



## APPLICATION TECHNIQUES - For Professional Use Only



### DESCRIPTION

ALCO Aluminum Non-Fibered Roof Coating 2# is a blend of refined asphalt, solvents and aluminum pigments. While not as brilliant as ALCO Alumagard, it is an effective coating where premium material is not required.

### USE

- Excellent over metal roofs
- Recommended for asphalt roofs and Modified Bitumen Membrane

### ADVANTAGES

- Economical top coat
- Easy application
- Lowers surface temperature of roof
- Turns away harmful UV rays
- 2# performance
- Ready to use from the container



### Full ALCO Warranty

Ask your sales representative or visit our Web site for complete details.



Made in USA

*ALCO Products offer installers a complete line of professional roof protection products.*

Your Second Line of Defense™

**800.323.0029 | [www.alco-products.com](http://www.alco-products.com)**



# Aluminum Roof Coating Non-Fibered 2#

## 214G2

### PREPARATION

The surface to be coated must be clean, completely dry and free of all dirt, dust and debris. Be sure that the roof to be coated is in good repair. All repairs must be done before aluminum coating application. Metal surfaces should be wire brushed and swept clean. This will ensure proper adhesion. In some cases, ALCO Primer may be advisable. Allow primer to dry for 24 hours before aluminum application. ALCO 24/7 Flashing Cement or Plastic Roof Cement can be used to repair flashing, blisters or voids.

### APPLICATION

Stir contents thoroughly to ensure complete dispersion of aluminum pigments. DO NOT THIN. Use directly from the container. Pour a little at a time and brush like any roof coating, brushing in one direction only. Over brushing causes some of the aluminum sheen to lessen, resulting in inferior reflective qualities. For best results, apply on a warm (60° F), sunny day with no rain in the forecast. The presence of moisture will create a rapid "browning out". The warm temperatures will soften the asphalt content and allow the aluminum pigments to rise to the surface for maximum reflectivity. New asphalt roof surfaces should weather a minimum of 90 days before applying aluminum roof coating. However, aluminum coating may be applied over ALCO emulsion roof coatings after curing (between 5 – 10 days) without staining.

### APPROXIMATE COVERAGE

Built Up	75 – 150 SF/Gallon
Metal	125 – 200 SF/Gallon
APP	75 – 100 SF/Gallon

### VOC

Not to Exceed: 500 g/L 4.0 Lbs/Gal  
FOR OUTDOOR USE ONLY  
DO NOT THIN THIS PRODUCT  
SECURE COVER WHEN NOT IN USE

### PACKAGING

4.75 Gallon Pail	36/Pallet
55 Gallon Drum	4/Pallet

### LIMITATIONS

- Do not use over wood
- Not compatible with roofs coated with Coal Tar
- For professional use only
- Will not adhere to wet or damp roof
- Do not use if rain is in the forecast
- On new, single-ply roofs, always check with the manufacturer of roofing system for compatibility with this product.
- Not recommended for ponded water

### PROPERTIES

Flash Point (ASTM D-93):	100° F. +
Weight per Gallon (Approximate):	8.4 Lbs
Viscosity @ 77° F (ASTM D-2824):	20 – 30 KU
Percent of Asphalt:	25% +
Percent of Metallic Aluminum Leafing Paste:	15% +
Percent of Total Solids, by Weight:	30% Minimum
Type of Aluminum Paste:	
TT-P-320-D, Type II:	Class 2
ASTM D-962, Type II:	Class C
Insoluble in CS <sub>2</sub> , Maximum % of NVM:	40%
Non-Volatile Matter (NVM):	40% Minimum
Film Thickness of 1 GAL/100 SF: (less absorption by surface)	1/64"
Reflectivity (ASTM Requirement):	50% +
Drying Time:	Overnight
Service Temperature:	-20° to 180° F.
Resistance to Solvents:	Poor
Resistance to Sunlight:	Excellent
Resistance to Chemicals:	Poor
Effect of Weathering:	Slow Erosion
Acid Rain & Corrosive Atmospheric Conditions will Discolor or Darken	
Resistance to Water:	
Under Good Drainage Conditions:	Excellent
Under Continuous Submersion:	Not Recommended

FOR FURTHER SAFETY INFORMATION SEE MSDS  
REGARDING THIS PRODUCT

### PRECAUTIONS

**Caution** Combustible - Contains Petroleum Distillates

**Hazard Rating:** Health – 1 Fire – 2 Reactivity – 0  
(0 = Least; 4 = Extreme)

NOTE: DO NOT THIN. DO NOT MIX WITH WATER, ACIDS OR ALKALIS

**Respiratory:** Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness. NIOSH/MSHA Respirators required if TLV is exceeded.

**Personal Protection:** Avoid prolonged or repeated contact with skin, which may cause irritation. Wear chemical resistant gloves. Do not get in eyes; wear protective goggles. Wear protective clothing if needed. Do not take internally.

**Fire Protection:** Keep away from heat, open flame and any source of ignition.

### FIRST AID

**Eye Contact** – Rinse immediately with water for 15 minutes and seek medical advice.

**Skin Contact** – Wash thoroughly with soap and water.

**Inhalation** – Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration; get medical attention and keep victim warm.

**Ingestion** – Do not induce vomiting. Get medical attention immediately.

**Waste Disposal** – Seal container when not in use. Empty containers must be disposed in an approved landfill in accordance with local, state and Federal regulations.

**KEEP OUT OF REACH OF CHILDREN!**

© Copyright 2012—2014 | ALCO SHIELD, ALCO 24/7 and the ALCO symbol are Trademarks of Alco Products, LLC. All rights reserved.

**Alco Products, LLC**

580 St. Jean  
Detroit, Michigan 48214

Online: [www.alco-products.com](http://www.alco-products.com)

Local: 313.823.7500

Fax: 313.331.4726

Toll Free: 800.323.0029

Email: [info@alco-products.com](mailto:info@alco-products.com)



Your Second Line of Defense™