

Weathercote™ Elastomeric Coating Data Sheet

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North America's Largest Roofing Manufacturer!™*

WEATHERCOTE™ ELASTOMERIC COATING

Description

WeatherCote™ Elastomeric Coating is a water-based acrylic roof coating that provides a durable, protective weathering layer for low-slope roofs. WeatherCote™ Elastomeric Coating is also highly reflective, directing heat and UV away from the building. This reduces the wear and tear on the membrane below as well as lowering the temperature inside the building, saving energy costs during warm and hot summer months.

Uses

WeatherCote™ Elastomeric Coating adheres to a variety of substrates, including granulated BUR, SBS & APP metal, wood, and concrete.

Key Features & Benefits

- **High 88% Initial Reflectivity...** Saves 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 spray, roller, or brush
- 7-year material warranty included

Storage

Store material at 50°F–80°F (10°C–27°C)
Do not allow to freeze or exceed 100°F (38°C).
Containers should be protected from exposure to direct sunlight.

Shelf Life

1 year from manufacturing date

Color

White

Sizes

5 gallon (18.93 liter), 55 gallon (208 liter), and 275 gallon (1,041 liter) sizes

Surface Preparation

Prior to application of coating, the surface must be clean, dry, and free of any loose particles, such as dirt, dust, and oil. Cracks or holes should be repaired. A moisture scan is recommended, and any wet roofing materials must be replaced and leaks repaired before applying coating.

Application Instructions

Apply coating during sunny, dry days with a temperature of 50°F (10°C) and rising for minimum cure time. Apply evenly to the substrate by spraying or rolling at a rate of 1.0 gallon (3.8 liters) to 1.5 gallons (5.7 liters) per 100 square feet (9.3 m²) per coat. Apply a minimum of two coats; the second coat should be applied perpendicular to the first coat to ensure good coverage. Allow approximately 24 hours between coats and at least 24–48 hours for full cure.

Recommended Coverage (minimum)

- Smooth surfaces = 2.0 gallons (7.6 liters) per 100 sq ft (9.3 m²)
- Granulated surfaces = 3.0 gallons (11.4 liters) per 100 sq ft (9.3 m²)

Precautions

- Do not apply if rain is expected within 48 hours after application.
- Do not apply to flat surfaces with poor drainage or where ponding water will exist.
- Do not apply when below 50°F (10°C).
- Do not apply if substrate exceeds 120°F (48.9°C).
- Not recommended over EPDM, TPO, PVC, smooth APP, polyurethane foam, or shingles.

For Application Questions

Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

Physical Property	Nominal Value	Test Method
% Solids by Volume	40%	D2369
% Solids by Weight	55%	D2697
Weight per Gallon	10.3 lbs. (4.7 kg)	D1415
VOC Maximum	48 grams/liter	Regulatory
Solar Reflectance (initial/3-year aged)	.88/.76	ASTM C1549
Elongation Initial @ 73°F (23°C)	150%	ASTM D2370
Tensile Strength Initial @ 75°F (23°C)	250 psi	ASTM D2370
Permeance	20 perms	ASTM D1653
Water Swelling @ 7 days (peak)	19%	ASTM D471
Fungi Resistance	Zero Rating	ASTM G21

