

Biocide-free, slime release fouling control coating

Product Description

Specifically designed to tackle the problem of slime on vessel performance, this innovation in the Intersleek® range delivers outstanding micro and macro fouling control with better static resistance even in warm waters.

The patented fluoropolymer technology effectively releases slime even at low speeds. As a result, vessels will have reduced drag, improved fuel efficiency and reduced CO₂ emissions.¹

Features

Patented fluoropolymer technology with enhanced slime release properties maintains performance throughout the docking cycle

Ultra smooth surface reduces drag and fuel consumption¹

Suitable for slow steaming, offering operational flexibility

Biocide-free with high volume solids (72%) for an enhanced environmental profile

Can be applied over existing antifouling systems as part of a linkcoat scheme eliminating the requirement for a full blast, thus reducing the time and cost of conversion to the Intersleek system

Product Information

Colour	FXA991 Grey, FXA992 Blue, FXA997 Red, FXA999 Black
Surface preparation	Must be applied over approved primer system and Intersleek tiecoat (Intersleek 737 or 731). Can be applied direct to intact Intersleek 700, Intersleek 900 and Intersleek 1000 finishes.
Volume solids	72%
Typical film thickness	150 - 200 microns
Hard dry	4 hours @ 25°C
Minimum application temperature	5°C
Method of application	Airless Spray, Brush

¹ In comparison to typical self polishing antifouling products

Vessel Applications



Completed application to 306,283 DWT VLCC vessel.



Completed application to 4,370 DWT Ro-Ro vessel.



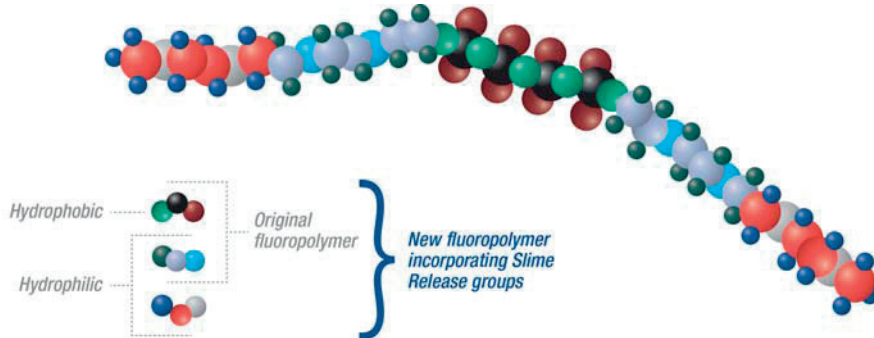
Completed application to 107,157 DWT Tanker vessel.

To find out more visit: www.international-marine.com

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Slime Release Properties

The new patented fluoropolymer technology was developed by enhancing the slime resistant polymer groups used in earlier generations of Intersleek. This modified the surface properties of the coating to specifically influence the settlement and adhesion of slime organisms.

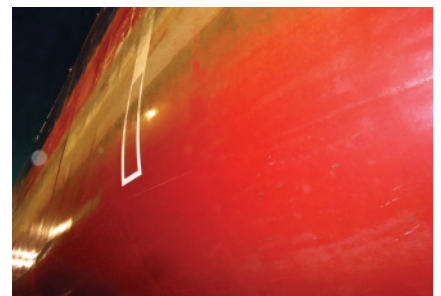


Maintaining a balance between hydrophobic and hydrophilic properties of the coating is important for deterring fouling organisms from settlement.

In-Service Performance



Performance on a LNG tanker after 30 months in-service. Excellent performance with minimal slime level.

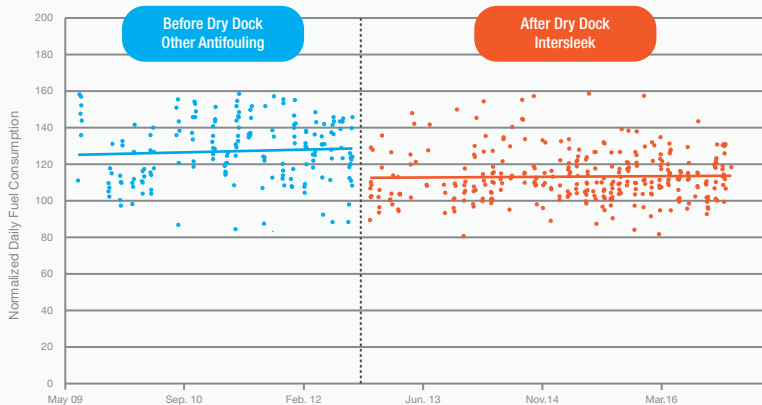


Performance on a container after 5 years in-service with exceptional performance.



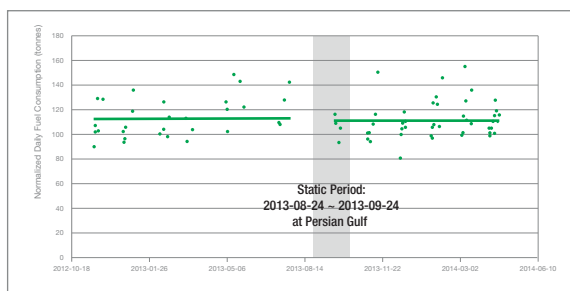
Performance on a Cruise after 3 years in-service with good performance compared to other coating.

Normalized Daily Fuel Consumption



Daily Fuel Consumption Chart

Normalized Daily Fuel Consumption Chart for a LNG vessel showing over 9% fuel savings after 4 years in-service.



Daily Fuel Consumption Chart

Normalized Daily Fuel Consumption Chart for a Deep Sea vessel trading in high fouling challenge middle east region following 30 days static period.



Static Period

Due to ease of slime removal when the vessel returned to service, no increase in fuel consumption was noted.

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.

Unless otherwise agreed in writing, all products supplied and technical advice or recommendations given are subject to the Conditions of Sale of our supplying company and the provisions of the relevant product data sheet.

To find out more visit: www.international-marine.com