume	51% Typical
Weight per gallon	11.5 lbs.
Moisture Vapor	0.4 Metric Perms
Permeability	Minimum
VOC Content	<400 grams/liter

ORDER INFORMATION

Textures

Fine and sand texture are standard State type finish. Smooth and coarse textures are available upon request.

Color

Available in TEXCOTE standard decorative colors, Federal shade colors, and custom colors upon request.

Shelf Life

12 months shelf life based on the following: containers shall be stored upright and air tight in temperature ranging from 40°F (4.4°C) to 100°F (38°C) in a dry place. AVOID FREEZING. Any skins formed on surface material must be removed prior to moving containers or mixing.

SAFETY

Warning! Combustible liquid and vapor. Keep away from heat and flames. Contains petroleum distillates, crystalline silica and lime. Vapor 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. 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 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 is available upon request.



TEX•COTE®
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TEX•COTE®
TEXTURED COATINGS OF AMERICA, INC.

CORPORATE OFFICES & EASTERN PLANT
2422 East 15th Street Panama City, Florida 32405
Tel: (850) 769-0347 Fax: (850) 913-8619

COMMERCIAL SALES OFFICE
4101 Ravenswood Road, Suite 218,
FT. Lauderdale, Florida 33312
Tel: (954) 581-0771 Fax: (954) 581-9516

WESTERN PLANT
5950 S. Avalon Blvd.
Los Angeles, California 90003
Tel: (323) 233-3111 Fax: (323) 232-1071