



MIL-C-22750D is a two-part top coat based on polyamide curing epoxy resin. It has excellent solvent resistance, chemical resistance and impact resistance and forms a very solid film.

Recommended use	Military iron or concrete top
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Physical Properties

Finish and Color	GLOSS, SEMI GLOSS, FLAT
Specific gravity	1.1~1.5(Kg/L)
Solids by volume	Approx. 35~42% (It's depended on color)
Spreading rate (Theoretical)	8.7~10.5 m ² /L in 40 dry film thickness on a smooth surface
Flash point	Approx.16°C (Closed cup)
Viscosity	Approx. 60~80 Ku (25°C)

Application details

Surface preparation	Material : Steel, Concrete * Use a suitable cleaning method to remove rust, dust, oil, and other contaminants from the coating material. * Concrete shall be cured for at least 28 days at a temperature of 20 ° C and a relative humidity of 80 % or less and the surface moisture content shall be dried at not more than 6 %. * Steel : When handling a phosphate solution * repair painting, grind the defect parts of the coating thoroughly before dry.
Preceding coat	MIL-P-23377D
Method of application	Brush, spray (Airless and Air) or roller application For air spray application ; Noz z le orifice :1.3~1.5mm Output pressure : 4~5Kg/cm² Number of sprays : 2~3 times (round trip) (Airless spray data are indicative and subject to adjustment)
Thinning	MIL-T-81772BTYPE2 *Thinning viscosity : 16~20s(20°C) / Ford Cup No.4 (When using air spray) * Dilution rate : up to 10% or less (volume ratio) * But it may be changed by application condition and environment. * Only use specified THINNER. Do not dilute each components separately, only the mixture.
Application conditions	The surface should be cleaned and dried completely. Surface temperatures must be at least 3°C (5°F) above dew point to prevent condensation.
Film thickness	D.F.T 40~50μm

Drying time	Substrate Temperature	10°C	25°C	30°C
	Set to touch	2h	1h	30min
	Dry through	18h	7h	5h
Pot life	8 hours at 20 °C /68 °F			
Recoating interval	At 20 °C / 68 °F, Minimum : 7h Maximum : 7d Prior to overcoating, remove the oil, salts, chalking materials and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.			
Mixing ratio	Semi flat PTA : PTB = 100 : 100 (Vol%) Glossy PTA : PTB = 100 : 60 (Vol%)			

Storage and package	
Shelf life	12month
Storage	Store in cool, dry, well-ventilated place.
Packing Unit	8L (SEMI,FLAT – PTA : PTB = 8L : 8L) (GLOSSY – PTA : PTB = 8L : 4.8L)

Remarks	
Note	Avoid prolonged breathing of solvent vapors and contact with skin and eyes. In case of eyes contact, flush immediately with plenty of water for at least 15 minutes. Use with adequate ventilation. Keep away from sparks and open flames. Respiratory protection is recommended when spraying this material in confined space or stagnant air.
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Revision	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

