



MIL-PRF-22750G Hi-Solids, Low VOC, Epoxy Coating

Technical Data Sheet

Description: A two-component, hi-solids epoxy coating for spray and brush applications, furnished in a packaged kit and suitable for use under air pollution regulations. Formulated for the protection against solvents and chemicals on interior and exterior surfaces. It is low "VOC" and lead/chromate free. Available in Type I - Low VOC (High Solids); Type II - Low VOC (High Solids) and VOHAPS free; and Type III - Low VOC (High Solids), VOHAPS free, and DTM (Corrosion Inhibiting).

Physical Properties:

Colors:	All Fed Std. 595 Colors
Shelf Life:	1 Year from date of manufacturing
Drying Time: Set-To-Touch: Dry Hard:	Within 1 Hour Within 7 Hours
Thinner:	MIL-T-81772B Ty. II
Gloss Values: Gloss: Semi-Gloss: Camouflage:	90 Minimum 15 – 30 5 Maximum
Viscosity (After Thinning):	Max 50 Seconds (Admixed Material)
Volatile Organic Compounds:	Max VOC 340 grams/liter (2.8 lbs./gallon)

APPLICATION AND REDUCTION:

Each of the two components should be thoroughly mixed separately. Component B is then slowly poured into Component A with constant stirring until a three-to-one ratio by volume is achieved. Reduce the admixed material approximately one pint per gallon with MIL-T-81772B TY. II Thinner to achieve a viscosity of 16-18 seconds in a #4 Ford Cup or for proper atomization. Mix thoroughly and allow to stand one hour before using. Apply a mist coat and allow to dry 30 minutes. Apply a second coat to a total dry film thickness of 1.4 to 1.8 mils. It is normally applied over MIL-PRF-23377G.

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