



#1000TC ACRYLIC ROOF COATING

PRODUCT DESCRIPTION

Lucas #1000TC Acrylic Roof Coating is a 100% acrylic elastomeric roof coating intended for application to metal, modified bitumen, asphalt BUR, PVC, EPDM, Hypalon, 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. 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.

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.

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.

#1000TC SPECIFICATION

ASTM D 6083 Type I

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		16 mils
Dry Film Per Gallon		8 mils
Tensile Strength	ASTM D 2370	275 psi
Elongation	ASTM D 2370	240%
Reflectivity – Initial	ASTM C 1549	.85
Reflectivity – Aged	ASTM C 1549	.76
Emissivity	ASTM C 1371	.89
SRI	LEED	107
Flash Point	ASTM D 56	NA
VOC	EPA 24	<50 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.



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.

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