



Product Features

Description

F2 EcoPrimer is a two-component (base + activator), solvent-free, medium-viscosity, damp-tolerant resin primer/sealer for marine substrates. It is designed to lock in residual antifouling on boat hulls and create a high-adhesion primer layer prior to applying F2 EcoHull Adhesive Coat as part of the F2 EcoHull Fouling Release system.

The formulation delivers excellent substrate sealing and strong intercoat adhesion between the prepared surface and the Adhesive Coat.

Supplied light brown to provide a visual guide for application uniformity, film build, and coverage.

Recommended Use

F2 EcoPrimer is part of the F2 EcoHull Fouling Release System for adhesion on fiberglass (GFRP), aluminum, steel, wood and epoxy surfaces.

Composition

Solvent-free, 2K epoxy system for maximum underwater adhesion. This bio-based formulation is derived from plant-based raw materials and is environmentally responsible.

Product Safety

Flash Point	approx. 400°C
Viscosity (mPas)	700-1200
VOC-Content	< 0,3 g/L (EPA-Method 24)

Safety Precautions

Application should be carried out in accordance with the instructions on this data sheet, the safety data sheet, and the container labels. National occupational health and safety regulations must be observed.

Product Data

Color

Light Brown

Finish

High gloss

Solid Volume

99,8 %

Recommended Layer Thickness

100 microns (wet and dry)

Theoretical Coverage

10m² per liter

Density

1.12 g/cm³ (BASE)

1.02 g/cm³ (ACTIVATOR)

Available Packaging

0.5L, 1L and 2.5L

(other sizes upon request)



Ocean Coatings
HIGH PERFORMANCE COATINGS



Surface Preparation

Previously coated surfaces

On surfaces with old antifouling, remove loose paint, hard fouling residues (e.g., barnacles), and sand down worn-out layers (P80-P180). It is recommended to strip the boat from all old antifouling layers for optimum adhesion. After sanding, degrease thoroughly with F2 Degreasing Solution. Carefully rinse with fresh water, and allow surface to dry.

Uncoated surfaces

Sand with P180, clean thoroughly with F2 Degreasing Solution. Carefully rinse with fresh water, and allow surface to dry.

Important!

The surface to be coated must be dry, hard, sound and free of grease, dust, laitance, dirt, rust and other barrier materials. Where doubt exists or the compatibility is unknown a trial adhesion test should be carried out before work commences. Please consult Ocean Coatings.

Application

Mixing Ratio

BASE 60:40 ACTIVATOR by weight
Stir the Base, add Activator and mix well. Allow mixed product to rest for several minutes before use to allow air bubbles to escape.

Pot Life

30 minutes (at 20°C)

Thinner

Do not dilute

Application Method

Brush or roller (felt or foam roller)
Sprayable through High Pressure Spray equipment.
Contact Ocean Coatings for advice.

Application Conditions

Air temperature must be above 10°C during application and curing. Relative humidity should be below 90% to prevent condensation during application and drying.





Application Notes

- Apply one layer of F2 EcoPrimer with a roller using a laying off technique.
- After application, allow to cure usually 4 hours at 20°C before overcoating with F2 EcoHull Adhesive Coat.

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

Surface Temperature	10°C	20°C
Touch Dry	4 hours	3 hours
Minimum Overcoating Interval	6 hours	4 hours
Maximum Overcoating Interval	24 hours	24 hours
Full Chemical Cure		3 days

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.

Ocean Coatings Ltd

NetPark Plexus, Sedgfield, Co Durham TS21 3FD, UK
TEL: +4433 3344 1760, MAIL: info@ocean-coatings.com

