

RENOLIT MARITIME

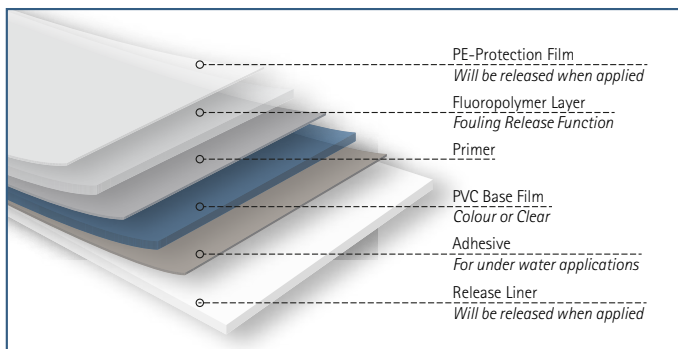
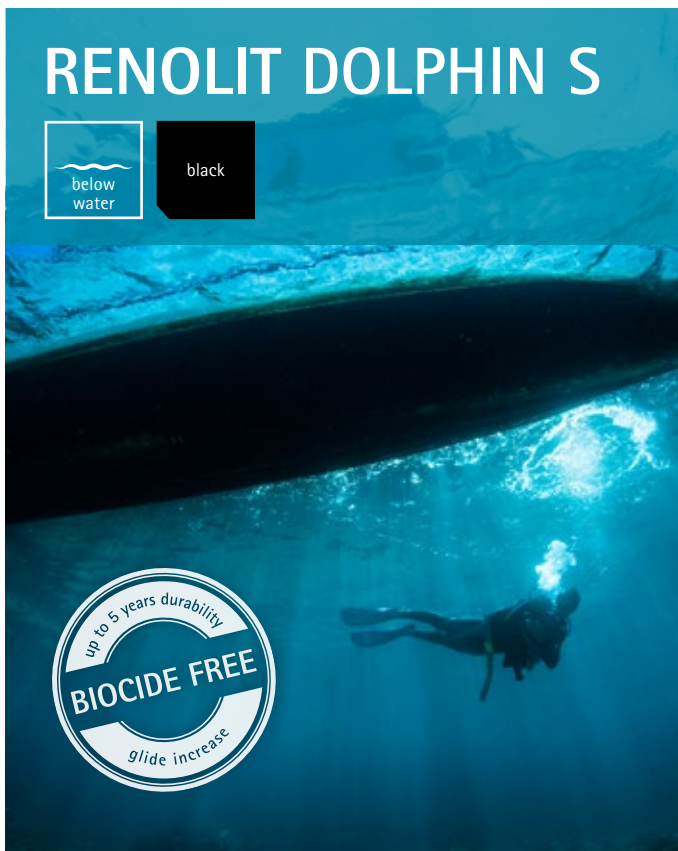
Protective Coating Films: Better performance and cost optimization with Roll Coating Technology



Rely on it.

RENOLIT is setting new standards to solve surface protection challenges that maritime operators face today. The maritime industry is experiencing a continually changing commercial and regulatory environment throughout the world. We are committed to meeting customer's needs by offering protective coatings, which not only perform better and save costs but which are sustainable. Our Roll Coating Technology enables super simple application, keeps surfaces clean, safe and protected. It lasts longer and thus contributes significantly to operational efficiency.

See for yourself and be convinced by the next step in protective coating.



Ready-to-apply best performing Biocide-Free Fouling Release Coating

RENOLIT DOLPHIN S offers an alternative to conventional painting. In line with the concept of "Fouling Release", its high protective quality coating is totally free of biocides. The RENOLIT DOLPHIN S fouling release alternative reliably protects the surfaces longer and performs better. The amphiphilic property is unique in the market and prevents adhesion of a large scope of fouling. Its corrosion protection property, the drag reduction due to the smooth surface and the easy application have a great impact on maintenance costs and operational efficiency.

Features & Benefits

- 3D application
- Amphiphilic fouling release (hydrophobe & hydrophile surface)
- Smoothest surface thanks to Fluoropolymer construction
- Migration free fouling release
- Uniform surface
- Good resistance to abrasion (allows frequent cleaning cycles)
- Up to 12% drag reduction*
- Flexible anti-corrosion (unaffected by substrate dilatation)
- Up to 5 years durability

Lower total costs of ownership

Suitable for



* 20 knots in comparison to conventional anti fouling coating



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Benefits RENOLIT DOLPHIN S



Easy Preparation

- Same surface preparation as paint
- No masking of surrounding surfaces, no overspray

Simple Application

- No silicone contamination
- Fit for various shapes
- Can be applied at temperatures between 10 and 30 °C and in high humidity zones
- Ready and easy-to-apply (no component mixing, no pot life)
- No risk of flammability (maintenance jobs can be done in parallel)
- "Instant functionality" delivered (one layer, no curing time)



Saves Time

- Easy to Clean
- No masking of surrounding surfaces, no overspray
- Maintenance work (welding) can be done in parallel
- No drying time
- Quick and easy repairs with film patches



Harmless to humans and the environment

- Biocide free
- No volatile organic compounds (VOC) are released
- Easier Health Safety Environment (HSE) management
- Easier and cheaper waste management



Better Surface Protection

- Amphiphilic property
- Smooth surface
- Good resistance to abrasion and scratches
- Two times anti-corrosion barrier: adhesive and film
- Efficient protection due to uniform thickness and constant quality
- Can absorb surface dilatation
- Up to 5 years functionality

Initial	6 months	12 months	24 months
	NO FOULING	NO FOULING	NO FOULING

Test results of static tests conducted in Indian Ocean



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