

'Samco Raven' soars with Intershield[®]300

Intershield[®]300 continues to prove its durability, remaining in outstanding condition after 15 years in service in the cargo oil tanks of the 'Samco Raven'.

The 301,653 dwt crude oil tanker had her cargo oil tanks coated with the abrasion resistant, aluminium pure epoxy coating Intershield[®]300 immediately after delivery in June 1996. At her third special survey and planned maintenance at Yiu Lian Dockyard (Shekou), China in August 2011, nine of her fifteen cargo oil tanks were assessed and the coating condition was rated as excellent throughout.

In addition, very little breakdown was observed on edges, weld seams, cut-outs and scallops throughout the tanks with only a small number of minor, isolated spots of corrosion present. No breakdown was visible directly above, at or below the cargo load lines and the coating was in excellent condition in areas surrounding bellmouths and on sharp edges around cargo wells.

"After 15 years in service the coating is in very good condition...in fact, better than good. The tanktops are in excellent condition with very few areas of breakdown."

François Rasclé, Superintendent, V. Ships France SAS
(supervised the drydocking)

With only minimal repairs, the coating is set to continue protecting the cargo oil tanks for many years to come. The 'Samco Raven' is the second vessel to demonstrate Intershield[®]300's sound anticorrosive coating performance over 15 years, following the ballast tank inspection of the M/V 'Eleranta' in June 2010.



No.5 (S) - Upper: No breakdown on edges and weld seams on deckhead.



No.4 (S) - Lower: Excellent general condition of tanktop. Removal of residual oil layer from surface of coating.

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

Call:

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Send an email:

marine.communication@akzonobel.com

Visit our website:

www.international-marine.com/intershield300

Intershield[®]300

Abrasion resistant aluminium pure epoxy

Intershield[®]300 is our highest performing anticorrosive universal primer, suitable for use at newbuilding and maintenance and repair.

Outstanding corrosion control

Intershield[®]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[®]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 areas. Used as a universal primer, Intershield[®]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[®]300 awarded the first Lloyd's Register Type Approval Certificate, but also independent verification after 15 years in service on the M/V 'Eleranta' proves that it protects beyond legislative compliance, exceeding the IMO PSPC requirements for water ballast tanks.

Intershield[®]300HS – Same performance, lower VOC

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

To find out more visit our website:

www.international-marine.com/intershield300