

Interswift®6800HS

Self polishing antifouling

Product Description

Interswift®6800HS is a patented, high solids, hydrolysing, self polishing antifouling incorporating unique copper acrylate Self Polishing Copolymer (SPC) technology.

Interswift®6800HS can be used at Newbuilding or Maintenance & Repair for in service periods of up to 60 months.

Features

Incorporates patented copper acrylate SPC technology

Controlled polishing rate

Controlled biocide release

High volume solids (62%)

Surface tolerant

Up to 60 months in service periods

Good mechanical properties

Benefits

Control of maintenance costs
Reduced leached layer

Predictable schemes which minimise coating build up over time

Predictable performance

Faster application
Reduced wastage
Less paint required
Reduced VOC emissions: 348g/lt (EPA Method 24), 184g/kg (EU Solvent Emissions Directive)

Suitable for application over existing antifoulings in good condition

Flexibility in drydocking schedule

Damage resistance

Product Information

Colour	BMA684 Red, BMA688 Brown
Surface preparation	At Newbuilding, Interswift®6800HS should be applied over a recommended primer coating scheme
Volume solids	62% ±2% (ISO 3233:1998)
Typical film thickness	125 microns dry (202 microns wet)
Time to flooding	12 hours @ 25°C (36 month schemes) 36 hours @ 25°C (48-60 month schemes)
Minimum application temperature	-5°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.

Self Polishing Antifouling Technology: Application



Finished application on a 38,000 DWT bulk carrier



Application on a 53,000 DWT bulk carrier

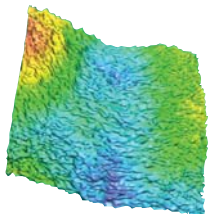


73,000 DWT bulk carrier: finished application

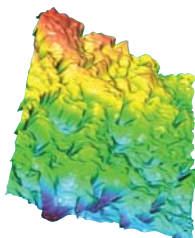
Interswift® 6800HS

Smoother surface

Over time, hull roughness generally increases due to mechanical damage, resulting in higher operating costs. This increase can be offset by the degree of polishing and is dependent on the antifouling type used. For Interswift® technology, the coating surface is found to be 12% smoother than that of a typical Controlled Depletion Polymer (CDP) antifouling.

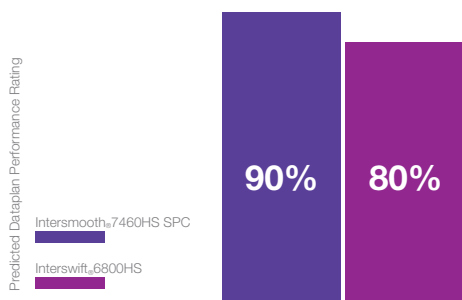


Interswift® after immersion and high pressure fresh water washing. Laser profilometer scan



Typical CDP after immersion and high pressure freshwater washing. Laser profilometer scan.

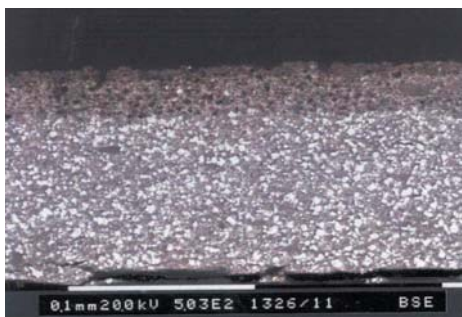
Antifouling Performance



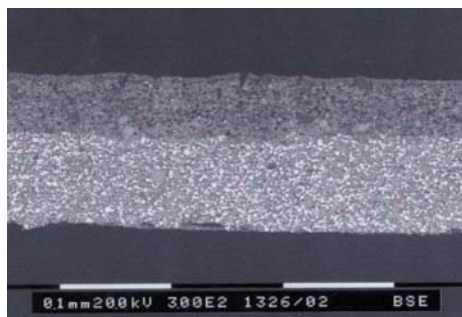
The International® Dataplan system has coating details of over 1.7 billion DWT, 198,000 drydockings and newbuildings, 1.6 million applied coats of paint, 1.3 billion m² of painted steel and full coating performance monitoring for all vessels coated with our products. At each drydocking, vessel details, including drydocking interval and coating performance, are recorded. Antifouling coatings are assessed for the presence of fouling (type, severity and extent) and from this unique database, an antifouling performance expectation rating can be calculated.

Thin Leached Layer

Interswift® 6800HS has a thinner leached layer compared to CDP systems and has better film integrity properties, simplifying the Maintenance and Repair process by reducing surface preparation time.



Interswift® self polishing antifouling, after in-service period. Scanning electron microscope cross section.



CDP antifouling, after in-service period. Scanning electron microscope cross section.

Self Polishing Antifouling Technology: Key Advantages During Application



High volume solids – faster application



Can be applied with minimal surface preparation



Smooth surface reduces drag



Good finished appearance

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

✗, International and all products mentioned in this publication are trademarks of or are licensed to AkzoNobel © AkzoNobel, 2010
International Paint Ltd, Stonegate Lane, Felling, Gateshead NE10 0JY. Tel: +44 (0)191 469 6111 Fax: +44 (0)191 495 2003



August 2010