

# EPICON T-800

EPICON T-800 is a anticorrosive paint based on epoxy phenolic resin. Product provides excellent physical properties such as adhesion, toughness, abrasion resistance, etc. as well as chemical resistance to salt-water, 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 phenolic tank coating paint, high build					
Recommended Use	Product carrier tanks, Chemical tanks, etc.					
Information	Mixing Ratio	: Base : Hardener = 84 : 16 [by volume] Base : Hardener = 88 : 12 [by weight]				
	Color	: Grey, Light Grey, Red Brown				
	Flash Point	: Base = 17.5, Hardener = 7.5 [deg C]				
	Density	: 1.36 [g/ml]				
	Volume Solid	: 65 ± 2 [volume %]				
	Coverage (Theoretical)	: 0.115 - 0.192 [L/ m <sup>2</sup> ],		0.156 - 0.261 [kg/ m <sup>2</sup> ]		
	Film Thickness	: WET 115 - 192 [microns], DRY 75 - 125 [microns],				
	Drying Time	Set-to-touch	10 °C	20 °C	30 °C	40 °C
			2.5 hrs.	1.5 hrs.	30 mins.	15 mins.
	Painting Interval	Hard dry	24 hrs.	12 hrs.	6 hrs.	4 hrs.
			Min.	24 hrs.	16 hrs.	14 hrs.
	Pot Life	Max. (*)	28 days	21 days	14 days	10 days
Max.(**)		10 days	7 days	5 days	3 days	
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 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 B : Thinning : 0 - 10 % by volume				
	Preceding Coats	: EPICON T-800, EPICON T-800 HOLDING PRIMER , CERABOND 2000, EPICON ZINC RICH PRIMER B-2				
	Subsequent Coats	: EPICON T-800				
	Packaging Size	Two pack product 20kg 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.					

supplier : [manage@findotek.com](mailto:manage@findotek.com)

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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. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by with power agitator. Then add appropriate thinner and mix thoroughly.
  3. Excessive thinning results in reduced sag resistance and paint film property.
  - 4.\* (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.
  - 5.\*\*\* On steel : Dew point+Min. 5 °C  
On paint film : Dew point+Min. 3 °C
  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.