

# AMERICAN COATINGS

## AK 2200 FIELD GRADE ALUMINUM

An oleoresinous high performance aluminum coating for field painting.

### GENERAL FEATURES

- EXCELLENT DURABILITY AND FLEXIBILITY
- EXCELLENT TANK PAINTING ALUMINUM
- EXTREMELY VERSATILE AND CAN BE USED OVER A WIDE VARIETY OF HEAVY DUTY PRIMERS
- A. I. M. COMPLIANT
- 3.7 LBS/GAL VOC

### DESCRIPTION

American Coatings AK 2200 is an oleoresinous aluminum that uses a maximum amount of aluminum to give superior brightness and durability.

### USES

American Coatings AK 2200 should be applied over properly primed surfaces. This product may be applied by conventional or airless spray and can also be brushed or rolled. Never apply directly over inorganic zinc or galvanized surfaces.

### PHYSICAL DATA

Finish ----- Brilliant  
Color ----- Aluminum  
Applied Over ----- Suitable Primer  
Components ----- One  
Cure ----- Air Dry  
Volume Solids  $\pm$  2% ----- 35%

### Recommended Dry Film

Thickness ----- 1.5 – 2.0 mils  
Number of Coats ----- Two  
Application Method ----- Generally Recommended  
Conventional or Airless  
Spray, Brush or Roller

Thinning Required ----- 10 – 15% TH 400 or TH 700  
Dry Time @ 77°F and 55% RH:  
Touch ----- 30 – 45 minutes  
Topcoat - ----- 8 – 10 hours

\*Theoretical Coverage at:  
Recommended Thickness ----- 491 – 368 sq. ft/gal

### Temperature Limit

Immersed ----- N/R  
Atmospheric ----- 200° F

### Miscellaneous Properties

Shelf Life ----- 1 year

### SURFACE PREPARATION

All surfaces must be clean, dry, and free of all contaminants including salt deposits. Surfaces should be primed before application of AK 2200. Primers recommended are as follows:

<u>Surface</u>	<u>Primer Recommended</u>
Old Coatings	AK 3550 or AK 3561
Galvanized Steel	WP 9521
Aluminum	WP 9521
Steel Surfaces	AK Heavy Duty Alkyd Primers

\* Coverage's are theoretical and do not make provision for spray losses

**AK 2200**

**APPLICATION INFORMATION**

Do not apply if temperatures are below 50°F or humidities above 85 percent.

**APPLICATION METHOD**

Spray, brush, or roll. Conventional spray recommended as being the most suitable method of application.

**MIXING**

Care should be taken to thoroughly mix the aluminum into the vehicle. Do not incorporate any moisture in the mixing process.

**CLEAN-UP AND THINNING**

Immediately wash all surfaces in contact with the coating using TH 700 or TH 400 Thinner. Use TH 400 for brush or roller application and TH 700 for spray application.

**SPRAY EQUIPMENT**

**FOR AIRLESS SPRAY**

Pump Ratio ----- 28:1  
Air Supply (in) ----- 100 psi  
Hose Diameter (ID) ----- 1/4"  
Hose Length ----- 100'  
Tip Size ----- .011 - .018"  
Atomization Pressure ----- 2,200 psi

**FOR CONVENTIONAL SPRAY**

Spray Pot Dual Regulation  
Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) ----- 100 psi  
Material Hose (ID) ----- 1/2"  
Material Hose Length ----- 50'  
Air Hose (ID) ----- 5/16"  
Fluid Pressure (psi) ----- 10 – 25 psi  
Fluid Tip Orifice Size (in) ----- .046"

**SAFETY INFORMATION**

**WARNING! FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION**

Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**SHIPPING DATA**

Proper Shipping Name ----- Paint Liquid  
Hazard Class----- Flammable Liquid  
Flash Pt. °F SETA ----- 66° F  
UN No.----- 1263

**PACKAGING**

Ones ----- Four 1 Gallon pails per box  
Fives ----- Five Gallon Container  
Drums ----- 55 Gallon Drum

**SHIPPING WEIGHT**

Ones ----- 8.75 lbs.  
Fives ----- 43.0 lbs.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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