



F2 EcoHull Top Coat

FOULING FREEDOM

Product Features

Description

F2 EcoHull Top Coat is a transparent or pigmented, ready-to-use foul-release finish coat for the F2 EcoHull Fouling Release system, applied over F2 EcoHull Adhesive Coat. The coating is biocide-free and contains no solvents, heavy metals, or other toxic chemicals.

Powered by Zeronic™ technology, the F2 EcoHull Fouling Release system delivers an ultra-smooth, low-adhesion surface that makes fouling easier to remove—reducing cleaning time and maintenance costs.

Recommended Use

F2 EcoHull Top Coat serves as a fouling-release final coating for boats made of GRP, carbon, aluminum, steel, or wood.

- No negative impact on marine life or water quality.
- Suitable for areas where conventional antifouling with biocides is prohibited.
- Ideal for new constructions, as well as for maintenance and repairs.

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

Transparent or Silver sparkling effect.

Finish

High gloss

Solid Volume

99,8 %

Recommended Layer Thickness

100 microns (wet and dry)

Theoretical Coverage

10m² per liter

Density

0.96 g/cm³

Available Packaging

0.1L, 0.5L, 1L and 2.5L
(other sizes upon request)



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Surface Preparation

Surface Cleaning

The surfaces to be coated must be clean, dry, and free of oil, grease, and dust.

Pre-coating

Surfaces must be pre-treated with F2 EcoHull Adhesive Coat. F2 EcoHull Adhesive Coat has no maximum overcoating time.

Application

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 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.
- Pour paint into a tray and immediately close the can.
- Apply one layer of F2 EcoHull Top Coat with a roller using a laying off technique.
- Allow to cure usually 4 hours at 20°C.
- After application, allow 36 hours drying time before launching the boat.

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	None	None
Full Chemical Cure		3 days

Compatibility

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

Removal

F2 EcoHull Top Coat bonds to F2 EcoHull Adhesive Coat with excellent adhesion. Should the F2 EcoHull Top Coat or F2 EcoHull Adhesive 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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EcoHull Adhesive Coat

Product Features

Description

F2 EcoHull Adhesive Coat is a transparent or pigmented, ready-to-use intermediate tie-coat within the F2 EcoHull Fouling Release system. It is biocide-free and contains no solvents, heavy metals, or other toxic additives.

Powered by Zeronic™ technology, the F2 EcoHull Fouling Release system delivers an ultra-smooth, low-adhesion surface that makes fouling easier to remove—reducing cleaning time and maintenance costs.

Recommended Use

F2 EcoHull Adhesive Coat is part of the F2 EcoHull Fouling Release System for vessels made of fiberglass (GFRP), carbon, aluminum, steel, or wood.

- Contains no biocides, metallic elements, or toxic chemicals.
- No negative impact on marine life or water quality.
- Suitable for new builds as well as maintenance and repairs.

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 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

Solid Black, Blue or White.

Finish

High gloss

Solid Volume

99,8 %

Recommended Layer Thickness

100 microns (wet and dry)

Theoretical Coverage

10m² per liter

Density

0.96 g/cm³

Available Packaging

0.1L, 0.5L, 1L and 2.5L
(other sizes upon request)



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EcoHull Adhesive Coat

Surface Preparation

Surface Cleaning

The surfaces to be coated must be clean, dry, and free of oil, grease, and dust.

Pre-coating

F2 EcoHull Adhesive Coat is designed for application over F2 EcoPrimer or compatible 2-component epoxy primers. Any primer used must be solvent-free. For solvent-containing primers, allow a minimum of 7 days for solvent evaporation (at 20 °C) before overcoating; then key with P180 and degrease with F2 Degreasing Solution.

Application

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 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.
- Pour paint into a tray and immediately close the can.
- Apply one layer of F2 EcoHull Adhesive Coat with a roller using a laying off technique.
- After application, allow to cure usually 4 hours at 20°C before overcoating with F2 EcoHull Top Coat.

Disposal

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





EcoHull Adhesive Coat

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	None	None
Full Chemical Cure		3 days

Compatibility

F2 EcoHull Adhesive Coat can only be overcoated with itself or F2 EcoHull Top Coat, and not with other products.

Removal

F2 EcoHull Adhesive Coat forms a robust and durable surface as a base for the application of the F2 EcoHull Top Coat. If the F2 EcoHull Top Coat or Adhesive Coat needs to be removed, for example, for hull maintenance, this can be done with the F2 Remover – please contact the technical department for more information.

Storage

Storage Conditions

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

Shelf Life

Unopened containers: 12 months.

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Degreasing Solution

Product Features

Description

F2 Eco Degreasing Solution (Concentrate) is a high-strength, caustic-free, aluminium-safe cleaner formulated for vessel hulls, propellers, and marine equipment. It rapidly removes oil, grease, fuel film, and stubborn residues without harsh chemicals or solvents.

Environmental Profile

Contains surfactants that meet the biodegradability criteria of Regulation (EC) No. 648/2004 (Detergents Regulation). Designed for minimal impact on marine environments when used as directed and may be used in areas where conventional detergents are restricted.

All-round performance

- Concentrate for flexible dilution and economy
- Caustic-free & solvent-free formulation
- Aluminium safe; compatible with common marine substrates
- Effective on oil, grease, and heavy residues
- Suitable for use with hot or cold water.

Composition

A complex blend of surfactants

Product Safety

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

Clear liquid

pH

Neutral

Density

1.085 g/cm³

Available Packaging

1L



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Degreasing Solution

Application

Dilution

Normal degreasing	1:10
Heavy contamination	1:4

Application

- Apply with a brush or sponge. Agitate with a brush to lift residues.
- Allow to work for ~2 minutes; do not let dry on the surface.
- Thoroughly rinse with fresh water. Repeat if necessary.

Application Notes

- Works with hot or cold water; aluminium-safe on sound coatings. Always test a small area first. Wear suitable PPE. Do not mix with other cleaners.
- In hot weather we recommend surfaces to be presprayed with cold water before application of cleaning solution

Disposal

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

Storage

Storage Conditions

Store cool and dry (5-10°C).

Shelf Life

Unopened containers: 24 months.

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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

A solvent-free, "super-bond" underwater primer system engineered for high adhesion. The formulation is bio-based, made from plant-derived 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
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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 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

- 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.

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