



LUCAS *Coatings & Mastics for the Roofing Trade*

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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, Kynar®, concrete, TPO, Hypalon® (CSPE), PIB and EPDM roofs. 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. Before applying coating, close all fresh air intakes and other potential points of entry for solvent vapors into the building. 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 to 1 1/4 inch nap roller or suitable spray equipment. Apply successive coats at right angles when possible. Mix the coating thoroughly before application. For best results, maintain coating temperature at 50° 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 may result in poor adhesion and/or discoloration of the coating. For PVC roofs consult the manufacturer prior to use. Do not use over acrylic roof coatings.

BUR/ModBit (varies)	2.5 to 4 gallons per sq. applied in 2 coats 1.25 to 2 gal/sq each**
TPO/EPDM/CSPE	2.5 gallons per square applied in 2 coats 1.25 gal/sq each***
Metal (varies)	2.5 to 3 gallons per square applied in 2 coats 1.25 to 1.5 gal/sq ea.
Concrete	Prime with #5015 1/2 gal/sq 2.5 gallons per square / 2 Coats 1.25 gal/sq each

For fabric reinforced applications or other roof systems, consult the manufacturer. Typical rate of application with reinforcement is 5 gallons per 100 sq. ft. Granule surfaces may require 2 gallons per coat depending on the irregularity of the surface.



Lucas #6000 is ideal for EPDM seam restoration. Can go over cover tape. Available in black for seams only or white for full roof restoration as shown.



#6000 is available in custom colors to match failed factory finishes. #6000 in Energy Star White can be combined with custom colors to improve energy efficiency of less visible roof areas as with the EPDM roof on this resort.



Energy Star White on metal and asphalt BUR. One solution for multiple roof surfaces.

*Roof surfaces must be dry for coating application. Even when the surface appears dry, moisture trapped in the roof, deck or insulation. A moisture scan is recommended prior to application. In addition. Application of this coating within 5°F of the dew point is not recommended. For more information on dew point calculation, see rmlucas.com/FAQS.

**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 by 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

Certain PVC roofs may contain plasticizers that can soften #6000. Applicator is responsible for determining the type and manufacturer of the roof to be coated. If unsure of the type of roof system to be coated, consult R.M. Lucas Technical Dept. 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. 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.

#6000 SPECIFICATION

Viscosity ASTM D-562	600g @ 77°F (25°C) (12000 cps)
Recommended Rate of Application	See Application
% Solids by Volume	45 min.
% Non-volatile	59 max.
VOC	500 g/l max.
Initial Solar Reflectivity ASTM E-903	84%
Aged Solar Reflectivity ASTM E-1918	71%
Emissivity	.90
SRI	105
Elongation	700% @ 77°F (25°C)
Flash Point (TCC)	+100°F (38.7°C)
Container Sizes	1, 5, 55

Lucas #6000 meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code. This product is Florida Building Code Approved.



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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.

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