



# LUCAS Professional Coatings, Sealants & Adhesives

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## #3300 E-FACTOR RADIANT BARRIER COATING WATER-BASED

### #3300 SPECIFICATION

#### PRODUCT DESCRIPTION

Lucas #3300 E-Factor Radiant Barrier Coating is a breathable, water-based, energy efficient coating intended for application to interior walls and the underside of roof sheathing in attics. Lucas E-Factor Radiant Barrier Coating has an extremely low infrared emissivity value. Emissivity is the percentage of absorbed heat energy that can be re-emitted as infrared radiation. Low emissivity surfaces will emit as little as 16% of the heat of most common building materials. That means that as much as 84% of the heat is prevented from entering the building and is re-emitted outside through the roof surface. This can translate to as much as 15% in energy savings.

When applied to the underside of a roof surface, #3300 will significantly cool the attic space increasing the efficiency of air conditioning systems. Less expensive and faster to install than sheet type barriers. Won't interfere with cell phone signals. Extremely permeable; will not promote mold or mildew like some foil barriers.

Lucas #3300 Low-E Radiant Barrier coating is manufactured from low-emitting metallic pigments, a clear resin binder and water. Keep from freezing.

#### APPLICATION

#3300 is supplied as a one component product in water. Mechanically mix before using. Do not store below 40° F. Apply only at temperatures above 40°F and rising with less than 90% humidity. Surface temperatures should be under 100°F to avoid premature curing. The surface must be clean. Apply #3300 with a brush, roller or suitable spray equipment at the rate of 300 to 400 ft. per gallon.

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

Viscosity	ASTM D 2196	50 cps
Solids by Weight	ASTM D 1644	25%
Solids by Volume	ASTM D 2697	10%
Weight per Gallon	ASTM D 1475	10.2 lbs.
Emissivity - Aluminum	ASTM C 1371	.16
Emissivity . Wood	ASTM C 1371	.17
Flash Point	ASTM D56	NA
VOC	EPA 24	< 10 g/l

Container Sizes: 5, 55, 275 gallon

Colors: Aluminum

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