



# Rust Eliminator™ Aluminum SE-463

## Int/Ext Acrylic Urethane High Gloss Aluminum Enamel

### Description:

Rust Eliminator™ is an acrylic and modified polyurethane alkyd resin paint, with aluminum pigments. Formulated with rust and corrosion inhibitors for metal surfaces and high quality finishes. High coverage and anchoring. It covers completely in one easy-to-apply coat, over any color or surface, interior or exterior. For use on metal, concrete, wood and brick.

### Uses:

Rust Eliminator™ is ideal for use over prepared substrates in industrial environments and surfaces where there is need of a durable and strong paint against rust, stain and dirt. May be applied with brush, roller or sprayer on any industrial, commercial or residential area, like equipments, pipes, steel supports, railings, etc. For new or previously painted metal, wood, stucco, brick or concrete.

### Surface Preparation:

All surfaces must be dry, clean, sound and free of contaminants. Remove all dirt, grease, chalk, mildew, oil, rust, concrete curing agents, dust, and other soluble contaminants from steel surfaces by washing with solvent, vapor, cleaning compound or other method. Remove all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by hand chipping, scraping, sanding, and wire brushing or by power wire brushing, power sanding, power grinding, power tool chipping, and power tool descaling. Use a Lanco® base, if necessary according to the recommended specifications of this product for surfaces such as: concrete, plasters, gypsum wallboard, drywall, wood, plywood, steel, aluminum, galvanized steel, other composition materials or vinyl siding, following the application instructions. Glossy surfaces should be lightly sanded and primed previous to new paint application.

### Meets Requirements for:

MPI:	N/A
Green Performance 1:	N/A
Green Performance 2:	N/A
VOC Compliant (<200g/L):	No
SCAQMD:	N/A
AIM & OTC:	N/A

### Technical Data:

Product Type:	Alkyd Resin
Finish:	Gloss (> 80°) *Geometry 60°
Solids (%):	67 ± 2% by weight 51 ± 2% by volume
Weight/Gallon:	9.38 ± 0.05 lbs. (4.25 ± 0.02 kg.)
Colors:	Aluminum
Drying Time:	To touch: 60 - 90 min. To recoat: 4 - 8 hrs.
Coverage:	Theoretical: Up to 640 ft. <sup>2</sup> per gallon @ 1 mil
	Recommended: 450-500 ft. <sup>2</sup> /gal. (41-45 m <sup>2</sup> /gal.) @ 1.4 dry mils, 4 wet mils
Sizes:	1 gallon 1 quart
Thinning:	Is not recommended.
Flash Point:	104 °F TOC
Viscosity:	70 - 80 KU's
Percent Pigment by Weight:	28 ± 2%
VOC:	<200 g/L

### Product Advantages:

- Aluminum color
- Excellent color retention
- Excellent corrosion resistance
- Chip and flake resistant
- UV (ultra violet rays) resistant
- Excellent coverage
- Hard and uniform finish
- Lead free
- High gloss finish
- Oil resistant

### Performance:

Abrasion Resistance: ASTM D 4060	Yes
Corrosion Weathering: ASTM D5894	Yes
Direct Impact Resistance: ASTM D2794	Yes

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

### Recommended Paint Systems:

#### Iron and steel:

Surface preparation: SSPC-SP2 / SP3  
Primer, apply 1 coat : Oil-Red Oxide Primer  
Paint, apply 2 coats: Rust Eliminator™

#### Galvanized metal and aluminum:

Surface preparation: SSPC-SP1  
Primer, apply 1 coat : Oil-White Galvanized  
Paint, apply 2 coats: Rust Eliminator™

#### Masonry and concrete:

Surface preparation: SSPC-SP13  
Primer, apply 1 coat : Stain Killer™ Primer  
Paint, apply 2 coats: Rust Eliminator™

#### Wood:

Surface preparation: Dry and Clean  
Primer, apply 1 coat : Stain Killer™ Primer  
Paint, apply 2 coats: Rust Eliminator™

S.D.S.: Available upon request.

**Surface Preparation Standards:**

**SSPC-SP1 Solvent cleaning:** Removal of all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants from steel surfaces with solvent Lanco® Lacquer Thinner LT-102, vapor cleaning, alkali, emulsifying agent, or steam.

**SSPC-SP2 Hand tool cleaning:** Removes all loose mill scale, loose rust, loose paint, and other loose foreign matter by hand chipping, scraping, sanding, and wire brushing.

**SSPC-SP3 Power tool cleaning:** Removes all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by power wire brushing, power sanding, power grinding, power tool chipping, and power tool descaling.

**SSPC-SP6 / NACE 3 Commercial blast cleaning:** Commercial blast cleaning is a method of preparing metal surfaces for coating by the use of abrasives propelled through nozzles or by centrifugal wheels. It requires the removal of all visible scale, rust and other surface contaminants. Generally evenly dispersed very light shadows, streaks and discoloration caused by stains of rust, stains of mill scale and stain of previously applied paint may remain on no more than 33% of the surface. Slight residues of rust and paint may also be left in the craters or pits if the original surface is pitted.

**SSPC-SP7 Brush-off blast cleaning:** When viewed without magnification, the surface shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating. Tightly adherent mill scale, rust, and coating may remain on the surface. Mill scale, rust, and coating are considered tightly adherent if they cannot be removed by lifting with a dull putty knife.

**Surface Application Recommendations:**

**Previously painted surfaces:** Clean surface of all loose, peeling paint and foreign material; spot prime bare metal areas. If the paint is old, peeling or badly weathered, hand tool clean (SSPC-SP2) or power tool clean (SSPC-SP3). Glossy or smooth surfaces should be sanded. If poor adhesion of existing coatings is noted or coating is loosed by blistering, rupture or scratching, additional abrasion or removal methods may be necessary to provide a clean and sound surface.

**New iron and steel metals:** Clean surface of all loose rust, grease, oil, and foreign material; spot prime bare metal. If the paint is old, peeling or badly weathered, hand tool clean (SSPC-SP2) or power tool clean (SSPC-SP3).

**Method of Application:**

Stir thoroughly before using. Do not apply when surface or air temperature is below 50 °F or if rain is expected within 5 hours. Apply product with brush, roller or sprayer. Apply generously with a full brush or roller and avoid excessive brushing or spreading too thinly. Typical standard practice recommends intermixing when working with more than one container of the same color, to ensure color consistency.

**Mixing and thinning:** Mix always thoroughly before application. Thinning is not recommended, if necessary use only 8oz. of Lanco® Mineral Spirits MS-107 per gallon.

**Brush:** Use a 3/8" solvent resistant PA-1982 or polyester brush PA-1999.

**Roller:** Use a Lanco® All-Purpose 1/4" or 3/8" Enamel Roller PA-565 or PA-566. Apply generously, but avoid excessive brushing or reworking of painted areas, do not apply or spread too thinly.

**Spray:** The equipment must be capable of maintaining a pressure of 700-1000 psi with a tip of 0.015 to 0.019. Spray and reapply on rough or porous surfaces to achieve required film formation. Apply two layers, it is recommended to dry one night between layers to minimize pinholes. See equipment manufacturer's recommendations.

**Conventional spray:** For suction feed, use a DeVilbiss MBC gun with an "E" tip and needle and 30 air cap or equivalent, at 40-45 psi atomizing pressure. For pressure feed, use a DeVilbiss MBC gun with an "E" tip and needle and 704 air cap or equivalent at 40-45 psi and 5-8 fluid pressure, 3/8" ID material hose, double-regulated pressure tank with oil and moisture separator. Apply two coats with overnight drying between coats to minimize pinholes on the surface is recommended. See equipment's manufacturer recommendation.

**Airless spray:** Minimum of 28:1 ratio pump, with a 0.013"- 0.015" tip, 1/4" ID Teflon material hose. Apply two coats with overnight drying between coats to minimize pinholes on the surface is recommended. See equipment's manufacturer recommendation.

**Precaution:** Do not apply when air or surface temperature is below 50 °F (10 °C). Apply liberally, but do not overspread. Stop painting at least two hours before you expect dew to form or the temperature to fall below 50 °F (10 °C).

**Important:** It is important that you apply one coat of primer and two full coats of paint to achieve the warranty protection.

**Limited warranty:** The manufacturers liability in connection with the sale of this product extends only to the replacement price if it should fail to comply with quality standards or specifications.

**Safety precautions:** Refer to S.D.S. sheet before use.

**Warning!** If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Wear a NIOSH-approved respirator to control lead exposure. 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). For chemical emergency call ChemTrec 1-800-424-9300. Protect from freezing.

S.D.S.: Available upon request.

