

Intersleek®900

Fluoropolymer foul release coating

Product Description

Intersleek®900 is a fluoropolymer foul release coating designed for all vessel types. Intersleek®900 is suitable for use at Maintenance & Repair or Newbuilding.

Features

Ultra smooth, glossy surface with excellent foul release properties

Biocides are not used to control fouling

Can be applied over existing antifouling systems in good condition (via Intersleek® Linkcoat)

Excellent long term fouling resistance

Flexible with good resistance to mechanical damage

Excellent colour retention

Good hold-up with reduced overspray

Benefits

Control of fuel efficiency and subsequent emissions (up to 9% saving*).

Freedom from biocide restrictions
Control of treatment and disposal costs for wash water/blasting abrasive at subsequent drydockings

Control of conversion costs to the Intersleek®900 system

Flexibility in drydocking schedule

Hull roughness control

Vessel appearance

Remove the need for double application, reduces yard rework and clean-up

* Depending on in service conditions

Product Information

Colour	FXA970 White, FXA971 Grey, FXA972 Blue, FXA977 Red, FXA979 Black
Surface preparation	Intersleek®900 must be applied over Intersleek®737 or Intersleek®731
Volume solids	74% ±2% (ISO 3233:1998)
Typical film thickness	150 microns
Hard dry	20 hours @ 25°C
Minimum application temperature	0°C
Method of application	Airless Spray, Brush, Roller

For each of our products the relevant Product Data Sheet, Material Safety Data Sheet and package labelling comprise an integral information system about the product in question. Copies of our Product Data Sheets and Material Safety Data Sheets are available on request or from our website.

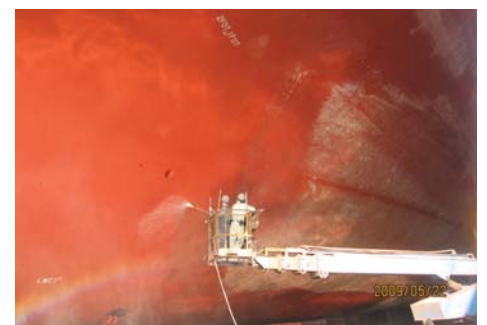
In Service Performance



'Ikuna' achieved a 10% increase in speed with no increase in fuel consumption, effectively meaning one free trip for every ten trips undertaken



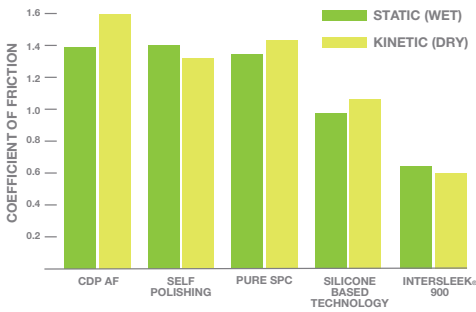
Queen Mary II achieved operational speed using less power compared to previous SPC system



Corona Ace after 31 months in service. Excellent condition, 8% fuel saving reported

Intersleek®900

Drag Reduction



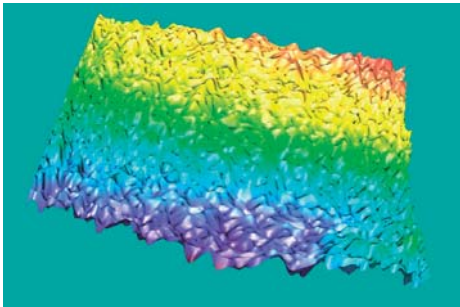
Intersleek®900 gives a significant reduction in coefficient of friction when compared to silicone based technology and more conventional Self Polishing Copolymer (SPC), Self Polishing Antifouling and Controlled Depletion Polymer (CDP) antifouling. This relates to the amount of drag experienced by the vessel; lower coefficient of friction results in reduced energy requirements to propel the vessel.

Measured coefficient of friction

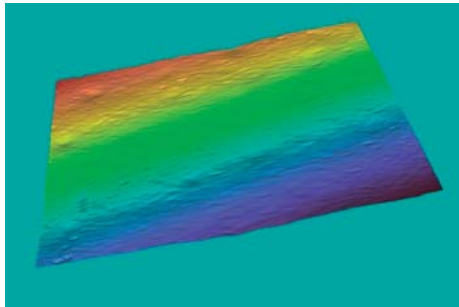
*Reference: ASTM D1894-06 'Static and Kinetic Coefficient of Friction'

Smoother Surface

Intersleek®900 - shows superior smoothness compared to Self Polishing Copolymer (SPC). Average Hull Roughness (AHR) is reduced.



Typical condition of SPC after 2 years in-service. AHR 160-180 microns



Typical condition of Intersleek®900. AHR around 70 microns

Improved Slime Resistance

Test patches of Intersleek®900 show significantly improved resistance to slime build-up compared to silicone foul release technology over long service intervals.



Intersleek 900 test patch on LNG after 30 months



Intersleek 900 test patch on VLCC after 59 months

In Service Performance



Mercator Lines report 9% fuel savings with subsequent greenhouse gas emission reductions



Principe de Asturias reported a speed increase of 3 knots after Intersleek®900 application



Seismic research vessel after 44 months in the Gulf of Mexico showing excellent antifouling performance



Research vessel after 31 months in service off West Africa and 5 weeks static in Walvis Bay, before washing

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International Paint Ltd, Stoneygate Lane, Felling, Gateshead NE10 0JY. Tel: +44 (0)191 469 6111 Fax: +44 (0)191 495 2003



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