



PRODUCT PROFILE

DESCRIPTION

TEX-COTE® TC-300 SMOOTH AIRLESS is a high-build latex/acrylic copolymer coating formulated for use on concrete/masonry surfaces.

FEATURES

- Rapid-Drying
- Good Adhesion
- Flexibility for Temperature Variations
- Water-Based, Low VOC Coating

BENEFITS

- Very Good Color Retention, Even In Deep Tones
- Hi-Build Coating

PRIMERS

New or Previously Painted Concrete, Cement Plaster, Brick, Block, Cement Fiber Board, Metal and Other Manufacturer-Approved Surfaces. Masonry Surfaces Must Cure a Minimum of 28 Days Prior to Coating.

PRODUCT APPLICATION

PREPARATORY EQUIPMENT

All surfaces must be sound, clean, dry, and properly cured prior to the application of the coating. Surface contaminants such as dust, dirt, mildew, form oils, and laitance must be thoroughly removed. 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. Loose, flaking, or oxidized paint surfaces must be thoroughly removed by abrasive-blasting, water-blasting, electric sanding, or wire brushing as required by the manufacturer.

Large cracks, holes or voids must be filled with cement patching compound with a cement adhesive. Patching compound finish texture to match existing adjacent finish surfaces. 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. 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. TEX-COTE® 300 Smooth Airless may be applied with or without a primer depending on surface conditions.

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, manufacturer's representative and contractor.

APPLICATION RATE

Apply TEX-COTE® 300 Smooth Airless coating at a rate of 80 to 100 square feet per gallon. A minimum of 8 to 10 mils dry film is required for smooth coating.

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® Spray Technician shall be present at the start-up of a job site in which the contractor has never applied TEX-COTE® products.

APPLICATION EQUIPMENT

Airless Pump (minimum 3000 psi @ spray tip) using 3/8" spray hose. Minimum recommended equipment is a Graco GM 5000 or equivalent. Graco Heavy Duty Rack Guard with 0.025 to 0.027 spray tip (without diffusion bar). Remove all material filters and intake strainer. Medium to long nap roller depending on the surface porosity. Over heavy laced surface, material must be back-rolled to achieve a pinhole-free surface. A 3/8" to 1/2" roller is recommended. Do not apply when rain is predicted within 24 hours.

A TEX-COTE® spray application manual is available upon request. Installer must comply with the following: Application of TEX-COTE® 300 Smooth Airless must be 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. Continue spraying to a natural break point such as a panel edge, seam or corner.

For large areas, two people spraying simultaneously are recommended to avoid lap marks and spray patterns. To achieve a proper surface, request the assistance of the manufacturer's representative. Back-rolling may be necessary on certain types of surfaces, including heavy laces or textured surfaces. Dependent upon warranty desired, two coats may be necessary. Allow material to dry before applying the second coat (4 to 24 hours, depending on conditions). Consult the manufacturer for details.



ROLL-ON APPLICATION

Equipment: Short or medium nap rollers may be used for smooth texture applications, depending on texture desired. With fully loaded roller, apply first coat at approximately 175 to 200 square feet/gallon. Allow 24-hour curing. Apply second coat at approximately 175 to 200 square feet/gallon to achieve a pinhole-free continuous film. When rolling, apply first with vertical strokes, then cross roll for even film and desired appearance. Do not apply when rain is predicted within 24 hours.

CLEAN-UP

- Dry Material: Use Methyl Ethyl Ketone (MEK); Attempt sample in concealed area first.
- Wet Material: Use Water

MAINTENANCE

No special maintenance is required. Should TEX-COTE® 300 Smooth Airless become soiled, clean with light water pressure and mild detergent.

BEST PERFORMANCE

IMPORTANT STEPS

TEX-COTE® TC-300 SMOOTH AIRLESS shall be applied under the following conditions:

- Rain is not imminent and surfaces are not damp or frozen. Avoid freezing product.
- Temperature is a 45°F and rising up to 100°F (7°C to 37.7°C).
- TEX-COTE LLC is not responsible for coating over sealants/caulked joints. TEX-COTE LLC accepts no responsibility for the performance of its coatings on a surface that is not approved.
- Incompatible substrate release agents, form oils, and any foreign matter shall be removed prior to priming and coating.
- Roof and parapet top caps shall be installed and sealed against water penetration prior to priming and coating.
- Primer which has been exposed to ultraviolet rays more than four (4) weeks shall be reprimed before the coating is applied.
- Material use is above grade only. Do not use below-grade.
- Joint sealants must cure a minimum of 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, etc. must be waterproofed on the backside with a below-grade asphalt-type material prior to backfilling. Mix thoroughly before using.
- Product must be used within 12 months when stored and handled as specified by manufacturer.
- TEX-COTE LLC does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

TECHNICAL DATA

TEST PROPERTY	RANGES
Film Properties	Thermoplastic and Flexible
Flash Point °F	None (Water-Based)
Volume Percent	46%
Weight Percent	63%, Meets TTC-555B

TEST PROPERTY	RANGES
Resin	Latex Polymer
Solvent	Water (Latex)
Twin Arc Weatherometer	5,000 Hours, PASSED
VOC (grams/Liters minus water)	100 Max

ORDER INFORMATION

COLORS

Available in standard TEX-COTE® colors and custom colors. Deep tones subject to upcharge.

TEXTURES

Available in smooth airless finish.

SHELF-LIFE

12-Month Shelf-Life under proper conditions:

- Containers shall be stored upright and airtight in a dry place.
- Maintain air temperature of 45°F and rising to 100°F (7°C to 37.7°C)
- Skins formed on surface of material must be removed prior to moving containers or mixing.



SAFETY

WARNING

- TEX-COTE® TC-300 SMOOTH AIRLESS contains crystalline silica.
- Use in well-ventilated areas, use face mask with filter in poorly ventilated areas.
- Do not breathe spray mist or dust.
- If you experience difficulty breathing, leave area to obtain fresh air.
- If difficulty continues, seek medical attention.
- Avoid contact with eyes, skin, and clothing.
- Wash thoroughly after handling.

FIRST AID

- If you experience difficulty 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.
- CAUTION: This product, in liquid form, contains ethylene glycol which will cause serious illness if swallowed, or if large quantities are absorbed into body.
- In liquid form, keep away from heat sources and children.
- If swallowed, 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.

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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