Intersleek® 1000 is the first fouling control coating to use a patented technology that incorporates bio-renewable raw material to deliver enhanced vessel performance throughout the dry-docking cycle. Based on patented technology, Lanion enables hulls coated with Intersleek® 1000 to maintain an ultra-smooth surface, reducing drag and lowering a vessel’s fuel consumption and emissions.

It is comprised of a number of structurally similar long chain waxy sterols, which are responsible for the fouling release properties of Intersleek® 1000. This technology is also used in a number of other industries from the personal care and medical sectors where it is used to improve skin condition and healing rate to the industrial sector where it is used as a lubricant or to protect ferrous surfaces.

0% Biocides
• No leaching of biocides into the sea
• Enhanced health and safety for applicators
Intersleek® 1000
Biocide-free fouling control coating

LANION® technology
Intersleek® 1000 is the first fouling control coating to incorporate patented bio-renewable sterols. It is comprised of a number of structurally similar long chain waxy sterols, which are responsible for the full release properties of Intersleek® 1000. This technology is also used in a number of other industries from the personal care and medical sectors where it is used to improve skin condition and healing rate to the industrial sector where it is used as a lubricant or to protect ferrous surfaces.

0% Biocides
- No leaching of biocides into the sea
- Enhanced health and safety for applicators
Intersleek® 1000 is our latest fouling control coating with Lanion technology, incorporating bio-renewable raw material. It is exceptionally smooth with very low levels of average hull roughness. This, combined with excellent resistance to fouling, means that all vessels can benefit from this latest fouling control technology.

**Sustainable fouling control with patented Lanion technology coating**

Use of bio-renewable raw material from sheep’s wool in our patented technology allows us to gain the sustainable fouling control at the price of SPC technology.

**Independently validated fuel and emission savings**

Intersleek® 1000 has generated 1,500 carbon credits over a two-year period representing an independently verified fuel saving of 6% by RNA services and The Gold Standard.

**Enhanced vessel performance through smooth hull**

Intersleek® 1000 provides a smooth film resulting in improved efficiencies, which is comparable to ultra-performing self-polishing copolymer antifoulings.

**Less paint and lower VOC emissions**

Intersleek® has higher volume solids and lower required film thickness than SPC systems. The results are a 30-40% reduction in paint volume and 60% reduction in VOC emissions for first time application. At each docking, paint volume required is reduced by over 60%.

**Less waste disposal**

Reduced treatment and disposal costs of wash water, blasting abrasive and paint containers.

**Proven Success**

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**Gold Standard Intersleek Carbon Credits are generated from an award-winning pioneering methodology**

**Gold Standard Carbon Credits**

Intersleek® 1000 is eligible for the generation of Gold Standard carbon credits following the award-winning AkzoNobel methodology. For every tonne of avoided CO2 emissions, the vessel operator can be awarded a single carbon credit after converting to Intersleek® 1000. From the first claim, Intersleek® 1000 applied to one vessel generated over 1,500 carbon credits representing an average fuel saving of 6% in the last two years of service.

**Verified environmental credentials**

Detailed life cycle modeling following ISO standards and independently verified by the Swedish Environmental Research Institute demonstrates that Intersleek® 1000 improves the environmental impact of shipping through reduced paint consumption, waste and volatile organic compounds. With the use of bio-renewable materials, Intersleek® 1000 reduces the carbon footprint even further.

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**Emission savings for a PCC vessel**

Total Emission reduction

Projected future carbon credits

Carbon Credits awarded

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**Proven Success**

Intersleek® provides a comparable performance to Biocidal SPC.

Intersleek® on a PCC vessel in-dock condition after 54 months.

**Gold Standard Intersleek Carbon Credits**

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**Intersleek® 1000**

- **Sustainable fouling control with patented Lanion technology:**
  - Use of bio-renewable raw material from sheep’s wool in our patented technology allows us to offer a sustainable fouling control at the price of SPC technology.

- **Independently validated fuel and emission savings:**
  - Intersleek® 1000 has generated 1,500 carbon credits over a two-year period representing an independently verified fuel savings of 6% by RINA services and The Gold Standard.

- **Enhanced vessel performance through smooth hull:**
  - Intersleek® 1000 provides a smooth film leading to improved efficiencies, which is comparable to ultra-performing self-polishing copolymer antifoulings.

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**More Value, less impact**

- **Verified environmental credentials:**
  - Detailed life cycle modeling following ISO standards and independently validated by the Swedish Environmental Research Institute demonstrates that Intersleek® 1000 improves the environmental impact of shipping through reduced paint consumption, waste and volatile organic compounds. With the use of bio-renewable materials, Intersleek® 1000 reduces the carbon footprint even further.

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Emission savings for a PCC vessel

More Value, less impact

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Reduced treatment and disposal costs of wash water, blasting abrasive and paint containers.

Intersleek® provides a smooth film leading to improved efficiencies, which is comparable to ultra-performing self-polishing copolymer antifoulings.

Up to 6% reduction in fuel consumption, increasing operational efficiency and reducing operating costs.

Effective and low-cost disposal of wash water, cleaning abrasive and paint containers.

More Value, less impact

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Detailed life cycle modeling following ISO standards and independently verified by the Swedish Environmental Research Institute demonstrates that Intersleek® 1000 improves the environmental impact of shipping through reduced paint consumption, waste and volatile organic compounds. With the use of bio-renewable materials, Intersleek® 1000 reduces the carbon footprint even further.

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Intersleek® on a PCC vessel in stock condition after 54 months.

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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.

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