

ENM Enamel

Product Description

ENM Enamel is a gloss alkyd finish coating possessing excellent color stability and gloss retention for interior and exterior applications. Ideal for outside hull, exterior application. Engineered for application over alkyd primers. **ENM** offers long-lasting performance and anticorrosion protection. Optimized Rheology makes it easy to apply on vertical surfaces, even in presence of high moisture levels. Excellent adhesion to most conventional top-coatings. White color option is an excellent cool paint for thermal insulation, through heat (Infra Red) reflection.

Recommended Use

As a finish coat for boottop, topside, deck and deck equipment. A quick drying, hard, water resistant coating. Can be applied over intact existing conventional systems and over suitable primers. Good adhesion properties in wet and dry exposure conditions.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm):	50	100	70
Wet Film Thickness (µm):	100	200	140
Coverage Rate (m ² /L):	10	5	7

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 ▶	Alkyd Modified	Touch Dry Time▶	1h @ 20°C
Components ▶	Single Component	Dry Through Time ▶	2h @ 20°C
Color ▶	Color Card	Full Curing ▶	24h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Min. Recoat Interval ▶	7h @ 20°C
Mixing Ratio ▶	Single Component	Flash Point ▶	>23°C
VOC ▶	<380 g/L	Water Resistance ▶	Excellent
Solids (%vol.) ▶	50±3	Abrasion Resistance ▶	Excellent

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 according to ISO 8501-3:2006 Visual assessment of surface cleanliness.

Application

Conventional Spraying ▶	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.
Airless Spraying ▶	Minimum pump: 30:1. Nozzle: 13-19
Brush ▶	Recommended application method only for stripe coating or small areas.

Substrate temperature should be minimum 5°C 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, 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