



LUCAS Professional Coatings, Sealants & Adhesives

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#8000 100% SILICONE ROOF COATING HIGH SOLIDS

PRODUCT DESCRIPTION

100% silicone based Lucas #8000 is a single part roof coating that creates a barrier that is resistant to natural weathering, is durable, breathable, watertight and weatherproof. Lucas #8000 can be applied over spray applied polyurethane foam, EPDM, PVC, aged acrylic coatings, concrete, asphalt BUR, granulated modified bitumen, and metal roofs. Asphalt BUR, granulated modified bitumen, smooth modified bitumen and aluminum coated roofs may require Lucas #4015 2 Part Epoxy Primer for increased adhesion and/or asphalt bleed through resistance. On single-ply roofs, #4015 must also be used to increase long term adhesion in areas that retain water. #8000 may be applied to PVC with #4015. #8000 may be applied to TPO roofs with Lucas #8015 TPO Primer.

Lucas #8000 is manufactured from durable inorganic silicone resins, reinforcing and reflective pigments and silane adhesion promoters.

APPLICATION

Mechanically mix prior to application. Surface to be coated must be dry and free of dirt or corrosion particles. Clean with Lucas #115 Universal Wash. EPDM roofs in particular require aggressive power washing and may need to be cleaned twice to remove all surface contamination. Thoroughly rinse the roof after cleaning to remove all detergent. All seams, fasteners and penetrations should be sealed with silicone sealant. Apply a coat of #8000 at a rate of 1 gallon per 100 sq. ft. A second coat may be necessary. Allow coating to cure, typically 2 to 4 hours, then apply second coat at the rate of 1 gallon per 100 sq. ft. For best results, apply coating in a multi-directional fashion within 48 hours of application of the first coat. Use #8000 as it comes from the container, no thinning is necessary with this product. Roof temperature should be above freezing during application.

Light traffic deck systems and non-slip safety walkways may be constructed by topping the #8000 coating with durable and light weight Lucas #402 EPDM granules at the rate of 15 lbs. per square. Available in Gray and Safety Yellow for walkways.

This product cures through absorption of moisture from both the substrate and the air. Avoid entraining air when mixing. Cure time will be faster in humid conditions and on substrates that hold moisture such as concrete. Open and partially full containers will skin over quickly. If this occurs, remove the skin and continue using the remaining product.

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: Clean up with Lucas #901.

Shelf Life: Two years from the date of manufacture.

CAUTION: Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

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

#8000 SPECIFICATION

ASTM D 6694

Viscosity	ASTM D 2196	30,000 cps
Solids by Weight	ASTM D 1644*	98%
Solids by Volume	ASTM D 2697*	97%
Weight Per Gallon	ASTM D 1147	11.5 lbs.
Tensile Strength	ASTM D 2370	478 psi
Elongation	ASTM D 2370	235 %
Tear Strength	ASTM D 624	29 lbf/in
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged	ASTM D 1549	Pending
Emissivity	ASTM C 1371	.91
SRI	LEED	106
Flash Point	ASTM D 56	NA
VOC	EPA 24	< 25 g/l

Typical physical properties +/- 5%

Container Sizes: 1, 5, 55 gallon

Colors: White, Black, Gray, Tan



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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, Buyer's 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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