



## Product Data Sheet

# Mira-Brite Industrial Aluminum – 1015

### Product Description

An oxidative long oil, spar resinous coating.

### Where to Use

For interior and exterior use offering resistance to water, heat, ultra-violet rays, etc. This is a very white, bright, leafing type aluminum that is highly recommended for tanks, derricks, water towers, structural steel, piping or wherever a high grade aluminum is required.

### Product Characteristics

Color Aluminum

Gloss Metallic

Architectural and Industrial Maintenance Category Metallic Pigmented

Drying Time

Temperature	To Touch	To Recoat
75°F / 55% R.H.	20 Minutes	24 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation At minimum, the surface should be thoroughly degreased in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams should be ground down. Where weathered steel is applicable and where the substrate has reached rust grade, appropriate chemical cleaning or blasting will be necessary. This product is designed to be applied over alkyd primer or intermediate coats. When not feasible, this product can be applied directly over the substrate making sure a maximum millage is achieved.

Finish Coats Use Anchor #1730 Series Rust Inhibitive Primers or #0472 Gray Fast Dry Primers. This product requires an AIM compliant primer when not used in shop applications, such as Anchor #1630 series or #B7911. Consult your Anchor representative for specific job recommendations.

### Mixing & Application

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

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

Recommended Thickness 1.6-2.0 mils dry per coat

Theoretical Coverage 656 ft<sup>2</sup>/gal at 1 mil dry, assuming no application losses. Coverage will vary depending the application technique, porosity and design of the substrate.

Coverage Rates per Coat	#	Dry Mils	Wet Mils	Ft <sup>2</sup> /gal
	<u>Suggested</u>	1.8	4.4	364
	<u>Minimum</u>	1.6	3.9	410
	<u>Maximum</u>	2.0	4.9	328

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	0.011"-0.015"
	<u>Conventional Spray</u>	Air Pressure	40-70 psi
		Fluid Pressure	10-20 psi
	<u>Roller</u>	Use 1/4" synthetic nap covers.	
	<u>Brush</u>	Use high quality natural china bristle brushes.	

Application Considerations Brush, spray, or roll. Apply in wet coats to avoid dusting. When spraying, use a cross-hatch method, overlapping each pass 50%. Clean system thoroughly before and after each use. On a derusted surface, the application of a dry film thickness of at least 2 mils is recommended.

### Technical Information

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<u>Solids by Volume</u>	40.89%		
<u>AIM Category VOC Limit</u>	4.2 lb/gal (500 g/l)		
<u>Coating VOC</u>	3.95 lb/gal (473 g/l)		
<u>Density</u>	8.08 lb/gal (968 g/l)		
<u>Packaging</u>	5 Gallon pails, 1 Gallon cans, and quart (1/4 gallon) cans		
<u>Physical Properties</u>	<u>Alkalis:</u> Poor	<u>Acids:</u> Good	<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! FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES EYE IRRITATION. CONTAINS: XYLENE, ETHYLBENZENE, MINERAL SPIRITS AND TOLUENE. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. May be harmful if absorbed through skin. 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, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. 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. Do not get in eyes, on skin or 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](http://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.