

# Bulker's third survey confirms Intershield®300's durability

The high performance and durability of International Paint's anticorrosive coating Intershield®300 were proven at the third special survey of the M/V 'Eleranta' in June 2010.

The 15-year-old Panamax bulk carrier, built at Samsung in 1995 and operated by V. Ships UK Ltd., had Intershield®300 applied to her ballast tanks at newbuilding. With minimal maintenance through her life to date, a Lloyd's Register class surveyor rated as "good" the condition of the double bottom tank coatings.

The ship's superintendent present at the survey said that the true nature of the coatings, underneath cleaned areas, was "impressive".

"The few inserts insisted upon by Lloyd's Register were as a result of stress and fatigue," he said, "and not due to any coating corrosion. My own opinion is that the main fabric of the topside tanks is still well protected."

The results of this inspection are believed to be the first real life evidence of an anticorrosive coating performing to such a high standard over a 15 year period. The significance of this lies in the fact that the IMO has set out in its Performance Standard for Protective Coatings (PSPC), now a part of SOLAS, the requirement that anticorrosive coatings used in water ballast tanks should remain in "good" condition for at least 15 years.



International Paint Business Development Manager Andrew Cass commented: "Intershield®300 is the industry benchmark in anticorrosive performance and now we have solid evidence that it remains durable and sound over a 15 year period. It is all the more important because the original application on board the 'Eleranta' involved two coats of Intershield®300 of only 125 microns each, rather than the two 160 micron dft coats specified in the IMO regulations. Also there were no sacrificial anodes in the vessel's ballast tanks either. This really is a fantastic result".

**Interested in finding out how your company could benefit from using Intershield®300?**

**Call:**

+44 (0)191 469 6111

**Send an email:**

[marine.communication@akzonobel.com](mailto:marine.communication@akzonobel.com)

**Visit our website:**

[www.international-marine.com/intershield300](http://www.international-marine.com/intershield300)

# Intershield<sup>®</sup>300

## Abrasion resistant aluminium pure epoxy

Intershield<sup>®</sup>300 is our highest performing anticorrosive universal primer, suitable for use at newbuilding and maintenance and repair.

### Outstanding corrosion control

Intershield<sup>®</sup>300's unique balance of abrasion resistance and corrosion control, with over 9% aluminium content, sets it apart from other epoxy technologies, maximising operating efficiency and reducing maintenance costs.

Applied directly over approved shop primer or suitably prepared bare steel, Intershield<sup>®</sup>300 delivers abrasion resistance on the underwater hull, protection against wear and tear on external decks and hatch covers, maintains structural integrity in cargo holds and provides long term corrosion protection in the water ballast tanks.

### Increased shipyard productivity

At newbuilding block stage, various primers are often specified for different vessel areas. Used as a universal primer, Intershield<sup>®</sup>300 eliminates this complexity by replacing several products with a single product for all block sections, simplifying application whilst reducing costs and waste.

In addition, its low temperature cure and flexible overcoating intervals allow year-round application and improve shipyard productivity throughout the coating process.

### Proven compliance

Not only was Intershield<sup>®</sup>300 awarded the first Lloyd's Register Type Approval Certificate, but also independent verification after 15 years in service proves that it protects beyond legislative compliance, exceeding IMO PSPC requirements for water ballast tanks.

### Intershield<sup>®</sup>300HS – Same performance, lower VOC

Developed to help both owners and shipyards comply with local emissions regulations, Intershield<sup>®</sup>300HS is a breakthrough, low VOC (volatile organic compound), high solids formulation which delivers the same outstanding corrosion control the shipping industry has come to expect from Intershield<sup>®</sup>300.



To find out more visit our website:

[www.international-marine.com/intershield300](http://www.international-marine.com/intershield300)