

COAL TAR No.1000 S

COAL TAR No.1000 S, base on an epoxy resin and coal tar combination has excellent physical properties such as adhesion , toughness and abrasion resistance, etc. and chemical resistance to salt water, crude oil , alkali and dilute acids. It is suitable for protective coating of tanks interior and under-water areas.

TECHNICAL DATA

Type	: Epoxy / coal tar tank coating			
Recommended Use	: Crude oil tank, Ballast tank, Void space, Cofferdam, Cargo hold, : Underwater areas, other steel structures, etc.			
Mixing Ratio	: Base : Hardener = 82 :18 (by volume) ; 88 : 12 (by weight)			
Colour	: Black, Brown			
Flash Point	: Base = 22°C		Hardener = 27°C	
Solid by Volume	: 59.0 ± 2%			
Coverage (Theoretical)	: 0.17 - 0.34 l/m ²		; 5.90 - 2.95 m ² /l	
Wet Film Thickness	: 6.78 - 13.6 mils		; 169 - 339 microns	
Dry Film Thickness	: 4.00 - 8.00 mils		; 100 - 200 microns	
Drying Time	: Temperature	10°C	20°C	30°C
(at D.F.T. 100 microns)	: Surface Dry	2.5 hrs.	1.5 hrs.	1 hr.
	: Hard Dry	30 hrs	16 hrs.	12 hrs.
Painting Interval	: Minimum	30 hrs.	22 hrs.	16 hrs.
(at D.F.T. 100 microns)	: Maximum*	5 days.	5 days.	5 days.
Pot Life	:	9 hrs.	7 hrs.	5 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	1.0 - 1.5 Pa.s		
	: Thinning	0 - 15 % by volume		
Preferable Preceding Coats	: Zinc rich primer coating such as , Epicon Zinc HB-2 , Cerabond 2000 , etc.			
Preferable Subsequent Coats	: -			
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 No.1000 S is exposed indirect sunlight , the succeeding coat should be applied soon after the minimun painting interval and at minimun within 2 days.