

## Sea Queen Antifouling

### Product Description

Wide range performance antifouling formulation that is based on active copper. Self-Polishing Coating that responds well to algae (soft fouling) and to microorganisms (hard fouling) of the marine environment. Ideal for all types of vessels coming out of the water in winter. It can be applied on yachts with speed up to 40knots. It conforms to the strictest National and International Regulations of the International Maritime Organization (IMO).

### Recommended Use

Antifouling protection coating for coastal, closed-sea or even international traveling, as long as the maximum duration of continuing idle time does not exceed 60-days. Universal performance formulations.

### Technical Specifications

<b>Type</b>	▶	Antifouling Paint based on Copolymer Resin
<b>Color</b>	▶	Red Brown / Red / Blue / Black
<b>Components</b>	▶	Single Component
<b>Thinner/Solvent</b>	▶	NanoPhos Thinner B
<b>VOC (Volatile Organic Compounds)</b>	▶	500 gr/L <sup>1</sup>
<b>Solids (% vol)</b>	▶	60±3
<b>Touch Dry Time</b>	▶	30min @20°C (*)
<b>Dry Through Time</b>	▶	5h @20°C (*)
<b>Min. Recoat Interval</b>	▶	4h @20°C (*)
<b>Water Resistance</b>	▶	Excellent
<b>Abrasion Resistance</b>	▶	Very Good

(\*) Drying times differentiate in minimum or maximum values. Maintain recommended values during application. Coverage rate is Theoretical and does not include any losses

### Surface Preparation

**Compatible Coats:** All surfaces should be clean, dry and free from oil, grease and other foreign matters or contamination. Preparation according to ISO 8502-3:1992 Test for the assessment of surface cleanliness.

#### NanoPhos S.A.

PO Box 519, Sci. & Tech. Park of Lavrio, 1st Km. Lavrio - Athens Ave., 19500 Lavrio, Greece  
T. (+30) 22920 69312 | F. (+30) 22920 69303 | E. [info@nanophos.com](mailto:info@nanophos.com) | W. [www.NanoPhos.com](http://www.NanoPhos.com)

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### Application Instructions

<b>Conventional Spraying ▶</b>	Paint pressure pot with power agitator, double air regulators, moisture trap, 1/2" ID fluid hose, 5/16" ID air hose, DeVilbiss 510 gun, "E" tip and needle, 74 or 78 air cap.
<b>Airless spray ▶</b>	Minimum pump: 30:1, Nozzle: 19-23
<b>Brush ▶</b>	Recommended application method only for stripe coating or small narrow areas.

This product is intended for professional use only. Applicators and operators must be trained, experienced and have the ability and equipment to mix / mix and apply coatings correctly and in accordance with NanoPhos technical documentation. Applicators and operators must use appropriate personal protective equipment when using this product. This guideline is given based on current knowledge of the product. To be used in well-ventilated conditions.

### Coverage

#### FILM THICKNESS PER COAT

	Minimum	Maximum	Recommended
<b>Dry Film Thickness (µm):</b>	60	150	100
<b>Wet Film Thickness (µm):</b>	92	231	154
<b>Spreading Rate (m<sup>2</sup>/L):</b>	10.8	4.3	6.5

The drying time varies between minimum and maximum values. Maintain recommended values during application. The coverage rates are theoretical and do not include fees.

### Storage

Store in the original closed packaging, in a well-ventilated area, at a temperature of 5°C to 35°C, away from sunlight and frost.

### Health and Safety

Read the product label before use. The Safety Data Sheet is available on [www.NanoPhos.com](http://www.NanoPhos.com) or on request by contacting NanoPhos by email: [info@NanoPhos.com](mailto:info@NanoPhos.com) or by phone: 2292069312.

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Available Packaging

Metal canisters: 1L, 2.5L, 5L & 20L

**Notes & Precautions:** Adverse weather conditions during or after the product application may affect the properties of the coating. Storage of closed containers, in controlled dry and enclosed space, away from sources of ignition and temperatures from 5oC to 35oC, for up to 18 months. The Technical Data should be read in conjunction with the Safety Data Sheets. The current edition of this technical data sheet automatically cancels any previous one concerning the same product. For more information, please contact NanoPhos: [info@NanoPhos.com](mailto:info@NanoPhos.com)

▪ The technical data sheets and the recommendations for using NanoPhos products are based on our scientific knowledge, laboratory studies, and long-term experience. Therefore, the information provided must be considered indicative and subject to constant review in relation to the circumstances and each practical application. Furthermore, the product's suitability should be examined in each case for each specific use. The end-user bears complete & exclusive responsibility for any side effects that may arise from the incorrect use of the product.

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