

Intercept[®] 8000 LPP

New patented linear polishing polymer biocidal antifouling



AkzoNobel

LUBYON[®]

***Revolutionising
predictability
in hull coating
performance***



Introducing Intercept®8000 LPP, a brand new patented biocidal antifouling that will revolutionise predictability in hull coating performance.

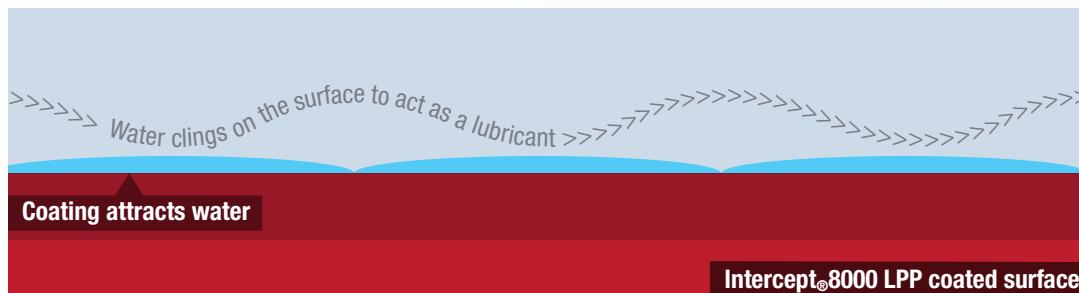
Featuring brand new patented Lubyon® polymer technology, Intercept®8000 LPP provides consistent, predictable linear polishing performance. Specifically designed for the deep sea market, it enables ship owners and operators to plan and budget effectively throughout the docking cycle, for in-service periods of up to 90 months.

New patented Lubyon® polymer technology is unique and replicates the linear polishing behaviour of the shipping industry benchmark tributyltin based antifoulings.

The Lubyon® polymer is 'superhydrophilic', meaning it is water loving. This creates a lubricating effect at the coating surface which

also swells on contact with water helping to smooth out imperfections. This 'lubricious' effect results in a low friction, very smooth and slippery surface on immersion, which is then maintained throughout the lifetime of the coating. With surface friction reduced, it results in less drag with subsequent reduced fuel and emissions savings of up to 5% annual average, compared to typical controlled depletion polymer (CDP) antifoulings.

Unique Lubyon® technology reacts with seawater via a constant surface active zone, releasing the optimal amount of biocide constantly over the scheme life to prevent fouling settlement. This release rate is largely unaffected by seawater temperature.



Superhydrophilic surface



Coating swelling on immersion

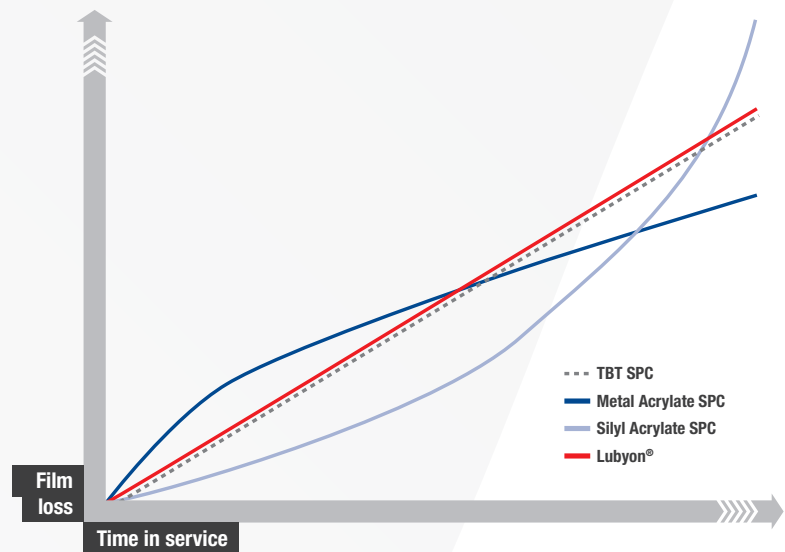
LUBYON®

With Lubyon® technology the polishing rate remains constant throughout the full scheme life.

Unlike typical silyl and metal acrylate biocidal antifoulings, Intercept®8000 LPP replicates the linear polishing behaviour of previous tributyltin based antifoulings. Typical silyl acrylate based products polish slowly initially, thereafter the rate of polishing steadily increases. Whereas typical metal acrylate systems polish fast initially before reaching a steady state.

Designed for the deep sea market at newbuilding and maintenance and repair, the coating has been extensively monitored with in service performance validated on multiple vessel types including containers, tankers, bulk carriers and LNGs representing over 4 million DWT.

Also available is an economical version of Intercept®8000 LPP, Intercept®7000. Derived from patented Lubyon® polymer technology it features all the attributes of a typical mid range biocidal antifouling product, with the added benefit of linear polishing. It is specifically designed for deep sea vessels at newbuilding and maintenance and repair, for in-service periods of up to 60 months.



Linear Polishing

New Intercept® highlights our mission to introduce differentiated, market leading technologies that drive operational, cost and environmental efficiencies for our customers. Intercept® has taken over 10 years to perfect and its development is a result of our continued investment in innovation.



Through the combined expertise of our research scientists, hydrodynamicists and marine biologists, we believe this pioneering technology will revolutionise biocidal fouling control.

““ Frontline is supportive of the development of new innovative products and technologies. ””

Olav Eikrem. Technical Director Frontline.

““ I am very pleased with the finish and look of the vessel after application. ””

Neil McGurk. Independent Coating Superintendent hired by Stolt Tankers b.v.

International Paint Ltd is part of AkzoNobel, the Netherlands based company serving customers throughout the world with coatings and chemicals.

International Paint Ltd,
Stoneygate Lane, Felling
Gateshead, NE10 0JY
United Kingdom



Call: +44 (0)191 469 6111

Fax: +44 (0)191 495 2003

Send an email:

marine.communication@akzonobel.com

Visit our website:

www.international-marine.com/intercept8000LPP

Sign up to keep up to date with our latest news visit

www.international-marine.com/signup



Important Notes:

All representations and statements concerning the product(s) in this publication are accurate to the best of our knowledge. Statements made in this publication are advisory only and are not intended to be specific recommendations or warranties of any kind. To the extent permitted by law, we do not accept any liability to any person for any loss or damage (direct or indirect) that may arise from any use or reliance on any of the methods or information contained in this publication for any purpose.

Unless otherwise agreed in writing, all products supplied and technical advice or recommendations given are subject to our Conditions of Sale.

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: www.international-marine.com

✘ and International® and all products mentioned in this publication are trademarks of, or are licensed to, the AkzoNobel group © AkzoNobel 2013

LUBYON®

Lubyon® technology is a new polymer which is responsible for the production of a superhydrophilic coating surface, reducing drag and improving in-service performance.



Have a smartphone?

Download a QR code reader App and scan the QR code above to view more information online.



This brochure is:



Fully recyclable and biodegradable



Elemental Chlorine Free



ISO 14001
Produced at a mill that holds ISO 14001 certification



When you have finished with this brochure, pass it on to a colleague or recycle