

EN-R-GY ROOF[®]

BY SEALMARK

CERAMIC-FORTIFIED-ACRYLIC ROOF COATING

The Hi-Tech Solution for virtually “**ANY**” Roofing Surface or Substrate

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

Consider The Advantages!

SAVES ENERGY

Sealmark's ceramic particles produce a protective shield that results in allowing thermostat settings to be lowered 5 to 8 degrees in winter and raised a like amount in the summer. Also reflects 90% of damaging UV rays that ultimately cause cracking, blistering and lifting. Meets or exceeds Energy Star ratings for roof coating. A 10-year material warranty is available.

SUPERIOR ADHESION

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

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, dirt pickup 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 materials exhibit cracking and separation.

FIRE RESISTANT



Has a class A rating and will not support combustion. Ceramic particles create a thermal barrier. Can protect a bare hand held an inch away from a torch.

SPACE AGE TECHNOLOGY FOR YOUR ROOFING INVESTMENT!

See reverse for more information!



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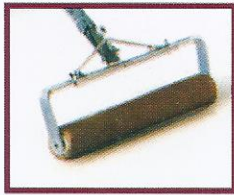
Application:

EASY-TO-USE

The fluid solution is ready for use right from the pail or drum and can be applied with a brush, roller or spray equipment. Usually requires only one coat for maximum weather protection. A second coating may be required depending on condition of existing surface. Drying time averages six hours. Coverage rates vary depending on the condition of the substrate. Soap and water clean up only.



Brush



Roller



Spray

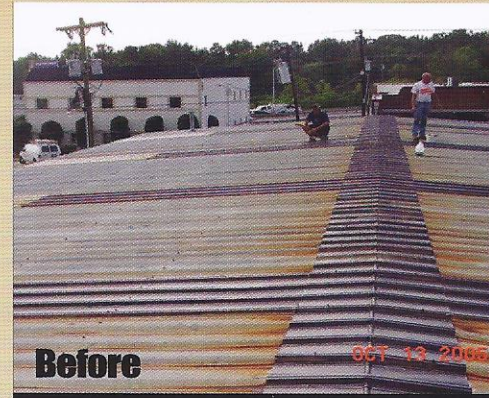
COLORS

A wide range to meet your needs. Choose from over 300 different hues. Custom colors are also available.

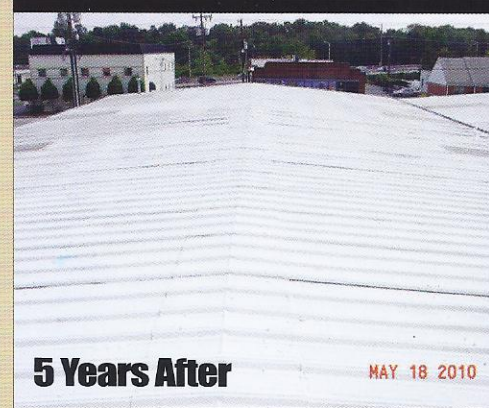


TEST PROPERTIES & APPROVALS

Accelerated Weathering	No signs of cracking, crazing, erosion, 2000 hours weathermeter	ASTM-E42
Adhesion	Exceeds maximum testing requirements	ASTM-D-3359
Bonding Strength	Passes – no failures	ICBO-Standard
Impact Resistance	Withstood 160 pounds	ASTM-D-2794
Corrosion Resistance	300 hours salt fog test. No effect	ASTM-B-117
Blistering Resistance	No blisters	ASTM-D-714-87
Chemical Resistance	24 hour exposure to 16 chemicals, No effect	ASTM-D-1308
Freeze/Thaw Cycle	10 cold/hot cycles. No cracking or other deleterious effects	ICBO SPEC
Elongation	200%	ASTM-912
Hail Resistance	Passes – no fractures 2" steel ball dropped repeatedly through a 21-4" diameter tube	
Wind-Driven Rain Resistance	No moisture penetration after 4 hours	ASTM-14
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 Vapor Permeability	Average moisture vapor transmission without cracking .152	ASTM-E96
Water Resistance	No effect. Excellent	D-2247
Ponding	After 4 weeks, no water had penetrated through the coating system	U.S. Test Lab Procd.
Fire Resistance	Class A fire rating	ASTM-E-108
Surface Burning	Flame spread index 15 Smoke developed 55	ASTM-E84-91a



Before



5 Years After

MAY 18 2010

Roof Temperature Test:

When the exterior roof temperature is 212°, Sealmark Roof Coating kept the interior temperature a lot cooler than other coating systems ...



Outside Roof Temperature: 212°

Inside temperature with:

White Elastomeric Coating: 200°

Aluminum Coating: 200°

Asphalt Coating: 240°

Sealmark Coating: 184°