



# AMERICAN COATINGS

## AK HEAVY DUTY ALKYD PRIMERS

Special line of Alkyd Primers for moderate and severe environments.

### GENERAL FEATURES

- LOADED WITH EXCELLENT RUST INHIBITING PIGMENTS
- DURABLE MAINTENANCE PRIMERS
- CAN BE APPLIED OVER A BROAD RANGE OF STEEL SURFACES
- PRIMERS TO MEET HIGH QUALITY FEDERAL STANDARDS

Product Number	Type	Vol. Solids	Theoretical Coverage <sup>1</sup> @ 1 mil	Film Thickness	Touch Dry	Recoat	Dry Hard	Thinner		Comments	Wt./ Gal <sup>2</sup>	Package Size
								Brush	Spray			
AK 3190	Iron Oxide	43%	689 sq. ft.	2 mils	15 – 45 min.	8 hours	8 –10 hours	TH400	TH700	Red Meets TTP-636	10.5 lbs.	Ones & Fives
AK 3545	Zinc Phosphate Zinc Oxide	55%	882 sq. ft.	2 mils	4 – 6 hours	24 hours	72 hours	TH400	TH700	AIM Compliant Long Oil	10.6 lbs.	Ones & Fives
AK 3565	Iron Oxide	55%	882 sq. ft.	2 mils	4 – 6 hours	24 hours	72 hours	TH400	TH700	AIM Compliant Long Oil	10.6 lbs.	Ones & Fives

<sup>1</sup>Theoretical coverage – no provision is made for spray losses.

<sup>2</sup>Weights do not include containers.

### DESCRIPTION

American Coatings AK Series Heavy Duty Alkyd Primers are formulated with high performance rust inhibitive pigments and long oil and/or medium oil vehicles. Excellent penetration is achieved into the steel surface due to the slow dry characteristics of these products.



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American Coatings AK Series Heavy Duty Alkyd Primers are formulated for maintenance or new construction use in moderate to severe environments. These primers have good brushing, as well as good spraying characteristics. These AK Primers give excellent system performance when topcoated with alkyd or silicone alkyd finishes and have proven in 20 + years of past use.

## AK Heavy Duty Primers

### SURFACE PREPARATION

Preferred ----- Commercial Sandblast  
(SSPC-SP6-63) (Sa2)  
Minimum ----- Power Tool or Hand Clean  
(SSPC-SP3-63/SSPC-SP2-63)

### APPLICATION INFORMATION

Do not apply if temperature is below 50° F and/or humidities above 85%.

### APPLICATION METHOD

Conventional or Airless Spray, Brush, or Roller.

### MIXING

Care should be taken to thoroughly mix material with a mechanical agitator. Partial 55-gallon drums should have skins removed before mixing.

### SPRAY EQUIPMENT FOR AIRLESS SPRAY

Pump Ratio ----- 30:1  
Air Supply Inbound ----- 100 psi  
Hose Diameter (ID) ----- 1/4 “  
Hose Length (max) ----- 100’  
Tip Size ----- .013 – .021  
Atomization Pressure (psi) ----- 2,200

### SPRAY EQUIPMENT CONT.

#### FOR CONVENTIONAL SPRAY

Spray Pot Dual Regulated  
Separate Gauges for Pot and Atomizing Air

Air Supply ----- 100 psi  
Material Hose (ID) ----- 1/2”  
Material Hose Length (max) ----- 50’  
Air Hose (ID) ----- 5/16”  
Fluid Pressure (psi) ----- 10 – 20 psi  
Atomization Pressure (psi) ----- 45 – 60 psi  
Fluid Tip Orifice Size (in) ----- .046

### SAFETY INFORMATION

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

Keep away from heat, sparks, and flames. 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.

### PACKAGING

See Front for information.

#### 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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