



LUCAS Professional Coatings, Sealants & Adhesives

R.M. Lucas Co. 12400 S Laramie Ave. Alsip, IL 60803 (773) 523-4300 rmlucas.com

#1000MB MODIFIED BASE COATING FOR MOD-BIT & ASPHALT

#1000MB SPECIFICATION

PRODUCT DESCRIPTION

Lucas #1000MB Modified Base Coating is a roof coating intended for application to built-up and modified bitumen roofs and as a fast setting base for adhering polyester fabrics. Lucas #1000MB is formulated specifically for improved adhesion to these two substrates. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant building movement. Lucas #1000MB must be top-coated with Lucas #1000TC.

Lucas #1000MB is formulated from 100% acrylic polymers developed specifically for adhering to bituminous surfaces. #1000MB may also be used on wood, metal, PVC, and EPDM surfaces. #1000MB 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. Surfaces must be power-washed clean with Lucas #115. The surface may be damp but must be free of standing water. 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.

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, surfacing 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.

Lucas #1000MB may be used for restoration of roofs when combined with polyester fabric reinforcement. For complete encapsulation of the roof, 40 inch widths of fabric should be embedded in 1.5 to 2 gallons per 100 sq. ft. of coating. #1000MB must be top-coated with an additional two coats of Lucas #1000TC at 1.5 gallons per 100 sq. ft., totaling 3 gallons. 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.

Viscosity	ASTM D 2196	60,000 cps
Solids by Weight	ASTM D 1644	63%
Solids by Volume	ASTM D 2697	46%
Weight per Gallon	ASTM D 1475	12.4 lbs.
Tensile Strength	ASTM D 2370	200 psi
Elongation	ASTM D 2370	200%
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 #1000MB 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:



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 EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

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.

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