



AMERICAN COATINGS

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

USES

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

PHYSICAL DATA

Finish ----- High Gloss
 Color ----- Various
 Components ----- One
 Cure ----- Air Dry
Volume Solids ± 2% ----- 25 – 30 %

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 ----- None
 Spray ----- up to 10 %

Dry Time @ 77°F and 50% RH:

Touch ----- 30 – 45 minutes
 Through ----- 2 – 4 hours
 Topcoat ----- 18 – 24 hours

*Theoretical Coverage at:

Recommended Thickness----- 300– 400 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. AW Series products should be applied over properly primed steel, galvanize and aluminum.

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



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APPLICATION INFORMATION

Do not apply below 50°F and/or humidities above 85 percent. Dry times can be influenced by film thickness and humidity. Films applied of 4 mils wet or greater will slow dry times.

APPLICATION METHOD

Conventional or Airless spray preferred.

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 water. If thinning is necessary, thin with water. However, with no more than 10%.

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

FOR PROFESSIONAL USE ONLY! WARNING! COMBUSTIBLE!

Keep away from sparks or flame.

See MSDS for specific safety information.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
Hazard Class----- Combustible Liquid

Flash Pt. °F SETA ----- > 100° F

UN No.----- 1263

PACKAGING

Shipping Wt.

Ones ----- 9.5 lbs.
Fives ----- 50 lbs.

Shipping weights are averaged; each color weighs slightly different.

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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