



COAL TAR EPOXY 99

COAL TAR EPOXY 99, high-build epoxy coal tar paint, gives in one cross layer, a film thickness 8 mils.

The advantage of COAL TAR EPOXY 99 include better mechanical properties such as adhesion , toughness and abrasion resistance, etc. It also offers chemical resistance to salt-water,alkalis and dilute acids.

It is suitable for protective coating of ballast tanks interior and underwater area , etc.

TECHNICAL DATA

Type	Epoxy / Coal Tar (one coat system) tank coating, high-build				
Recommended Use	Ballast tank, Void space, Cofferdam, Cargo hold, Underwater area , steel structure ,Concrete, etc.				
Mixing Ratio	Base : Hardener = 80 : 20 (by volume) ; 85 : 15 (by weight)				
Colour	Black, Brown				
Flash Point	Base = 23°C	Hardener = 27°C			
VOC	360 [g/litre]	EPA method-24			
Solid by Volume	66.0 ± 2%				
Coverage (Theoretical)	0.08 - 0.23 l/m ²	; 13.2 - 4.40 m ² /l			
Wet Film Thickness	3.03 - 9.09 mils	; 76 - 227 microns			
Dry Film Thickness	2.00 - 6.00 mils	; 50 - 150 microns			
Drying Time (at D.F.T. 125 microns)	Temperature	10°C	20°C	30°C	40°C
	Surface Dry	3 hrs.	2 hrs.	1 hr.	40 mins.
	Hard Dry	32 hrs	16 hrs.	10 hrs.	10 hrs.
Painting Interval (at D.F.T. 125 microns)	Minimum	24 hrs.	12 hrs.	8 hrs.	7 hrs.
	Maximum	10 days.	7 days.	4 days.	3 days.
Pot Life		20 hrs.	14 hrs.	8 hrs.	6 hrs.
Thinner	CMP-31				
Method of Application	Airless spray , Roller , Brush				
Conditions of Application	Temperature	Minimum 10°C			
	Humidity	Maximum 85% RH			
	For Airless spray :				
	Tip No.	GRACO 623			
	Paint output pressure	14.7 - 17.7 MPa.			
	Viscosity	1.2 - 2.0 Pa.s			
	Thinning	0 - 15 % by volume			
Preceding coats	Epicon zinc HB-2 , Epicon Sealer clear , etc.				
Subsequent coats	Anti Fouling Painting System such as , Silvax , Seatender series , etc.				
Packaging	Two pack product per set ; 3.785 Litres / Gallon , 18.925 Litres / Drum.				
Shelf life at 25°C	Base 24 months , Hardener 24 months , In unopened container				

Note : 1. In confined spaces such as tank insides ventilation is required during application and curing to removed solvent vapours and promote curing.

* Painting interval for overcoating of AF paint :

If the surface of COAL TAR EPOXY 99 is exposed indirect sunlight , the succeeding coat should be applied soon after the minimum painting interval within 2 days to keep adhesion.