PARAFOULING®

BIOCIDE-FREE ANTIFOULING VARNISH

PRODUCT DESCRIPTION

PARAFOULING® is an antifouling varnish made up of a hard silicate-like matrix containing graphene, a revolutionary material with extraordinary properties.

PARAFOULING® ensures a smooth film, with low surface tension which prevents the attachment of marine organisms to the hull and the propellers and facilitates their detachment when the boat is in motion.

Conventional antifouling's contain high concentrations of toxic chemicals which gradually diffuse into the aquatic environment. Without biocide, **PARAFOULING®** is completely harmless to marine flora and fauna.

PARAFOULING® can be applied on all types of substrates, very simply in a single coat.

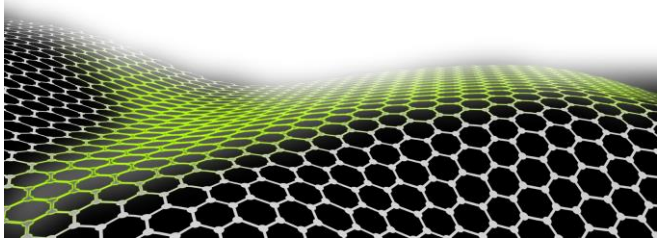
The exceptional resistance of graphene allows **PARAFOULING®** to remain effective for at least 2 years, thus limiting costly fairing operations.

PARAFOULING® will reduce draft friction forces. Drag is thus reduced, increasing speed and reducing fuel consumption by 3 to 5%.

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

BENEFITS

- Does not contain biocide.
- Ecological, does not release toxic product.
- Simple and fast one-coat application on most materials.
- Very high covering power.
- Lasts for at least 24 months (compared to only 12 months for classic antifouling's).
- Reduces downtime and maintenance.
- Applicable on all parts submerged or not. (Hull, propeller, rudders, keels, transmissions, foils, etc.).
- Improves speed by 3-5%.
- Reduces fuel consumption by 3 to 5%.
- Very fast payback.



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.

- Mix **PARAFOULING®** before use, with a mixer, at low speed, for 2 minutes in order to guarantee a good homogeneity of the product.
- **PARAFOULING®** must be applied 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.

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

PACKAGING

Recyclable metal container 27 liters.

CONSUMPTION

- Yield: approximately 35 m²/L.

A 27L container covers approximately 900 m².

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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