



SeaForce

Efficient fouling protection

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The SeaForce range is an established and world proven assortment of quality antifoulings. The range is designed to provide efficient fouling protection. Developed in Jotun's world leading R&D facility, the SeaForce range is under constant development to meet our customers' needs. Now the introduction of new, improved SeaForce 60 and SeaForce 90 provides even more efficient fouling protection!

Significantly less leached layer in SeaForce 60 and SeaForce 90

Previous SeaForce 60/SeaForce 90



NEW SeaForce 60/SeaForce 90

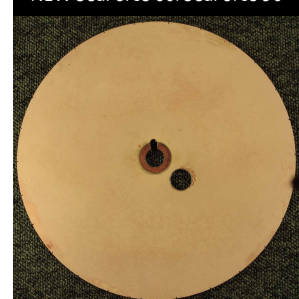


- With new Seaforce 60/SeaForce 90 the leached layer is reduced by up to 50%
- Significantly less leached layer → Better effect of the biocide used → Improved fouling protection
- In the two photos (*right*) the leached layer of the new SeaForce coating is visibly thinner than the previous SeaForce – the red colour is seen through the low leached layer in the new paint.

Previous SeaForce 60/SeaForce 90



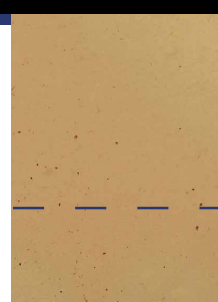
NEW SeaForce 60/SeaForce 90



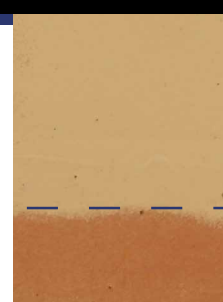
Easier to remove leached layer

- These two photos show high pressure washing of an area of leached layers of previous SeaForce 60/SeaForce 90 (*left*) and new SeaForce 60/Seaforce 90 (*right*).
- The leached layer of new SeaForce 60/SeaForce 90 is easier to remove.
- This feature gives a shorter time for cleaning and improved adhesion when overcoating.

Previous SeaForce 60/SeaForce 90



NEW SeaForce 60/SeaForce 90



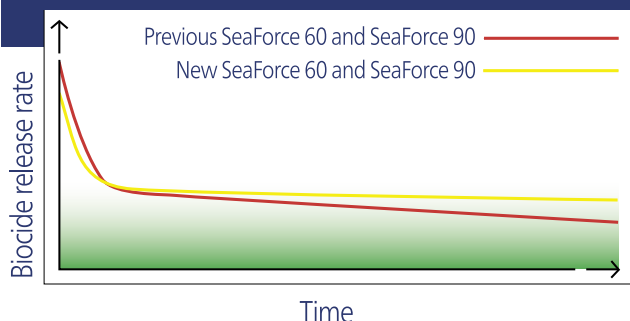
AREA
HIGH PRESSURE
WASHED

In the photos above, lower pressure than recommended was used in order to illustrate the difference between leached layers of previous SeaForce 60/SeaForce 90 and new SeaForce 60/SeaForce 90.

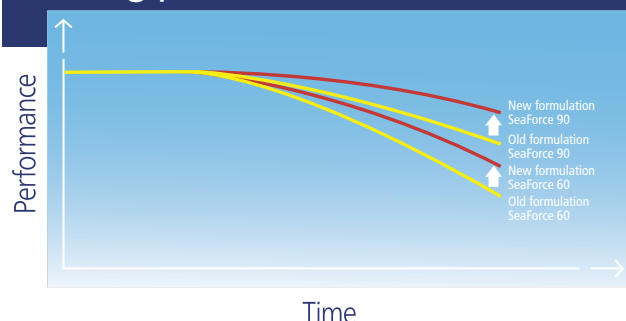
SeaForce – Efficient fouling protection



Improved control of biocide release rate



In total, improved efficient fouling protection



Biocide release and onset of fouling

- As the biocide release rate falls into the green shaded area, fouling by slime and algae may start.
- The lower the rate falls, the greater the chance of fouling.
- SeaForce 90 now incorporates a new and more effective combination of biocides which results in increased efficiency of the fouling protection.

- Reducing the leached layer thickness/better effect of biocides gives an improved performance in both SeaForce 60 and SeaForce 90.

SeaForce 30

- **Up to 60 months efficient fouling protection**
 - Vertical side: 36 months
 - Flat bottom/boot top: 60 months
- **Self-polishing**
- **For vessels operating in global trade**
- **Based on PPT;**
Polymeric Plasticiser Technology (patented)

SeaForce 60

- **Up to 36/60 months efficient fouling protection**
 - Vertical side: 36 months
 - Flat bottom/boot top: 60 months
- **Self-polishing**
- **Low leached layer**
- **For vessels operating in global trade**
- **Based on PPT;**
Polymeric Plasticiser Technology (patented)

SeaForce 90

- **Up to 60 months efficient fouling protection**
 - Vertical side: 60 months
 - Flat bottom/boot top: 60 months
- **Self-polishing with high performance biocides**
- **Low leached layer**
- **For vessels operating in global trade**
- **Based on PPT;**
Polymeric Plasticiser Technology (patented)

SeaForce solutions for Tankers/Bulkers/LNGs/Containers/Barges etc.

PRODUCT	FLAT BOTTOM (months)	SIDE BOTTOM (months)	BOOTTOP (months)
SeaForce 30	60	36	60
SeaForce 60	60	36	60
SeaForce 90	60	60	60

www.jotun.com

Jotun worldwide

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