



Architectural & Protective Coatings

XL 70® "W" (Water-based)

DESCRIPTION

XL 70® is a water-based, high-build, advanced epoxy-acrylate resin system specially formulated to provide a weather-proof coating over cured or uncured concrete masonry surfaces. The ability to go over damp or high alkaline surfaces is a key feature. Available in smooth, sand, fine and coarse textures.

FEATURES

- One-coat application over manufacturer approved substrates
- Apply to uncured or damp concrete surfaces
- Breathable film
- Tremendous bond with concrete
- Lasts for years longer than traditional paints and coatings
- Can be applied without primer over properly prepared approved concrete surfaces.

BENEFITS

- One-coat application
- 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, 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. 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.

TEX-COTE® XL 70® can be applied over damp/uncured concrete surfaces. TEX-COTE® XL 70® can be applied without a primer on approved concrete surfaces. Large cracks, holes and voids must be filled in with cement patching compound which utilizes a bonding agent such as TEX-BOND®. Texture of patch shall match existing surface. Cracks less than 1/32" shall be filled with FLEX-PATCH® 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 meeting FED. SPEC.TT-S-230 II.

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 LLC representative prior to commencing application on metals. A sample wall is recommended for field approval by the architect, manufacturer's representative, and contractor.

Application Rate:

60 - 80 sf/gallon depending on texture selected and substrate porosity.

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 120 - 160 sf/gal. Allow 24 hour curing. Apply second coat at approximately 120 - 160 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

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 XL 70® must be at 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 soap and water 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 XL 70® become soiled, clean with light water pressure and mild detergent. Note: Cooler temperatures result in a normal thickening of 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 LLC Spray Technician prior to use.

BEST PERFORMANCE

XL 70® is 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.

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
- Rain is not imminent and surfaces are not damp or frozen; avoid freezing product. Surface and ambient air temperature range is 40°F – 100°F (5°C – 38°C).

TECHNICAL DATA

Applicable Standards / American Society for Testing Materials:

- **ASTM B117-95** — Salt Spray (Fog) 2100 hours - Pass
- **ASTM D968** — Abrasion Resistance—Falling Sand (Liters)- 2,000 with 10% Erosion—Rating Excellent
- **ASTM D522-93a** — Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings, 1/2 " Mandrel - Pass
- **MSDOT 971-22.2a** - Freeze/Thaw (100 cycles) - Pass
- **ASTM G153-04** — Standard Practice for Conducting Accelerated Outdoor Exposure Tests of Coatings, 5,000 hours - Pass
- **ASTM E84-96a** — Standard Test Method for Surface Burning Characteristics of Building Materials - Class A Rating
- **ASTM E96-95** — Moisture Vapor Transmission - 20 Perms
- **ASTM D6904-03** — Standard Test Method for Wind Driven Rain Resistance on Masonry (98 mph wind) - 24 Hours – Pass

Technical Properties:

Carrier	Water
Solids by Weight	50-60% Typical
Solids by Volume	40-50% Typical
Weight per gallon	Max 10.5 lbs.
Permeability	20 Perms
VOC	<100 g/L
Wet Film Thickness	35.5 mils
Dry Film Thickness	16 mils

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 paint colors. Contact the manufacturer for special color matching.

Finishes / Application Methods

Roller Applied Finishes – Smooth, sand or fine texture. 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. Use in well ventilated areas. Use approved respirator in poorly ventilated areas. Do not breathe spray mist or dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. 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. Refer to

MSDS for further information.

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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