



LUCAS *Coatings & Mastics for the Roofing Trade*

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

PRODUCT DATA BULLETIN

#6000

UNIVERSAL™ THERMOPLASTIC ROOF COATING

PURPOSE

Lucas #6000 Universal™ Roof Coating is a solvent-based Terpolymer coating intended for the repair and restoration of asphalt, modified bitumen, metal, concrete, TPO, PVC, KEE(Fibertite), Hypalon (CSPE), PIB and EPDM roofs. Ultra-low moisture permeability allows application in ponding water areas. Extremely fast drying. Skins over in minutes and cures completely in a few hours. Won't wash off or pick up debris. Lucas #6000 is available in Energy Star white and custom colors. When Installed in white, #6000 will reduce the roof's surface temperature which reduces stress from daily heat cycles. It will also reduce the heat gain in the building's interior, any associated air-conditioning costs and increase the efficiency of roof mounted air-conditioning condensers.

APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. #6000 may be applied to wet surfaces as a temporary repair measure. Its ultra high density and water displacing abilities allow adhesion to wet and underwater surfaces. In conventional applications, first apply Lucas #115 Detergent Primer and power-wash according to directions. All penetrations should be sealed with #6500 Universal Flashing Cement. On metal roofs any grade of #5500 Seam sealer may be utilized. For best results, apply the product with a 3/4 inch nap roller or suitable spray equipment. Apply successive coats at right angles to each other when possible. If separation is apparent, mix coating thoroughly before application. For best results, maintain coating temperature at 60° F or higher. Roof Temperature should be above freezing during application. Once applied, coating is unaffected by temperature.

Allow 24 hours between coats on asphalt, modified bitumen and EPDM roofs. For all other roof types, allow four hours between primer and/or base coats and the finish coat.

All roofs must be cleaned with #115 prior to application of this product. Failure to do so will result in poor adhesion and discoloration of the coating.

BUR/ModBit (varies)	2 to 3 gallons per square applied in 2 coats 1 to 1 1/2 gal/sq each*
TPO/EPDM/CSPE	2 gallons per square applied in 2 coats 1 gal/sq each**
Metal (varies)	2 to 3 gallons per square applied in 2 coats 1 to 1 1/2 gal/sq each
Concrete	Prime with #5015 1/2 gal/sq 2 gallons per square / 2 Coats 1gal/sq each
PVC	Prime with #1015 1/2 gal/sq 2 gallons per square applied in 2 coats at 1 gal/sq each

For fabric reinforced applications or other roof systems, consult the manufacturer.

*The first coat over asphalt will often stain yellow. Although #6000 is highly resistant to asphalt staining, this condition is unpredictable. If brown spots appear during application with a roller, inspect the roller nap for embedded pieces of asphalt. These spots will be covered on the second coat. Uneven, alligatored or cracked roofs will require the higher rate of application.

**EPDM roofs may exhibit temporary swelling if application rates are significantly exceeded. If swelling occurs do not proceed with additional coats until it has subsided.

If unsure of the type of roof system to be coated, consult the manufacturer to obtain positive identification.

CAUTION

Combustible mixture, keep away from heat and open flames. Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Do not use near heat or open flame. Keep out of reach of children. Read MSDS prior to use.

#6000 SPECIFICATION

Viscosity ASTM D-562	600 g @ 77°F (25°C) (5000 cps)
Recommended rate of application	See Application
% Solids by Volume	44 min
% Non-volatile	43 max
Initial Solar Reflectivity ASTM E-903	85% min
Aged Solar Reflectivity ASTM E-1918	70% min
Elongation	700% @ 77°F (25°C)
Flash Point (TCC)	+100°F (38.7°C)
Container Sizes	5, 55

Lucas #6000 meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code 18-13-303.2.1.

Information contained in this bulletin is offered gratis on the basis of our field experience and laboratory tests conducted carefully by using modern equipment verified for accuracy. No warranty is expressed or implied beyond the purchase price of the material. We suggest that the user evaluate the products suitability for a particular use prior to application. We reserve the right to improve, change, or discontinue specifications and products without prior notice.