

PPG SIGMAGLIDE® 1290

Majestic Fast Ferry improves speed, saves energy and minimizes environmental impact

Case study



The Customer

Majestic Fast Ferry Pte. Ltd.

Vessel Type

Fast ferry

The Challenge

To find a long-lasting silicone coating that will deliver energy savings and speed improvements

The Solution

PPG SIGMAGLIDE 1290 fouling release coating

The Benefits

Our PPG SIGMAGLIDE 1290 fouling release coating eliminates slime problems and delivers proven energy savings to reduce overall operational costs

The Result

Majestic Fast Ferry was very impressed by the coating's performance, particularly the improved speed and energy savings. Excellent sales support and after-sales service ensured the project was delivered efficiently and to the customer's satisfaction. Therefore, the customer decided to switch to the PPG SIGMAGLIDE 1290 product for the rest of its ferries

The Customer

Majestic Fast Ferry Pte. Ltd. is a ferry operator based in Singapore, serving passengers that travel back and forth from the Harbour Front and Tanah Merah Ferry Terminal in Singapore, as well as Batam Center and Sekupang Ferry Terminal in Batam and Tanjung Pinang in Bintan, Indonesia.

Majestic Fast Ferry is committed to ensuring that passengers have a pleasant and enjoyable journey by providing high-quality, reliable and comfortable ferry services.

The Challenge

Majestic Fast Ferry was looking for a coating solution that would provide proven energy savings and speed improvements and, importantly, last longer than the previous competitor's silicone antifouling.



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The Solution

To answer the customer's concerns and reservations about silicone coatings, we proposed our PPG SIGMAGLIDE 1290 100% pure silicone binder system. This system utilizes a breakthrough dynamic surface regeneration technology to eliminate slime problems that keeps the hull completely smooth from the outset enabling the ship to glide seamlessly through the water, which reduces power requirements throughout service when compared to traditional fouling release products.

The PPG SIGMAGLIDE 1290 system is part of our established PPG SIGMAGLIDE fouling release range, which has been used on over hundreds of vessels worldwide, including cruise liners, tankers, bulk carriers, container ships, gas carriers, dredgers, FPSOs, fishing vessels and tugs.

The Benefits

When compared to other traditional fouling release products, PPG SIGMAGLIDE 1290 achieves far greater power reduction throughout a vessel's service life.

Our 100% pure silicone, biocide-free system provides instant low friction that is smooth from the start of the vessel's operation and, therefore, delivers immediate energy savings and reduced costs.

PPG SIGMAGLIDE 1290 – Key Features and Benefits

- 100% PURE silicone technology
- Eliminates slime problems and increases energy savings
- Biocide-free fouling release coating
- Long-lasting coating with excellent adhesion
- Instant low friction – smooth operation from the start
- Regenerates the surface – long-lasting properties
- Excellent fouling resistance and release performance
- Contributes to minimizing the environmental footprint
- Fuel saver coating in line with EEDI and SEEMP requirements
- For use at new-building, refurbishment and maintenance
- Extensive track record – over 400 vessels since 2001

The Result

Once the PPG SIGMAGLIDE 1290 system was applied and in service, Majestic Fast Ferry was very pleased by the coating's performance, particularly the improved speed and energy savings. In addition, the customer was so impressed by our comprehensive service and support throughout the project that they decided to switch to using PPG SIGMAGLIDE 1290 for all the other ferries.

“Based on the exemplary performance of both the coating and the excellent support throughout the project from the PPG team, we have started to switch to using PPG SIGMAGLIDE 1290 for the rest of our fleet,” said Majestic Fast Ferry's Managing Director, Max Tan.



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