

## EPICON T-800 (EP T-800)

**EPICON T-800**, a high-build type epoxy phenolic coating, has 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 as a protective coating for tank interiors.

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

### TECHNICAL DATA

<b>Type</b>	:	Epoxy phenolic tank coating, high-build			
<b>Recommended Use</b>	:	Cargo oil tank, chemical tank, etc.			
<b>Mixing Ratio</b>	:	Base : Hardener = 84 : 16 (by volume)			
<b>Color</b>	:	Red brown, Grey, Light grey, White			
<b>Flash Point</b>	:	Base : 18°C	Hardener : 33°C		
<b>Solids by Volume</b>	:	57 ± 2%			
<b>Coverage (Theoretical)</b>	:	0.132 ~ 0.219 L/m <sup>2</sup> ; 175 ~ 292 g/m <sup>2</sup>			
<b>Wet Film Thickness</b>	:	132 ~ 219 μm			
<b>Dry Film Thickness</b>	:	75 ~ 125 μm			
<b>Drying Time</b> (at D.F.T. 100μm)	:	Temperature	10°C	20°C	30°C
		Surface Dry	2.5 hrs.	1.5 hrs.	30 min.
		Hard Dry	24 hrs.	12 hrs.	6 hrs.
<b>Painting Interval</b> (at D.F.T. 100μm)	:	Minimum	24 hrs.	16 hrs.	14 hrs.
		Maximum	10 days	7 days	5 days
		*	(4) days	(3) days	(2) days
<b>Pot Life</b>	:		7 hrs.	5 hrs.	3 hrs.
<b>Thinner</b>	:	EPICON T-800 THINNER			
<b>Method of Application</b>	:	Airless spray, Brush, Roller			
<b>Condition of Application</b>	:	Temperature	Minimum 10°C		
		Humidity	Maximum ** 85% R.H.		
		For Airless spray;			
		Tip No.	GRACO 619, 621		
		Paint Output Pressure	14.7 ~ 17.7 MPa(g)		
		Viscosity	1.0 ~ 1.5 Pa.s		
		Thinning	0 ~ 5% by volume		
<b>Preferable Preceding Coats</b>	:	CERABOND2000, EPICON ZINC RICH PRIMER, EPICON T-800 HOLDING PRIMER, EPICON T-800			
<b>Preferable Subsequent Coats</b>	:	EPICON T-800			
<b>Packaging</b>	:	Two pack product			

Notes:\* In case of outdoor exposure  
\*\* On steel : Dew point + Min. 5°C  
On paint film: Dew point + Min. 3°C