



LUCAS Professional Coatings, Sealants & Adhesives

R.M. Lucas Co. 3211 S. Wood St. Chicago, IL 60608 (773) 523-4300 rmlucas.com

#1000M ELASTOMERIC BASE COATING FOR METAL ROOFS

PRODUCT DESCRIPTION

Lucas #1000M Elastomeric Base Coating is a 100% acrylic elastomeric roof coating intended for application to metal roofs. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant building movement. Lucas #1000M must be top-coated with Lucas #1000TC.

Lucas #1000M is formulated from 100% acrylic polymers. #1000M is supplied in a light gray color to shorten dry time and allow the applicator to visually differentiate between base and top coated areas. This is a water-based material and must be kept from freezing.

APPLICATION

Mechanically mix before using. Do not store above 90°F. 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.

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

The roof must be cleaned with Lucas #115 Universal Wash. Prime all rusty areas with Lucas #1025 Alkyd Rust Inhibitor. All fasteners should be inspected and loose, broken or missing fasteners replaced. All seams and fasteners, curbs and penetrations should be sealed with Lucas #1500 Acrylic Mastic or #4500 100% Solids Semi-Selfleveling Sealer.

Apply with a roller or suitable spray equipment at the rate of 1.25 to 1.5 gallons per 100 sq. ft. A second coat of Lucas #1000TC (Top Coating) is required to achieve a consistent, pin-hole free, surface 20 to 30 mils thick. Spray application is preferred, as it will yield a smoother surface that will be less likely to pick up dirt. Drying time to first top coat @ 70°F is 2 to 4 hours. Clean up uncured coating with soap and water.

Lucas #1000M may be used for complete restoration of metal roofs when combined with polyester fabric reinforcement. For complete encapsulation or the roof, 40 inch widths of fabric should be embedded in 2 gallons per 100 sq. ft. of 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: Soap and water (wet coating).

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. For professional use only. Emergency phone number 1-800-424-9300.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

#1000M SPECIFICATION

ASTM D 6083

Viscosity	ASTM D 2196	60,000 cps
Solids by Weight	ASTM D 1644	64%
Solids by Volume	ASTM D 2697	50%
Weight per Gallon	ASTM D 1475	11.7 lbs.
Tensile Strength	ASTM D 2370	275 psi
Elongation	ASTM D 2370	240%
Reflectivity – Initial	ASTM C 1549	NA
Reflectivity – Aged	ASTM D 1918	NA
Emissivity	ASTM C 1371	NA
SRI	LEED	NA
Flash Point	ASTM D 56	NA
VOC	EPA 24	18 g/l

Container Sizes: 5, 55, 275 gallon

Colors: Base Coat Gray

Lucas #1000M 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 topcoat:



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Seller warrants that this product shall be free of any defect in material or workmanship 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, Buyers sole remedy shall be refund 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.

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