Roof Coat Elastomeric Coating
Product Data Sheet

Updated: 9/16
BASIC USES & ADVANTAGES

United Coatings’ Roof Coat Elastomeric Coating adheres to a variety of substrates, including granulated BUR, SBS & APP, metal, wood, and concrete.

Advantages:

• High Reflectivity 84% ... Helps save energy costs by reflecting heat away from the building
• Water-based and Low VOC... Approved for use even in states with tough UV standards
• Versatile... Can be applied by roller, brush, or airless sprayer

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>% Solids by Volume</td>
<td>50% [ASTM D2369]</td>
</tr>
<tr>
<td>% Solids by Weight</td>
<td>66% [ASTM D2697]</td>
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<tr>
<td>Weight per Gallon</td>
<td>12.2 lb. (5.5 kg) [D1415]</td>
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<tr>
<td>VOC Maximum</td>
<td>&lt;50 grams/liter [Regulatory]</td>
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<tr>
<td>Elongation Initial @ 73°F (23°C)</td>
<td>176% [ASTM D2370]</td>
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<tr>
<td>Solar Reflectance</td>
<td>0.84 initial, 0.67 aged [ASTM C1540]</td>
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APPLICATION INSTRUCTIONS

Substrate Preparation: Clean and prepare surfaces to receive coating by removing all loose and flaking particles, grease, and laitance with the use of a stiff-bristle push broom and/or pressure-washing. Be sure that the substrate is dry before applying the coating. Rusty or deteriorated substrates must be primed with Acrylex 400 Primer or equal.

Mixing: Thoroughly mix using a power mixer for a minimum of 5 minutes prior to application. For 5-gallon (18.9 L) pails, use a 3” (76 mm) minimum diameter mixing blade; for 55-gallon (208 L) drum, use a 6” (152 mm) minimum diameter blade.

Application: United Coatings’ Roof Coat Elastomeric Coating may be applied by brush, roller, or airless sprayer. Apply evenly at a rate of 1.0 – 1.5 gallons/100 ft² [4.08 – 6.11 L/m²] per coat with a minimum of two coats. Total coverage should be between 2.0 – 3.0 gallons/100 ft² (8.15 – 12.22 L/m²) and is dependent on the substrate. Smooth substrates will require less coating, while rough or porous substrates require more coating.

Total dry mil thickness should be between 16 – 24 mils (0.4 mm – 0.61 mm).

Spray Application: Use an airless spray pump with a 1 gallon per-minute (3.8 L/minute) output and 2,000 psi (13,790 kPa) pressure capability. Use a reversible, self-cleaning tip with orifice size 0.027” – 0.039” (0.69 – 0.99 mm) and a fan angle of 40° to 50°. Filter screens should be 30 mesh or larger. Use a 3/8” (9.5 mm) minimum inside diameter, nylon high-pressure-type hose for lengths up to 75 ft. (23 m) from pump. For 75 ft. – 200 ft. (23 – 51 m), use ½” (12.7 mm) inside diameter hose added to pump side of existing 3/8” (9.5 mm) hose to maintain pressure and delivery. Additional coats may be applied as soon as the previous coat is dry enough to walk on and should be applied perpendicular to the previous coat to ensure proper coverage.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to OSHA guidelines and product Safety Data Sheet (SDS).

CLEAN-UP

Clean equipment and overspray with water before curing. If coating has hardened, clean with mineral spirits or biodegradable turpentine solvent. Clean hands with soap and water or waterless hand cleaner. It is not recommended practice to leave the coating in the pump or hoses.