



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

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## **PRODUCT DATA BULLETIN**

### **#1015 ACRYLIC RESIN**

#### **PURPOSE**

Lucas #1015 Acrylic Resin is a 100% acrylic based resin intended to saturate and adhere polyester fabrics in the construction of reinforced, fluid-applies elastomeric roof membranes. #1015 contains no mineral fillers and a minimal amount of pigment. This allows for better adhesion and much greater water resistance. Additionally, its light yellow color changes to a darker amber hue as the coating dries. This allows for visual confirmation of the coating's level of cure and readiness for application of the top coatings.

#### **PRODUCT DESCRIPTION**

Lucas #1015 is formulated from 100% acrylic polymers suitable for adhering to bituminous surfaces, metal and single ply roofs. It is formulated to a very thin viscosity and low surface tension. This allows for complete penetration and saturation of the polyester fabric.

#### **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 a suitable residue-free detergent such as 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.

Apply with a soft bristle brush or suitable spray equipment at the rate of three gallons per 100 sq. ft. More will be required on alligatored or irregular surfaces. Irregular surfaces may require a prime coat to fill in and level the roof surface. Two additional coats of Lucas Elastomeric Roof Coating at 1.25 to 1.5 gallons per sq. ft. each is required to achieve a thickness of 20 to 30 mils. The first top coat should be #1000MB which is light gray in color. This speeds dry time and provides the applicator with visual confirmation of proper coverage when applying the bright white top coating of #1000TC. Spray application of the top coats is preferred, as it will yield a smoother surface that will be less likely to pick up dirt. Drying time to second coat @ 70°F is 4 to 8 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. 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.

### #1015 SPECIFICATION

Applicable Specification	NA
Viscosity ASTM D-562	125 g @ 77°F (25°C) (500 cps)
Recommended rate of application	3 gal. per 100 sq. ft
Weight per gallon	9.6 lbs.
Flash point	(TCC) None
Container sizes	5, 55, 250 gal. tote

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