



PRODUCT PROFILE

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 A Curing Compound As Well As Protective Coating

BENEFITS

- One-Coat Application Over Certain Surfaces
- Can Be Applied Over Damp Concrete
- High-Build Textured Coating

RECOMMENDED PRIMERS/SUBSTRATES

Damp, Green, Uncured Concrete Surfaces Such As: Bridges, Concrete Walls, Columns, Spandrels, Medians, Dividers, Curbs

PRODUCT APPLICATION

APPLICATION EQUIPMENT

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.

Spray-On Application: Surface preparation, prior to the application of an applied finish coating, shall consist 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.

GENERAL/SURFACE PREPARATION

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 abrasive-blast or water-blast at a minimum of 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 SPRAY-ON/ROLL-ON

Typical coverage rate 50-80 sf/gallon.

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

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

DRYING/CURING TIMES

- **To Touch:** 48 Hours
- **Final Cure:** Two to Three (2-3) Weeks Min.
- Times Based on Weather Conditions

BEST PERFORMANCE

IMPORTANT STEPS

- Do NOT thin XL 70[®] C and do NOT use as grout.
- Do NOT mix XL70[®] C BRIDGE COTE[®] in a drum with other types of paint.
- Agitate XL 70[®] C BRIDGE COTE[®] thoroughly prior to use, particularly when temperatures approach 40°F.
- May be applied over a damp, but not wet with liquid water surface.
- Application temperature is above 40°F (4.4°C) and rising, not exceeding 100°F (37.7°C).
- Do NOT apply material when snow, rain, and freezing are imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
- Do NOT apply if rain is imminent or over frozen surface.
- TEX-COTE LLC does NOT promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- In cool weather conditions, 5-gallon pails are recommended for ease of use.
- Concrete Retaining Walls/MSE Walls etc—recommend weep holes in concrete or some form of below grade dampproofing on side of walls to be backfilled to help resist potential hydrostatic pressure.

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Moisture Vapor Permeance	0.4 Metric Perms
Volume Percent	51%, Typical
Weight Percent	71%, Typical
Permeability	Minimum

PHYSICAL PROPERTY	TYPICAL RESULT
Solvent	Aliphatic
VOC (grams/liters minus water)	<400 grams/liter
Weight/Gallon (pounds)	11.5 lbs

Meets All Requirements of Federal Specification TTC-555B

TEST METHOD	PROPERTY	RESULT
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	MI Hwy Dept. Freeze/Thaw Method	Pass, 378 Cycles
ASTM B-117	Salt Spray Resistance	3000 Hours
ASTM D968-81	Abrasion Resistance	2000 Liters Falling Sand, Pass
GSA Exception #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

ORDER INFORMATION

- TEXTURES

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

Available in TEX-COTE[®] standard decorative colors, Federal shade colors, and custom colors upon request.
- SHELF LIFE

12-Month Shelf Life under proper conditions:

 - Containers shall be stored upright and air tight.
 - Maintain a temperature ranging from 40°F (4.4° C) to 100° F in a dry place.
 - Avoid freezing.
 - Skins formed on surface material must be removed prior to moving containers or mixing.

SAFETY

WARNING

- 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 (MSDS) 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 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.

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