

EPICON T-500

EPICON T-500 is an anti-corrosive paint based on epoxy resin. Product provides excellent physical properties such as adhesion, toughness, abrasion resistance, etc. as well as chemical resistance to fresh water, petroleum products, crude oil, alkalis and weak acids.

It is suitable for protection of tank interiors.

Airless spray can build a dry film thickness of 75-125 microns per coat.

TECHNICAL DATA

Type	Epoxy tank coating paint, high build						
Recommended Use	Product carrier tanks, Cargo oil tanks, Fresh water tanks, Drinking water tanks, Potable water tanks, Hold, Solvent tanks, Chemical tanks, etc.						
Information	Mixing Ratio	: Base : Hardener = 78 : 22 [by volume] Base : Hardener = 85 : 15 [by weight]					
	Color	: Red brown, Grey, Light Grey, White					
	Flash Point	: Base = 17.7, Hardener = 15.5 [deg C]					
	Density	: 1.39 [g/ml]					
	Volume Solid	: 58 + 2 [volume %]					
	Coverage (Theoretical)	: 0.129 - 0.216 [L/ m ²], 0.179 - 0.300 [kg/ m ²]					
	Film Thickness	: WET 129 - 216 [microns], DRY 75 - 125 [microns],					
	Drying Time	Set-to-touch	5 °C	10 °C	20 °C	30 °C	40 °C
		Hard dry	3.5 hrs.	2.5 hrs.	1.5 hrs.	30 mins.	15 mins.
	Painting Interval	Min.	36 hrs.	24 hrs.	12 hrs.	6 hrs.	4 hrs.
Max. (*)		28 days	28 days	21 days	14 days	10 days	
Max.(**)		10 days	10 days	7 days	5 days	3 days	
Pot Life		10 hrs.	7 hrs.	5 hrs.	3 hrs.	1.5 hrs.	
Condition of Application	Method of Application	: Airless spray, Brush, Roller					
	Weather	: Temperature : Min. 5 (10) °C Humidity : Max. 85 % RH Dew Point : + Minimum 5 °C (***)					
	For Airless Spray	: Viscosity : 1 - 1.5 Pa s Tip No. : (GRACO) 619, 621 Paint Output Pressure : 14.7 - 17.7 [Mpa] Spray Speed : 60 - 80 [cm/sec]					
	Thinner	: EPOXY THINNER A Thinning : 0 - 10 % by volume					
	Preceding Coats	: CERABOND 2000, NZ PRIMER S, EPICON ZINC RICH PRIMER B-2, EPICON T-500 PRIMER H					
	Subsequent Coats	: EPICON T-500					
	Packaging Size	Two pack product 20kg/set, 5kg/set for size in Indonesia only					
Storage	Shelf Life / 12 months after the date of production Subject to the satisfactory results of inspection, the product exceeding 12 months may be used.						
Safety	Follow all the local or national Health, Safety and Environment regulation. Read and follow all the precautionary notices on Material Safety Data Sheet and Container Labels. Apply only at ventilated areas. Handle with care.						

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Notes

1. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by a power agitator. Then add appropriate thinner and mix thoroughly.
 2. Excessive thinning results in reduced sag resistance and paint film property.
 3. * (1) The coated surface should not be exposed to sunlight from manhole and other holes by using sun-net, etc..
If the coated surface has been exposed to direct sunlight, the maximum painting interval is as "*" of above.
(2) The coated surface is sweated or flooded by water, the surface should be roughened after surface dried even if within overcoat interval.
 4. *** On steel : Dew point+Min. 5 °C
On paint film : Dew point+Min. 3 °C
 5. Shown above "()" are for tank coating of product carrier, please refer to Chugoku's catalogue "Product Carrier Tank Coating" in detail.
 6. Density and Volume Solid are measurement data of product samples without thinner. And there are various value depending on color or manufacturing regulation etc.
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The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.