



ANTIFOULING SYNTHETIC ENAMEL ENRICHED WITH GRAPHENE

PRODUCT IDENTIFICATION

Product name: **ANTIFOULING PAINT ENRICHED WITH GRAPHENE**

Product description: Impregnation paint, water based and raw biological agents. It is highly stable, which ensures good adhesion during storage and handling.

storage and handling. Allows the net to be stored in a more compact form and therefore saves space. Easy to handle.

Recommended uses: Antifouling paint and impregnation of nets in salmon farming. Prevents the incrustation of algae, crustaceans and mollusks almost completely. This product can resist 12 months depending on the climatic and aggressive fouling conditions in the different seasons. Can be also used for ships and vessels.

TECHNICAL INFORMATION

Active Principle: Crude hydroalcoholic extracts of Bioshave and Bioshield enriched with Graphene, Piper nigrum and Allium spp.

Color: Colorless.

Specific Gravity (20°C): 1.20 Kg/L +/- 0.03.

Solids %: 40 +/-2.

Recommended yield: 0.7 - 0.9 liters of product / kg net. The absorption of the paint will depend on the condition and characteristics of the net fiber.

APPLICATION DATA

Method of application: Immersion.

Diluent: Fresh water (if necessary).

Pretreatment: The nets used must be previously cleaned, very well washed and then dried.

APPLICATION AND METHOD OF USE: The product should be kept homogeneous during the whole impregnation process. Slow agitation is recommended (less than 300 rpm). Impregnate the net in a tank or immersion tub for 20 minutes, then hang and dry. After this drying, the net can be stored for a long time before being used, but at least 72 hours must elapse before falling into the water. The paint, while still dry to the touch, requires some time to rest before it comes into contact with

water, in order to properly complete the film formation and achieve the necessary water resistance to achieve the expected durability and effect.

DRYING TIMES

Drying Times	Ambient Temperature	Relative Humidity
10 C	5 hours	40
25 C	2 hours	40
40 C	1 hour	20

Drying can be accelerated in dryers, where the maximum exposure temperature of the nets should not be higher than 0 C. The term "dry" is defined as "dry to the touch" but does not transfer paint to the hand.

STORAGE AND PACKAGING.

Storage: The product must be stored according to International Standards. Containers should be kept hermetically sealed. The storage temperature should not be lower than 5 C.

Container contents: 200 liters.