

EN-R-GY ROOF COATING

By:



Sealmark

Supply

The Hi-Tech Solution for virtually "ANY" Roofing Surface or Substrate

A unique blend of polymers, industrial-grade resins, rubber and thermal sphere particles that form a liquid membrane system... with proven capabilities to provide long-lasting protection for commercial, industrial, residential applications.

Consider The Advantages !

SAVES ENERGY

Sealmark's unique formulation produces a protective shield that results in solar reflectivity of 94.7% reducing the damaging UV that ultimately cause cracking, blistering and lifting. This heat reflection reduces utility costs. A 10-year material warranty is available.

SUPERIOR ADHESION

Forms a permanent bond that won't peel or chip.

EXCEPTIONAL FLEXIBILITY

An elongation factor of over 200% eliminates thermal shock and roof movement through expansion and contraction that can produce cracking. Maintains elastomeric properties after many years.

HIGHLY RESISTANT

To mildew, chemicals, fungus, acid rain, salt water, rust and ponding water.

ENVIRONMENTALLY SAFE

VOC-compliant. No harmful vapors.

WATERPROOF

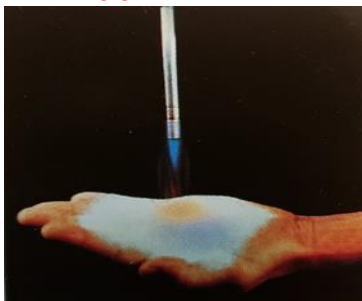
Eight times more water resistant than most asphalts. No penetration from ponded water after four weeks of rigorous testing.

STRETCH TEST



Confirms the ability of Sealmark coating to maintain total integrity on a rubber substrate while competitive material exhibit cracking/separation

FIRE RESISTANT



Has a class A fire rating and will not support combustion. Thermo-Sphere particles help create a thermal barrier.



SCAN ME

SPACE AGE TECHNOLOGY FOR YOUR ROOFING INVESTMENT

See reverse page for more information!

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Application: Easy-to-use

The fluid solution is ready use right from the pail or drum and can be applied with a brush, roller or spray equipment. May require only one coat to weather protection. However, usually two coat application is needed depending on conditions and type of substrate. Dry times will vary. Soap and water clean up.



SPRAY



ROLLER



BRUSH

OVER 500 SHADES OF COLOR AVAILABLE



Membrane Technologies, Inc.
1527 Beaver Run
Lynchburg, VA 43000
Ph: 530-896-9300
Fax: 530-896-9943

Technical Service Report

Sealmark Mfg. Inc.

Tony Cupic

480 Galtiff Dr. PO Box 91

Canons, PA 15033

Ph: 724-379-4442 Fax: 724-379-8457

Project #: FX2891A
Quote #: 2011-120
Date: 2/28/2011
PO#: 1000-22311

Abstract:

Analysis of one coating for Solar Reflectance per ASTM C1549 and Thermal Emittance per ASTM C1371

MT#:

MTI-110139

Description of Material

One panel of Sealmark #1000 Roof Coat

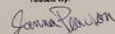
Receiving Date

2/25/2011

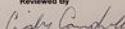
Test	ASTM	Requirement	Result	Conclusion
Solar Reflectance	C 1549	N/A	94.7%	N/A
Thermal Emittance	C 1371	N/A	0.82	N/A

Conclusion:

Tested By:


Jenna Pearson
Laboratory Technician

Reviewed By


Cindy Campbell
Laboratory Manager

TEST PROPERTIES AND APPROVALS

Accelerated Weathering	No signs of cracking, crazing, erosion, 200 hours weather meter	ASTM-E42
Adhesion	Exceeds maximum testing requirements	ASTM-D-3359
Impact Resistance	Withstood 160 pounds	ASTM-D-2794
Corrosion Resistance	300 Hours salt fog test. No effect	ASTM-B-117
Chemical Resistance	24 Hour exposure to 16 chemicals, No effect	ASTN-D-1308
Freeze/Thaw Cycle	10 cold/hot cycles. No cracking or other deleterious effects	ICBO SPEC
Hail Resistance	Passes-no fractures 2" steel ball dropped repeatedly through a 21-4" diameter tube	
Fungal Resistance	No fungal growth Tropical chamber exposure	ASTM-D03273-73T
Abrasion Resistance	Withstood 500 liters of falling sand abrasion. No wear through	ASTM-D-968
Water Resistance	No Effect. Excellent	D-2247
Ponding	After 4 weeks, no water had penetrated through the coating	U.S. Test Lab Procd.
Fire Resistance	Class A Fire rating	ASTM-E-108


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