LUCAS Professional Coatings, Sealants & Adhesives
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#6000 UNIVERSAL™ THERMOPLASTIC ROOF COATING

PRODUCT DESCRIPTION

Lucas #6000 Universal™ Roof Coating is a solvent-based terpolymer coating intended for the repair and restoration of asphalt, modified bitumen, metal, Kynar®, TPO, Hypalon® (CSPE), PIB and EPDM roofs (Not recommended for any type of PVC roof). Extremely fast drying. Skins over in minutes and cures completely in a few hours. Won't wash off or pick up debris. #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. Clean the roof with Lucas #115 Roof Wash according to the directions. Failure to do so may result in poor adhesion and/or discoloration of the coating. Before applying any coating, close all fresh air intakes and other potential points of entry for solvent vapors into the building. Once the roof is completely dry, all penetration should be sealed with Lucas #6500 Universal Flashing Cement or Lucas #5500 Seam Sealer. For seams and fasteners on metal roofs use #5500. Lucas #6000 coating can be applied with a roller or suitable spray equipment. Mix the coating thoroughly before application. Apply successive coats at right angles when possible. For best results, maintain coating temperature at 50°F or higher. Roof temperature should be above freezing during the entire application process. Once applied, the coating is unaffected by temperature.

Allow a minimum of 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. Do not apply over acrylic or silicone roof coatings or existing polyurethane foam.

BUR/ModBit (varies)	3 to 4 gallons per sq. applied in 2 coats 1.5-2 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 1.25-1.5 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.

The preceding directions are basic guidelines only. Please read and understand the complete Lucas Guide Specification for this product for the intended application. The Guide Specification is available from techsupport@rmlucas.com

Clean Up: Tools and other equipment can be cleaned with mineral spirits. Take necessary precautions when handling combustible materials.

Storage: Keep from freezing. Keep out of direct sunlight. Do not heat or thin. Store between 40ºF and 95ºF. High temperatures and high humidity during storage will shorten the product's shelf life.

Shelf Life: Two years from the date of manufacture.

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

**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.

WARNING! COMBUSTIBLE LIQUID AND VAPOR. Contains petroleum distillates. Keep away from heat and open flames. Avoid prolonged contact with or inhalation of solvent fumes. A NIOSH approved respirator with organic vapor cartridges is recommended. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

#6000 SPECIFICATION

ASTM D 6083 (except solvent based)
US PATENT# 7858685

Viscosity	ASTM D 2196	10,000 cps
Solids by Weight	ASTM D 1644	57%
Solids by Volume	ASTM D 2697	45%
Weight Per Gallon	ASTM D 1147	9.9 lbs.
Wet Film Per Gallon	ASTM D4414	16 mils
Dry Film Per Gallon	SSPC-PA 2	7 mils
Tensile Strength	ASTM D 2370	1100 psi
Elongation	ASTM D 2370	700%
Permeability	ASTM D 1653	< 1 perm
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged 3 yrs	ASTM D 1549	.74
Emissivity	ASTM C 1371	.90
SRI	LEED	105
Flash Point	ASTM D 56	103°F / 39°C
VOC	EPA 24	< 550 g/l

Container Sizes: 1, 5, 55 gallon

Colors: White

This product is Florida Building Code approved. Other certifications:

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT AS SET FORTH BELOW, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THE GOODS HEREIN SOLD. THERE ARE NO OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

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.

NOTE: Some or all of the foregoing may not apply or may be invalid under the laws applicable to Buyer's purchase or claim. Consult local law to determine the applicability of any of the foregoing in the event of any defect or failure of this product.

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