



Architectural & Protective Coatings

TEX•COTE® COOLWALL® SUPER•COTE™

DESCRIPTION

The COOLWALL® SUPER•COTE™ system is a superior heat reflective water based exterior coating. This highly breathable system has been formulated with elastomeric properties and is resistant to moisture and mildew.

COOLWALL® SUPER•COTE™ uses solar reflective, heat and ultraviolet stable properties, yielding longer lasting cooler colors. The high reflectivity can lower energy usage by up to 21.9%, based on testing by the U.S. Dept. of Energy.

APPLICATION

Installation: TEX•COTE COOLWALL® SUPER•COTE™ can be applied by brush, roller, or commercial grade airless. Commercial grade airless tip size .017 to .019.

Surface Preparation

All surfaces must be sound, clean and dry prior to application of TEX•COTE COOLWALL® SUPER•COTE™. All loose, flaking or oxidized paint shall be removed from surface by sand blasting, water blasting, wire brushing or scraping. 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" should be patched with cementitious patching compound.

All surfaces must be primed with COOLWALL® CLASSIC or Textured Primer, or other manufacturer approved primers for non-masonry surfaces. See technical data for COOLWALL® CLASSIC and Textured Primers. COOLWALL®

COOLWALL® SUPER•COTE™ is a low VOC, green building product. Available in satin finish.

FEATURES

- Meets GS11 Green Seal requirements.
- Mildew and dirt resistant.
- Resists salt spray and moisture.
- Highly breathable.

BENEFITS

- Long lasting colors
- Long term protection

- Heat reflective
- Easy to clean

RECOMMENDED OVER

TEX•COTE COOLWALL® SUPER•COTE™ is recommended over COOLWALL® CLASSIC (Smooth) Primer, COOLWALL® Textured Primer, and COOLWALL® RE•COTE™ Primer for repaint applications. Also may be used over other manufacturer approved substrate.

RE•COTE™ may be used for repaint applications only.

Application Rate

Coverage rates will be between 175-225 square feet per gallon (4.9 to 6.0 square meters/liter). Two coats are recommended at 350-450 square feet per gallon, depending on surface porosity and texture. Deep tone colors require application in two coats at a minimum of 300-350 square feet per gallon each. Some deep tone colors may require more product depending on the color. An actual mock-up should be done prior to application to determine proper square footage per gallon for the color chosen. Apply by spray/back-rolling recommended depending on the texture and porosity of the substrate.

Application

Over a dry, clean, properly prepared surface, apply the COOLWALL® SUPER•COTE™ at the specified application rate. Application shall be at uniform film thickness over the entire wall. A wet edge shall be maintained during spraying (brushing or rolling) at all times. To prevent lap marks, avoid starting and

stopping midway on walls. On large areas, two (2) people spraying simultaneously are recommended to avoid lap marks and spray patterns. If rolling on COOLWALL® SUPER•COTE™, with fully loaded roller, apply in vertical strokes initially, then cross roll for even film, ending with vertical strokes. To prevent lap marks proceed as above and continue to a "natural break" such as panel edge, seam or corner.

Drying/Curing Times

To touch: 2 hrs. approximately
 Hardness: 24 hrs. minimum
 Note: After 24 hours, residual matters in film will continue to cure with additional days of drying. Times are based on ideal weather conditions.

Clean Up

Use water to clean up wet and dry material.

*Percentage of cooling costs and surface temperature reductions will vary based on color chosen, geographical location, climate condition, and substrate type. In some climates there may be a heating penalty. For more information, visit www.texcote.com

BEST PERFORMANCE

- Do not apply material when snow, rain, or freezing conditions are imminent. Wet conditions combined with cold temperatures may cause improper curing of product.
- Application temperature shall be between 45°F rising to 100°F (7°C to 38°C).

- Do not apply if rain is imminent.
- AVOID FREEZING.
- Surfaces shall be clean, dry and properly prepared.
- Formulated for use over COOLWALL® CLASSIC, Textured and RE-COTE primers.
- Products shall be handled and stored as indicated herein.
- Roof & parapet top caps shall be in-

- stalled and sealed against water penetration before application.
- Trim areas, metals and other substrates may require another TCA primer. Consult manufacturer or representative for recommendations.
- TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substance.

TECHNICAL DATA

COOLWALL® SUPER-COTE™ Applicable Standards American Society for Testing Materials (ASTM)

Test Method	Property	Result
ASTM D2565-99-T-1, C#4	Accelerated Weathering	5000 Hours—Passed
ASTM B117	Salt Spray Resistance	100 Hours—Passed
ASTM D714	Blistering Resistance	100 Hours—Passed
ASTM D610	Rusting Resistance	100 Hours—Passed
ASTM D968	Abrasion Resistance	825 liters falling sand
ASTM D3273/ D3274	Mold & Mildew Resistance	28 Days—Rating 10, no growth
ASTM D6904	Wind Driven Rain Resistance	Passed
ASTM C67/D2794	Freeze-Thaw Resistance	50 cycles—Passed
ASTM D4585	Humidity Resistance	100 Hours—Passed
ASTME96	Permeability	8.5 Perms (with Primer)
ASTM C1305	Crack Bridging	No cracks, separation or loss of film
ASTM E-84	Flame Spread & Smoke Development	Meets Class A Fire Rating
ASTM E-1795	Standard for Lead-Base Paint Encapsulation	Passed all tests for interior and exterior use
ASTM D4803-97	Total Solar Reflectance	Surface wall temperature reduced up to 40 degrees Fahrenheit depending on color and geographical location as compared to commercial acrylic paint.
ASTM D2370	Elongation / Tensile Strength	Elongation 230% Tensile Strength 290%
ASTM D3359	Adhesion by Tape Test	No Adhesion Loss
ASTM D4541	Adhesion Pull Off Strength	425 PSI
ASTM D522	1/8" Mandrel Bend Test	Pass

<p>Physical Properties Water based acrylic formula</p> <p>Test Property</p> <p>Solids by Weight (Satin) 40-46%</p> <p>Solids by Weight (Flat) 49-52%</p> <p>Solids by Volume 33-37%</p> <p>Weight per Gallon 9.3-10.8 lbs.</p> <p>Gloss: 10-20 @ 60°</p> <p>Resin base 100% Acrylic</p> <p>VOC < 50 grams/liter</p> <p>Wet Film Thickness 7—9 mils</p> <p>Dry Film Thickness 3—4 mils</p>		<p>Total Solar Reflectance (TSR) Color Ranges by %</p> <p>Light Colors 25% - 35%</p> <p>Medium Colors 55% - 65%</p> <p>Dark Colors 100% or greater</p> <p>Percentage increased as compared to conventional acrylic paints.</p>
<p>*Specific properties based on base used for chosen color and STD or 1113 compliant formulation</p>		

ORDER INFORMATION

Packaging:

Available in 1, 5, 30 and 55 gallon containers.

Colors:

Over 570 heat reflective colors. Deep tones colors incur an additional charge.

Application Rate:

Coverage rates will be between 175 – 225 square feet per gallon (4.9 to 6.0

square meters/liter). Two coats are recommended at 350-450 square feet per gallon or one coat at 175-225 square feet per gallon, depending on surface porosity and texture. Deep tone colors require application in two coats at a minimum of 300-350 square feet per gallon each. Some deep tone colors may require more product depending on the color. An actual mock-up should be done prior to application to determine proper square

footage per gallon for the color chosen.

Shelf Life:

12 month shelf life, based on the following:

- Containers stored upright and airtight in a cool, dry place at temperature between 45°F rising to 100°F (7 °C—38° C). AVOID FREEZING.
- Skins formed on surface of product shall be removed prior to mixing, moving or using.

SAFETY

Contains hydrocarbon solvents. Use with adequate ventilation. 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 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.

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.



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