

AMERICAN COATINGS

AKW 4 SERIES WATER REDUCIBLE ALKYD FINISH

A durable water reducible finish coat.

GENERAL FEATURES

- A. I. M. COMPLIANT
- LOW V. O. C.
- ADHERES TO A VARIETY OF SURFACES
- HIGH GLOSS
- THIN WITH WATER

DESCRIPTION

American Coatings AKW Series Alkyds are formulated where ease of application and good performance is required. AKW Series products are suitable in mild and moderate environments.

USES

American Coatings AKW Series Alkyds are used in product finishing and industrial maintenance.

PHYSICAL DATA

Finish ----- High Gloss
Color ----- Various
Components ----- One
Cure ----- Air Dry

Volume Solids \pm 2% ----- 35 – 39 %

Recommended Dry Film

Thickness ----- 1.0 – 1.5 mils
Number of Coats ----- One
Application Method ----- Conventional or Airless
spray, brush, or roll

Thinning Required

Brush ----- None
Roll ----- up to 10%

Dry Time @ 77°F and 50% RH:

Touch ----- 45 – 60 minutes
Through ----- 2 – 4 hours
Topcoat ----- 18 – 24 hours

*Theoretical Coverage at:

Recommended Thickness----- 600– 450 sq. ft/gal

Temperature Limit

Immersed ----- 160°F
Atmospheric ----- 200°F

Miscellaneous Properties

Shelf Life ----- 6 months

SURFACE PREPARATION

Surface should be free of dust, dirt, oil, moisture and other contaminants. AE Series products should be applied over properly prepared steel, galvanized and aluminum.

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

AKW Series

APPLICATION INFORMATION

Do not apply below 50°F and/or humidities above 85 percent.

APPLICATION METHOD

Conventional or Airless spray preferred. If it is necessary to apply by roller, consult your American Coatings Representative.

MIXING

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

CLEAN-UP AND THINNING

Clean

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Pump Ratio ----- 30:1
Air Supply (in) ----- 100 psi
Hose Diameter (ID) ----- 1/4"
Hose Length ----- 75'
Tip Size ----- .017 - .025
Atomization Pressure ----- 2,400

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 ----- 25 - 50
Air Hose (ID) ----- 5/16"
Fluid Pressure (psi) ----- 50 psi
Fluid Tip Orifice Size (in) ----- .086

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 ----- 98°F Part A
56°F Part B

UN No.----- 1263

PACKAGING

<u>Shipping Wt.</u>	<u>PART A</u>	<u>PART B</u>
	Ones 9 lbs.	Quarts 2 lbs.
	Fives 46 lbs.	Gallons 8.5 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. 3/30/11