

## EEN Epoxy Enamel

### Product Description

EEN Epoxy Polyamide Enamel, with high gloss, excellent resistant against weathering and excellent abrasive resistant.

### Recommended Use

As a finish coat for topside, Decks, Cargo Holds, Superstructures. A quick drying, hard, chemical resistant coating. Can be applied over intact existing conventional systems and over suitable primers. Good adhesion properties in wet and dry exposure conditions.

### Approvals And Certificates

Approved by DBI (Danish Institute of Fire and Security Technology), in accordance with the requirements and standards of IMO for low flame-spread (Reference to IMO 2010, FTP Code, Part 5). Certificates can be provided upon request.

### Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm):	50	100	80
Wet Film Thickness (µm):	77	154	123
Coverage Rate (m <sup>2</sup> /L):	13	6.5	8

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

### Properties

<b>Type ▶</b>	Epoxy Polyamide	<b>Touch Dry Time▶</b>	1h @ 20°C
<b>Components ▶</b>	Base A & Hardener B	<b>Dry Through Time ▶</b>	8h @ 20°C
<b>Color ▶</b>	Color Card	<b>Min. Recoat Interval ▶</b>	Not applicable 24h @ 20°C if needed
<b>Thinner/ Cleaning Solvent ▶</b>	NanoPhos Thinner A	<b>Induction Time ▶</b>	15min @ 20°C
<b>Mixing Ratio ▶</b>	4:1, A:B per volume	<b>Flash Point ▶</b>	>23°C
<b>VOC ▶</b>	<450 g/L	<b>Water Resistance ▶</b>	Excellent
<b>Solids (%vol.) ▶</b>	65±3	<b>Abrasion Resistance ▶</b>	Excellent
<b>Max. Pot Life ▶</b>	6h @ 20°C		

## 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

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: 15-21
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

- 5L unit (Total 5 liters in two metal canisters | 4:1, A:B per volume)
- 20L unit (Total 20 liters in two metal canisters | 4:1, A:B per volume)

**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](http://www.NanoPhos-Marine.com)