



ECO-THERM IT!™

*Ultimate Protection
that Saves Roofs
while it
Saves You Money...
and Reduces
“Carbon Footprint”*



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ECO-THERM™ ELASTOMERIC

*Breathable, Solar-reflective Elastomeric Coating
for Walls and Roofs*

STATE-OF-THE-ART • LOW VOC • GREEN TECHNOLOGY

Eco-Therm™ Elastomeric is a single component, energy efficient protective coating used on asphalt roofs, polyurethane foam, single ply and metal roofs, as well as plywood siding, stucco and concrete walls. It renews commercial flat and low-slope roofs to make them “cool roofs” by reflecting solar radiation and preventing the majority of the sun’s heat from entering the building. The Ultimate Coatings Company Eco-Therm *saves you money* because it *keeps buildings cooler and lasts longer* than other coatings. It is superlative compared to other elastomerics because it has the industry’s highest capability for expansion flexibility of **912%** elongation while retaining 100% memory. Unlike most roof coatings that rely on whites and beiges for heat reflection, Eco-Therm uses true *heat emissive chemistry* and is available in a *broad color tint range*.

Eco-Therm is LEED Qualified and exceeds California’s newest, stringent Title 24 regulations. Eco-Therm exceeds Cool Roof Rating Council (CRRC) and utility rebate compliancy standards. The Ultimate Coatings Company is proud that Eco-Therm is *100% free of toxic ethylene glycol and has no plasticizers*.

ECO-THERM™ ELASTOMERIC

Breathable Elastomeric: Next generation of tougher elastomer technology ensures “permeance,” the ability to pass water vapor through to the outside like Gortex™.

Superlative Elongation: Handles extreme hot-cold cycles and movements due to 912% expansion flexibility with 100% memory; twice the elongation of the top competitor.

Strength: Tensile capability gives exceptional resistance to roof traffic and hail storms.

Heat Emissive + Highly Solar Reflective: 81 to over 90% in beiges/whites (50% in darker colors) due to mixed metal powders designed to refract away thermal radiation.

Lowest Toxicity: Low Volatile Organic Compounds, exceeds California clean air standards.

Durability: 10-15 years. Industry’s highest solids by volume rating, over 55%, which means it is a tough product that is designed to last and block all UV.

Return on Investment: Extends roof life and pays for itself by energy savings.

Dirt Shedding: Tighter film surface reduces ability of dirt to stick.

Mildew Resistant: Biocide component keeps all molds and plant-life from rooting.

Alkali Resistant: Long-term adhesion to concrete, stucco and alkaline substrates.

Waterproof: Fully rain and ponding proof; not a vapor barrier.

Intrinsic Colors + IR Pigments: Can be made in a wide range of colors (blended at the factory), using environmentally friendly coating technology that retains its colors over time.

LEED Qualified: Meets national energy specifications for thermal emissivity and solar reflectance set by Leadership in Energy and Environmental Design coalition.

CRRC Rated: Cool Roof 3 year test results show only 1% loss in total solar-reflectance.



WWW.ULTIMATECOATINGS.NET

How can you best protect buildings from the sun's heat, cut cooling costs and comply with the new environmental sustainability regulations?

ECO-THERM IT!™

We know you won't find a finer energy-efficient coating anywhere!

Call today!

415.726.0551

Find out how you can protect and make your buildings energy efficient at an affordable price.



ECO-THERM™ SPECIFICATIONS

| | | |
|----------------------|---------------------------------|----------------------|
| Solids by Volume | (ASTM D2697) | 55% |
| Solids by Weight | (ASTM D1644) | 65% |
| Weight per Gallon | | 11.2 lbs |
| VOC (solvents) | (U.S. EPA Reference Method 24) | <25 grams/L |
| Tints (pigments) | (mixed metal oxide infra-red) | Intrinsic |
| Material (primary) | (Rohm & Haas acrylic elastomer) | Water-based |
| Dry Film Thickness | (theoretical yield per coat) | 9.5 mils, high build |
| Finish (gloss level) | | Satin |
| Recoat Time | (temperature dependant) | 12-24 hrs |
| Coverage (ft/gal) | (theoretical yield per coat) | 60-90 sq ft |

**Theoretical yields are temperature and applicator dependant.*

ECO-THERM™ PROPERTIES

| | | |
|------------------------|---|-------------|
| Elongation | (ASTM D412 @ 20 mils) | 912% |
| Tensile Strength | (ASTM D2370 @ 20 mils) | 534 psi |
| Hardness | (ASTM C661) | 72.3 |
| Swelling | (ASTM D471) | 8.6 |
| Permeance | (ASTM E96 @ 20 mils Procedure) B "Water Method") | 7.1 |
| Fungi Resistance | (ASTM G21) | Zero growth |
| Accelerated Weathering | (ASTM G26, 3000 hrs) | PASS |
| Salt Spray Resistance | (ASTM B117) | PASS |
| Wind Driven Rain | (Fed Spec. TTC-555B) | PASS |
| Hail Resistance | (F.M. Severe Hail Test) | PASS |
| Flexibility | (ASTM C734, 1/8 Mandrel) | PASS |
| Tear Resistance | (ASTM D624) | 112 psi |
| Thermal Emittance | (ASTM C-1371, CRRC testing protocol) | 0.90 |
| Solar Reflectance | (ASTM C-1549, CRRC testing protocol) | 81.8% |

**Thermal and Solar values are based upon white color.*

APPROVALS

UL – 790 Class A Fire Rating
 Factory Mutual Approved – Class A Fire, Windstorm and Hail Classification
 Energy Star® guidelines for energy efficiency are met by various colors
 LEED Qualified
 CRRC Rated
 California Title 24 Compliant
 Florida Power & Light Compliant
 Green Seal Compliant
 LEED Credits for cool roofs and cool walls are available. Federal tax credits for energy conservation on commercial buildings are available.

WARRANTY: Non-prorated 10 and 12 year warranties. Subject to application only by contractors who are Approved Applicators by The Ultimate Coatings Company and in compliance with product Application Procedures and Guidelines. Premium Product — 100% MADE IN USA.

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