



Product Data Sheet

Zinc Dust Primer - 1716

Product Description

A low VOC single component organic zinc rich primer

Where to Use

Applicable on properly prepared steel surfaces or for touch-up on welded or riveted areas

Product Characteristics

Color Gray

Gloss Flat

Architectural and Industrial Maintenance Category Metallic Pigmented

<u>Drying Time</u>	Temperature	To Touch	To Recoat
	75°F / 55% R.H.	2 Hours	24 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation Under no circumstances should this material be applied over oily or greasy surfaces. At minimum, cleaning should be accomplished by mechanical hand cleaning to meet SSPC-SP1 or light sandblasting to meet SSPC-SP7. Sandblasting will not clean oil and grease. Do not clean oily surfaces with thinner as this will merely smear the oil. A detergent wash and thorough rinse is necessary to properly remove dirt and oil.

Finish Coats Suitable topcoats include alkyds, modified alkyds, waterbornes and epoxies with proper intermediate coat. Do not apply epoxies, vinyls, or other coatings containing strong solvents such as aromatics or ketones directly on this coating. Each service environment may require a specific coating system or combination of Anchor products. Consult your Anchor representative for specific job recommendations.

Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This coating is VOC compliant, thin only if necessary with Anchor #J1131 for spray applications or #J1112 for brush or roller if permitted by federal, state, and local regulations.

Surface Temperature Minimum 40°F, Maximum 110°F - The surface should be dry and the relative humidity should be no greater than 85%.

Recommended Thickness 1.8-2.4 mils minimum dry

Theoretical Coverage 852 ft²/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the color, application technique, porosity and design of the substrate.

<u>Coverage Rates per Coat</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft²/gal</u>
	<u>Suggested</u>	2.1	4.0
<u>Minimum</u>	1.8	3.4	474
<u>Maximum</u>	2.4	4.5	355

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	2100-3000 psi
			Tip
	<u>Conventional Spray</u>	Air Pressure	40-60 psi
		Fluid Pressure	10-20 psi

Application Considerations Ensure that the coating is uniformly applied with particular care afforded to edges, angles, and corners. On a derusted surface, the application of a dry film thickness of at least 2 mils is recommended. With any oxidative coating, faster dry time may be obtained with increased air movement and/or higher substrate or material temperature. Coverage will vary depending on surface texture and application technique.

Technical Information

Solids by Volume 53.14%

AIM Category VOC Limit 4.2 lb/gal (500 g/l)

Technical Information Continued

<u>Actual VOC</u>	3.09 lb/gal (370 g/l)		
<u>Density</u>	15.79 lb/gal (1892 g/l)		
<u>Percent Zinc by Weight</u>	50.00%		
<u>Packaging</u>	5 Gallon pails and 1 Gallon cans		
<u>Physical Properties</u>	<u>Alkalis:</u>	Poor	<u>Acids:</u> Poor <u>Water:</u> Excellent

Clean-up & Storage

<u>Cleanup</u>	Use Anchor #J1131 synthetic thinner		
<u>Storage Temperature</u>	Minimum 20°F		Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years		

Safety & Important Information

DANGER! COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. **NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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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.