



Technical Data Sheet Zinc Chromate Wash Primer

30Y14- Primer Base	733 g/L or 6.12 lb/gl
30Y15- Primer Converter	790 g/L or 6.59 lb/gl
VOC as applied	761.5 g/L or 6.35 lb/gl
This product is not reduced	

Features & Uses

Premium Zinc Chromate Wash Primer is designed to evenly etch the metal substrate to promote adhesion while providing short-term anti-corrosive protection. Apply only one coat at dry film thickness of 0.2 to 0.3 mils to properly prepared aluminum, steel (including all grades of stainless), and anodized aluminum. May be directly top coated after 60 minutes cure time at 77°F/50% relative humidity without sanding. This product is idea for masts, parts and thin metal applications where filling and leveling are not required.

Specification Data

Type: Modified Vinyl/Phenolic Resin

Packaging: 1 U.S. Gallon, Base and Converter

Theoretical Coverage - Sq. Feet/Mixed Gallon; 266-400 Sq. Feet (25-37 sq mt) at recommended dry film thickness. 110-150 Sq. Feet (10-15 sq mt) at recommended total dry film thickness.

Coverage data given is theoretical, and assumes 100% of the mixed product is applied to a given surface. Actual coverage yield obtained will vary according to equipment choice, application technique, part size and environmental conditions.

Recommended Wet Film Thickness: 0.5 mils (125 microns)

Recommended Dry Film Thickness: 0.2-0.3 mils (5-7.5 microns)

Drying Schedule

NOTE: The table below indicates approximate minimum and maximum times. Variables in surface temperature, air flow over the surface, direct or indirect sunlight, volume of reducer and wet film build will all effect the actual times during application. Cure cycle minimum advisable temperature is 60°F. The ideal temperature is 77° F.

Temperature for minimum recoat time	60°F	70°F	77°F	90°F	Maximum dry Time
Pot Life- approx	8 hrs	8 hrs	8 hrs	6 hrs	N/A
Dust Free	15 mins	15 mins	10 mins	10 mins	
Tape Time	30 mins	30 mins	30 mins	30 mins	N/A
Full Cure	2 days	2 days	1 day	1 day	N/A
Overcoat with Epoxy Finishing Primer or Topcoat	2 hrs	1.5 hrs	1 hr	1 hr	Remove After 6 hrs

Surface Preparation

Aluminum and Steel surfaces must be clear and free of grease, oil, and chemical contamination. Surfaces must be mechanically abraded or sandblasted. NEVER SOLVENT-WIPE BLASTED OR SANDED SURFACES UNDER ANY CIRCUMSTANCE!

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STEEL: Solvent wash thoroughly before abrading surface. Blast to near white metal (SSPC-SP10), or disk grind with 36-60 to a 2-4 mil (50-100 micron) profile.

ALUMINUM: Direct To Topcoat- Surfaces should be sanded to P180-P220 grit.
Over-coated with Finishing Primer- Surfaces should be ground or grit blasted to P100-P180.

Phosphoric acid-based washes may be used to clean the abraded surface prior to application of Zinc Chromate Wash Primer, however follow-up treatments with chrome conversion products should not be performed.

Mixing & Reduction Directions

Base must be thoroughly agitated before mixing. Mix by volume one part Zinc Chromate Wash Primer Base with one part Converter to a smooth, homogenous mixture. Allow mixture to induct for 15 minutes. This product is not reduced.

Application Directions

Application Equipment: Only Conventionally Atomized spray is recommended.

Fluid Nozzle and Needle, Gravity feed: Conventional- .060" orifice. HVLP- 1.6 mm orifice.

Fluid Nozzle and Needle, Pressure feed: Conventional- .049" orifice. HVLP- 1.1 mm orifice.

Pot Pressure: 10-15 PSI- Conventional and HVLP.

Atomization Pressure: 40-60 PSI- Conventional and HVLP.

Airless: Not Advised.

Spray apply Zinc Chromate Wash Primer in cross-coat fashion to 0.5 mils wet film thickness. Be sure that a closed film is formed. The underlying surface must be seen through the dry film. **DO NOT OVER APPLY!** Too thick applications will split and/or peel resulting in paint system failure.

Equipment Cleaning

Acetone or methyl ethyl ketone are acceptable.

Environmental, Health and Safety Report

This product contains hexavalent chromium compounds which are subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

In the event that this product must be removed from the surface for any reason, by any method, full prescribed PPE must be worn. Residues generated in the removal process must be treated as hazardous waste.

Read SDS and all container labels before opening or using this product. Store containers tightly sealed, upright & locked up, indoors at 0-104°F. Keep away from open flame and sparks. Dispose of contents, containers and any unused mix material in accordance with local/regional/national/international regulations.

HEALTH	3*	FLAMMABILITY	3	REACTIVITY	0	PPE	X
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Professional Use Only

The information provided in this Technical Data Sheet is not intended to be exhaustive. Any recommendation contained in this document covering the use, application, chemical, physical or other properties of the product is believed to be reliable; however Oceanair Performance Coatings make any warranty or representation with these respects. Use or application of any Oceanair Performance Coatings distributed product is at the discretion of the Buyer without any liability or obligation whatsoever to Oceanair Performance Coatings.

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