



#1000WC ELASTOMERIC ROOF COATING 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. 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 a second coat after the base coating has dried.

Number of Coats: 2-3

Maximum Field Use Dry Film Thickness (in mils): 30

Recoat Cure Time and Temperature: 12 hours at 25°C

Final Cure Time and Temperature: 30 days at 25°C

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: 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.

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

#1000WC SPECIFICATION

ASTM D 6083

NSF 151 – Potable Water Catchment

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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