


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, high-build 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.

Unmatched Ratings for Weatherability, Durability, and Impermeability

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




**EPOX-Z Contains
ZEROVOCs** 
*Volatile Organic
Compounds*


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

EPOX-Z NRG™ Cool Roof Coating



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? | Epoxy | 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 |