



Primers/Block Fillers/Patching Compounds

EPO-TEX™ PRIMER

DESCRIPTION

EPO-TEX™ Primer is a low VOC 2-component waterborne epoxy primer. This state-of-the-art special purpose primer provides the much-desired bonding and intercoat adhesion of hard to adhere surfaces and the topcoat while offering water clean-up.

FEATURES

- Meets the most stringent VOC regulations at <100g/l
- Seals porous surfaces
- Limits MVT when used over concrete
- Waterborne system
- Convenient 1-1 mix ratio
- 4 hour potlife

BENEFITS

- Superior adhesion for a variety of surfaces
- Improves intercoat adhesion

RECOMMENDED OVER

EPO-TEX™ Primer is recommended over a variety of hard to adhere to surfaces, including:

- Baked Enamels
- Fiberglass Panels
- Ceramic Glaze Surfaces
- Metal
- Copper
- Concrete

APPLICATION

Surface Preparation / General Data

1. Old galvanized steel, aluminum & copper shall be wire brushed or lightly sandblasted to remove all dirt, dust, rust, loose mill scale, paint and other foreign matter from surface. Caution: Do not remove or chip galvanized coating.
2. New galvanized steel, aluminum & copper shall be degreased with either solvents such as toluene, xylene, or 7% TSP. When solvents are used, rinse surface with clean solvents. When TSP is used, rinse surface with clean water. All surfaces shall be wiped off with clean cloth. Vapor degreaser suitable on aluminum.
3. Clean and degrease baked enamel and ceramic tile surfaces with 7% TSP solution as in item 2.
4. Surface etching of galvanized steel, aluminum & copper: Following degreasing step above, apply a surface-etching compound that reacts with surface to give "tooth" to the primer. Using rubber gloves & rags, mop or brush, apply compound full strength or diluted with 3 parts water (dilution preferred during hot, dry weather).

The surface changes color immediately upon application. Rinse surface with water, allow to dry. Entire surface must be treated. Take precautions to avoid contact with skin and eyes.

Note: When using TSP solution, excess solution can be removed with a squeegee, rags or sponge.

Clean Up / Storage

1. Clean up with water immediately after use to prevent clogging of material lines
3. Pot Life: 4 hours. Mix thoroughly before using.
4. Shelf life 1 year under room temperature. Containers shall remain upright and tightly closed.

Drying / Cutting / Exposure Times

2–4 Hours after application (when applied primer turns clear but is still tacky) apply coating over EPO-TEX™ Primer.

Note: EPO-TEX™ Primer must be tacky at coating application. one day maximum dry time is recommended.

Application

Surface shall be sound, clean and dry

prior to application of primer. If surface has been factory primed, advise TCA of type to avoid incompatibility and loss of adhesion.

Mixing:

The primer is sold as a 2-part kit, consisting of two half-full containers for easy mixing. It is composed of a resin (Part A) and a curing agent (Part B). Mix the 2 parts together in equal volumetric amounts prior to use.

Caution: Pot life 4 hours after mixing.

Application Rate

Using a brush, roller or conventional spray unit, apply at 200–300 square feet per gallon (4.9 – 7.4 square meters/liter). Allow 2–4 hours cure and apply coating while EPO-TEX™ is still semi-cured and tacky, but not more than one day.

Caution:

Do not apply primer when air or surface temperatures are below 45°F or above 100°F (7.0° to 37.8°C). Do not apply if rain is imminent. Roof and joints shall be sealed against water penetration prior to priming.

FOR BEST PERFORMANCE

1. Metal surfaces shall be cleaned, degreased and etched per instructions herein.
2. Surfaces must be dry, sound, and sealed against water penetration prior to priming.
3. Do not apply over frozen or damp surfaces or when rain is imminent. Avoid freezing product.
4. Product must be used within shelf life and pot life, and stored as described herein.
5. Primers are not recommended for below grade use.
6. Remove any skins from top of material prior to moving containers, mixing or using.
7. Air temperature during application shall be 45°F and rising and not exceeding 100°F (7.0° to 37.8°C).
8. If surface has been factory primed, advise TCA of type used to avoid possible loss of adhesion or incompatibility.
9. EPO-TEX™ Primer shall not cure longer than one day, but can be topcoated 2–4 hours after application. Primer must be tacky at time of coating application.
10. TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

ORDER INFORMATION

Application Rates

Approximately 200 square feet per gallon. (4.9 square meters/liter)
Caution: Mix THOROUGHLY before use. **Do not thin.**

Container

- 1 gallon and 5 gallon kits

- 2 –1 gal. containers half full, mix for full gallon.
- 2 – 5 gal. containers half mix for full 5 gallon.

Shelf Life

Twelve month shelf life under the following proper conditions:

- Containers must be stored upright and airtight in a dry space.
- Maintain air temperature of 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

Use with adequate ventilation. View Material Safety Data Sheet before using material. Do not breathe spray mist or dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

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®
EPO-TEX™ PRIMER



TEX·COTE®
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