



MS-Coolroof by **EnviroECOats** is an acrylic, elastomeric coating designed to protect roof membranes from the harmful rays of the sun and prolong the life of the membrane. It is formulated to provide an economic coating that is highly durable and weather resistant. **MS-Coolroof** is designed to be used on a variety of membranes and roof surfaces including granulated bur, granulated mod bit and metal. It is not designed for use over smooth/non-granulated bur or mod bit without the proper primer. For use as a surface coating on “Fluid Applied Reinforced Roofing” systems use MS-Elastashield or contact EnviroECOats representative.

MS-Coolroof is listed by the “Cool Roof Rating Council” and can be used to comply with **LEED and 2016 California Title 24** cool roof requirements. Help us protect the Environment and save money.

PREPARATION: Surface must be dry and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion. It is recommended that the surface be washed prior to the application. For smooth asphalt or mod bit use proper primer. Repair any splits, holes or deficiencies in the existing system using Elastic Cement or proper sealing compound prior to application.

APPLICATION: May be applied by roller, brush or spray. Best results are achieved when applied by high pressure airless spray. Apply per specifications. On existing mineral surface or previously coated surfaces; clean surface thoroughly before applying, scrubbing with a detergent solution if necessary to remove oils and other residues. Flush immediately with strong stream of water. Some surfaces may require priming (consult EnviroECOats).

Wet material and all tools and equipment may be cleaned with water. Rinse tools and equipment with water before using. Mix thoroughly before using. Do not dilute.


PRECAUTIONS: Do not apply when surface or air temperature is below 55° F, or if cold weather, rain or fog is expected within forty-eight hours of application. **MS-Coolroof** dries through dehydration. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

READ AND FOLLOW DIRECTIONS CAREFULLY. FOR PROFESSIONAL USE ONLY. REFER TO MSDS FOR PROPER HANDLING. NOT DOT REGULATED.

STORE CONTAINERS IN COOL, DRY, PROTECTED AREA WITH LIDS TIGHTLY SEALED. KEEP FROM FREEZING

EnviroECOats Technical Data Sheet

Base.....	Acrylic
Color.....	White
Elongation	205% ASTM D2370
Tensile Strength	426 psi ASTM D2370
Dry Adhesion (pli) (Granulated)	5.5 ASTM D903
Dry Adhesion (pli) (PUF).....	2.5 ASTM D903
Dry Adhesion (pli) (Galv. Steel).....	7.0 ASTM D903
Tear Resistance	105 lbf/in ASTM D624
Low Temperature Flexibility	Pass 75°F ½” ASTM D522
Solids.....	52% by volume ASTM D2697
Solids.....	64% by weight ASTM D1644
Water Swelling.....	6% ASTM D471
Hardness	88 Shore A ASTM D2240
Weight Per Gallon	Approximately 11.5 lbs.
Consistency.....	Heavy paint, for heavy duty spray, brush or roller
Viscosity.....	110 (KU) ASTM 562
Application Temperature	Min. 55° F Max. 100 °F (ambient)

	Initial Weathered	
	Solar Reflectance	0.84 0.77
	Thermal Emittance	0.90 0.88
	Rated Product ID Number	0001
CRRC Licensee ID Number	1212	
Classification	Production Line	
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</small>		
<small>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>		