

# CAT-O-ZINC PRIMER, HIGH SOLIDS #93A & #93B



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## **PRODUCT PROFILE**

### General Description

A high solids, low V.O.C., inorganic zinc-rich primer providing excellent protection from severe environment and exposures. This is a solvent-based inorganic ethyl polysilicate/ 100% zinc catalyst system.

### Common Usage

This primer is widely used in carefully engineered systems, maintenance-free life expectancy of up to twenty years.

### Color

Zinc Gray

### Finish

Flat

## **COATING SYSTEMS**

### Finish Coats

This product is not recommended for immersion in acids, alkalis, or chlorinated hydrocarbons without resistant top coat. Suitable intermediates and topcoats include epoxies, waterbornes, urethanes, acrylics, and silicones. Consult your Anchor representative for specific job recommendations.

## **SURFACE PREPARATION**

For immersion and non-immersion surfaces, the surface should be sandblasted in accordance with SSPC-SP10 near white metal blast. Remove all flux and scab from welding. Grind smooth all rough welds and sharp edges. Remove any grease, oil or dirt with solvent prior to blasting. The surface should be coated as soon as possible after sandblast.

## **TECHNICAL DATA**

### Solids % of Mixed Material

Cat-O-Zinc 93A&B

Percent Total Zinc in Dry Film

### By Weight

88%

90%

### By Volume

54%

66%

### Recommended Thickness

2-3 mils dry.

### Drying Time

#### Temperature

75 F / 55% R.H.

#### To Touch

4 hours

#### To Recoat

48 hours

(Cooler temperatures and higher humidity will lengthen drying time)

### Architectural and Industrial Maintenance Category

Metallic Pigmented

### Maximum Allowable V.O.C.

4.2 lbs./gal. (500 g/l)

### Actual V.O.C.

3.2 lbs./gal. (384 g/l)

### Theoretical Coverage

289 sq. ft./ gallon @ 3 mils dry, assuming no application loss. Coverage will vary depending on surface texture and application technique.

### Packaging

Supplied in a .75 gallon kit for easier handling. Available in 5 gallon pails and 1 gallon cans.

<u>Storage Temperature</u>	Minimum 20 F	Maximum 110F		
<u>Chemical Resistance</u>	<u>Water</u>	Excellent	<u>Alkalis</u>	Not recommended for immersion
	<u>Solvents</u>	Excellent	<u>Acids</u>	Not recommended for immersion
<u>Heat Resistance</u>	Up to 750 F			
<u>Health &amp; Safety</u>	Refer to the product label itself and your Anchor representative concerning a Material Safety Data Sheet for complete information on this product.			
<u>Mix Ratio</u>	One part 93A to one part 93B			
<u>Pot Life</u>	4-6 Hours (Keep cool and agitated)			

**APPLICATION**

<u>Coverage Rates Per Coat</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Sq.Ft./ Gal.</u>
<u>Suggested</u>	2.5	4.6	346
<u>Minimum</u>	2	3.7	433
<u>Maximum</u>	3	5.6	289

Mixing Always mix Zinc Dust into liquid. Hand or mechanically agitate being careful not to mix so fast that air is entrapped. Strain the mixture and place into a mechanically agitated pot.

Surface Temperature Minimum 40 F Maximum 90 F  
The surface should be dry and the relative humidity should be 40-90%.

Application Equipment Airless Spray Not recommended for Zinc-Rich applications due to excessive wear on pump and gun. If mandatory, use a Graco 28:1 pump, reverse-a-clean tip with .017-.021 orifice and an agitated material pot.

Conventional Spray Air Hose 5/16" I.D. for Air, 1/2" I.D. for Material  
Spray Gun Binks #18 Gun- 67PD Air Cap 66 Nozzle  
Devilbiss MBC Gun- AV-15-E Fluid Tip  
MBC-444-E Needle, #704 or #64 Air Cap  
Use 25' hoses from pot for best results.

Cleanup Use Anchor #J-32 or #J-1131 solvent.

Application Considerations Spray preferred. Spray pot should be on the same level or higher than the gun. If application is delayed 10 or more minutes, clear the liquid hose. A mist coat is recommended when topcoating to minimize bubbling.

**LIMITED WARRANTY**

The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.