



## ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating

### 1. Description:

**EP - ENDURO-ROOFKOTE** is a 100% acrylic elastomeric roof coating manufactured with exceptionally high quality raw materials to provide a superior product that provides excellent weathering protection, distinguished adhesion to almost all roofing surfaces, low temperature flexibility, great durability, and superb reflectivity of solar energy to promote energy savings up to 35%. This high performance product is an aesthetically pleasing bright white. EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating is a high performance product that delivers an energy efficient roof by reducing energy consumption.

### 2. Uses:

EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating is designed to provide superior protection to various roof substrates such as metal, modified bitumen, barrel tiles, concrete slabs, single ply, polyurethane foam, and properly prepared EPDM substrates. The product can also be applied to old asphalt roof coatings. Shingle and gravel type roofs will require special preparation beyond the scope of our general surface preparation and is therefore not a preferred surface of application. This white coating reduces energy costs for commercial buildings.

### 3. Surface Preparation:

The roof surface to be coated must be clean, dry and free of all foreign matter such as dirt, grease, oil, salts, loose mortar, loose paint, mildew, chalk, or loose gravel and any other surface contaminants. The roof surface shall be structurally sound. Power washing using a professional type high-pressure water cleaner is recommended to aid in removing surface contaminants, followed by a mildew killer solution if mildew is prevalent. Repair all cracks and holes with a suitable filler. For metallic surfaces, remove any rust, mill scale or contaminants that would likely interfere with adhesion. Bare metal should be primed with a rust inhibitive or corrosion resistant type primer. Unpainted galvanized or aluminum surfaces must be thoroughly clean and dry. In some cases, etch

surface with acidic metal preparations or use 15% solutions of acetic acid. Rinse thoroughly before applying any paint product. Freshly applied asphaltic roofs should be allowed to cure for 28 days before the application of EP-ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating. When coating EPDM roofs, it is extremely important to remove all dust, dirt and embedded clay to assure proper adhesion.

### 4. Mixing & Priming:

EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating should be hand stirred thoroughly before using, and occasionally stirred in use. This product does not require thinning or reduction and should be used as is from the container. Stir material thoroughly prior to use.

### 5. Color/Packaging:

EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating comes in white. Available in one-gallon and five-gallon containers. The weight is 12.08 lbs. per gallon.

### 6. Application:

EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating may be applied by brush, roller or airless sprayer. For brush application, use a good quality synthetic bristle brush. Roller application should use a 3/4" nap synthetic cover or sleeve. Spraying should be performed with an airless sprayer @ 3000 psi operating at 2 gallons per minute and using tips .021 to .031. For best results, a two coat application is recommended. Allow 6-8 hours between coats of EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating. Product should dry to touch within 2-3 hours after application. Drying time depends on temperatures and humidity.

### 7. Coverage:

Apply two coats EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating at 100 square feet per gallon each. Coverage will vary depending on the condition of the surface.



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## 8. Limitations:

Do not apply EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating if the surface temperature is below 50 degrees F (10 degrees C), or if rain is imminent or forecasted within 24 hours. If dew conditions exist early in the morning, apply in the afternoon or if it exists early evenings, apply product in the morning. EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating containers should be protected from freezing. This product is not for use on vehicular traffic bearing surfaces.

## 9. Cleaning Instructions:

Clean up brushes, rollers and all other equipment with warm soapy water after use.

## 10. Safety Health and Environmental Recommendations:

Provide proper ventilation. Avoid coating contact with skin and eyes. Use protective goggles and clothing. In case of eye contact, flood eyes with water and call a physician immediately. Wash hands thoroughly with soap and water after handling. Do not take internally. If ingested, call a

physician immediately. Read the Material and Safety Data Sheet for EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating prior to handling or application as supplied by Enduro Products in California: (714) 526-5898, Fax (714) 526-6511; in Florida: (941) 378-9794, Fax (941) 378-9438; email: info@endurokote.com.

## 11. Warranty:

Enduro Products warrants its EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Enduro Products makes no other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose with respect for Enduro Products. Enduro Products' sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of EP - ENDURO-ROOFKOTE Acrylic Elastomeric Roof Coating proven to be defective and Enduro Products shall not be liable for any loss or damage.

## Technical Data

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Viscosity in KUs	115-120	ASTM D-562
Color	White	Visual
Tensile Strength, psi	220	ASTM D-2370
Tensile Elongation, %	275	ASTM D-2370
Permeability @ 20 dry mils in perms/in.	5	ASTM D-1563
Coverage, sq. ft./gal. @ 20 dry mils	200	ASTM D-790
Recoat time in hours	8	ASTM D-5402
Energy Star Solar Reflectance, Initial	0.90	ASTM E-1980
Energy Star Solar Reflectance, After 3 years	0.79	ASTM E-1980
Emissivity	0.88	ASTM C-1371
Density in lbs./gal.	12.08	ASTM D-1475

