



ECO-THERM IT!™

*Ultimate Protection
that Saves Energy
while it
Saves You Money*



3020 BRIDGEWAY • SUITE 150
SAUSALITO, CA 94965
415.726.0551
WWW.ULTIMATECOATINGS.NET

ECO-THERM™ ELASTOMERIC

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

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

Eco-Therm™ Elastomeric is a single component, energy efficient protective coating used on asphalt roofs, as well as stucco and concrete walls, plywood siding, polyurethane foam, metal and previously painted surfaces. 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 meets the initial Cool Roof Rating Council (CRRC) 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: Zero 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.

UL Fire Rated: UL-790 Class A rating, non-combustible.

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 for weathering is pending.



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 Weight	(ASTM D1644)	65 + 2%
Solids by Volume	(ASTM D2697)	55 + 2%
Weight per Gallon		11.2 lbs
VOC (solvents)	(U.S. EPA Reference Method 24)	0 grams/L
Material (primary)	(Rohm & Haas acrylic elastomer)	Water-based
Tints (pigments)	(Ferro infra-red)	Intrinsic
Dry Film Thickness	(theoretical yield per coat)	9.5 mils, high build
Coverage (ft/gal)	(theoretical yield per coat)	60-90 sq ft
Recoat Time	(temperature dependant)	12-24 hrs
Priming	(chalky, alkaline, new concrete)	Required
Temperature Limits		30° to 200° F

**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 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
 Title 24 Compliant
 LEED Credits for cool roof "heat island effect" reduction are available through use of this product and may also be available for use on exterior walls.

WARRANTY: Non-prorated 10 and 12 year warranties. Subject to application only by contractors who are Approved Applicators by The Ultimate Coatings Company.

Copyright © 2007, The Ultimate Coatings Company LLC. All rights reserved. The Ultimate Coatings Company logo and product trademarks are federally registered trademarks of The Ultimate Coatings Company LLC. All other trademarks, if used, are the properties of their respective holders. Specifications are subject to change without notice. Data herein is based upon laboratory tests we believe to be accurate. No liability or responsibility is assumed or implied for the product as it pertains to coverage, performance, or injury resulting from its use. Warranty subject to inspection by manufacturer's representative and is solely limited to product replacement.