

Advanced
Silyl Technology

SEA GRANDPRIN
1000L

Hydrolysis type antifouling paint

Arrival Condition of SEA GRANDPRIX 1000



SEA GRANDPRIX 1000L

Hydrolysis type antifouling paint

Since its debut, SEA GRANDPRIX 1000, silyl acrylate polymer antifouling paint with hydrolysis mechanism providing long lasting antifouling performance, have been applied to more than 2,000 vessel for over 10 years. In accumulating silyl technology, the advanced silyl "SEA GRANDPRIX 1000 L" is now developed. This new technology brings further excellent self-polishing performance with lower and well controlled erosion rate. SEA GRANDPRIX L is also contributing to reduce VOC thanks to its higher solid.

Advanced Silyl Technology

Reduce the erosion rate

Constant surface renewal

Minimizing required film thickness for specified duration

Performance of SEA GRANDPRIX 1000L



Since its debut, a lot of vessels were coated with SEA GRANDPRIX 1000 under satisfactory conditions by our own silyl technology and very stable antifouling performance.

Advanced Silyl Technology

Lowered erosion rate required for specific duration

Advanced silyl technology delivers reduction of erosion rate of antifouling paint and improves self-polishing property. This technology prolongs antifouling performance even with lower paint film thickness.

Excellent antifouling performance in static condition

Effective release rate of biocides delivers excellent antifouling performance even under static condition.

Low VOC and labor savings

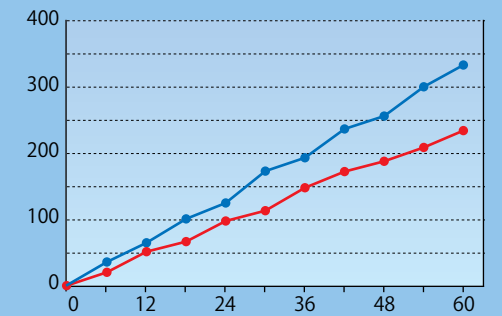
Because of high solid, SEA GRANDPRIX 1000L contributes to its reduction of VOC and lowering paint consumption resulting in labor cost saving.

Fuel Saving

Smooth coating surface delivers 5% reduction of fuel consumption compared to existing products. It contributes to CO₂ reduction.



Comparison of polishing rate



SEA GRANDPRIX 1000L
CMP's existing product (Silyl type)

Actual Result (After 25 months)



Type of vessel: Bulk Carrier

Specification

Paint System	Painting Area			In case of 24knots, 25degC, 85%.
	Boot Top	Vertical Bottom	Flat Bottom	
Epoxy Anti-Corrosive Primer	BANNOH 2000 150mic. x 1			
Epoxy Anti-Corrosive Primer	BANNOH 500N 100mic. x 1			
Anti-Fouling for 90 months (60 months)	SEA GRANDPRIX 1000 L 120mic. x 3 (120mic. x 2)	SEA GRANDPRIX 1000 L 140mic. x 4 (130mic. x 3)	SEA GRANDPRIX 1000 L 120mic. x 3 (120mic. x 2)	

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