EPOX-Z NRG™ Cool Roof Coating



EPOX-Z NRG™ is a two-part, ZEROVOCs , 100% solids, solventless Cool Roof coating. Engineered to provide superior performance over all elastomeric Cool Roof coatings, EPOX-Z NRG™ is a flexible, highbuild coating that requires just a single coat. This bright-white product resists cracking, chalking, peeling, and mildew, while offering superior durability and long service life. It expands and contracts with roof movement to prevent damage. EPOX-Z NRG™ provides a highly effective barrier to the sun's heat and UV rays that cools roof surfaces and leads to a reduction of interior temperatures and cooling costs.



ASTM D5894 Weatherability	"Superior weatherability" 10 times better than acrylics
ASTM D3359 Adhesion	"No peeling or removal of coating" Highest possible rating
ASTM D1635 Permeability	"Impermeable" 20 to 60 times better than acrylics
ASTM D714 Blistering	"No blistering" Highest possible rating
ASTM D1654 Corrosion Resistance	"Minimal corrosion" No corrosion creep
ASTM D4214 Chalking	"Light chalking" Highest possible rating



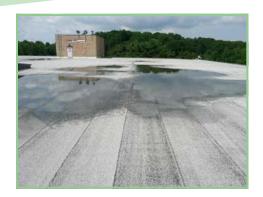






EPOX-Z has virtually NO odor, contains NO solvents, and there is NO occupant interruption during the coating process.

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Long-term **ponding water on a roof surface is one of the most destructive conditions** that can
adversely affect the life cycle of a flat roof system.
EPOX-Z NRG™ is the ONLY **ZEROVOCs** ❤ Cool Roof coating that has been tested to resist ponding water.

Compare the Benefits of EPOX-Z NRG™ to Acrylic Cool Roof Coatings

	EPOX-Z NRG™	Acrylic	
Durability / Weatherability			
Is the coating affected by PONDING WATER?	No	Yes	
Is chalking an issue?	No	Yes	
Can coating resist moisture while curing?	Yes	No	
Is the coating algae-resistant?	Yes	Limited	
Is the coating surface-tolerant?	Yes	No	
Is there a 10-year labor and materials warranty at no additional cost?	Yes	No	
Formulation			
What is the solids content?	100%	50%-63%	
What is the base polymer?	Ероху	Acrylic	
Does the coating contain harmful VOCs?	ZEROVOCs 💆	Yes	
Does the coating have high-build characteristics?	Yes	No	
Time / Cost Variables			
Is a primer coat required?	No	Yes	
Is the product self-priming?	Yes	No	
How many coats are required?	One	Multiple	
Is the "Cool Roof" coating ENERGY STAR compliant?	Yes	Yes	
What is the time to full cure?	48 hours	7-10 days	