



LUCAS Professional Coatings, Sealants & Adhesives

R.M. Lucas Co. 3211 S. Wood St. Chicago, IL 60608 (773) 523-4300 rmlucas.com

#648 ALUMINUM ROOF COATING 3 Lb. – NON-FIBRATED

PRODUCT DESCRIPTION

#648 Aluminum Roof Coating is designed to provide a reflective surface for roofs, metal buildings, tanks and mobile homes. Aluminum pigmented asphalt coatings can substantially reduce interior building temperature and prolong roof service life. If a heavy-bodied longer lasting coating is desired, refer to our #748 Aluminum Roof Coating - 3Lb. Fibrated or #637 Elastomeric Aluminum.

Lucas #648 Aluminum Roof Coating is formulated from specially refined asphalt, aromatic and aliphatic solvents, and 3 lbs. per gallon of ASTM D 962 leafing aluminum paste. Light brushing viscosity allows for quick and economical coverage.

APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. It will be helpful to turn the pails upside down 24 hours prior to application so that the settled aluminum releases from the bottom of the pail. Before mixing pour 50% of the liquid contents into a clean 5 gallon pail. All of the aluminum should remain in the original pail. Mix the aluminum into the liquid contents. When it is free of lumps, add back the liquid from the second pail and mix until uniform. Mechanically mix coating thoroughly and continuously before and during application. Power mixing is recommended, a square bladed drywall mud mixer and 1/2 inch drill is recommended for 5 gallon pails.

Apply evenly with a soft bristle brush or suitable spray equipment at the rate of not less than one half and not more than three quarters of a gallon per 100 square feet. For best results, brush coating in one direction with the slope of the roof. Do not apply over fresh roof repairs or coating. Roofing asphalts, both hot and cold applied, contain oily constituents which may bleed through and stain the finished coating. As this condition is unpredictable, we recommend that the user apply a small amount of #648 to the area of the roof to be coated in order to test its performance. Use #648 as it comes from the container, no thinning is necessary with this product.

Clean up: Clean up with Lucas #125 Safe Solve™.

Shelf Life: One year from the date of manufacture.

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

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.

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

#648 SPECIFICATION

ASTM D 2824 Type I

Viscosity	ASTM D 2196	150 cps
Solids by Weight	ASTM D 1644	56%
Solids by Volume	ASTM D 2697	53%
Weight Per Gallon	ASTM D 1147	8.3 lbs.
Reflectivity – Initial	ASTM C 1549	.66
Reflectivity – Aged	ASTM D 1918	.54
Emissivity	ASTM C 1371	.40
SRI	LEED	65
Flash Point	ASTM D 56	103°F / 39°C
VOC	EPA 24	< 400 g/l

Container Sizes: 5, 55 gallon

Colors: Aluminum



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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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