

Head Office

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MARINE, HEAVY DUTY & SPECIALISED COATINGS

SEA GRANDPRIX 1000

(SGP 1000)

No. 5909

Sept 2000

SEA GRANDPRIX 1000 is a tin free self polishing anti-fouling paint based on the specific polymer with highly hydrolysis activity. Excellent anti-fouling effect is derived from the highly active polymer which ensures maximum effectiveness and leaching of the biocides. Activation at the surface is maintained by control of hydrolysis thus providing long term anti-fouling protection commensurate with applied film thickness.

TECHNICAL DATA

Type	:	Tin free self polishing anti-fouling paint.				
Recommended use	:	Anti-fouling paint on steel ship's bottom for worldwide service with extended dry-docking interval.				
Colour	:	Red Brown (Light Red and Red), as specified.				
Flash Point	:	27°C				
Solids by volume	:	44 +/- 2%				
Coverage (theoretical)	:	0.17 – 0.34 litre/m ²	289 – 578 g/m ²			
Wet film thickness	:	170 – 340 µm				
Dry film thickness	:	75 – 150 µm				
Drying time (at D.F.T. 100µm)	:	Temperature :	5°C	10°C	20°C	30°C
		Surface Dry	3 hrs	2 hrs	1 hr	30 mins
		Hard Dry	12 hrs	8 hrs	5 hrs	4 hrs
Painting interval (at D.F.T. 100µm)	:	Minimum	12 hrs	8 hrs	5 hrs	4 hrs
	:	Maximum	-	-	-	-
Dry to launch (at D.F.T. 100µm)	:	Minimum	24 hrs	18 hrs	12 hrs	10 hrs
	:	Maximum	-	-	-	-
Thinner	:	Ravax Thinner				
Method of Application	:	Airless spray, Brush or Roller				
Condition of Application	:	Temperature	Minimum		0°C	
		Humidity	Maximum		85% R.H.	
		For Airless spray ;				
		Tip No.	GRACO 621 – 723			
		Paint output pressure	11.7 x 14.7 MPa(g)			
		Viscosity	1.5 – 2.5 Pa.s			
		Thinning	0 – 5% by volume.			
Preferable preceding coats	:	Silvax SQ-K, Vinyl AC-HB, Hiper AC, Ravax AC-HB, Bannoh 500 N, Bannoh 500R, etc.				
Preferable subsequent coats	:	-				
Packaging	:	One pack product				

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- Notes:**
1. There is a risk of antifoulings becoming fouled when ships are stationary for two consecutive weeks or more, particularly in areas with a high risk of fouling.
 2. Below 10 degC, extra solvent may be required to obtain application viscosity.
 3. But too much solvent results in reduced sag resistance and paint film property.
 4. Density, VS and VOC are measurement data of product samples without thinner. And there are various values depending on color or manufacturing regulation etc.