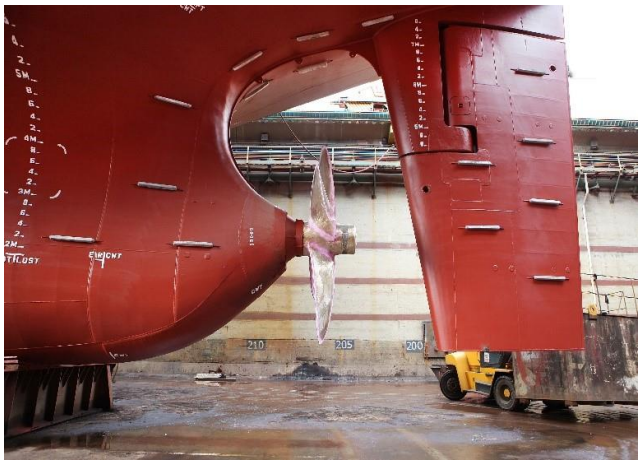
PARAFOULING®

BIOCIDE-FREE ANTIFOULING VARNISH



PRODUCT DESCRIPTION

Antifouling is a paint that is applied to the hull of a boat, the propellers, the keel and all submerged elements, in order to protect them and prevent aquatic organisms (bacteria, unicellular algae, green algae, barnacles, sponges, marine worms, etc.) attach themselves to it.

Without antifouling, aquatic organisms develop on the hull, causing:

- Reduced browsing speed.
- Significant increase in fuel consumption.
- In some cases, impossibility of sailing upwind.

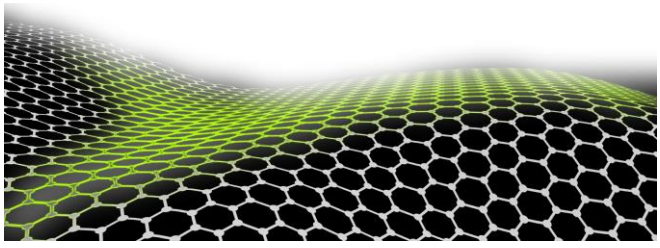
Conventional antifouling paints contain high concentrations of chemicals toxic to marine life which gradually diffuse into the aquatic environment.

Made up of a hard silicate-like matrix containing graphene for better resistance to friction and to improve the non-stick effect, **PARAFOULING®** is without biocide or any other toxic component.

Thanks to its innovative graphene technology, **PARAFOULING®** durably protects your hulls, reduces your fuel consumption while fully respecting the environment.

BENEFITS

- **Does not contain biocide.**
- Ecological, does not release toxic product.
- The substances used comply with European REACH legislation.
- Applicable on most materials.
- Applicable on all parts submerged or not.
- Quick application.
- Monolayer.
- Reduces downtime.
- Very high covering power.
- Minimum wear of 24 months (compared to only 12 months for classic antifouling's).
- Improves glide and, at equivalent engine speed, the speed of the vessel by 3 to 5%.
- Reduces fuel consumption by 3-5%.
- Can be applied outside fairing areas.



3D illustration of Graphene molecules.

FEATURES

Features	Average Values
Matrix type	Hard
Hull Type	Polyester, steel, aluminium, wood
Navigation area	**Low to high soiling**
Grounding	Yes
Browsing speed	0 à >25 Knots
Hardening mechanism	**Solvent evaporation and crystallization**
Number of layers	1
Drying time	3h to 4h
Time before launching	24h minimum
Packaging	0,75 L
Density	0,84 ± 0.05
Recommended thickness	1 à 5 µm dry
Thickness not to exceed	10 µm dry
Practical performance	25m² for 750 ml
Operating temperature	+10°C to +35°C
Hygrometry	<85%
Dilution	0 %
cleaning solvent	**Alcohol**

Graphene, a “natural” material derived from graphite, is an innovative carbon material with amazing properties. Often described as a "miracle material", graphene is the lightest, thinnest, strongest, most durable, waterproof and best thermal conductor material known. Graphene also has the highest lubricity or the lowest coefficient of friction of any known material.
To learn more about graphene:
https://www.calameo.com/books/0071598342606 7512cfe0

INSTRUCTIONS FOR USE

Media status: Clean and adherent.

- Shake the packaging well before use to guarantee a good homogeneity of the product.
- **PARAFOULING®** applies pure in one layer, do not dilute.
- Apply using an HD hard foam roller or HVLP sprayer.

- The quantity deposited must not be greater than 50 gr/m², the minimum quantity to obtain good efficiency is 10 gr/m².
- A 750 ml canister is enough to treat the hull of a 12 to 14 m vessel.

The exceptional mechanical resistance of graphene guarantees to **PARAFOULING®** a longevity of at least 2 years.

PACKAGING

Metal bottle of 750 ml totally recyclable.

CONSUMPTION

- Yield: approximately 25 m² per 750 ml bottle. A 750 ml container is enough to treat the hull of a 12 to 14 m boat.

STORAGE

- Store away from frost and heat in a dry place: temperature between 5°C and 30°C.
- Maximum storage time: 1 year in original packaging.
- Remember to recycle empty packaging.

HANDLING & SAFETY

- This product is labelled as dangerous due to the presence of solvent in its composition.
- After drying, **PARAFOULING®** becomes completely inert and poses no danger to the environment.
- If spraying, use protective goggles.
- Gloves recommended..
- **KEEP OUT OF REACH OF CHILDREN**

Product developed and manufactured in France

éco PRISME®

Société à Mission pour l’Environnement

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