

AMERICAN COATINGS

WB91 WATERBASED WASH PRIMER

A waterbase etch primer for preparing coating special steel and paint surfaces. WB91 Primer can be a first step for coating galvanized and aluminum surfaces.

GENERAL FEATURES

- ONE COMPONENT
- LOW ODOR
- FAST DRYING
- LOW VOC (0.45 LBS/GAL)
- COMPATIBLE WITH A VARIETY OF TOPCOATS
- EXCELLENT ADHESION TO GALVANIZED OR ALUMINUM SURFACES
- A TIE COAT APPLIED OVER ZINC PRIMERS

DESCRIPTION

American WP91 Waterbased Wash Primer is an acid etch primer which gives an excellent bond to otherwise hard to coat surfaces.

USES

American Coatings' WB91 Waterbased Wash Primer can be top-coated with a variety of finishes to include, American Coatings alkyds, epoxies, polyurethanes, acrylics and silicone alkyds. Use as a primer over aluminum or galvanized surfaces and as a tie coat applied over inorganic zinc.

PHYSICAL DATA

Gloss ----- Low
Color -----Yellow- Green
Applied Over ----- Steel, Galvanized, Aluminum
Components -----One
Cure ----- Air Dry

Volume Solids -----36%

Recommended Dry Film

Thickness ----- 0.7 – 1.0 mils
Number of Coats ----- One
Application Method ----- Conventional or Airless Spray

Thinning Required----- None

Dry Time @ 77°F and 50% relative humidity.

Touch -----15 minutes
Through ----- 30 minutes
Topcoat -----1 hour

***Theoretical Coverage at:**

Recommended Thickness ----- 825 – 385 sq. ft/gal.

Temperature Limit

Immersed ----- NR
Atmospheric ----- 150°F

Miscellaneous Properties

Shelf life ----- 6 months

SURFACE PREPARATION:

Galvanize or Aluminum: Apply over surfaces that are free of moisture, dirt, oil, or grease.

*Theoretical Coverage: no provision for spray loss

WB 91

STORAGE

Store material in a cool, dry and covered location between 45°F and 90°F (7°C and 32°C), away from direct sunlight. Product **must be protected from freezing**. Shelf life is 6 months from date of manufacture at 70F (21C).

APPLICATION INFORMATION

Do not apply at temperatures if below 50° and/or above 85% relative humidity.

APPLICATION METHOD

Conventional or Airless spray.

MIXING

Stir thoroughly.

CLEAN-UP AND THINNING

Clean with TH 311 thinner. Thin with clean water.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Pump Ratio -----28:1
Airless Supply Feed ----- 100 psi
Hose Diameter (ID) -----1/4”
Hose Length ----- 100’
Tip Size (in) ----- .013-.015
Atomization Pressure (psi) -----2,200

FOR CONVENTIONAL SPRAY

Spray Pot Dual Regulation
Air Supply W/Moisture Trap
Air Supply -----100 psi
Material Hose (ID) -----1/2”
Material Hose Length (max)-----50’
Air Hose (ID) ----- 5/16”
Fluid Pressure (psi) ----- 10 – 25 psi
Atomization Pressure (psi) ----- 45 – 60 psi
Fluid Tip Orifice Size (in.) ----- .046
Dual Regulated Pot

Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) ----- 100 psi
Material Hose (ID) -----1/2”
Material Hose Length ----- 50’
Air Hose (ID) ----- 5/16”
Fluid Pressure (psi) ----- 10 – 25 psi
Atomization Pressure (psi) ----- 45 – 60 psi
Fluid Tip Orifice Size (in) ----- .

SAFETY INFORMATION

WARNING COMBUSTIBLE, 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 of 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-----Combustible Liquid Class III B
Flash Pt. °F SETA -----→200°F

Shipping Wt. Part A
 Ones 13.0 lbs
 Fives 63.0 lbs.

UN No. ----- 1263

PACKAGING

One’s, Five’s and Drums.

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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