



Product Features

Description

F2 Adhesive Coat is a black or clear, ready-to-use adhesion coating. It has been specifically developed as a bonding layer for the F2 Advanced Fouling Release System and is applied over the F2 Underwater Primer. Based on a hybrid polymer serum (trade secret), the coating provides excellent adhesion and creates a robust, durable base for the F2 TopCoat.

Recommended Use

F2 Adhesive Coat is part of the F2 Advanced 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

Black or clear
(other colors possible)

Finish

High gloss

Solid Volume

99,8 %

Recommended Layer Thickness

100 microns (wet and dry)

Theoretical Coverage

10m² per liter

Specific Gravity

0.95 kg/L

Available Packaging

1L and 2.5L (other sizes upon request)



Ocean Coatings
HIGH PERFORMANCE COATINGS



Surface Preparation

Surface Cleaning

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

Pre-coating

F2 Adhesive Coat is designed for application over F2 Underwater Primer or on Gelcoat.

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.
- Pour paint into a tray and immediately close the can.
- Apply TopCoat using the crisscross technique: First, apply horizontally, then smooth with vertical strokes to achieve an even and smooth surface.
- After application, allow 3-4 hours drying time before overcoating with F2 TopCoat

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	3 hours	4 hours
Full Cure		3 days

Compatibility

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

Removal

The F2 Adhesive Coat forms a robust and durable surface as a base for the application of the F2 TopCoat. If the TopCoat or Adhesive Coat needs to be removed, for example, for hull maintenance, this can be done with the F2 Removal Solution – 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: 18 months.
After opening: 1 month (if resealed properly).

The information in this datasheet is not considered exhaustive. Any person using this product other than as explicitly recommended does so at their own risk. Any warranty, if granted, is subject to the sales terms of Ocean Coatings Ltd. While every effort has been made to provide accurate product information, we have no control over substrate quality or other external factors affecting product performance. Therefore, we accept no liability for product performance, losses, or damages caused by its use.

