



#1000TC ELASTOMERIC ROOF COATING

Contact medical personnel immediately. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

PRODUCT DESCRIPTION

Lucas #1000TC Elastomeric Roof Coating is a 100% acrylic elastomeric roof coating intended for application to metal, modified bitumen, asphalt BUR, PVC, EPDM, Hypalon and concrete roofs and masonry walls. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant building movement. Lucas #1000TC and a #1000 series base coating, suitable for the roof system to be coated, is required.

Lucas #1000TC is formulated from 100% acrylic polymers. 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 must be cleaned with Lucas #115 Universal Wash. All fasteners should be inspected, and loose, broken or missing fasteners replaced. All seams, fasteners, curbs, and penetrations should be sealed with Lucas #1500 Acrylic Mastic.

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

Apply with a roller or suitable spray equipment at the rate of 1.25 to 1.5 gallons per 100 sq. ft. for each coat (minimum 2 coats per application). Use #1000BC for the base coat to achieve a consistent, pin-hole free surface. Drying time to first topcoat @ 70°F is 2 to 4 hours.

Lucas #1000TC may be used for complete restoration of most roofs when combined with polyester fabric reinforcement. For complete encapsulation of the roof, 40-inch widths of fabric should be embedded in 2 gallons per 100 sq. ft. of the appropriate base coating. An additional two coats of Lucas #1000TC at 1.5 gallons per 100 sq. ft., totaling 3 gallons, should be applied to the top surface after the first coat has dried. All laps should be a minimum of 4 inches.

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 mineral spirits. Take necessary precautions when handling combustible materials.

Storage: Keep from freezing. Keep out of direct sunlight. Do not heat or thin. Store between 40°F and 95°F. High temperatures and high humidity during storage will shorten the product's shelf life.

Shelf Life: Two years from the date of manufacture.

CAUTION: Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting.

#1000TC SPECIFICATION

ASTM D 6083

Viscosity	ASTM D 2196	70,000 cps
Solids by Weight	ASTM D 1644	65%
Solids by Volume	ASTM D 2697	52%
Weight per Gallon	ASTM D 1475	11.76 lbs.
Wet Film Per Gallon	ASTM D4414	16 mils
Dry Film Per Gallon	SSPC-PA 2	8 mils
Tensile Strength	ASTM D 2370	275 psi
Elongation	ASTM D 2370	240%
Reflectivity – Initial	ASTM C 1549	.85
Reflectivity – Aged	ASTM D 1918	.76
Emissivity	ASTM C 1371	.89
SRI	LEED	107
Flash Point	ASTM D 56	NA
VOC	EPA 24	18 g/l

Container Sizes: 5, 55, 275 gallon

Colors: White, Tan, Gray, and Custom Colors

Lucas #1000TC meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code. This product is Florida Building Code Approved. Meets following with 1000TC top coating:



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