



# LUCAS Professional Coatings, Sealants & Adhesives

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## #1000WC ELASTOMERIC ROOF COATING POTABLE WATER CATCHMENT

For professional use only. Emergency phone number 1-800-424-9300.

### #1000WC SPECIFICATION

ASTM D 6083  
NSF 151 – Potable Water Catchment

#### PRODUCT DESCRIPTION

Lucas #1000WC Elastomeric Roof Coating is an elastomeric top coating intended for application to metal roofs & tanks, single-ply, built-up and modified bitumen roofs after application of a suitable Lucas #1000 series acrylic base coat. Lucas #1000WC is formulated specifically for durability and maintenance of a high degree of solar reflectivity. This prolongs roof service life and reduces interior building temperatures and associated cooling costs. This product has been tested and rated for potable water catchment per NSF Protocol 151.

#### 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.

When applied to areas that retain water more than 48 hours service life will be severely diminished and adhesion failure can be expected.

Apply with a roller or suitable spray equipment at the rate of 1.25 gallon per 100 sq. ft. Apply only over the appropriate gray Lucas base coating. Drying time to second coat @ 70°F is 2 to 4 hours.

Lucas #1000WC may be used for repair or complete restoration of single ply roofs when combined with polyester fabric reinforcement and a suitable base coating. For complete encapsulation of the roof, 40 inch widths of fabric should be embedded in 2 gallons per 100 sq. ft. of Lucas #1000 series base coating appropriate for that roof. For smaller repairs, cut widths of fabric are available. An additional two coats of #1000WC at 1.5 gallons per 100 sq. ft., totaling 3 gallons, should be applied to the top surface of the fabric after the first coat has dried.

PHONE

Alternately, Lucas #1000WC may be used to top coat polyester fabric that has been saturated with Lucas #1015 Acrylic Resin. Please read the Product Data Bulletin for Lucas #1015 for information on this complete system

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](mailto:techsupport@rmlucas.com)

Clean up: Soap and water (wet coating).

Shelf Life: One year from the date of manufacture

CAUTION: Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. Read SDS prior to use.

Viscosity	ASTM D 2196	60,000 cps
Solids by Weight	ASTM D 1644	63%
Solids by Volume	ASTM D 2697	51%
Weight per Gallon	ASTM D 1475	11.7 lbs.
Tensile Strength	ASTM D 2370	275 psi
Elongation	ASTM D 2370	240%
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged	ASTM D 1918	.66
Emissivity	ASTM C 1371	.88
SRI	LEED	105
Flash Point	ASTM D56	NA
VOC	EPA 24	18 g/l

Container Sizes: 5, 55, 275 gallon

Colors: White

Lucas #1000WC meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code. This product is Florida Building Code Approved. Meets following with 1000WC topcoat:



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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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