



Anticorrosive Industrial™ AC-3434

Alkyd-Oil Anticorrosive Enamel – 100% Oil-Based

Description:

Anticorrosive Industrial™ is an alkyd-oil enamel with good flexibility, durability, weather resistance, and moisture resistance. It is a high-finish enamel resistant to marring. It serves as a high-quality anticorrosive coating for metals. Contains pigments that prevent rust on metals. For interior and exterior use. Adheres strongly to clean metal and topcoat.

Meets Requirements for:

MPI:	N/A
Green Performance 1:	N/A
Green Performance 2:	N/A
VOC Compliance (<200g/L):	N/A
SCAQMD:	N/A
AIM & OTC:	N/A

Product Advantages:

- Highly durable.
- For interior and exterior use.
- Excellent adhesion.
- High solids.
- Fast drying.
- Will not peel or flake.
- Contains no heavy metals or lead.
- Strong and durable.
- Good color retention and coverage.
- Non-yellowing.
- Easy to clean.

Available Colors:

- Yellow – AC-3440
- Black – AC-3435
- White – AC-3434
- Blue – AC-3436
- Red – AC-3437
- Green – AC-3439
- Gray – AC-3438

Uses:

Anticorrosive Industrial™ is formulated for commercial and residential use on exterior or interior surfaces over a wide variety of metal substrates. It is designed to protect metal surfaces such as window frames, machinery, heavy and industrial equipment, and metal beams.

Technical Data:

Type of product	100% Oil-based resin
Finish	Semi-Gloss (45° - 65°) *60° geometry
Solids (%):	By weight: 31.5 ± 2% By volume: 20.5 ± 2%
Weight per Gallon:	9.00 ± 0.05 lbs. (4.09 ± .02 kg.)
Colors:	White, Black, Red, Green, Gray, Blue, and Yellow
Dry Time:	To touch: 1 - 3 hrs. To recoat: 6 - 8 hrs.
Coverage:	Up to 329 ft²/gal. (30.5 m²/gal.) @ 1 mil
Theoretical :	Recommend: 350-400 ft²/gal. (20-25 m²/gal.) @ 1.5 mils dry, 7 mils wet
Presentations:	5-gallon 1-gallon 1-quart
Dilution:	Not recommended *Mineral Spirits (Varsol) may be used up to a maximum of 10%
Flammability:	Non-flammable
Viscosity:	85 – 95 KU
Pigment by Weight:	15 ± 2%
VOC:	<200 g/L

Notice: To the best of our knowledge, the technical information provided is accurate and correct. All published technical information and instructions are subject to change without prior notice.

FDS: Available upon request.

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Surface Preparation:

All surfaces must be dry, clean, sound, and free of contaminants such as dirt, grease, chalk, mold, oil, rust, concrete curing agents, mildew, and other soluble contaminants from the steel surface by solvent washing, steam, cleaning compounds, or other means. Thoroughly clean the area with a stiff wire brush. Remove all oil and grease with Lanco® Lacquer Thinner LT-102. Fill cracks and holes with Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 and allow to dry for 24 hours before painting. Remove loose mill scale, rust, paint, and other detrimental foreign matter by scraping, sanding, wire brushing, or using power wire brushes, electric grinders, power chipping tools, and power descaling tools.

Recommended Paint Systems:**Iron and steel:**

Surface preparation: SSPC-SP2 / SP3
Primer, 1 coat: Red Oxide Primer™ (VA-971)
Topcoat, 2 coats: Anticorrosive Industrial™

Galvanized metal and aluminum:

Surface preparation: SSPC-SP1
Primer, 1 coat: Oil-White Galvanized™
Topcoat, 2 coats: Anticorrosive Industrial™

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Estándares de Preparación de Superficies:**SSPC-SP1 Solvent Cleaning**

Remove oils, greases, and foreign matter from steel using Lanco® Lacquer Thinner LT-102 via spray, brushing with metal brushes, immersion, or a combination of these methods.

SSPC-SP2 Hand Tool Cleaning

Remove loose mill scale, rust, paint, and other loose foreign matter using chipping, scraping, sanding, or wire brushing.

SSPC-SP3 Power Tool Cleaning

Remove loose mill scale, rust, paint, and other detrimental foreign matter using power rotary steel brushes, impact tools, grinders, or combinations of these.

SSPC-SP7 Brush-Off Blast Cleaning

The surface must be free of all oil, grease, dirt, dust, loose mill scale, and loose rust and coatings. Tightly adherent mill scale, rust, and coatings may remain. These are considered tightly adherent if they cannot be removed with a dull putty knife.

SSPC-SP13 / NACE 6 Surface Preparation of Concrete

Provides requirements for preparing concrete surfaces through thermal, mechanical, or chemical means prior to the application of coatings or protective linings.

Recomendación de Aplicación de Superficies:**Previously Painted Surfaces:**

Remove all loose material and identify areas with exposed metal. If the paint is old, flaking, or severely deteriorated, perform hand tool cleaning (SSPC-SP2) or power tool cleaning (SSPC-SP3). Glossy or smooth surfaces must be sanded. If there is poor adhesion of the existing coatings due to blistering, cracking, or flaking, additional abrasive or removal methods must be used to ensure a clean surface.

New Iron and Steel:

Remove all loose material and identify areas with exposed metal. If the existing paint is old, flaking, or severely deteriorated, perform hand or power tool cleaning as per SSPC-SP2 / SSPC-SP3.

New Galvanized Metal:

Expose to the weather for at least six months before coating. Clean with solvent per SSPC-SP1, then apply primer as needed. If weathering is not possible, clean with solvent per SSPC-SP1, perform a test patch, and apply primer as needed. Let dry for one week before conducting adhesion testing. If adhesion is poor, abrasive blasting is recommended. Remove silicates or white rust using SSPC-SP7. Rinse water-soluble contaminants with water.

New Aluminum:

New surfaces must be free of oils and lubricants used during manufacturing and machining. Use SSPC-SP1 solvent cleaning with Lanco® Lacquer Thinner LT-102 to remove any material that may affect paint performance. This can also be achieved by weathering the exterior product for one to six weeks before priming. Surface must be clean and free of contaminants. If detergent is used, rinse thoroughly and let dry before painting. If a thin oxide film is present, remove it using SSPC-SP2 or SSPC-SP3. Use only in well-ventilated areas.

Método de Aplicación:

Shake well before use. Do not apply when surface or ambient temperature is below 50°F (10°C) or if rain is expected within 5 hours. Apply using a brush, roller, or spray gun. Apply generously with brush or roller and avoid overspreading or overworking. Standard practice recommends intermixing when using multiple containers of the same color to ensure color consistency.

Mixing and Thinning:

Mix thoroughly before applying. Thinning is not recommended. If necessary, use no more than 10% mineral spirits (Varsol).

Brush:

Use a nylon PA-1982 or polyester PA-1999 brush.

Roller:

Use Lanco® All-Purpose 3/8" Nap Roller PA-566. Apply generously and avoid overbrushing or overrolling and do not overspread.

Sprayer:

Equipment must maintain a pressure of 700–1000 psi with a 0.015 to 0.019 tip. Spray and reapply on rough or porous surfaces to build the required film. Apply two coats; it is recommended to let it dry overnight between coats to minimize pinholes. Refer to equipment manufacturer's recommendations.

Caution:

Do not apply when surface or air temperature is below 50°F (10°C). Do not expose to freezing temperatures during storage. Apply generously without overspreading. Stop painting at least two hours before dew forms or temperatures drop below 50°F (10°C).

Limited Warranty:

The manufacturer's liability regarding the sale of this product is limited solely to the replacement price if application specifications are followed.

Caution:

Refer to the Safety Data Sheet (SDS) before use.

Warning!:

If old paint is scraped, sanded, or removed, it may release lead dust. Lead is toxic. Use a NIOSH-approved respirator to control lead exposure. Clean carefully using a HEPA vacuum and wet mop. Before starting, learn how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or visiting www.epa.gov/lead. For chemical emergencies, call Chemtrec at 1-800-424-9300. Protect from freezing.