

TECHNICAL DATA

FT-10-Y1 EPOXY FUEL TANK COATING

July 2010

PRODUCT DESCRIPTION:

This epoxy coating has been formulated to be used for the protection of aircraft fuel tanks against corrosion from fuel contaminants.

MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:

BMS 10-20, Type II, Class A, Grade A

SURFACE PREPARATION:

This coating has excellent adhesion to chemically treated aluminum (chromic acid or sulfuric acid anodine, alodine, etc.), chemically cleaned or abrasive blast clean steel, or chemically treated titanium.

MIXING / APPLICATION:

Mix thoroughly, 3 parts by volume of FT-10-Y1 to one part EH-49 hardener. Reduce as needed with up to 5% SR-12 Reducer. Pot life is 6 to 8 hours at 75° +/- 5°F. Allow the coating to mix 30 minutes before application. Spray apply to a dry film thickness of 0.3 to 0.8 mils dry film thickness. The primer will dry tack free in 15-30 minutes.

Allow Primer to dry for 72 hours before filling tanks. If a faster dry time is required, you may air dry for 20 minutes, then 5 hours at 130 degrees.

PHYSICAL PROPERTIES:

Appearance:	Translucent yellow
Admixed Viscosity:	10-15 sec. (#4Ford)
Weight per gallon admixed:	8.7 lbs
Coverage @ 100% usage:	400-450 sq. ft./gal @ 1mil film thickness
Fineness of grind:	5 minimum
% NV admixed:	34-36% by weight
Shelf Life:	2 years from date of manufacture
Storage Temperature:	40-100°F (4-38°C)

PRECAUTIONS:

See MSDS for complete details of composition and required precautions for safe use.