



OptiProp Top Coat

Product Features

Description

F2 OptiProp Top Coat is a pigmented, ready-to-use foul-release finish coat for the F2 OptiProp Advanced Fouling Release system, applied over the F2 OptiProp Tie Coat. Delivered in a convenient kit format, it is biocide-free and contains no solvents, heavy metals, or other toxic chemicals.

Powered by Zeronic™ technology at the system level, OptiProp delivers an ultra-smooth, low-adhesion surface that makes fouling easier to remove—reducing cleaning time and maintenance costs.

Recommended Use

For propellers and underwater running gear on sail and power vessels at new build or during maintenance & repair. Use as the finish coat within the F2 OptiProp system after proper surface preparation and application of F2 OptiProp Tie Coat.

Environmental Profile

Formulated for minimal environmental impact when used as directed: biocide-free, solvent-free, and free from heavy metals and toxic additives. Suitable for use in areas where conventional biocidal antifouling is restricted or not permitted.

Composition

Flowable single-component hybrid polymer coating

Product Safety

Flash point approx. 400°C

Viscosity < 100 Ps at 20°C

VOC content < 0.3 g/L (EPA Method 24)

Safety Precautions

Application should follow the instructions in this datasheet, the safety data sheet, and container instructions. National occupational health and safety regulations must be observed.

Product Data

Color

Bronze

Finish

High gloss

Solid Volume

99,8 %

Recommended Layer Thickness

100 microns (wet and dry)

Theoretical Coverage

2.5 sq metres per 3 x 250 ml kit

Density

0.96 g/cm³

Available Packaging

3x 250ml Kit
(other sizes upon request)



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HIGH PERFORMANCE COATINGS

The logo features a blue circle containing the text 'F2' in a large, bold, sans-serif font. Below 'F2' is the tagline 'FOULING FREEDOM' in a smaller, all-caps, sans-serif font. To the right of the circle, the product name 'OptiProp Top Coat' is written in a large, bold, blue sans-serif font.

F2 OptiProp Top Coat

Surface Preparation

Surface Cleaning

The surface to be coated must be sound and free of grease, dust, laitance, dirt and other barrier materials.

Pre-coating

Surfaces must be pre-treated with F2 OptiProp Tie Coat. F2 OptiProp Tie Coat has no maximum overcoating time.

Application

Thinner

Do not dilute

Application Method

Brush or roller (felt or foam roller)

Application Conditions

Air temperature must be above 5°C during application and curing. Surface temperature must be at least 3°C above the dew point. Relative humidity should be below 90% to prevent condensation during application and drying.

Application Notes

- Material is ready to use. Stir thoroughly before use.
- Apply one layer of F2 OptiProp Top Coat with a brush using a laying off technique.
- Allow to cure usually 4 hours at 20°C.
- Wait 24 hours before returning the vessel to water.
- **Full cure: 3 days. Do not operate propellers during this period**

Disposal

Excess material and empty containers must be disposed of in accordance with regulations.

Drying & Overcoating

Drying Time

For a 100-micron dry film thickness under standard conditions





OptiProp Top Coat

Surface Temperature	10°C	20°C
Touch Dry	4 hours	3 hours
Minimum Overcoating Interval	6 hours	4 hours
Maximum Overcoating Interval	None	None
Full Chemical Cure		3 days

Compatibility

F2 OptiProp Top Coat can only be overcoated with itself and not with other products.

Removal

F2 OptiProp Top Coat bonds to F2 OptiProp Tie Coat with excellent adhesion. Should the F2 OptiProp Top Coat or F2 OptiProp Tie Coat be required to be removed, for example for hull maintenance purposes, it can be removed using F2 Remover - contact Ocean Coatings for advice.

Storage

Storage Conditions

Store cool and dry (5-10°C).
Stir thoroughly before use.

Shelf Life

Unopened containers: 12 months.

The information given in this sheet is not intended to be exhaustive and any person using the product other than that specifically recommended in this sheet does so at their own risk. Any warranty, if given, is contained within Ocean Coatings Ltd Terms and Conditions of sale. Whilst we endeavour all advice given about the product is correct we have no control over either the quality or condition of the substrate or other factors affecting the use of the product. Therefore we do not accept any liability whatsoever or however arising for the performance of the product or for any loss or damage arising out of use of the product.

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