

Marine coatings for cruise vessels

**Innovative coating
solutions enhancing
cruise efficiency
and sustainability**



**Your partner in cruise
sustainability and
operational efficiency**

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Cruise Capabilities

PPG delivers market leading marine coating solutions that enhance vessel efficiency, support regulatory compliance, and help realize a more sustainable future for the cruise industry. Our unique, innovative technologies, help operators reduce power demand and fuel consumption, lower emissions, and optimize vessel performance, all while maintaining the highest aesthetic standards.

With a presence in over 660 ports worldwide and a dedicated Seastock offering, PPG combines outstanding products with seamless service, expert support, and reliable logistics to keep cruise fleets pristine and operating at peak efficiency.

PPG's Solutions

PPG SIGMAGLIDE® 2390

Premium biocide-free fouling release coating

- **Power and emission reduction:** Reduces power consumption by up to 20%* and lowers emissions by 35%*, directly supporting cruise operators in meeting IMO GHG targets.
- **Operational reliability:** Ultra-smooth, low-friction coating minimizes drag, ensuring optimal efficiency and improved fuel performance.
- **Environmental compliance:** Biocide-free, low-VOC formulation meets global sustainability standards while supporting passenger expectations for sustainable travel. Vessels coated with PPG *Sigmaglide* 2390 benefit from maximum speed flexibility as they can operate at an average 1 knot higher speed while remaining CII compliant.
- **Idle-time performance:** Maintains effectiveness for up to 150 days
- **Dry Dock efficiency:** Suitable for electrostatic coating application, reducing overspray and waste and improving the work environment for applicators.

*Performance results based on controlled tests.
Actual savings may vary based on vessel operation and conditions.

Electrostatic Application

A smarter, more sustainable coating technique



- **Optimized transfer efficiency:** Electrically charged paint particles are precisely guided towards the grounded surface leading to an exceptionally even distribution and the formation of a uniform and ultrasmooth, long-lasting film layer.
- **Precise and efficient application:** Reduces coating overspray, waste and the need for masking the hull and onboard accommodation areas during application.
- **Sustainability benefits:** Minimizes overspray, waste and VOC emissions, providing a cleaner operation in shipyards and improved working environment for the applicators reducing the overall environmental footprint and aligning with sustainability and ESG goals.
- **Operational benefits:** Minimizes masking time and cleaning time of the dock.

PPG NEXEON™ 810

Ultra-low-friction, copper-free antifouling

- **Power and emission savings:** Reduces GHG emissions by up to 25%*, supporting compliance with evolving EEXI, EEDI, and CII regulations.
- **Idle-time performance:** Maintains effectiveness for up to 60 days
- **Premium appearance:** Ensures long-term color retention and a clean, well-maintained hull.
- **Environmental compliance:** Copper-free coating with reduced biocide content of degradable organic biocides.
- **Dry Dock efficiency:** Suitable for electrostatic coating application, reducing overspray and waste and improving the work environment for applicators.

PPG Seastock Solutions

Optimized onboard coatings management

- **Global supply network:** Serving over 80 countries and 660 ports, we ensure seamless access to onboard maintenance coatings, when and where you need them.
- **Simplified inventory management:** A focused product portfolio of eight products covers 90% of onboard maintenance needs, reducing complexity and improving efficiency.
- **Sustainability and crew safety:** Water-based, ultra-low VOC coatings improve onboard air quality, minimize environmental impact and are also easy and safe to apply for the crew.
- **Digital optimization:** PPG SIGMACARE® PLUS online maintenance tool simplifies coatings inventory control and fleet-wide maintenance planning, supporting operational efficiency.

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