**SPECIFICATIONS**

**Color:**
Aluminum

**Recommended Spread Rate per coat:** Aluminum B59S00011
- wet mils: 2.5 - 3.5
- dry mils: 1.0 - 1.5
- *Do not apply greater than 1.5 mils dft/ct

**Theoretical coverage:**
- 673 sq ft/gal approximate

**Drying Schedule @ 3.0 mils wet, 50% RH:**
- @ 50°F/10°C: 4 hours
- @ 77°F/25°C: 2 hours
- @ 110°F/43°C: 1 hour

**To touch:**
- @ 50°F/10°C: 2 hours
- @ 77°F/25°C: 30 minutes
- @ 110°F/43°C: 2 hours

**Tack free:**
- @ 50°F/10°C: 6 hours
- @ 77°F/25°C: 2 hours
- @ 110°F/43°C: 2 hours

**To recoat:**
- @ 50°F/10°C: 28 hours
- @ 77°F/25°C: 10 hours
- @ 110°F/43°C: 10 hours

**To cure:**
- @ 50°F/10°C: 10 days
- @ 77°F/25°C: 8 days
- @ 110°F/43°C: 3 days

Drying and recoat times are temperature, humidity, and film thickness dependent.

**CHARACTERISTICS**

**SILVER-BRITE ALUMINUM PAINT** is a quality, one-package, interior/exterior, general purpose aluminum paint formulated with 325-mesh leafing aluminum pigment, petroleum resin, and select oils producing a chrome-like uniform appearance.

**Features:**
- Dry heat resistant to 400° F (204°C)
- Resists discoloration compared to alkyds
- Protection against weathering and moisture
- Exterior/interior all-purpose enamel
- Brush, roll or spray application

**For use on properly prepared:**
- Steel
- Concrete & Masonry
- Primed aluminum & galvanized steel

**Recommended for use in:**
- Interior / exterior
- Piping
- Bridges
- Fences
- Refineries
- Siding
- Storage tanks exterior

**Tinting:**
Do Not Tint

**Shelf Life:**
36 months, unopened

**Finish:**
Aluminum sheen

**VOC(less exempt solvents)**
451 g/L - 3.76 lb/gal (as per 40 CFR 59.406 and SOR/2009-264, s. 12)

**Volume Solids:**
42 ± 2%

**Weight Solids:**
52 ± 2%

**Weight per Gallon:**
7.87 lb/gal ± 0.2 lb

**Flash Point:**
108°F PMCC

**SILVER-BRITE® ALUMINUM PAINT**

As of 07/26/2017, Complies with:
- OTC Yes
- LEEPS 09 NC_CI No
- OTC Phase II Yes LEED® 09 CS No
- SCAQMD No LEED® 09 S No
- CARB Yes LEED® v4 Emissions No
- CARB SCM 2007 Yes LEED® v4 VOC No
- Canada Yes MPI Yes

**RECOMMENDED SYSTEMS**

The systems listed above are representative of the product's use, other systems may be appropriate. Other primers may be appropriate.

**Steel, 200°F (93°C) to 400°F (204°C):**
- 2cts. Silver-Brite Aluminum
- 1ct. Kem Bond HS

**Steel, rusted, below 200°F (93°C):**
- 1ct. Kem Kromik Universal Metal Primer
- 2cts. Silver-Brite Aluminum

**Aluminum, below 200°F (93°C):**
- 1ct. DTM Wash Primer
- 2cts. Silver-Brite Aluminum

**Concrete Block, below 200°F (93°C):**
- 1ct. Pro Industrial Heavy Duty Block Filler
- 2cts. Silver-Brite Aluminum

**Galvanized Metal, below 200°F (93°C):**
- 1ct. Galvite HS
- 2cts. Silver-Brite Aluminum

**Insulated Pipe and Ductwork, interior below 130°F (54°C):**
- 1ct. Loxon Concrete and Masonry Primer
- 2cts. Silver-Brite Aluminum

**Masonry, below 200°F (93°C):**
- 1ct. Loxon Concrete and Masonry Primer
- 2cts. Silver-Brite Aluminum

**System:** (unless otherwise indicated)
- Substrate: Steel
- Surface Preparation: SSPC-SP10/NACE 2, 1 mil profile
- Finish: 2cts. Silver-Brite Aluminum, B59S00011 @ 1.5 mils dft/ct.

**Dry Heat Resistance:**
- Result: Up to 400°F (204°C)

**Cleanliness of Grind:**
- Method: Hegman
- Result: 2 Hegman minimum

**Density:**
- Method: SEC #4
- Result: 20-25

**Flash Point:**
- Result: 7.66-7.96

1 Standard test based on Certificate of Analysis

07/2017 www.sherwin-williams.com
**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**Iron & Steel** (below 200°F/93°C) - Remove all oil and grease from the surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3, 1 mil profile. Use Kem Bond HS Primer.

**Iron & Steel** (200°F/93°C-400°F/204°C) - Remove all oil and grease from the surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Near White Blast Cleaning per SSPC-SP10/NACE 2, 1 mil profile. Apply two coats Silver-Brite Aluminum Paint. Do not apply greater than 1.5 mils dft/ct.

**Aluminum** (below 200°F/93°C) - Remove all oil, grease, dirt, oxide, and other foreign material by Solvent Cleaning per SSPC-SP1. Primer required.

**Galvanized Metal** (below 200°F/93°C) - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. Prime with Galvite HS. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch of a primer coat. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing test patch of a primer coat. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing

**Concrete** (below 200°F/93°C) - For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI No. 310.2R, CSP 1-3. Surface should be thoroughly clean and dry. Air, surface, and material temperature must be at least 55°F (13°C) before filling. Use Pro Industrial Heavy Duty Block Filler. The filler must be thoroughly dry before topcoating per manufacturer's recommendations. Primer required.

**Masonry** (below 200°F/93°C) - All masonry must be free of dirt, oil, grease, masonry dust, etc. Special care should be exercised while using this product for maximum performance. Film thickness and surface preparation are critical. Be especially concerned at lap areas and when using airless spray. Excessive film thickness will cause blistering and peeling. Insufficient film thickness may lead to premature failure of the coating. Always apply to cool surfaces (50°F/10°C-70°F/21°C). Primer required.

**Insulated Pipe & Ductwork** (interior below 130°F/54°C) - Prime with ProMar 200 Zero VOC Latex Primer. **NOTE:** For insulated pipe and ductwork 130°F (54°C) to 400°F (204°C), apply two coats Silver-Brite Aluminum Paint direct to surface.

**Previously Painted Surfaces** (below 200°F/93°C) - If in sound condition, clean the surface of all foreign material. Spot primer bare areas with recommended primer. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface. Recognize that any surface preparation short of total removal of the old coating may compromise the service life of the system.

**APPLICATION PROCEDURES**

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, over thinning, climatic conditions, and excessive film build. Special care should be exercised while using this product for maximum performance. Film thickness and surface preparation are critical. Be especially concerned at lap areas and when using airless spray. Excessive film thickness will cause blistering and peeling. Insufficient film thickness may lead to premature rusting of the surface. Do not apply greater than 1.5 mils (40 microns) dft/ct.

**SAFETY PRECAUTIONS**

Refer to the SDS sheets before use. FOR PROFESSIONAL USE ONLY

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**PERFORMANCE TIPS**

Lightly stir before use. Do not shake with mechanical shaker or overly agitate, as a dull, non-uniform, mottled appearance will result.

For best results, apply to a cool surface between 60°F (16°C) - 90°F (32°C). Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.