



# AMERICAN COATINGS

## AK 3550 & AK 3561 ALL PURPOSE PRIMER

Rust inhibitive all-purpose primers compatible with a wide variety of generic topcoats.

### GENERAL FEATURES

- CAN BE USED FOR UPGRADING OLD EXISTING SYSTEMS
- CAN BE OVERCOATED WITH MANY GENERIC FINISHES
- CAN BE USED TO TIE IN DIFFERENT GENERIC COATINGS
- FAST DRYING
- EXCELLENT APPLICATION PROPERTIES

### DESCRIPTION

American Coatings AK Series All-Purpose Primers are fast drying versatile primers. These primers are phenolic modified and are compatible with other types of generic coatings.

### USES

American Coatings AK Series All Purpose Primers may be applied over steel or other generic coatings such as alkyds, acrylic's, inorganic zinc's, silicone alkyds, epoxies esters, epoxies, polyurethane's, phenolics, or chlorinated rubbers. The above coatings may be also applied over the AK All-Purpose Primers. The AK All-Purpose Primers provide a reasonable way of either upgrading an existing old coating system, tying in a permanent type primer with a brush applied finish coat, or elimination of bubbling of a finish coat over inorganic zinc.

Do not apply vinyl's over AK All-Purpose Primers or apply all-purpose primers over concrete surfaces.

### PHYSICAL DATA

Finish ----- Flat  
 Color (AK 3550) ----- Red  
 Color (AK 3561) ----- Gray  
 Applied Over ----- Sandblasted steel surface  
 Components ----- One  
 Cure ----- Air Dry

Volume Solids ± 2% ----- 38%

### Recommended Dry Film

Thickness ----- 1.0 – 1.5 mils  
 Number of Coats ----- One  
 Application Method ----- Conventional or Airless  
 Spray, Brush, or Roll

Thinning Required----- 10 – 15% TH 600

Dry Time @ 77°F and 50% RH:

Touch ----- 10 – 15 minutes  
 Through ----- 1 – 2 hours  
 Topcoat ----- 2 – 4 hours

\*Theoretical Coverage at:

Recommended Thickness----- 609 – 406 sq. ft/gal

### Temperature Limit

Immersed ----- N/R  
 Atmospheric ----- 150° F

### Miscellaneous Properties

Shelf Life ----- 1 year  
 VOC ----- 4.4 #/gal.

### SURFACE PREPARATION

#### Preferred:

Commercial Sandblast (SSPC-SP6-63) (Sa2)

#### Upgrading:

All Surfaces should be free of chalk, dirt, grease, or oil.

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



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## APPLICATION INFORMATION

Do not apply if temperatures are below 50° F or humidities above 85 percent.

## APPLICATION METHOD

Conventional spray, or Airless spray preferred. Can be applied by brush or roller also.

## MIXING

Thoroughly mix with a mechanical agitator before using to disperse pigment and dryers.

## CLEAN-UP AND THINNING

Clean up all equipment with American Coatings TH 600 thinner after use. Thin as required with TH 600.

## SPRAY EQUIPMENT

### **FOR AIRLESS SPRAY**

Pump Ratio ----- 28:1  
Air Supply (in) ----- 100 psi  
Hose Diameter (ID) ----- 1/4"  
Hose Length ----- 100'  
Tip Size (in) ----- .013 - .021"  
Atomization Pressure (psi) ----- 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 – 75'  
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 or 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.

## SHIPPING DATA

Proper Shipping Name ----- Paint Liquid  
Hazard Class----- Flammable Liquid  
  
Flash Pt. °F SETA ----- 81° F  
  
UN No.----- 1263

## PACKAGING

<u>Shipping Wt.</u>	<u>Ones</u>	<u>Fives</u>
	11 lbs. avg.	58 lbs. avg.

#### DISCLAIMER

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