



# AMERICAN COATINGS

## WX 8301 WATERBASE EPOXY PRIMER / FINISHES

A high performance, high build water based epoxy, comparable to solvent epoxy.

### GENERAL FEATURES

- VERY LOW VOC
- CAN BE USED AS PRIMER AND/OR FINISH
- USED FOR UPGRADING OLD PAINT SYSTEMS OR TYING TWO DIFFERENT PAINT SYSTEMS TOGETHER
- CHEMICAL AND CORROSION RESISTANT
- EXCELLENT MAINTENANCE COATING
- CAN BE TOPCOATED WITH ALKYD ENAMELS

### DESCRIPTION

This coating is designed to be applied over marginally prepared steel surfaces where it is not possible to abrasive blast. It may be applied over old and aged coating systems that have been hand-prepared, and are free of oil, contaminants and loose paint flakes. This coating can be topcoated after 24 hours with alkyds, epoxies or polyurethanes. WX8301 can be applied over slightly rusty or damp surfaces. Suitable for most industrial applications.

### USES

American WX 8301 Epoxy can be overcoated with epoxies, polyurthanes, silicone alkyds, or acrylics, and serve as primer/finishes themselves. WX 8301 is an excellent primer after water blasting operations.

### NOTE:

Follow good paint practices by removing dirt, chalk, and other foreign matter if aged over seven days before topcoating.

### PHYSICAL DATA

Finish -----Semi-Gloss  
 Color -----Various  
 Applied Over ----- Steel, Aluminum  
 Components ----- Two  
 Cure ----- Catalytic 4:1 ratio

Volume Solids ± 2% ----- 40%  
 VOC -----0.95 lbs/gal

### Recommended Dry Film

Thickness ----- 4 – 6 mils  
 Number of Coats ----- One  
 Application Method ----- Conventional or Airless Spray  
 Brush or Roller

Thinning Required----- 0 – 5% for Conventional Spray

Dry Time @ 77° F and 50% RH:

Touch -----1 hour  
 Through -----2 hours  
 Topcoat -----24 hours

\*Theoretical Coverage at:

Recommended Thickness----- 160 – 107 sq. ft/gal

### Temperature Limit

Immersed ----- N/R  
 Atmospheric ----- 180° F

### Miscellaneous Properties

Shelf Life ----- 1 year  
 Pot Life – Mixed @ 77° F----- 2 1/2 hours  
 Mixed @ 90° F ----- 1 hour

\*Note Pot Life is indefinite.

### SURFACE PREPARATION

Surfaces should be free of dust, dirt, oils, moisture and other contaminants.

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



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### APPLICATION INFORMATION

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

### APPLICATION METHOD

Airless spray preferred, but can be brushed, rolled, or sprayed with conventional equipment.

### MIXING

Thoroughly mix Part A with Part B at a 4:1 ratio taking care to get good color consistency. There is no induction time.

### CLEAN-UP AND THINNING

Clean all equipment immediately with water. If thinning is necessary thin with water.

### SPRAY EQUIPMENT

#### **FOR AIRLESS SPRAY**

Pump Ratio ----- 33:1  
 Air Supply (in) ----- 75 – 80 psi  
 Hose Diameter (ID) ----- 3/8”  
 Hose Length ----- 100’  
 Tip Size ----- .011 - .017  
 Atomization Pressure ----- 2,475

#### **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’  
 Air Hose (ID) ----- 5/16”  
 Fluid Pressure (psi) ----- 10 –25 psi  
 Fluid Tip Orifice Size (in) ----- .071

### SAFETY INFORMATION

#### **FOR PROFESSIONAL USE ONLY! WARNING! COMBUSTIBLE!**

Keep away from sparks or flame. 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----- Part A: Combustible Liquid  
 Part B: Combustible Liquid

Flash Pt. °F SETA ----->165° F Part A  
 > 250° F Part B

UN No.----- 1263

### PACKAGING

Shipping Wt.	<u>PART A</u>	<u>PART B</u>
	Ones 12.3 lbs.	Ones 10.2 lbs.
	Fives 61.1 lbs.	

#### DISCLAIMER

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