



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 for superior salt spray, moisture, and mildew resistant properties. 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%. COOL-

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

FEATURES

- Meets GS11 Green Seal requirements.
- Mildew and dirt resistant.
- Superior fade resistance.
 - Heat reflective

BENEFITS

- Long lasting colors
- Long term protection

RECOMMENDED OVER

TEX•COTE COOLWALL® SUPER•COTE™ is recommended over COOLWALL® Primer, COOLWALL® Textured Primer, COOLWALL® High Build Primer, METAL-PRIME for metal applications, or TEX-BOND Primer for plastic surfaces. For new concrete applications COOLWALL® High Build Primer or COOLWALL® Textured Primer is highly recommended.

APPLICATION

Installation: TEX•COTE COOLWALL® SUPER•COTE™ can be applied by brush, roller, or airless spray. 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 prior to priming with TEX•COTE approved primers. Cracks less than 1/32 " shall be filled with FLEX-PATCH® compound. Cracks greater than 1/32 " should be patched with cementitious patching compound. Masonry surfaces should be primed with either COOLWALL® Primer, COOLWALL® Textured Primer, or COOLWALL® High Build Primer. For new concrete COOLWALL® Textured Primer, or COOLWALL® High Build Primer is highly recommended. Metal surfaces should be primed with TEX•COTE METAL-PRIME and for plastic surfaces TEX-BOND Primer. Is

recommended. See technical data for all primer information.

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 may 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. Spray/back-roll application is recommended depending on the texture and porosity of the substrate.

Application

Apply product over a dry, clean properly prepared surface, 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 Water

*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® Primer, COOLWALL® Textured Primer, and COOLWALL® High Build Primer.
- 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
ASTMC67/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	Surface Burning of Building Materials	Meets Class A Flame Spread Index
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.

<p>Physical Properties Water based acrylic formula</p> <table border="1"> <thead> <tr> <th>Test Property</th> <th>Ranges</th> </tr> </thead> <tbody> <tr> <td>Solids by Weight (Satin)</td> <td>40-46%</td> </tr> <tr> <td>Solids by Weight (Flat)</td> <td>49-52%</td> </tr> <tr> <td>Solids by Volume</td> <td>33-37%</td> </tr> <tr> <td>Weight per Gallon</td> <td>9.3-10.8 lbs.</td> </tr> <tr> <td>Gloss:</td> <td>10-20 @ 60°</td> </tr> <tr> <td>Resin base</td> <td>100% Acrylic</td> </tr> <tr> <td>VOC</td> <td>< 50 grams/liter</td> </tr> <tr> <td>Wet Film Thickness</td> <td>7—9 mils</td> </tr> <tr> <td>Dry Film Thickness</td> <td>3—4 mils</td> </tr> </tbody> </table> <p><small>*Specific properties based on base used for chosen color and STD or 1113 compliant formulation</small></p>	Test Property	Ranges	Solids by Weight (Satin)	40-46%	Solids by Weight (Flat)	49-52%	Solids by Volume	33-37%	Weight per Gallon	9.3-10.8 lbs.	Gloss:	10-20 @ 60°	Resin base	100% Acrylic	VOC	< 50 grams/liter	Wet Film Thickness	7—9 mils	Dry Film Thickness	3—4 mils	<p>Total Solar Reflectance (TSR) Color Ranges by %</p> <table border="1"> <tbody> <tr> <td>Light Colors</td> <td>25% - 35%</td> </tr> <tr> <td>Medium Colors</td> <td>55% - 65%</td> </tr> <tr> <td>Dark Colors</td> <td>100% or greater</td> </tr> </tbody> </table> <p>Percentage increased as compared to conventional acrylic paints.</p>	Light Colors	25% - 35%	Medium Colors	55% - 65%	Dark Colors	100% or greater
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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.



TEX•COTE® COOLWALL®
SUPER•COTE™



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