

TECHNICAL DATA

EF-2-SERIES / EH-33 HIGH SOLIDS EPOXY FLAT TOPCOAT

September 2010

PRODUCT DESCRIPTION:

This is a two component epoxy topcoat designed to provide maximum protection from chemicals, aviation fuels, hydraulic fluids, and other corrosion causing media. It meets VOC requirements of under 420 g/L and is available in a wide range of colors.

MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:

BMS 10-11, Type II, Class A, Grade D / DMS 2433, COMP C / HMS 15-1100, Type II, Class 2 / MIL-PRF-22750

SURFACE PREPARATION:

Surfaces to be painted should be primed with an EP-3 series primer. The epoxy topcoat should generally be applied within 24 hours after priming. For previously painted surfaces, an alkaline cleaner to remove all oils and other residues should be followed by sanding to a dull surface. Any corrosion must be removed and the entire surface should be primed with an EP-3 series primer.

MIXING / APPLICATION:

Shake or mix the color base component well. Then mix three parts EF-2 base with one part hardener EH-33 by volume 15 minutes prior to using. Pot life is 5 hours minimum. Spray apply over BMS-10-11 Type I primers to dry film thickness of 1.0 to 1.5 mils.

PHYSICAL PROPERTIES:

Appearance:	Flat, Various Colors
Weight Per Gallon:	A) Admixed 9.5-13.5# B) Base 10.5-12.5# C) Catalyst 8.08±2#
Weights Solids:	A) Admixed 72-82% B) Base 68-80% C) Catalyst 91.14±2%
Weights VOL:	A) Admixed 60-72% B) Base 50-65% C) Catalyst 89.55±2%
Fineness of Grind:	5+ Hegman
Gloss:	0-7
Admixed Viscosity:	18-26 seconds, #2 Zahn
VOC Admixed:	< 420 g/L
Dry times:	
a) Dust Free	2 hours
b) Dry Through	10 hours
c) Full Cure	7 days

PRECAUTIONS:

Use with adequate ventilation and proper respiratory protection. See MSDS for complete details of composition and required precautions for safe use.