

AMERICAN COATINGS

AZ84 S LIQUID GALVANIZE BRIGHT

Excellent primer/finish for repair of damaged galvanized surfaces.

GENERAL FEATURES

- RAPID CURE
- PROVIDES SACRIFICIAL ZINC GALVANIC PROTECTION
- EXCELLENT THREAD SEALANT
- EXCELLENT FOR GALVANIZE REPAIR
- MINIMAL SURFACE PREPARATION

DESCRIPTION

American Coatings AZ84 S is an organic zinc coating that protects steel galvanically. American Coatings AZ84 S can be applied to the recommended thickness in one coat. AZ84 S is rubber-based zinc/aluminum with a color to simulate hot dipped galvanize. American Coatings AZ84 S can be sprayed or brushed.

USES

American Coatings AZ84 S can be used as a full primer for non galvanized steel or for touch up of galvanized surfaces. American Coatings AZ84 S makes an excellent coating for pipe threads, touch-up of welds, or damage on galvanized metal.

PHYSICAL DATA

Finish ----- Semi – Gloss
Color ----- Aluminum
(Simulates Galvanize)
Applied Over ----- Steel, or Galvanized Surfaces
Components ----- One
Cure ----- Solvent Release
Volume Solids ± 2% ----- 32%
Recommended Dry Film Thickness ----- 1 – 2 mils
Number of Coats ----- One
Application Method ----- Brush or
Conventional, Airless Spray.
Thinning Required----- 10 – 20% TH 600
Dry Time @ 77°F and 50% RH:
Touch ----- 15 – 30 minutes
Through ----- 4 – 6 hours
Topcoat - ----- 8 – 12 hours

*Theoretical Coverage at:
Recommended Thickness----- 514 sq. ft/gal

Temperature Limit

Immersed ----- Not Recommended
Atmospheric ----- 175° F

Miscellaneous Properties

% Zinc in the Dried Film
By Weight ----- 70%
Shelf Life ----- 1 year

SURFACE PREPARATION

Steel Surfaces:

Preferred-Brush off Blast (SSPC-SP7-63) (Sa1)

Minimum:

Hand Clean (SSPC-SP2-63) (Sa2) or
Power Tool Clean (SSPC-SP3-63) (Sa3)

Galvanized Steel:

Apply AZ84 S over new noncontaminated galvanized surfaces without any special surface preparation. Acidic weld areas should be neutralized before application

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

AZ84 S

APPLICATION INFORMATION

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

APPLICATION METHOD

Brush, Airless, or Conventional Spray. If spraying, apply an even wet coat, using a crosshatch technique to ensure uniform coverage.

MIXING

Mix slowly using hand or mechanical agitation.

CLEAN-UP AND THINNING

Clean all equipment with American Coatings TH 600 or TH 620 Thinner immediately after use. AZ84 S may require up to 20% reduction.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Use a 3.8" ID Material Hose
Suppliers -----Graco, DeVilbiss, Speed Flo
Fluid Pump ----- 30:1
Fluid Orifice Size, (in) ----- .013 - .021
Approximate Fluid Pressure (psi) ----- 2,200

FOR CONVENTIONAL SPRAY

<u>Supplier</u>	<u>Fluid Tip</u>	<u>Fluid Needle</u>	<u>Air Cap</u>
De Vilbiss	AV-601-E	MBC-444-E	AV-1239-2 AV-40-24
Binks # 18	66	65	66PA

Air Atomization and Pot Pressure:
Air to Gun ----- 60 – 70 psi
Air to Pot ----- 10 – 20 psi
Pot should be equipped with a mechanical agitator.

SAFETY INFORMATION

WARNING! FLAMMABLE

American Coatings AZ84 S is flammable. Keep away from heat, sparks or open flames. Avoid prolonged contact with skin and breathing of vapors or spray mist. Use with adequate ventilation. Use of filter type respirator is recommended.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
Hazard Class----- Flammable Liquid

Flash Pt. °F SETA ----- 90° F

UN No.----- 1263

SHIPPING WEIGHT

1 Gallon -----12.92 lbs.
1 Quart ----- 3.23 lbs.

PACKAGING

1 Gallon ----- 4 one gallon cans per case
1 Quart ----- 6 one quart cans per case

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.