

SeaPrince Antifouling

Product Description

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

Recommended Use

Antifouling protection coating for coastal, closed-sea or even international traveling. Universal performance formulations.

Approvals And Certificates

Approved by Lloyd's Register, in accordance with the requirements and the standards of IMO Antifouling System Convention. Certificates can be provided upon request.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm):	75	150	110
Wet Film Thickness (µm):	125	250	185
Coverage Rate (m ² /L):	8	4	5.50

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

Properties

Type ▶	Antifouling Paint based on Copolymer Resin	Touch Dry Time▶	30min @ 20°C
Components ▶	Single Component	Dry Through Time ▶	5h @ 20°C
Color ▶	Red Brown / Red / Blue / Black	Min. Recoat Interval ▶	4h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Induction Time ▶	-
Mixing Ratio ▶	Single Component	Flash Point ▶	22°C
VOC ▶	<500 g/L	Water Resistance ▶	Excellent
Solids (%vol.) ▶	60±2	Abrasion Resistance ▶	Very Good

PREPARATION

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.

Application

The application of paint can be done through conventional sprayers, airless sprayers and roller or brush. These are indicative methods of application and it is to the judgement of each person which method he will apply. Brush or roller application is recommended for stripe coating or small areas. Substrate temperature should be minimum 5° and at least 3°C above air dew point. Good ventilation is required to ensure proper drying.

Paint System

Preceding: EPR Epoxy Primer, ETC Epoxy Tie Coat, VPR Vinyl Primer

Subsequent: -

Health And Safety

- I. Use normal precautions such as gloves, facemasks.
- II. Adequate ventilation must be maintained.
- III. Explosion proof lights & electrical equipment.
- IV. Non- Sparking shoes & tools for workers in area.
- V. This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- VI. Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Available Packaging

- Metal canisters: 5L & 20L

Notes & Precautions: Storage of closed containers, in controlled dry and enclosed space, away from sources of ignition and temperatures from 5°C to 35°C, for up to 18 months. The Technical Data should be read in conjunction with the Safety Data Sheets and Coating Technical Specification. This product is for professional use only. For more information please contact NanoPhos Marine: www.NanoPhos-Marine.com