

# AMERICAN COATINGS

## AK 2100 SHOP COAT ALUMINUM

A fast dry aluminum finishes suitable for shop application.

### GENERAL FEATURES

- FAST DRY PROPERTIES
- GOOD EXTERIOR DURABILITY
- CAN BE APPLIED BY SPRAY OR BRUSH
- LEAFING ALUMINUM

### DESCRIPTION

American Coatings AK 2100 Aluminum is formulated for shop application where fast dry properties are important.

### USES

American Coatings AK 2100 Aluminum finishes are suitable for both industrial and marine environments.

### PHYSICAL DATA

Finish ----- Brilliant  
Color ----- Various  
Applied Over ----- Properly prepared primed steel.  
Components ----- One  
Cure ----- Air Dry

Volume Solids  $\pm$  2% ----- 29 – 32 %

### Recommended Dry Film

Thickness ----- .75 – 1.0 mils  
Number of Coats ----- One  
Application Method ----- Conventional or  
Airless Spray

Thinning Required----- None

Dry Time @ 77°F and 50% RH:

Touch ----- 30 minutes  
Through ----- 2 – 4 hours  
Topcoat - ----- 24 hours

\*Theoretical Coverage at:

Recommended Thickness----- 684 – 465 sq. ft/gal

### Temperature Limit

Immersed ----- N/R  
Atmospheric ----- 175° F

### Miscellaneous Properties

Shelf Life ----- 1 year

### SURFACE PREPARATION

Surfaces should be free of dust, oils, moisture and other contaminants. AK 2100 products should be applied over properly primed steel.

\* Coverages are theoretical and do not make provision for spray losses

**AK 2100**

**APPLICATION INFORMATION**

Do not apply below 50° F or humidities above 85%.

**APPLICATION METHOD**

Conventional or Airless spray, brush or roller.  
For best leafing characteristics use conventional spray.

**MIXING**

Thoroughly mix to be assured that all settling has been eliminated and that a good homogeneous color exists.

**CLEAN-UP AND THINNING**

Clean all equipment with American Coatings TH 600 thinner. If thinning is necessary, thin with TH 600 or TH 620 up to 5%.

**SPRAY EQUIPMENT**

**FOR AIRLESS SPRAY**

Pump Ratio ----- 33:1  
Air Supply (in) ----- 65 – 70 psi  
Hose Diameter (ID) ----- 1/4”  
Hose Length ----- 100’  
Tip Size ----- .013 - .019  
Atomization Pressure ----- 2,150

**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  
Atomization Pressure (psi) ----- 45 – 60 psi  
Fluid Tip Orifice Size (in) ----- .046

**SAFETY INFORMATION**

**FOR PROFESSIONAL USE ONLY! 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.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous systems damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Follow all precautions. See product MSDS for more detailed information.

**SHIPPING DATA**

Proper Shipping Name ----- Paint Liquid  
Hazard Class ----- Flammable Liquid  
Flash Pt. °F SETA ----- 75° F  
UN No. ----- 1263

**PACKAGING**

**Shipping Wt.**

Ones ----- 7.6 lbs.  
Fives ----- 38 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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