



Architectural & Protective Coatings

XL 70® (Solvent)

DESCRIPTION

XL 70® is a high-build, plasticized, vinyl toluene acrylic resin system specially formulated to provide a weatherproof coating over cured or green concrete masonry surfaces. The ability to go over damp or highly alkaline surfaces is a key feature. 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 for years longer than traditional paints and coatings

BENEFITS

- Lower application cost
- Reduced application time

- Lower maintenance costs
- Prevents concrete spalling
- Protects concrete from UV, moisture and salts

RECOMMENDED OVER

Concrete, cement plaster, cement fiber board, tilt-up concrete, block, brick, and other manufacturer approved surfaces. May be used over metal trim areas, but is not recommended for metal buildings.

APPLICATION

Preparatory Work: All surfaces must be sound and clean. Surface contaminants such as dust, dirt, mildew, form oils and laitance must be thoroughly removed. Painted surfaces exhibiting loose, flaking, or oxidized paint surfaces must be thoroughly removed by sand blasting, water blasting, electric sanding, or wire brushing as required by the manufacturer.

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. XL 70® can be applied over damp, green concrete masonry surfaces. XL 70® can be applied without a primer on approved concrete surfaces. Large cracks, holes or voids must be filled in with a cement patching compound which utilizes a bonding agent such as TEX-BOND® Cement Adhesive. Patching compound finish texture to match existing adjacent finish surfaces. Cracks less than 1/32" should be filled with FLEX-PATCH® Patching Compound. Cracks greater

than 1/32" and less than 3/8" can be patched with TEX-COTE® SKIM-COTE™. Interfacing of wall joints must be sealed with a urethane type sealant.

Metals: A detailed technical data sheet on surface preparation, degreasing, and etching is available for all applications on metal surfaces. Consult a local TEX-COTE® representative prior to commencing application on metals. A sample wall is recommended for field approval by the architect, manufacturers representative, and contractor.

Application Rate: Smooth, sand and fine and coarse texture coatings are applied at 45+/-5 square feet per gallon.

Roll on Application Methods

Short, medium, or long nap rollers can be used for standard applications, depending on texture desired. With fully loaded roller, apply first coat at approximately 90 – 100 sf/gal. Allow 24 hour curing. Apply second coat at approximately 90 – 100 sf/gal to achieve a pinhole free, continuous film. When rolling, apply first with vertical strokes, then cross roll for even film and desired appearance. **Note:** Due to differences experienced in spraying textured materials, TEX-COTE LLC shall be contacted if the contractor has never applied TEX-COTE® products. A TEX-COTE LLC Spray Tech shall be present at the start-up of a job site in which the contractor has never applied TEX-

COTE® products.

Spray on Application Methods: Provide spray equipment similar to Graco President, 10:1 pump or Graco GM 1030. A TEX-COTE® spray application manual is available upon request. Installer must comply with the following:

- Application of TEX-COTE® XL 70® must be at a uniform, pinhole free, continuous film thickness over the entire surface.
- Maintain a wet edge at all times to prevent lap marks. Avoid starting and stopping midway on the wall surface.

Clean Up: Use mineral spirits for cleaning wet material. Use methyl ethyl ketone (MEK) to remove dry material. Attempt sample in concealed area first.

Maintenance: No special maintenance is required. Should TEX-COTE® XL 70® become soiled, clean with light water pressure and mild detergent.

Note: Cooler temperatures result in a normal thickening in the product. For cold weather application (less than 50° F), material should be kept warm in a warehouse overnight. To ease spray problems associated with cold weather, we recommend purchasing the product in 5-gallon pails and stirring the product well before application. For more information on cold weather application, contact your TEX-COTE® Spray Technician prior to use.

BEST PERFORMANCE

TEX-COTE® XL 70® are for use in above grade applications only. TEX-COTE LLC does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate. In the event a water-based topcoat is to be applied over XL 70®, the XL 70® coating must cure for a minimum of 10 days under ideal weather conditions. Heavy application may take longer to cure. No acrylic topcoat should be applied over XL 70® until at least 10 days after the initial application of the XL 70®. Large areas should **NOT** be coated over with any type of acrylic topcoat. **Only small, broken-up areas or bands around buildings should EVER receive any acrylic topcoat finish over the XL 70®.** These band areas

should not exceed 6 feet in diameter. Darker colors attract heat and dry quicker. Follow the shade to avoid lap marks, maintain wet edge, consistent pattern, and coat complete elevation. Maintain proper coverage rate.

Application Precautions

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

- Roof and parapet top caps shall be installed and sealed against water penetration.
- Primer exposed to ultraviolet rays for more than four weeks requires re-priming.
- Joint sealants have cured minimum 10 days. Coating over caulking is not a warranted procedure. We recommend the purchase of a caulk similar to the

color of the finish coat. If you decide to coat over the caulk, to obtain optimum performance properties, solvent wipe the caulking, and prime the caulk with a suitable primer, like TEX•TITE, before coating. However, TEX-COTE LLC does not warrant this procedure, or the adhesion of the coating over caulking.

- Retaining walls, planter boxes and similar construction are waterproofed on the soil side.
- Apply only when air and surface temperatures are above 20°F (-6°C) and surface temperature is 5°F (3°C) above the dew point.
- Do not apply late in the day or when rain or dew is expected within 12 hours.

TECHNICAL DATA

Applicable Standards / American Society for Testing Materials:

- ASTM B117-95 — Operating Salt Spray (Fog) Apparatus, 3000 hours - Pass
- ASTM D968-93 — Abrasion Resistance of Organic Coatings by Falling Abrasive, 2000 liters - Pass
- ASTM D522-93a — Standard Test Methods for Mandral Bend Test of Attached Organic Coatings, 1 " Mandrel - Pass
- Mississippi Highway Department Freeze/Thaw Method, 378 Cycles - Pass
- ASTM D4141-95 — Standard Practice for Conducting Accelerated Outdoor Exposure Tests of Coatings, 10,000 hours - Pass
- ASTM E84-96a — Standard Test Method for Surface Burning Characteristics of Building Materials - Class A Rating
- ASTM E96-95 — Standard Test Methods for Water Vapor Transmission of Materials - 6.7 Perms
- ASTM E514-90 (1996) e — Standard Test Method for Water Penetration and Leakage Through Masonry - Pass

Technical Properties:

Solvent	Aliphatic
Solids by Weight	72% Typical
Solids by Volume	58% Typical
Weight per gallon	Max 10. ± 0.5 lbs.
Moisture Vapor	
Permeability:	6.7 Perms
VOC Content,	350 grams/liter
Maximum	(minus water)

ORDER INFORMATION

Packaging: Container sizes – 5, 30 and 55 gal (19, 113 and 209 L). Material coverage rates vary due to surface porosity, texture and application method.

Colors: Product is available in TEX•COTE® standard light paint colors. Contact the manufacturer for special color matching. Not available in deep

tone colors. Contact representative for information.

Finishes / Application Methods: Roller Applied Finishes – Smooth, sand, or fine textures. Spray Applied – Smooth, sand, fine, or coarse textures

Shelf Life

12 month shelf life under the following proper conditions

- Containers must be stored upright and airtight in a dry place.
- Maintain air temperature at 45°F – 100°F (7°C – 38°C).
- Skins formed on surface of material must be removed prior to moving containers or mixing.

SAFETY

Warning: Contains crystalline silica and petroleum distillates. 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.

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. If swallowed, do not induce vomiting. Seek

medical treatment immediately.

VOC COMPLIANCE

All TEX-COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations. Please contact your nearest TEX-COTE LLC 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, TEX-COTE LLC 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. 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 available upon request.



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