

COAL TAR EPOXY 99

COAL TAR EPOXY 99, is high-build polyamide cured epoxy coal tar paint, High build paint film type. 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, weak alkalis and weak acids. It is suitable for protective of steel structure vessel fishing boat tug boat barge tanks underwater area.

TECHNICAL DATA

Type	: 2 pack polyamide cured epoxy coal tar paint.			
Recommended Use	: Steel structure vessel fishing boat tug boat barge wooden boat : concrete pond of water treatment system			
Mixing Ratio	: Base : Hardener = 80 : 20 (by volume) ; 85 : 15 (by weight)			
Colour	: Black , Brown			
Flash Point	: Base = 27°C		Hardener = 27°C	
Solid by Volume	: 66.0 ± 2%			
Coverage (Theoretical)	: 0.15 - 0.23 l/m ² ; 6.60 - 4.40 m ² /l			
Wet Film Thickness	: 6.06 - 9.1 mils ; 152 - 227 microns			
Dry Film Thickness	: 4.00 - 6.00 mils ; 100 - 150 microns			
Drying Time	Temperature	10°C	20°C	30°C
(at D.F.T. 125 microns)	Surface Dry	3 hrs.	2 hrs.	1 hr.
	Hard Dry	32 hrs	16 hrs.	10 hrs.
Painting Interval	Minimum	24 hrs.	12 hrs.	8 hrs.
(at D.F.T. 125 microns)	Maximum*	10 days.	7 days.	4 days.
Pot Life		20 hrs.	14 hrs.	8 hrs.
Thinner	: CMP-31			
Method of Application	: Airless spray , Roller , Brush			
Conditions of Application	Temperature	Minimum 10°C		
	Humidity	Maximum 85% R.H.		
	For Airless spray :			
	Tip No.	GRACO 623		
	Paint output pressure	1.4 - 1.8 MPa.		
	Viscosity	1.2 - 2.0 Pa.s		
	Thinning	0 - 15 % by volume		
Preferable Preceding Coats	: Epicon Zinc HB-2 , Epicon Zinc SC B-2 , etc.			
Preferable Subsequent Coats	: Anti Fouling Painting System such as , Silvax , Seatender series , etc.			
Packaging	: Two pack product per set ; 1 US Gallon , 5 US Gallon.			

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.