

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.

Revised 3/30/11