

COAL TAR EPOXY 77

COAL TAR EPOXY 77, high-build epoxy coal tar paint, gives in one cross layer, a film thickness 8 mils. The advantage of COAL TAR EPOXY 77 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	
Solid by Volume	: 59.0 ± 2%			
Coverage (Theoretical)	: 0.08 - 0.25 l/m ²		; 11.8 - 3.93 m ² /l	
Wet Film Thickness	: 3.39 - 10.2 mils		; 84.7 - 254 microns	
Dry Film Thickness	: 2.00 - 6.00 mils		; 50 - 150 microns	
Drying Time	: Temperature	10°C	20°C	30°C
(at D.F.T. 100 microns)	: Surface Dry	3 hrs.	2 hrs.	1 hr.
	: Hard Dry	32 hrs	18 hrs.	12 hrs.
Painting Interval	: Minimum	18 hrs.	10 hrs.	8 hrs.
(at D.F.T. 100 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	: Zinc Rich Primer such as , Epicon zinc HB-2 , Galbon S-HB , 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 77 is exposed indirect sunlight , the succeeding coat should be applied soon after the minimum painting interval within 2 days to keep adhesion.