

Press release

30 October 2017

Hempel launches new antifouling coatings – Globic 9500 series – delivering outstanding return on investment and flexibility

Today – 30 October – leading global coatings manufacturer Hempel is launching two new premium antifouling coatings, Globic 9500M and Globic 9500S. The coatings offer customers a potential 2.5 per cent reduction in speed loss. This equates to significant fuel savings and lower CO₂ emissions improving the operational efficiency of a vessel and minimising the operator’s environmental footprint.

This next generation coating series builds on Hempel’s proven Globic technology to deliver superior antifouling performance for new buildings and dry-dockings, delivering an outstanding return on investment and flexibility from outfitting through the entire docking interval.

Hempel’s patented Nano acrylate technology is the strength behind the Globic range and provides a fine polishing control mechanism to bring the integral biocides to the surface at a stable rate ensuring a clean hull. By combining the strongest binder and biocide package for premium performance at different trading speeds, Globic 9500M and Globic 9500S outperform other self-polishing coatings (SPC) particularly when slow steaming.

Henrik Dyrholm, Global Product Manager, Hempel A/S says:

“Globic 9500M (M for maintenance) is designed to protect against slime as well as soft and hard fouling in all conditions. Globic 9500S (S for static) is designed to protect against hard-fouling even during extended outfitting periods. Together these two coatings deliver unparalleled anti-fouling protection offering our customers improved operational efficiency, flexibility and a high return on investment.”

“Our Globic range has been very well received in the market and since its launch in 2005, over 25 million litres have been delivered worldwide with more than 5,000 vessel applications achieved. Our new coating series is the next step in high performance antifouling protection”.

Additionally, the patented microfibres incorporated in the paint give Globic 9500M and Globic 9500S a best in class mechanical strength to avoid cracking and peeling. Globic’s unique technology allows it to start working as soon as the hull meets the water for full and immediate antifouling protection, making it highly efficient even for slow steaming and long idle periods.

Globic 9500 Series at a glance:

- Lasting protection against all kinds of fouling – designed for 60+ months docking intervals
- Suitable for all vessels at all speeds
- Incorporates proven patented Nano acrylate technology
- Patented microfibres for best-in-class mechanical strength to avoid cracking and peeling
- Outperforms other SPC, particularly during slow steaming
- Excellent colour stability

Nano acrylate technology

The new coatings incorporate specially designed water-activated Nano acrylate technology that uses nano capsules to control polishing. When seawater comes into contact with the nano capsules, it penetrates the hydrophobic outer shell. The hydrophilic inner core chemically hydrolyses and then expands which breaks through the outer shell, enabling controlled polishing. Consistent self-polishing and a constantly thin leach layer ensure uniform biocide release over the entire docking interval. Unlike other premium antifouling technologies, Nano acrylate technology provides immediate antifouling protection without the need for water friction.

Special microfibres reinforce the binder, providing a skeleton effect that gives the coating enhanced mechanical strength and makes it more resistant to cracking.

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About Hempel

Since 1915 Hempel has been a world-leading coatings specialist, providing protection and inspiration to the world around us. Today we have over 6,000 people in 80 countries delivering trusted solutions in the protective, decorative, marine, container, industrial and yacht markets.

Hempel is proudly owned by the Hempel Foundation, which supports cultural, humanitarian and scientific causes across the world.

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