

# AMERICAN COATINGS

## EX SERIES EPOXY FINISHES

Excellent two component polyamide finishes for moderate and severe environments.

### GENERAL FEATURES

- MAXIMUM PROTECTION IN SEVERE ENVIRONMENTS
- GOOD ABRASIVE RESISTANCE
- GOOD TANK LINING SYSTEM
- EXCELLENT FLEXIBILITY

### DESCRIPTION

American Coatings EX Series Finishes are polyamide epoxy finishes having good initial gloss characteristics. EX Series Finishes are excellent in severe environments because of their low PVC.

### USES

American Coatings EX Series Finishes are used for coating piping, tanks, docks, vessels, offshore platforms, etc. The EX Series has excellent resistance to a wide range of chemicals. See your American Coatings representative for further information.

**NOTE:** EX Series Epoxies tend to chalk slightly in about 6 months of exterior exposure. This gives excellent self-cleaning properties.

\*Made to order requires a 50 gallon minimum order.

### PHYSICAL DATA

Finish ----- Gloss  
Color ----- Various  
Applied Over ----- Properly primed steel, galvanize, aluminum, cement  
Components ----- Two  
Cure ----- Catalytic 4:1  
**Volume Solids ± 2 %** ----- 61%  
**Recommended Dry Film Thickness** ----- 2 – 3 mils  
Number of Coats ----- One  
Application Method ----- Conventional or Airless spray, brush or roller  
**Thinning Required**----- 10 – 15% TH 760  
Dry Time @ 77°F and 50% RH:  
Touch ----- 1 – 2 hours  
Through ----- 6 – 8 hours  
Topcoat - ----- 12 – 18 hours  
\*Theoretical Coverage at:  
Recommended Thickness----- 489 – 326 sq. ft/gal  
**Temperature Limit**  
Immersed ----- 175°F  
Atmospheric ----- 225°F  
**Miscellaneous Properties**  
Shelf Life ----- 1 year  
Pot Life – Mixed @ 77 °F----- 6 – 8 hours

### SURFACE PREPARATION

Apply over properly primed steel, galvanize, aluminum, or concrete. Surfaces should be free of dirt, dust, oil, or grease.

#### Substrate

Steel

Aluminum

Galvanize

Masonry Surface

#### Primer

RL, EX, or EM Primers

WP 9520

WP 9520

Chemical clean with TH 950 or sandblast. No primer needed. Thin first coat 50% to seal the surface.

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

**EX Series**

**APPLICATION INFORMATION**

Do not apply at temperatures below 40° F of humidities over 85%.

**APPLICATION METHOD**

Conventional or Airless spray preferred. Brush or roller application acceptable.

**MIXING**

Mix 4 parts of Part A to 1 part of Part B, EXP Catalyst. Allow an induction time of 30 minutes before application.

**CLEAN-UP AND THINNING**

Clean up and thin with American Coatings TH 315 or TH 790 thinner. Thin with TH 760 epoxy thinner.

**SPRAY EQUIPMENT**

**FOR AIRLESS SPRAY**

Pump Ratio ----- 30:1  
Air Supply (in) ----- 100 psi  
Hose Diameter (ID) ----- 1/4"  
Hose Length ----- 100'  
Tip Size ----- .013 - .021  
Atomization Pressure ----- 2,400

**FOR CONVENTIONAL SPRAY**

Spray Pot Dual Regulation  
Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) ----- 100 psi  
Material Hose (ID) ----- 1/4"  
Material Hose Length ----- 50'  
Air Hose (ID) ----- 5/16"  
Fluid Pressure (psi) ----- 10 – 25 psi  
Atomization Pressure (psi) ----- 50 – 75 psi  
Fluid Tip Orifice Size (in) ----- .070

**SAFETY INFORMATION**

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

Keep away from heat, 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----- Flammable Liquid  
Flash Pt. °F SETA ----- 80°F Part A  
45°F Part B  
UN No.----- 1263

**PACKAGING**

<u>Shipping Wt.</u>	<u>PART A</u>	<u>PART B</u>
	Ones 11.8 lbs.	Quarts 2 lbs.
	Fives 48.2 lbs.	Gallons 8.5 lbs.

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.

