



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

#718 ALUMINUM ROOF COATING – 3.8 Lb. FIBRATED AF

PURPOSE

#718 3.8 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. #718 is a heavy bodied longer lasting coating that will outlast thinner non-fibered aluminum coatings.

PRODUCT DESCRIPTION

Lucas #718 3.8 Lb. Aluminum Roof Coating is formulated from specially refined asphalt, low odor aliphatic solvents, reinforcing non-asbestos fibers and 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 or suitable spray equipment at the rate of not less than one and not more than one and one-half gallons 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 #718 to the area of the roof to be coated in order to test its performance. Use #718 as it comes from the container, no thinning is necessary with this product. Clean up with mineral spirits and waterless hand cleaner.

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.

#718 SPECIFICATION

Applicable Specification	ASTM D-2824 Type III
Viscosity ASTM D-562	625g @ 77°F (25°C) (3,100 cps)
Recommended rate of application	1 to 1 1/2 gal. per 100 sq. ft
% Asphalt	32 min
% Solids	51 min
% Non-volatile	54 max
Weight per gallon	9.2 lbs.
Initial Solar Reflectivity ASTM E-903	70% min
Aged Solar Reflectivity ASTM E-1918	55% min
Aluminum Paste per gallon	3.8 Lbs.
Flash Point (TCC)	+100°F (38.7°C)
Container Sizes	5, 55

Lucas #718 Aluminum Roof Coating meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code 18-13-303.2.1.

Information contained in this bulletin is offered gratis on the basis of our field experience and laboratory tests conducted carefully by using modern equipment verified for accuracy. No warranty is expressed or implied beyond the purchase price of the material. We suggest that the user evaluate the products suitability for a particular use prior to application. We reserve the right to improve, change, or discontinue specifications and products without prior notice.