



# TECHNICAL DATA SHEET

## TECHNICAL DATA SHEET MIL-DTL-24441

### PRODUCT DESCRIPTION:

A two component epoxy polyamide paint designed to protect surfaces from environmental attack. MIL-DTL-24441 Topcoat is normally used with #150 primer for maximum resistance to fresh or salt water. The complete three coat Epoxy system is resistant to water, many industrial chemical fumes and high humidity environment conditions. This coating is Low VOC as well as lead and chromate free.

### TYPICAL PROPERTIES:

- (1). **COLOR**..... Various Colors
- (2). **SHELF LIFE**..... 1 Year From Date of Mfg
- (3). **POT LIFE @ 73 DEGREES FAHRENHEIT**..... 5 Hours Min.
- (4). **GLOSS @ 60 DEGREES**..... 30 Maximum
- (5). **THEORETICAL COVERAGE**..... 300 - 325 Sq.Ft/Gallon
- (6). **FINENESS OF GRIND**..... 5 Minimum
- (7). **TITANIUM DIOXIDE(% OF PIGMENT)**..... 18% Minimum
- (8). **DRY FILM THICKNESS**..... 1.5-1.8 Mils

### DRYING TIMES (AT 73 DEGREES FAHRENHEIT)

To Touch: 2 Hours  
Dries Hard: 6 Hours

### 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). Prime with MIL-DTL-24441/20 #150 Green Primer.

### APPLICATION AND REDUCTION:

Stir both components thoroughly. Mix the two components together in equal parts, 1:1 BY VOLUME! Allow to stand 1 hour at approximately 70 degrees Fahrenheit before using. Add 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