



SERIES 8000

Interior Exterior Acrylic High Gloss Industrial Strength Enamel

Conco® Interior Exterior Acrylic High Gloss Industrial Strength Enamel is a tough, flash-rust & corrosion-resistant coating that provides excellent abrasion and chemical resistance while offering exceptional gloss and color retention. Excellent for machinery, equipment, piping, walls and trim.

Recommended Uses

- Interior/Exterior
- New Construction & Industrial Maintenance Applications
- Suitable for use in USDA Inspected Facilities
- Aluminum, Galvanized and Ferrous Metals
- Wood, Masonry, Plaster and Drywall
- Previously Painted Surfaces

Performance Benefits

- Tough, Hard, Durable Finish
- Maximum Gloss & Color Retention
- Flash-Rust and Corrosion Resistant
- Chemical Resistant
- Outstanding Adhesion
- Excellent Abrasion Resistance
- Brush, Roll or Spray
- Tintable to Hundreds of Colors

Recommended Systems

Ferrous Metal

1 coat Conco® P851 Industrial Strength Alkyd Rust Control Metal Primer or
1 coat Conco® P801 Industrial Strength Acrylic Prime & Finish
1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Aluminum & Galvanized Metal

1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Masonry & Plaster (allow to cure for 30 days)

1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Aggregate Block

1 coat Conco® P9511 Interior/Exterior Acrylic Latex Block Filler
1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Interior Drywall

1 coat Conco® P001 Interior Drywall PVA Primer/Sealer
1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Wood, Redwood, Cedar

1 Conco® P007 Interior/Exterior All Surface 100% Acrylic Stain blocking Primer
1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Pre-primed Fiberboard, Plywood, Hardboard,

1 Conco® P007 Interior/Exterior All Surface 100% Acrylic Stain blocking Primer
1 or 2 coats Conco® 8000 series High Gloss Industrial Strength Enamel

Technical Information

Finish:	Gloss 60-70 @ 60°
Colors:	Bright White, Safety Red, Safety Yellow, Black Custom Tints
Drying Time (@ 4 mils wet, 50% Rel. Humidity)	
	50°F 77°F 110°F
To Touch:	1.5 Hrs 1 Hr 30 Min
Tack Free:	6 Hrs 4 Hrs 2 Hrs
To Recoat:	6 Hrs 4 Hrs 2 Hrs
To Cure:	30 Days 30 Days 30 Days
Spread Rate:	150 - 250 Sq. Ft. /Gal (dependent upon surface texture and porosity)
Film Thickness:	6.5 - 10.0 mils wet 2.5 - 4.0 mils dry
Volume Solids:	37% ± 2%
Weight Solids:	46% ± 2%
Weight per Gallon:	9.69 lbs
Vehicle Type:	100% Acrylic
Flash Point:	Not Applicable
V.O.C. Level:	VOC: 178 g/l- 1.48 lb/gal as per 40 CFR 59.406
Reduction:	Water
Cleanup:	Soap & Water
Size:	Available in Ones and Fives

Warranty:

20 YEAR LIMITED WARRANTY: If this product, when applied according to label instructions, fails to perform to your complete satisfaction, upon presentation of proof of purchase to the store where the product was purchased we will, as your exclusive remedy, either replace an equivalent quantity of product free of charge or refund the purchase price. This warranty covers paint that is applied according to label instructions and excludes failure due to improper surface preparation, structural defects, or failure of the previous paint. This warranty does not include (1) labor or costs associated with labor for the application of any product and/or (2) any indirect, special, incidental or consequential damages with labor for the application of any product and/or (2) any indirect, special, incidental or consequential damages.

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.

Preparation

To ensure proper adhesion, all surfaces must be clean, dry and free from wax, grease, oil, loose rust, peeling paint and other contaminants. When solvent cleaning per SSPC-SP1, do not use hydrocarbon solvents for cleaning; only use an emulsifying industrial detergent followed by a water rinse. All mildew and mold must be completely and thoroughly removed. Glossy surfaces must be sanded and dusted clean. Always wear a properly selected and fitted NIOSH/MSHA approved mask or respirator when sanding.

Ferrous Metal

Remove all rust by hand tool cleaning per SSPC-SP2 and remove oil and grease by solvent cleaning per SSPC-SP1. For best performance use commercial blast cleaning per SSPC-SP6 with a sharp, angular abrasive. Prime bare steel within 8 hours or before flash rusting occurs.

Galvanized Metal

Allow to weather for 6 months and solvent clean per SSPC-SP1. If weathering is not possible or surface has been treated with chromates or silicates, solvent clean per SSPC-SP1 and apply a test area. Test adhesion after one-week dry time. If adhesion is poor, brush blast per SSPC-SP7. At minimum, rusty galvanizing should be hand tool cleaned per SSPC-SP2, followed by same day painting. No primer necessary.

Aluminum

Remove all corrosion by hand tool cleaning per SSPC-SP2 and remove oil and grease by solvent cleaning per SSPC-SP1. No primer necessary.

Masonry, Plaster, Aggregate Block (allow to cure for 30 days)

Remove all surface contamination by washing with an appropriate cleaner. Allow concrete, mortar and plaster to cure for 30 days at 75°F. Brick must weather one year. Remove any loose mortar, dust and contamination per SSPC-SP13. Remove form release compounds and curing membranes by brush blasting. No primer necessary. Bare block should be filled with Conco® P9511 Interior/Exterior Acrylic Latex Block Filler

New Wood, Pre-primed Fiberboard, Hardboard, Cedar, Redwood

Sand weathered areas to fresh wood. Scrape, sand and spot prime knots and stains. Fill nail holes. Prime before topcoating.

New Wallboard / Drywall

Fill cracks and holes with spackling compound and sand smooth. Joint compound must be cured and sanded smooth. Remove all sanding dust. Prime before topcoating.

Mildew

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.**

Cleanup Information

Clean spills and splatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits



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Application

Do not apply at air, surface or product temperatures below 50°F or above 110°F, when relative humidity exceeds 85%, or when rain is forecasted within 16-24 hours of painting. Temperature must be at least 5°F above dew point.

Spray – Airless

Pressure.....1500 psi
Hose.....1/4" ID
Tip.....0.017"-0.021"
Filter.....60 Mesh
Reduction.....as needed up to 12.5% by volume

Brush

Use a nylon/polyester brush
Reduction not recommended

Roller

Use a 3/8" woven synthetic roller cover with solvent resistant core
Reduction not recommended

Cautions

- Not for use on horizontal surfaces where water may collect
- Do not apply in direct sunlight
- Keep from freezing
- Do not use hydrocarbon solvents for cleaning prior to painting

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Conco Paints. Information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Conco Paint retailer or sales representative to obtain the most recent Product Data Sheet.

Performance Characteristics

- To ensure maximum protection, stripe coat all crevices, welds and sharp angles.
- During spray application, overlap 50% with each pass of the spray gun to avoid bare areas, pinholes and holidays.
- The spread rates are calculated by the volume solids and do not take into consideration product loss caused by applicator technique, method of application, surface irregularities, over thinning and climatic conditions.
- Excessive reduction can affect hide, film build, appearance, abrasion resistance and adhesion.
- Accent and Safety Colors require a prime coat of Conco® P801 Industrial Strength Acrylic Prime & Finish for adhesion, corrosion resistance and overall durability.
- Application temperature below 50° F could cause adhesion, drying and curing issues.
- Application above 95° F could result in poor adhesion, dry spray and uneven sheen.
- Conco® P801 Industrial Strength Acrylic Prime & Finish is sensitive to hydrocarbon containing solvents. When cleaning the surface per SSPC-SP1, use only emulsifying detergents and degreasers followed by a water rinse.
- DO NOT USE HYDROCARBON SOLVENTS FOR CLEANING



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Performance Characteristics

System Tested:

Substrate: Steel
Surface Preparation: SSPC-SP10
1 coat Conco® Interior Exterior Acrylic High Gloss Industrial Strength Enamel @ 3 mils dry film thickness

Abrasion Resistance

- Method: ASTM D4060, CS17 Wheel, 1000 cycles, 1kg load
- Result: 107 mg loss

Adhesion

- Method: ASTM D4541
- Result: >500 psi

Accelerated Weathering

- Method: ASTM D4587, QUV-A, 5000 hours
- Result: Passes

Corrosion Weathering

- Method: ASTM D5894, 15 cycles, 5,040 hours
- Result: Rating 10 per ASTM D714 for blistering; Rating 9 per ASTM D610 for rusting

Direct Impact Resistance

- Method: ASTM D2794
- Result: >160 in. lbs.

Dry Heat Resistance

- Method: ASTM D2485
- Result: 300° F

Exterior Durability

- Method: 1 year, 45° South
- Result: Excellent

Flexibility

- Method: ASTM D522, 180° bend, 1/8" mandrel
- Result: Passes

Moisture Condensation Resistance

- Method: ASTM D4585, 100° F, 300 hours
- Result: Passes

Pencil Hardness

- Method: ASTM D3363
- Result: 2B

Salt Fog Resistance

- Method: ASTM B117, 500 hours
- Result: Excellent

Flame Spread Rating

- Method: ASTM E84-91a
- Result: Flame Spread Index - 5
- Smoke Density Index - 0