

ETC Epoxy Tie Coat

Product Description

A two component, tar free, epoxy tie coat, with good anti-corrosive and adhesion properties. Ideally used as a tie coat to improved anticorrosive protection above and below water line.

Recommended Use

As a tie coat between primer and anti-fouling paints and Polyurethane paints.

Film Thickness Per Coat

| | Minimum | Maximum | Recommended |
|-----------------------------------|---------|---------|-------------|
| Dry Film Thickness (µm) | 45 | 125 | 75 |
| Wet Film Thickness (µm) | 60 | 167 | 100 |
| Coverage Rate (m ² /L) | 16 | 6.0 | 10 |

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 ▶ | Epoxy Polyamide | Touch Dry Time▶ | 30min @ 20°C |
| Components ▶ | Base A & Hardener B | Dry Through Time ▶ | 8h @ 20°C |
| Color ▶ | Red Brown / Cream / Grey | Full Curing ▶ | 10d @ 20°C |
| Thinner/ Cleaning Solvent ▶ | NanoPhos Thinner A | Min. Recoat Interval ▶ | 10h @ 20°C |
| Mixing Ratio ▶ | 4:1, A:B per volume | Max. Recoat Interval ▶ | 3d @ 20°C |
| VOC ▶ | 450 g/L | Induction Time ▶ | 15min @ 20°C |
| Solids (%vol.) ▶ | 75±3 | Flash Point ▶ | >23°C |
| Max. Pot Life ▶ | 6h @ 20°C | Water Resistance ▶ | Excellent |
| | | Abrasion Resistance ▶ | Good |

Min. Recoat interval is for over coating with SeaQueen Antifouling.

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

| | |
|--------------------|---|
| Airless Spraying ▶ | Minimum pump: 30:1. Nozzle: 19-23 |
| 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 5L in two metal canisters | 4:1, A:B per volume)
- 20L unit (Total 20L 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