

# **LUCAS** *Coatings & Mastics for the Roofing Trade*

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

## **PRODUCT DATA BULLETIN**

### **#748 ALUMINUM ROOF COATING - 3 Lb. FIBRATED**

#### **PURPOSE**

#748 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. #748 is a heavy bodied longer lasting coating that will outlast thinner non-fibered aluminum coatings.

#### **PRODUCT DESCRIPTION**

Lucas #748 3 Lb. Aluminum Roof Coating is formulated from specially refined asphalt, aliphatic solvents, reinforcing non-asbestos fibers 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 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 #748 to the area of the roof to be coated in order to test its performance. Use #748 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.

## #748 SPECIFICATION

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Applicable Specification              | ASTM D-2824 Type III              |
| Viscosity ASTM D-562                  | 625g @ 77°F (25°C)<br>(3,100 cps) |
| Recommended rate of application       | 1 to 1 1/2 gal. per 100 sq. ft    |
| % Asphalt                             | 32 min                            |
| % Solids                              | 50 min                            |
| % Non-volatile                        | 54 max                            |
| Weight per gallon                     | 9.1 lbs.                          |
| Initial Solar Reflectivity ASTM E-903 | 70% 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 #748 Aluminum Roof Coating meets all requirements of the Urban Heat Islands Provision of the Chicago Energy Code.



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