

LUCAS *Coatings & Mastics for the Roofing Trade*

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PRODUCT DATA BULLETIN

#1000MB ELASTOMERIC BASE COATING

PURPOSE

Lucas #1000MB Elastomeric Base Coating is a roof coating intended for application to built-up and modified bitumen roofs. 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.

PRODUCT DESCRIPTION

Lucas #1000MB is formulated from 100% acrylic polymers developed specifically for adhering to bituminous 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.

This product displays very good resistance to intermittent ponding water. However, when applied to areas that retain water permanently or near-permanently, 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. For granule surfaced roofs, Lucas #1015 Acrylic Primer is recommended as the base coat to ensure complete penetration of the surface.

Lucas #1000MB may be used for restoration of single ply-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 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.

CAUTION

Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read MSDS prior to use.

#1000MB SPECIFICATION

Viscosity ASTM D-562	400g @ 77°F (25°C) (2000 cps)
Recommended rate of application	1.25 to 1.5 gal. per 100 sq. ft.
#1000MB must be surfaced with Lucas #1000TC at a rate of 1.25 to 1.5 gallons per 100 sq. ft.	
% Elongation	500 min
% Solids (weight)	57 min
% Solids (volume)	50 min
Weight per gallon	11.6 lbs.
Flash point (TCC)	None
Container sizes	5, 55, 250 gal tote
Colors	Light Gray

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