

VPR Single Component Underwater Primer

Product Description

VPR Single Component Underwater Primer is a single component vinyl based primer, formulated with anticorrosive inhibitors. Applicable on fiberglass and metal surfaces to hinder galvanic corrosion. It can also be used as a sealer coat to enhance compatibility with NanoPhos' antifouling coatings. VPR can also be applied on wooden surfaces. Proper preparation of application substrate (e.g. sanding) is highly recommended.

Recommended Use

Only as a primer, before the application of protective or antifouling coatings.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm)	40	100	80
Wet Film Thickness (µm)	100	250	200
Coverage Rate (m ² /L)	10	4	5

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 ▶	Vinyl Based Primer	Touch Dry Time ▶	20min @ 20°C
Components ▶	Single Component	Dry Through Time ▶	3.5h @ 20°C
Color ▶	Grey	Min. Recoat Interval ▶	4h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Induction time ▶	-
Mixing Ratio ▶	Single component	Flash Point ▶	>28°C
VOC ▶	<600 g/L	Water Resistance ▶	Excellent
Solids (%vol.) ▶	40±2	Abrasion Resistance ▶	Very Good

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.

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 judgment of each person which method he will apply. 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

Please contact NanoPhos Marine for more information.

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: 1L, 2.5L, 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