



# DURALUX<sup>®</sup>

## Zinc-Like Performance Primer

### M739 YELLOW

#### **1. BASIC USE AND INFORMATION**

Duralux<sup>®</sup> Zinc-Like Primer is a high quality synthetic primer for use in light to moderate marine exposures. It is lead and chromate free but offers the all of the performance and quality characteristics of zinc chromate without the health and application hazards. It has good chemical and corrosion resistance, dries fast, and allows single finish coat coverage when using a like-colored topcoat. Zincromate Performance Primer adheres very well to steel, iron, aluminum or partially rusted galvanized surfaces.

*Composition:* Modified alkyd. Lead & chromate free

*Color:* Yellow

*Limitations:* Do not re-coat with POLYAMIDE EPOXY or ALIPHATIC URETHANE due to possible film lifting.

*Sizes:* 1-gallon and quart containers.

#### **2. TECHNICAL INFORMATION**

*Recommended Film Thickness:* Dry 1.0 - 2.5 mils, wet 2.3 - 5.8 mils. See "APPLICATION" section.

*Suggested Spread Rate:* 275-650 sq. ft. per gallon depending on smoothness of steel. See "APPLICATION" section.

*Drying Time:* 1-2 hours, recoat in 4 hours

*Thinner:* Mineral spirits or VM&P naphtha

*60° Gloss:* Flat

*Weight Per Gallon:* 11.07 lbs./gal.± .2

*Solids By Weight:* 63% ± 2%

*Solids by Volume:* 42% ± 2%

*Viscosity:* 76-80 Krebs units

*Heat Resistance:* 200° F

*Freeze-Thaw Stability:* Will Not Freeze

*Odor:* Mild solvent

*Flash Point:* 104° F

*Maximum VOC:* 420 g/l

#### **3. SURFACE PREPARATION**

All surfaces must be free of moisture, grease, dirt, rust and other foreign matter. Use sandblasting, power and hand tool cleaning, or pressure washing to remove rust, loose mill scale, and loose paint. De-gloss and abrade the surface to ensure proper adhesion.

**Lead Warning !** - If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

*New Steel:* On clean, rust free steel Zinc-Like Primer may be applied directly to the surface. Bare galvanized metal should be primed with ALUMINUM BOAT GREEN M736.

*Rusted or Previously Painted Steel:* Remove all rust, loose mill scale and dirt by scraping, power tool cleaning or sandblasting. Ideally, surface should be Commercial Blast Cleaned SSPC-SP-6. For severe environments, sandblast metal to Near-White Metal SSPC-SP-10, before priming.

#### **4. APPLICATION**

Apply Zinc-Like Primer to properly prepared surfaces as it comes from the can. Apply 1.0 – 2.0 mils dry film thickness over smooth steel, 2.0 – 3.0 mils over sandblasted steel.

*Method of Application:* Brush, roller or spray. For airless spray use a .015" to .023" tip, and equipment capable of maintaining 2,000 – 2,500 psi. For conventional spray use Graco 210-961 Series A or equivalent with .070" cap and .061" needle at 40-50 psi.

*Thinning:* Thinning this product is not recommended. If thinning is desired, use Minerla Spirits or VM&P NAPHTHA up to a half pint per gallon.

*Clean Up:* Immediately after use with mineral spirits or VM&P naphtha.

*Precautions:* Combustible. Avoid breathing spray or vapor. Use in well ventilated area. Avoid contact with eyes and skin. Material Safety Data Sheets available on request.

#### **5. MAINTENANCE**

Must be top-coated

#### **6. TECHNICAL SERVICE**

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