



# **LUCAS** *Coatings & Mastics for the Roofing Trade*

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## **PRODUCT DATA BULLETIN**

### **#1100 FLUOROPOLYMER FINISH COATING**

#### **PURPOSE**

Lucas #1100 Fluoropolymer Finish Coating is manufactured from KynarAquatec® Fluoropolymer emulsion technology. When combined with a suitable 100% acrylic base coating, this product forms a water and dirt shedding shell that improves appearance and long term solar reflectivity of the roof surface. #1100 is recommended as a thin film top coating only.

#### **PRODUCT DESCRIPTION**

Lucas #1100 is formulated with KynarAquatec® fluoropolymer and 100% acrylic copolymer emulsions.

#### **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.

The roof must be power-washed clean with Lucas #115 Detergent Roof Primer. All fasteners should be inspected and loose, broken or missing fasteners replaced. Fasteners should be sealed with Lucas #1071 Acrylic Roof Cement prior to coating the roof. Surface must be clean and free of loose or flaky rust and paint. Rusted areas should be pre-treated with Lucas #1025 Rust Inhibiting Primer.

Apply with a roller or suitable spray equipment at the rate of 0.5 (one-half) gallon per 100 sq. ft. A base coating of #1000SP, MB or M is required prior to application of the #1100. The base coating should be applied at the rate of 2 gallons per 100 sq. ft. Alternately, two applications of base coating may be applied at 1 to 1.5 gallons per square. The second method is recommended as it will yield a more consistent film thickness. 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.

## CAUTION

Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. If swallowed, do not induce vomiting. Keep out of reach of children. Do not allow this product to freeze. Read MSDS prior to use.

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

### #1100 SPECIFICATION

Applicable Specification	NA
Viscosity ASTM D-562	85 KU @ 77°F (25°C) (20000cps)
Recommended rate of application	0.5 gal. per 100 sq. ft
Recommended dry mil thickness is 3 to 4 mils. Do not exceed 4 dry mils.	
#1100 must be applied over a base coating of Lucas #1000SP, #1000M or #1000MB.	
% Elongation	100 min
% Solids (weight)	51 min
% Solids (volume)	39 min
Weight per gallon	10.8 lbs.
Flash point (TCC)	None
Container sizes	5, 55, 250 gal tote
Color	Standard White

Custom colors are available. Minimums may apply.

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