



PRODUCT PROFILE

DESCRIPTION

TEX-COTE® TC-600 is a high-build, 100% acrylic terpolymer, water-based coating with elastomeric properties. Formulated to protect exterior surfaces from the elements - wind, rain, snow and ultraviolet rays.

FEATURES

- Rapid-Drying and Adhesion
- Hi-Build Water-Based Coating
- Flexibility for Temperature Variations
- 100% Acrylic

BENEFITS

- Long-Lasting Coating
- Hi-Build Textured Coating
- One-Coat Application
- Now Available in Smooth, Sand, Medium, and Coarse Textures

RECOMMENDED PRIMERS/SUBSTRATES

Concrete, Cement Plaster, Block, Brick, Metal, and Other Manufacturer-Approved Surfaces. Masonry Surfaces Must Cure a Minimum of 28 Days Prior to Coating Application.

PRODUCT APPLICATION

APPLICATION EQUIPMENT

Sprayed-On Application: Use spray equipment similar to Graco President 10:1 pump or Graco GM 1030. TEX-COTE® application manual available upon request.

SURFACE PREPARATION

All surfaces must be sound, clean, and dry prior to the application of a primer and coating. Surface contaminants such as dust, dirt, mildew, form oils, and loose substrates should 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. Painted surfaces exhibiting 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. All surfaces must be primed prior to coating.

Large cracks, holes, or voids must be filled with cement patching compound which uses a bonding agent similar to TEX-BOND® cement adhesive; patching compound finish texture to match existing adjacent 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™. 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. Interfacing of wall joints should be sealed with a polyurethane-type sealant.

SURFACE PREPARATION ALL METALS

A detailed technical data sheet on surface preparation, degreasing and etching is available. Consult a local TEX-COTE® representative prior to commencing this type of application.

Application of coating: A sample wall is recommended for field approval by the architect, manufacturer's representative, and contractor. Provide a properly prepared surface for all coating systems, material coverage can vary due to surface porosity and texture.

NOTE: Due to differences experienced in spraying textured materials, TEX-COTE® shall be contacted if the contractor has never applied TEX-COTE® products.

TEX-COTE® Products: A TEX-COTE® Spray Tech shall be present at the start-up of a job.

APPLICATION RATE

Apply at a rate of 45+/- 5 square feet per gallon, depending upon porosity and texture desired. Consult the manufacturer for standard textures and samples.

ROLL-ON APPLICATION

Not for use on large, continuous wall areas. Overall appearance depends on application technique. Mock-up sample for architect should be made for owner approval. Short, medium, or long nap rollers may be used for standard application depending on texture desired.

SPRAY-ON APPLICATION

Textured - Provide spray equipment similar to Graco President 10:1 or Graco GM 1030.

Smooth Texture - Products need to be applied with a commercial grade airless in two (2) separate coats between 80 and 100 square feet per gallon per coat. A Graco 7900 or 30:1 Bulldog pump should be used for the application. For use of other pumps, please contact a TEX-COTE® field technician. Smooth texture recommended for broken up areas only. A TEX-COTE® spray application manual is available upon request.

Installer must comply with the following: Application of TC600 must be at a uniform, pinhole-free,

PRODUCT APPLICATION

SPRAY-ON APPLICATION
CONTINUED

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 surface 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.

LACE TEXTURE FINISH

The lace coat may be applied approximately 24 hours after the base coat, under ideal weather conditions.

Comply with the following:

- Reduce air pressure on pump, creating an irregular splatter pattern.
- Using a square texturing tool, wipe splatters down creating an embossed lace pattern.
- Coverage rate for lace splatter is 40-67 square feet/gallon.

MAINTENANCE

No special maintenance is required. Should TC600 become soiled, clean with light water pressure and mild detergent.

CLEAN-UP

- Dry Material: Use Methyl Ethyl Ketone (MEK) to Remove; Use Sample in Concealed Area First
- Wet Material: Use Water

BEST PERFORMANCE

IMPORTANT STEPS

TC600 shall be applied under the following conditions:

- Rain is not imminent and surfaces are not damp or frozen. Avoid freezing product.
- Do not apply material when snow, rain, or freezing is imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
- Incompatible substrate release agents, form oils, curing compounds and foreign matter are removed prior to the coating application.
- Material use is above-grade only. Do not use below-grade.
- 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; store and handle as specified by manufacturer.
- TEX-COTE LLC does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- Roof and parapet top caps are installed and sealed against water penetration.
- Primer exposed to ultraviolet rays for more than 4 weeks requires repriming.
- Joint sealants have cured minimum of 10 days.
- Avoid Freezing Product.
- Surface and ambient air temperature range is 45°F-100°F (7°C-37.7°C)

TECHNICAL DATA

TABLE 1: APPLICABLE STANDARDS | American Society for Testing Materials (ASTM)

TEST METHOD	PROPERTY	RESULT
ASTM B117	Operating Salt Spray (Fog) Apparatus	5,000 Hours, PASS
ASTM D522	Mandrel Band Test of Attached Organic Coatings	1" Mandrel, PASS
ASTM D2243	Freeze-Thaw Resistance of Water-Borne Coating	50 Cycles, PASS
ASTM G153	Conducting Accelerated Outdoor Exposure Tests of Coatings	5,000 Hours, PASS
ASTM E84	Surface Burning Characteristics of Building Materials	Class A Rating
ASTM E96	Water Vapor Transmission of Materials	4.2 Perms
TT-C555B	98 MPH Wind Driven Rain	PASS

TC600 complies with the test results and rating indicated in Table 1 and performance properties of Federal specification TTC-555B.

PHYSICAL PROPERTY	TYPICAL RESULT
Volume Percent	51%
Weight Percent	61%

PHYSICAL PROPERTY	TYPICAL RESULT
VOC (grams/liters minus water)	<100 g/L
Weight/Gallon (pounds)	10.55 lbs.

ORDER INFORMATION

PACKAGING	Available in five (5), thirty (30), and fifty-five (55) gallon containers. Material coverage rates vary due to surface porosity, texture and application method.
COLORS	TC600 is available in TEX-COTE® standard colors. Contact the manufacturer for special color-matching. Deep tone colors extra. Consult the manufacturer for standard textures and samples.
FINISHES	Roller Applied: Smooth, Sand, Medium textures only. (Please review the “Roll-On Application Methods” before applying the product.) Spray Applied: Smooth, Sand, Medium, Coarse textures. Lace Texture Finish: Embossed knockdown texture helps minimize appearance of uneven block and mortar joints.
SHELF LIFE	12-Month Shelf Life under proper conditions: <ul style="list-style-type: none">• Containers shall be stored upright and airtight in a dry place.• Maintain air temperature of 45°F 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	<ul style="list-style-type: none">• TEX-COTE® TC-600 contains crystalline silica.• Use in well ventilated areas, use approved respirator in poorly ventilated areas.• Do NOT breathe spray, mist or dust.• If you experience difficulty in breathing, leave area to obtain fresh air.• If difficulty continues, seek medical attention.• Avoid contact with eyes, skin, and clothing.• Wash thoroughly after handling.• This product, when still in liquid form, contains petroleum distillates, which will cause serious illness or death if swallowed, or if large quantities are absorbed into the body.
FIRST AID	<ul style="list-style-type: none">• 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.• 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.

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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