8500 SERIES (75)

INDUSTRIAL STRENGTH COATING
INTERIOR/EXTERIOR GLOSS

ALUMINUM

CONCO PAINTS
Pro Technology...Engineered For The Job®

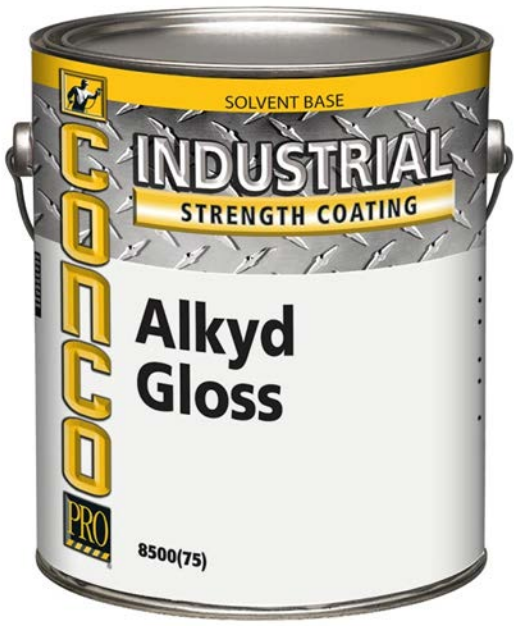
Conco® 8500 Series (75) Interior/Exterior Alkyd Gloss is an industrial strength coating designed for new construction and industrial maintenance applications. High solids, low VOC, high gloss formula is highly resistant to abrasion, corrosion and a variety of chemicals with excellent chip and flake resistance. Confidently coat machinery, equipment, piping, doors and trim with this high performance coating.

FEATURES

- Industrial strength coating designed for new construction and industrial maintenance
- Ideal for painting over prepared metal and masonry
- Provides corrosion, abrasion and chemical resistance
- Chrome-like finish
- Direct to metal formula
- Heat resistant up to 400°F
- Backed by 100% Satisfaction Assured Warranty
- Master Painters Institute #1

TECHNICAL DATA

Vehicle:	Alkyd
Finish:	Gloss
Flash Point:	N/A
Weight Solids:	52% ± 2%
Volume Solids:	42% ± 2%
Dry Time (@ 77°F and 50% R.H.)	
To Touch:	4 Hours
To Recoat:	16 Hours
Weight Per Gallon:	7.87 lb/gal
VOC:	416 g/L –2.64 lb/gal as per 40 CFR 59.406
Spread Rate:	250-450 sq.ft. per gallon (dependent on surface texture and porosity)
Film Thickness:	@ 6 mils wet; 3.5 mils dry
Sizes:	Gallons, Fives (Special Order)



APPLICATION

Do not apply when air, surface or product temperature is 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	1800 psi
Tip	.017" - .019"

Spray – HVLP
Follow spray manufacturer's recommendations.

Brush
Use a quality nylon/polyester brush.

Roller
Use a 1/4" - 3/8" nap synthetic roller cover.

RECOMMENDED SYSTEMS

Ferrous Metal (below 200°F)
1 coat Conco P851 DTM Alkyd Rust Control Metal Primer
Or
1 coat Conco P801 DTM Acrylic Prime & Finish
1 or 2 coats Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel

Ferrous Metal (200°- 400°F)
1 or 2 coats Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel

Aluminum & Galvanized Metal (below 200°F)
1 coat Conco P801 DTM Acrylic Prime & Finish
1 or 2 coats Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel

Masonry (allow to cure for 30 days)
1 coat Conco P801 DTM Acrylic Prime & Finish
1 or 2 coats Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel

Aggregate Block (allow to cure for 30 days)
1 coat Conco P9511 Interior/Exterior Acrylic Latex Block Filler
1 or 2 coats Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel

TIPS FOR BETTER PERFORMANCE

- On rusty surfaces, apply first coat by brush
- Use 50% overlap when spraying
- When used as a primer/finish apply two coats
- Stir well before using
- If using more than one package of the same color, mix together before applying to ensure uniform color
- Clean the surface thoroughly
- Sand surface smooth to ensure an even surface
- Prepare the substrate to create a uniform surface
- Patch cracks, crevices and trough-wall openings using a proper sealant or patch
- Caulk as needed using a quality latex or siliconized latex caulk or sealant

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 form dirt, wax, grease, oil, chalk, mildew and loose or peeling paint. Nail holes, cracks and other surface imperfections should be properly filled, sanded smooth and dusted clean. 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 dust mask or respirator when sanding.

Masonry/Aggregate Block (allow to cure for 30 days)

Allow concrete and masonry to cure for 30 days at 75ºF. 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. Fill bare block with block filler. Prime surface before applying topcoat.

Ferrous Metal (below 200°F) Commercial blast clean per SSPC-SP6 (1 mil profile). Solvent clean per SSPC-SP1. Prime bare steel within 8 hours or before flash rusting occurs.
Ferrous Metal (200°-400°F) Near white blast clean per SSPC-SP10 (1 mil profile). No primer necessary. Topcoat within 8 hours or before flash rusting occurs.

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 with an emulsifying industrial detergent followed by a water rinse. If weathering is not possible or surface has been treated with chromates or silicates, solvent clean per SSPC-SP1 and apply a test area using Conco® P801 DTM Acrylic Prime and Finish as a primer. 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 priming.

Aluminum (below 200°F)

Remove all contaminants by solvent cleaning per SSPC-SP1 with an emulsifying industrial detergent followed by a water rinse. Prime surface before applying topcoat.

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 you r skin. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.

CLEAN UP/DISPOSAL

- Clean spills and spatters immediately with xylene
- Clean tools immediately after use with xylene
- Follow manufacturer's safety recommendations when using xylene

CAUTIONS

- Do not apply in direct sunlight
- DO NOT SHAKE on mechanical shaker or overly agitate
- Do not thin

WARRANTY

If this product, when applied according to label instructions, fails to perform to your complete satisfaction, we will either replace an equivalent quantity of product free of charge or refund the purchase price, upon presentation of proof of purchase. This warranty does not include labor or costs associated with labor for the application of any product. This warranty gives you specific legal rights, and you may have other rights, which vary state to state.

STANDARDS MET

System Tested: Substrate: Steel
Surface Preparation: SSPC-SP6
Finish: 1 coat Conco 8500-75 DTM Alkyd Aluminum Industrial Enamel
@ 3 mils dry film thickness (dft)

Abrasion Resistance
Method: ASTM D4060, CS17 wheel, 1000 cycles 1 kg load
Result: 180 mg mass loss
Adhesion
Method: ASTM D4541
Result: 290 psi
Corrosion Weathering
Method: D5894 6 cycles, 2016 hours
10 per ASTM D610 for Rusting
10 per ASTM D714 for Blistering
Result: Passes
Dry Heat Resistance
Method: ASTM D2485, 400° F
Result: Passes
Exterior Durability
Method: 1 year, 45° South
Result: Good
Flexibility
Method: ASTM D522, 180° bend, 3/16" mandrel
Result: Passes
Pencil Hardness
Method: ASTM D3363
Result: 3B
Salt Fog Resistance
Method: ASTM B117, 500 hours
Result: Good
Thermal Shock
Method: ASTM D2246, 200 cycles
Result: Excellent