

Advanced
Silyl Technology

SEA GRANDPRIX
1000L

Hydrolysis antifouling

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Hydrolysis type antifouling

SEAGRANDPRIX 1000L is a high-performance hydrolysis antifouling based on advanced silyl technology providing long-term and excellent static antifouling performance, being suitable for various types of oceangoing vessels worldwide.

Since 1990's, CMP has successfully introduced the first silyl product and has developed an advanced silyl polymer antifouling by improving antifouling performance. This technology has been applied to more than 2000 vessels to date.

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A long lasting self-polishing action

The original silyl acrylate which has proven itself to be the most competent alternative and from the performance outturns of thousands of ships over the last 12 years, as they go into drydock after 36, 48 and 60 months' service, and has further extended its service period to 90 months to meet emerging demands.

Excellent static antifouling performance

This product ensures a long static period in some of the most challenging circumstances.

Low VOC

Contribution to the environment enabling the high volume solids (lowering VOC) from a truly hydrolysing material.

New applications



Chip Carrier



Chemical Tanker



Car carrier

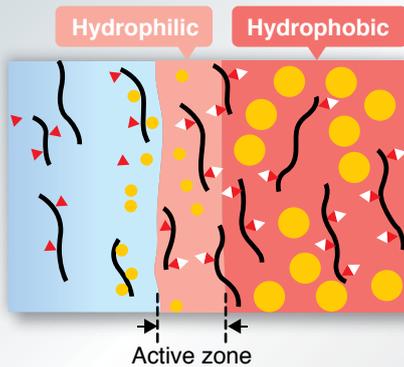


Bulk Carrier

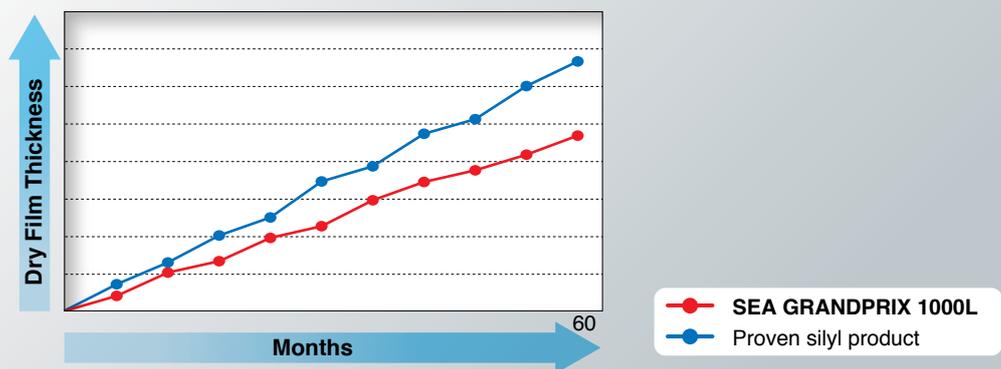
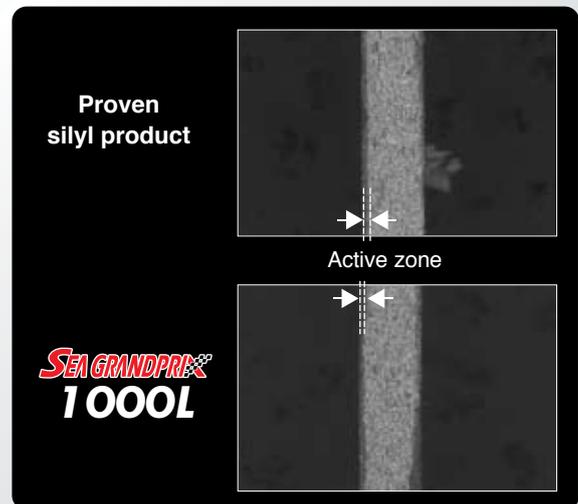


Straight line polishing

- 1 AF film surface turns to hydrophilic from hydrophobic in seawater, and dissolve with biocide.
- 2 The reaction surface layer is "active zone layer".(see below scheme)
- 3 In general the leached layer is renewed under sailing condition, and keep proper thickness of the active zone layer.



The active zone of SEA GRANDPRIX 1000L is continuously controlled throughout the service period to deliver its high performance.



Performance results



Chemical Tanker



Bulk Carrier



Bulk Carrier



Chip Carrier



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