

# The power of sleek. Intersleek.

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Pioneering silicone performance since 1996.

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## 30 years of innovation

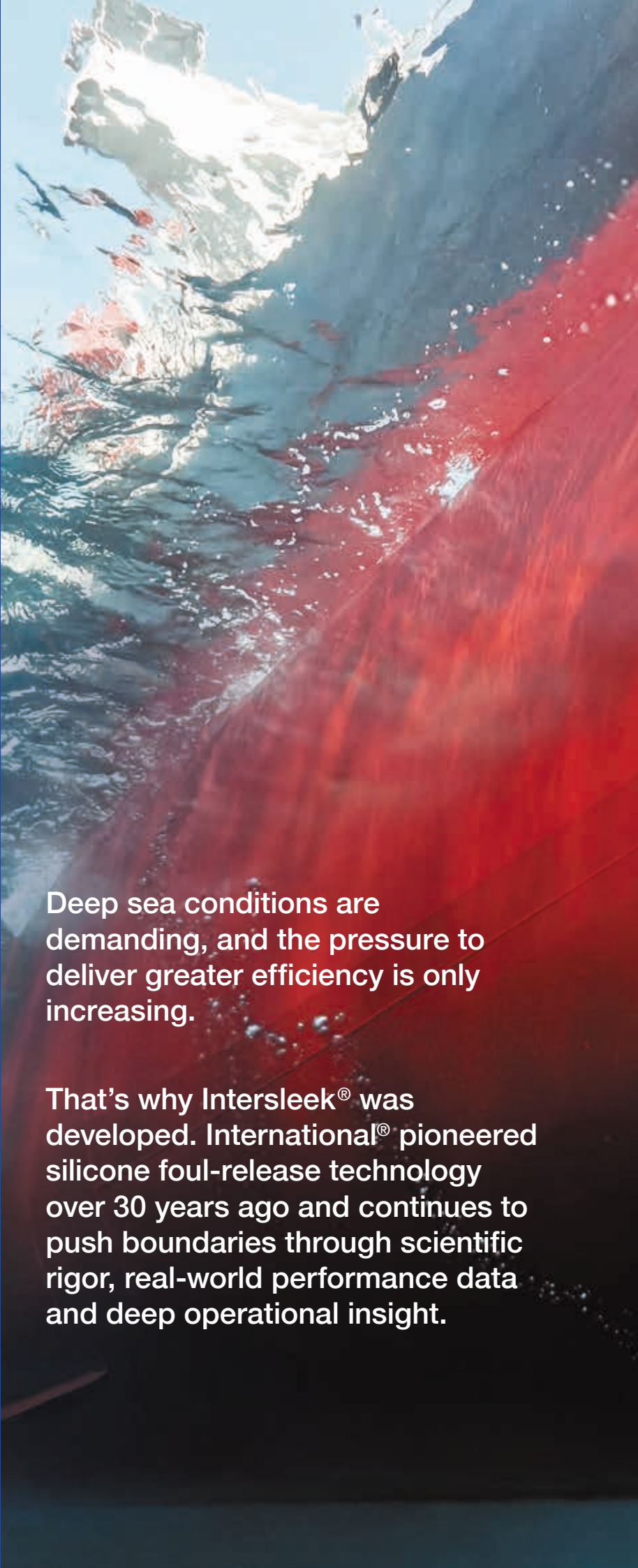
since introducing silicone  
foul-release technology  
in 1996.

## 128.5m<sup>\*</sup> tonnes of CO<sub>2</sub> savings

supporting the shipping  
industry's ongoing efforts  
to reduce its environmental  
footprint.

## \$24.5bn<sup>\*</sup> in fuel savings

delivered since Intersleek  
launch, reducing total cost  
of ownership.



Deep sea conditions are  
demanding, and the pressure to  
deliver greater efficiency is only  
increasing.

That's why Intersleek<sup>®</sup> was  
developed. International<sup>®</sup> pioneered  
silicone foul-release technology  
over 30 years ago and continues to  
push boundaries through scientific  
rigor, real-world performance data  
and deep operational insight.

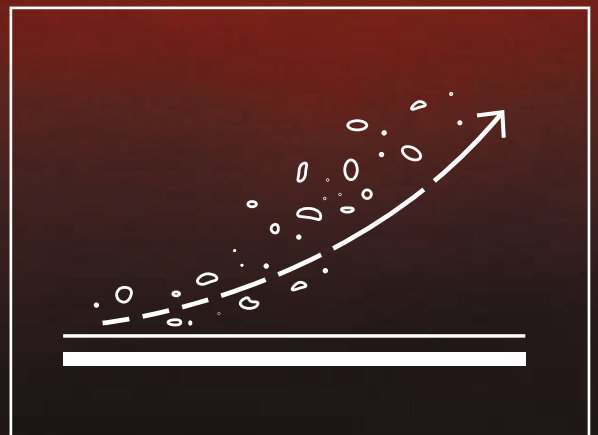
\*Real-world performance data compiled from  
vessels coated with Intersleek

# The sea is our benchmark.

By preventing fouling from settling, our advanced silicone technology delivers a smarter way to control fouling; reducing drag, improving efficiency and supporting decarbonization goals.

With proven performance across thousands of vessels and over multiple decades, International® sets the benchmark for silicone fouling control worldwide.

**The power of sleek.  
Intersleek.**



## **Preventing settlement of fouling**

*Our ultra smooth silicone technology enables the release of fouling by combining hydrophobic and hydrophilic properties, effectively deterring fouling settlement.*

# Intersleek 1100SR

Peak silicone performance.  
Proven at sea.

Intersleek 1100SR is our best-performing silicone foul-release coating, engineered for vessels operating at the highest level.

Its ultra-smooth, amphiphilic surface provides low friction, minimizing drag from day one and maintaining efficiency throughout extended docking cycles.

Built on decades of proven silicone expertise, Intersleek 1100SR delivers consistent results where it matters most: **in service.**

## Specifications

### Product description

Advanced biocide-free silicone foul-release coating

### Intended uses

Newbuilding or maintenance and repair

### Application

Airless spray; Brush; Roller



Container ships



LNG

~1.2%

**Up to 1.2% speed loss**  
Predictable speed retention



**Increased savings  
on CO<sub>2</sub> emissions**  
Across the docking cycle



**Fuel savings**  
Driven by drag reduction



**Reduced drydock  
maintenance**  
Greater lifecycle value

## Data-backed performance. Proven over time.

Backed by decades of real-world data and independent validation, Intersleek 1100SR delivers high efficiency across vessels, trades and docking cycles.

Performance is proven in service, not just under controlled conditions. From high-utilization container ships to LNG and cruise vessels operating under demanding schedules, Intersleek 1100SR maintains a smooth, low-friction surface that enables predictable speed retention and sustained efficiency over time.

This consistency is what sets it apart. Reduced drag is not a one-off result, but a maintained advantage across the docking cycle, supporting fuel savings, lower emissions and fewer operational disruptions.

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Performance</b>  | Ultra-smooth, low-friction surface delivering maximum efficiency and predictable speed retention.             |
| <b>Value</b>        | Extended performance between dockings reduces maintenance and delivers greater lifecycle value.               |
| <b>Future-ready</b> | Reduced fuel consumption and CO <sub>2</sub> emissions through sustained efficiency across the docking cycle. |

# Intersleek 2120

## Bringing silicone performance within reach.

Intersleek 2120 brings the benefits of silicone foul-release technology to vessel operators, providing performance and budget flexibility.

Its smooth, low-friction surface reduces drag and supports efficient operations, offering a practical step forward from traditional self-polishing biocidal antifoulings.

An ideal solution for bulker and tanker operators, Intersleek 2120 delivers reliable, predictable performance aligned with day-to-day operating conditions.

### Specifications

#### Product description

Biocide-free silicone foul-release coating

#### Intended uses

Maintenance and repair

#### Application

Airless spray; Brush; Roller

### Performance

Reliable, low-friction performance aligned with real commercial operating conditions.

### Value

Lower total cost across the docking cycle through reduced application and maintenance.

### Future-ready

Biocide-free silicone technology supporting regulatory compliance and transition from traditional biocidal antifoulings.

~1.4%

**Up to 1.4% speed loss**  
Positioned within its  
competitive set



**Lower drydock cost**  
Compared to common  
industry silicones



**Practical transition**  
From traditional biocidal  
antifoulings



**Faster in-service cleaning**  
Compared to biocidal  
systems

## Built on 30 years of evidence.

Developed from decades  
of proven silicone expertise,  
Intersleek 2120 helps  
operators balance cost  
performance and  
maintenance.

Ideal for real commercial  
operating profiles,  
it delivers consistent,  
predictable performance  
in service, supporting  
efficient operations.



Bulker



Tanker

Expertise and partnership.

# Supporting you from dock to open sea.

Intersleek is built on decades of experience and a deep understanding of how vessels operate in the real world. This expertise is strengthened by data-driven insight, enabling more informed and confident decisions.

From specification and application to in-service optimization, our experts work closely with you to ensure coatings perform as intended, delivering measurable results where they matter most.

Backed by our dedicated in-house hull performance team, we translate data into practical, vessel-specific insights. By continuously monitoring performance and identifying deviations early, we help ensure consistent results in real operating conditions and support more informed operational decisions.

To book a consultation and receive a tailored forecast of fuel savings and CO<sub>2</sub> emissions for your fleet, please visit our website or contact your local International® sales representative.

- Global network of Technical Service Representatives
- Recommendations tailored to operational needs
- Best-practice standards and drydock support
- Ongoing service guidance and performance monitoring
- Decades of trusted customer partnerships



Intertrac Vision.

# Turning data into advice.



Giving the right advice requires more than assumptions. It requires insight grounded in reality. This is where Intertrac® Vision comes in. Drawing on data from thousands of vessels and years of dry-docking events, it models performance, fuel consumption and cost over time across different scenarios.

By combining historical data with cutting-edge machine learning, Intertrac Vision provides a comparative analysis of vessel performance tailored to vessel type, hull form, size, operational profile and fouling challenges. This enables us to work together with vessel operators to simplify the coating selection process and deliver data-driven outcomes.

Our commitment to transparency and measurable results is reinforced by independent verification from Lloyd's Register, who have confirmed that our ISO 19030 analysis is fully compliant with the standard.

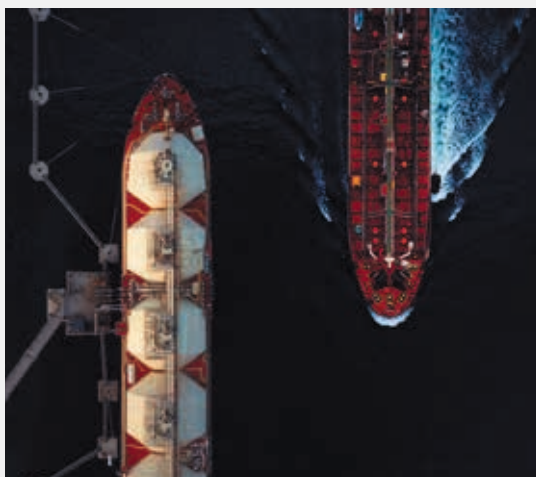
## Supporting sustainable shipping

The industry-leading RightShip initiative recognizes our Intersleek range of biocide-free foul-release coatings as a technology that delivers energy-saving benefits and may be taken into account in RightShip's GHG Rating methodology.



## Maximizing vessel performance through collaboration

Our whitepaper, "Optimizing Vessel Performance for Decarbonization Goals: Managing the Complexities of Hull Efficiency and Fouling Control with Data-Driven Decision-Making," explores how International® marine coatings and a vessel operator collaborated to enhance both vessel performance and sustainability using the Intersleek 1100SR coating.



The case study examines three LNG vessels over a 60-month service period, all coated with Intersleek 1100SR. It underscores the importance of high-quality data and comprehensive reviews in optimizing hull efficiency, reducing fuel consumption and minimizing CO<sub>2</sub> emissions.

The findings highlight the necessity of diverse datasets and specialized expertise to support effective decision-making and ensure compliance with regulatory requirements.

## Scan to read more



Trusted for the long haul.

# Drydock savings built on loyalty.

Over more than 20 years in service, Intersleek has delivered measurable lifecycle benefits across repeated docking cycles. Combining full coats with targeted touch-ups, it maintains efficiency while reducing maintenance and coating repair requirements. The result is simplified maintenance and sustained performance over the vessel's lifetime.

“

*Cases like this, requiring zero full blasts, are rare. To see a vessel stay with the same coating system for over 20 years without ever going back to bare steel is remarkable. It shows what's possible when performance is consistent, predictable and trusted over time.*

”

Chris Birkert,  
Global Marine Segment Manager

20+ years

in service with Intersleek.

0 full blasts

to bare steel required vs.  
common industry silicones.

26% savings

in total drydock costs.

## Crude Oil Tanker

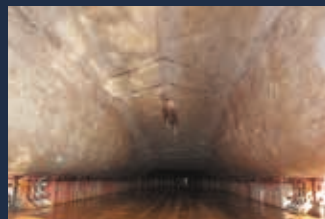
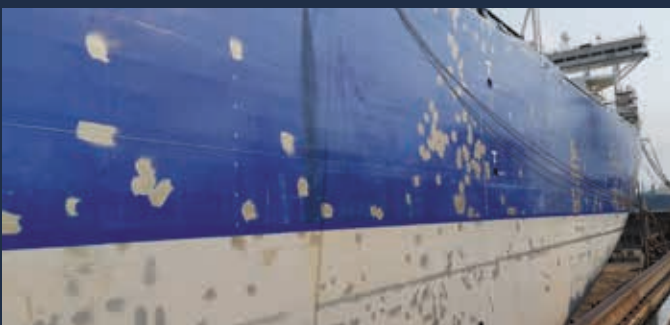
|                  |                      |
|------------------|----------------------|
| DWT              | 142,000              |
| Speed            | 15 knots             |
| Activity Profile | 68% activity >3knots |



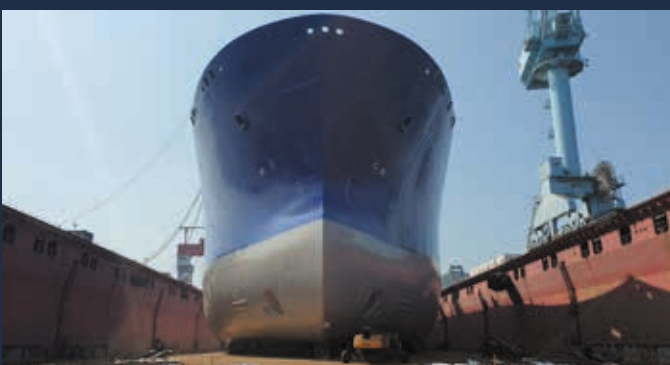
Intersleek application



Intersleek in docking



Intersleek touch-up



Intersleek application

## New Building

2003  
Intersleek 700

## Touch-up

2006  
Intersleek 700

## Re-coat

2011  
Intersleek 900

## Touch-up

2015  
Intersleek 900

## Re-coat

2018  
Intersleek 1100SR

## Touch-up

2021  
Intersleek 1100SR

## Touch-up

2023  
Intersleek 1100SR

## Touch-up

2025  
Intersleek 1100SR

### About International®

International® is a world leader in high-performance marine, protective, and yacht coatings. Onshore and off, International® delivers complete solutions backed by expert service, global support and over 140 years of heritage in innovation and partnership — spanning anticorrosion, passive fire protection, and advanced fouling control to premium aesthetic finishes. International® coatings cover everything from the world's tallest and most sustainable buildings to supertankers and megayachts. International® is a brand of the Marine, Protective and Yacht Coatings business unit of AkzoNobel.

### Propelling you forward

To discover more about our range of fouling control coatings, contact us or visit our website:



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