



# TECHNICAL DATA SHEET

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MIL-DTL-24441/20  
FORM. #150 GREEN PRIMER

**PRODUCT DESCRIPTION:**

A heavy duty two component epoxy primer that does not contain lead, chromium or other toxic metal pigments. MIL-DTL-24441/20 Epoxy Primer is used on steel where a heavy duty primer is required with maximum resistance to fresh or salt water. The complete three coat MIL-DTL-24441 Epoxy system is resistant to water, many industrial chemical fumes and high humidity environment conditions.

**TYPICAL PROPERTIES:**

- (1). **COLOR**..... Green
- (2). **SHELF LIFE**..... 1 Year From Date of Mfg
- (3). **IMMERSION RESISTANCE**..... Pass Hot Distilled Water
- (4). **VOLUME SOLIDS**..... 58%
- (5). **COVERAGE AT 2-3 DRY MILS**..... 250 - 370 Sq.Ft/Gal
- (6). **MINIMUM DRY FILM REQUIRED**..... 2 - 3 Mils
- (7). **WET FILM REQUIRED PER COAT**..... 3.5 - 5.2 Mils

**DRYING TIMES**

To Touch: 2 Hours  
To Topcoat: Overnight  
To Handle: Overnight  
Cures Hard: 7 Days

**SURFACE PREPARATION:**

Remove all dirt, grease, wax, oil and other contaminants. All mill scale, rust and other interference materials must be completely removed by sandblasting to a minimum SSPC-SP-6 Commercial Grade (NACE NO.3)

**APPLICATION AND REDUCTION:**

Stir both components thoroughly. Mix the two components together in equal parts BY VOLUME. Allow to stand 1 hour at approximately 70 degrees Fahrenheit before using. Add thinner T-262-66 or MIL-T-81772B TY.II if necessary to facilitate atomization. Pot life is approximately 2 hours at 90 degrees F, 6 hours at 70 degrees F and 16 hours at 50 degrees F.

FOR INDUSTRIAL USE ONLY.     READ MSDS BEFORE USE