

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 \pm 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

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

All Purpose Primers

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

Shipping Wt. Ones Fives
11 lbs. avg. 58 lbs. avg.

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.