



Architectural & Protective Coatings

TEX-COTE® TC600

DESCRIPTION

TEX-COTE® TC600 is a high build, 100% acrylic terpolymer, water based coating with elastomeric properties, featuring rapid drying and adhesion. TC600 is a high performance coating, formulated to protect exterior surfaces from the elements - wind, rain, snow and ultraviolet rays. Protects substrates over a wide temperature range. TC600 is available in a variety of textures and colors. Available

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 sandblasting, 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

in smooth, sand, fine and coarse textures.

FEATURES

- Excellent color retention
- 100% Acrylic
- High build water based coating

BENEFITS

- Long lasting coating
- One coat application
- High build textured coating

RECOMMENDED OVER

Concrete, cement plaster, block, brick, metal and other manufacturer approved surfaces. Masonry surfaces must cure a minimum of 28 days prior to coating application.

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 for all applications on metal surfaces. 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. 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 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, 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: Use water for cleaning wet material. Use methyl ethyl ketone (MEK) to remove dry material. Test sample in concealed area first.

BEST PERFORMANCE

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 are 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 ap-

- proved substrate.
- Roof and parapet top caps are installed and sealed against water penetration.
- Primer exposed to ultraviolet rays for more than 4 weeks requires re-priming.
- Joint sealants have cured minimum of 10 days.
- Avoid freezing product.
- Surface and ambient air temperature range is 45°F – 100°F (7°C – 38°C).

TECHNICAL DATA

Table 1 Applicable Standards

American Society for Testing Materials (ASTM):

- ASTM B117 – Operating Salt Spray (Fog) Apparatus, 5000 hours - Pass
- ASTM D522 – Standard Test Methods for Mandrel Band Test of Attached Organic Coatings, 1" Mandrel - Pass
- ASTM D2243 – Freeze-Thaw Resistance of Water-Borne Coating, 50 cycles - Pass
- ASTM G153 – Standard Practice for Conducting Accelerated Outdoor Exposure Tests of Coatings, 5000 hours - Pass
- ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials - Class A Rating
- ASTM E96 – Standard Test Methods for Water Vapor Transmission of Materials - 4.2 Perms
- TT-C555B - 98 MPH Wind Driven Rain - Pass

Technical Properties

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

Physical Property	Typical Result
Solids % by weight	61
Solids % by volume	51
Weight per gallon, lbs	10.55
VOC	<100 g/L

ORDER INFORMATION

Packaging: Container sizes – 5, 30 and 55 gal. 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, Fine textures only. (Please review the “Roll On Application Methods” before applying the product.)
 Spray Applied – Smooth, Sand, Fine, Coarse textures. Lace Texture Finish – Embossed knockdown texture helps minimize appearance of uneven block and mortar joints.

Shelf Life:

- Twelve month shelf life under 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: TC600 contains crystalline silica. Use with adequate ventilation. Do not breathe spray mist or dust. 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 body. Use in well ventilated areas. Use approved res-

pirator in poorly ventilated areas.
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. Keep liquid product away from heat sources and children. If swallowed, do not induce vomiting. Seek medical treat-

ment at once.

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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