



DURALUX[®] SUB-TROP[™] RED METAL PRIMER M740

1. BASIC USE AND INFORMATION

Sub-Trop[™] RED PRIMER is a high quality rust inhibiting primer for iron, steel or partially rusted galvanized surfaces. Recommended for use in light to moderate marine exposures where good chemical, corrosion and salt water resistance is required. Contrary to its name, Sub-Trop RED PRIMER is lead and chromate free, using safe but highly effective rust inhibiting pigments that emulate the application properties and surface protection afforded by traditional red lead metal primers.

Composition: Modified alkyd. Lead free

Color: Red

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: 11.42 lbs./gal.± .2

Solids By Weight: 69% ± 2%

Solids by Volume: 51% ± 2%

Viscosity: 76-80 Krebs units

Heat Resistance: 250° 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.

New Steel: On clean, rust free steel RED PRIMER may be applied directly to the surface. New galvanized metal should be primed with an appropriate primer.

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.

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 RED 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 Mineral 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. Safety Data Sheets available on request.

5. MAINTENANCE

Must be top-coated

6. TECHNICAL SERVICE

ICP Building Solutions Group
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