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PROFESSIONAL-GRADE PRODUCTS

LionGUARD Acrylic Roof Coating

COMPLIANCE

Title 24, CRRC, Energy Star. ASBESTOS FREE.

PRODUCT DESCRIPTION

LionGUARD White Acrylic White Roof Coating provides a flexible and protective coating for your roof surface. This product is designed to reflect the destructive ultraviolet rays from the sun and reduce rooftop temperatures. In turn, this will help extend the life of roof surfaces and provide a sustainable and maintainable asset. LionGuard acrylic coating provides good adhesion to a variety of roofing substrates. Note: Make all repairs prior to applying coating.

PREPARATION

All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel, peeling paint and all other foreign matter. Rusty metal must be cleaned with a wire brush and primed before application of this product. Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended for best results (use only a wide fan tip - do not allow stream to tear into roof surface). Repair all leaks and cracks with Polyester Reinforcing Fabric and White Roof Patch. Allow to cure 24 - 36 hours before application of roof coating. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating with this product. Do not heat or thin. DO NOT APPLY WHEN HEAVY DEW OR RAIN IS EXPECTED WITHIN 2 - 4 HOURS.

FOR BEST RESULTS

Always check weather and temperatures for period at the time of and 48 hours following application.

APPLICATION

For exterior use only. Protective clothing, gloves and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be above 55 °F (for 24 hours) and rising, but not above 110 °F. Apply with a 3/4" nap exterior paint roller or professional airless sprayer. First, apply one coat over all seams and joints. Allow to cure for one hour or until dry, then apply two (2) uniform coats over entire surface, avoiding excessive rolling. Two full coats are needed for all applications. Dries for recoat in 4 hours and fully cures in 24 - 36 hours at 70 °F & 50% relative humidity. Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times. Coverage rate is 1 1/2 gallons per square, per coat. Two coats are required for a total application of 3 gallons per square.

SPRAY INFO

2000-3000 PSI, .030 - .041 Tip Size, 1-3 GPM.

NOTE

If roof becomes hot (over 100 °F) during application, lightly mist roof surface with water spray to prevent coating from drying too fast. Remove any excess or puddling water prior to coating. If roof surfaces become soiled as they age, due to the elements, Elastomeric can be cleaned with a mild water and bleach solution. Excessive scrubbing should be avoided. If color tinting is desired, a typical addition of 3 - 4 ounces per gallon of Universal colorant can be added, which will result in light pastel colors. Color tinting will disclaim warranty.



PRODUCT SPECIFICATIONS

Weight Per Gallon	11.0 - 12.0 lbs.
Viscosity (ASTM D2697)	110 - 140 ku
Elongation (ASTM D562)	250%
Tensile Strength (ASTM D2370)	250 psi
Reflectivity (ASTM C1549)	.85 (Initial) .65 (3 yr.)
Emissivity (ASTM C1371)	.87 (Initial) .89 (3 yr.)
SRI	107
Permeability (ASTM D1653)	< 20 perms
Adhesion to Polyurethane Foam	good
Application Tool	Brush, spray or roller
Skin Time (50% Relative Humidity, 70°F)	4 hours
Full Cure (50% Relative Humidity, 70°F)	24 - 36 hours
Application Temperatures	55 °F and rising
Flammability	N/A (water-based)
Clean-up Tools	Soap and warm water

Approx. Shipping Weights: (Note: all approx. weights include container)

5 gallons (18.9L)	62 lbs.
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CLEAN UP

Clean tools with soap and water.

STORAGE & HANDLING PRECAUTIONS

Do not store at temperatures below 50 °F. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 110 °F. Close container after use. Not for use on EPDM or some single ply membranes. Seal container when not in use.

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