

## **Product Data Sheet**

# Mira-Brite Shop Coat Aluminum - 1003

## **Product Description**

A very fast drying aluminum coating.

#### Where to Use

Interior structures or parts requiring a maintenance coating.

#### **Product Characteristics**

<u>Color</u> Aluminum

Gloss Metallic

Architectural and Industrial

**Drying Time** 

Maintenance Category Metallic Pigmented

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 Temperature
 To Touch
 To Recoat

 75°F / 55% R.H.
 10 Minutes
 1 Hour

(Cooler temperatures and higher humidity will lengthen drying time)

#### **Preparation & Priming**

Surface Preparation Remove all rust, dirt, grease, oil, or other contaminants in accordance with SSPC-SP1. Loose or failing paint

should be removed by a light blast or power tool cleaning. Secured existing paint should be checked for compatibility by applying the coating in a small area, allowing to cure, and cutting the coating to check for

lifting and adhesion between coats.

Finish Coats Use Anchor #B7911 Fast Dry Primer or direct to metal. 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, Maximum 110°F - The surface should be dry and the relative humidity should be no greater

than 85%.

Recommended Thickness 1.6-2.0 mils dry

Theoretical Coverage 613 ft²/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the application

technique, porosity and design of the substrate.

 Coverage Rates per Coat
 #
 Dry Mils
 Wet Mils
 Ft²/gal

 Suggested
 1.8
 4.7
 340

 Suggested Minimum
 1.8
 4.7
 340

 Maximum
 1.6
 4.2
 383

 Maximum
 2.0
 5.2
 306

<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

Application Considerations Spray application only. In extra warm temperatures, avoid dusting by applying in full wet coats. On rusting

areas, spot prime and build finish to a minimum of 2 mils dry.

## Technical Information

Solids by Volume 38.21%

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

Coating VOC 3.95 lb/gal (473 g/l)

<u>Density</u> 7.83 lb/gal (938 g/l)

#### **Technical Information Continued**

Packaging 5 Gallon pails and 1 Gallon cans

Physical Properties Alkalis: Poor Acids: Good Water: Very Good

#### Clean-up & Storage

Use Anchor #J1131 synthetic thinner Cleanup

Storage Temperature Minimum 20°F Maximum 110°F

Shelf Life Under Normal Conditions - Two Years

## Safety & Important Information

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS AND PETROLEUM DISTILLATES. 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.

Vapors may ignite explosively. Keep away from heat, sparks and flame. Vapors may cause flash fire. Close container after each use. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources or 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. 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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