

LUCAS *Coatings & Mastics for the Roofing Trade*

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

PRODUCT DATA BULLETIN

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

PURPOSE

#648 3 Lb. Aluminum Roof Coating is designed to provide a reflective surface for roofs, metal buildings, and mobile homes. Aluminum pigmented asphalt coatings can substantially reduce interior building temperature and prolong roof service life.

PRODUCT DESCRIPTION

Lucas #648 3 Lb. Aluminum Roof Coating is formulated from specially refined asphalt, aliphatic solvents and 3 lbs. per gallon of ASTM D-962 leafing aluminum paste. Formulated to spread easily and evenly by brush or spray.

APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. Stir coating thoroughly and continuously before and during application. Power mixing is recommended. Apply evenly with a soft bristle brush, roller 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 should be allowed to cure thoroughly to avoid alligating and staining. 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 Lucas #125 Safe Solve.

CAUTION

Combustible mixture, keep away from heat and open flames. Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Do not use near heat or open flame. Keep out of reach of children. Read MSDS prior to use.

#648 SPECIFICATION

Applicable Specification	ASTM D-2824 Type I
Viscosity ASTM D-562	100g @ 77°F (25°C) (350 cps)
Recommended rate of application	.5 to .75 gal. per 100 sq. ft
% Asphalt	32 min
% Solids	45 min
% Non-volatile	52 max
Weight per gallon	9.0 lbs.
Initial Solar Reflectivity ASTM E-903	65% min
Aged Solar Reflectivity ASTM E-1918	50% min
Aluminum paste ASTM D-962	3 Lbs. per gallon
Flash point (TCC)	+100°F (38.7°C)
Container sizes	5, 55

Lucas #648 Aluminum Roof Coating meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code.



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