



#1044 SUNSCREEN™ WHITE ELASTOMERIC ROOF COATING

PRODUCT DESCRIPTION

Lucas #1044 Sunscreen™ White Elastomeric Roof Coating is an acrylic elastomeric roof coating intended for application to metal, concrete, EPDM, Elvaloy/PVC, polyurethane foam, asphalt BUR, and granule surfaced roofs. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant building movement. This is a water-based material and must be kept from freezing.

APPLICATION

Mechanically mix before using. Apply only at temperatures above 40°F and rising with less than 90% humidity, and no threat of rain for 48 hours. Surface temperatures should be under 100°F to avoid premature curing. If roof surface is hot, apply a light water spray to reduce its temperature.

The roof should be power-washed clean with Lucas #115 Universal Wash. All metal roof fasteners should be inspected and loose, broken, or missing fasteners replaced. All seams and fasteners should be sealed with Lucas #1500 Acrylic Mastic prior to coating the roof. Damaged areas should be reinforced with Tietex fabric. The surface must be clean and free of loose or flaky rust and paint. Rusted areas should be pre-treated with Lucas #1019 Primer.

Apply with a roller or suitable spray equipment at the rate of 1.25-1.5 gallons per 100 sq. ft. A second coat of Lucas #1044 is required to achieve a consistent, pin-hole free surface finish. Drying time to first top coat @ 70°F is 4 to 8 hours.

Lucas #1044 may be used for a fully reinforced system when combined with polyester fabric. Fully embed polyester fabric throughout the roof with Lucas #1044 at a rate of 2 gallons per 100 sq. ft. of coating. An additional two top coats of Lucas #1044 at 1.5 gallons per 100 sq. ft. (totaling 3 gallons) should be applied to the top surface after the first coat has dried.

When applied to areas that retain water more than 48 hours, service life will be severely diminished and adhesion failure can be expected.

The preceding directions are basic guidelines only. Please read and understand the complete Lucas Guide Specification for this product, for the intended application. The Guide Specification is available from techsupport@rmlucas.com.

Clean up: Tools and other equipment can be cleaned with soap and water (wet coating).

Storage: Keep from freezing. Keep out of direct sunlight. Do not heat or thin. Store between 50°F and 100°F. High temperatures and humidity during storage will shorten product's shelf life.

Shelf Life: One year from the date of manufacture.

CAUTION: Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do NOT induce vomiting. Contact medical personnel immediately. Read SDS prior to use. EMERGENCY CONTACT: CHEMTREC 1-800-424-9300.

#1044 SPECIFICATION

Viscosity	ASTM D 2196	100,000 cps
Solids by Weight	ASTM D 1644	61%
Solids by Volume	ASTM D 2697	50%
Weight per Gallon	ASTM D 1475	11.5 lbs.
Wet Film Per Gallon		16 mils
Dry Film Per Gallon		8 mils
Tensile Strength	ASTM D 2370	250 psi
Elongation	ASTM D 2370	350 %
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged	ASTM C 1549	.72
Emissivity	ASTM C 1371	.89
SRI	LEED	105
Flash Point	ASTM D56	NA
VOC	EPA 24	18 g/l

Container Sizes: 5, 55, 275 gallon

Colors: White, Gray, Tan

Lucas #1044 meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code.



To the extent allowed by local law, except as set forth below, seller makes no warranty of merchantability or fitness for any particular purpose with respect to the goods herein sold. There are no other warranties of any kind, expressed or implied, beyond the terms set forth on the face hereof. No employee or agent of the seller is authorized to alter the terms hereof.

Seller warrants that this product shall be free of any defect under normal use for a period of ONE YEAR from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application.

LIMITATION OF LIABILITY: In the event of a defect or failure falling under this warranty, buyer's sole remedy shall be refunded of the purchase price or replacement of the defective material, at seller's option. Under no circumstances shall seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental or consequential damages, whether based on contract, tort (including negligence) or any other legal theory.

NOTE: Some or all of the foregoing may not apply or may be invalid under the laws applicable to buyer's purchase or claim. In the event of any defect or failure of this product, consult local law to determine the applicability of any of the foregoing.