EcoHull Top Coat

Product Features

Description
F2 EcoHull Top Coat is the biocide-free finish coat of the F2 EcoHull Fouling Release System. Based on a hybrid polymer, it forms a smooth, water-repellent surface that makes it hard for fouling to settle. What does settle can usually be removed with a sponge or soft brush. The Top Coat is applied over F2 EcoHull Adhesive Coat. With correct application and care, F2 EcoHull is designed to last 5+ years without repainting.

Recommended Use
F2 EcoHull Top Coat is the Fouling Release finish coating for the underwater hull of boats made of GRP, carbon, aluminium, steel, wood or PVC.

- Contains no biocides. Regular cleaning is part of normal use.
- No PFAS, no PBT or vPvB substances, no metals
- Suitable for new builds as well as maintenance and repairs.

Limits of Use
For the underwater hull only. Not a barrier coat and no protection against osmosis or corrosion. Not suitable for propellers and shafts.

Product Safety

Flash Point approx. 400 °C
Viscosity < 100 P at 20 °C
VOC Content < 0.3 g/L (EPA Method 24)

Safety Precautions
Use the product in accordance with this datasheet, the safety data sheet and the information on the label. Wear protective gloves and safety glasses. National occupational health and safety regulations must be observed. Safety data sheet: f2eco.eu/downloads

Product Data

Colour
Gloss (transparent) or Silver Sparkle

Finish
High gloss

Composition
Flowable single-component hybrid polymer coating

Volume Solids
99.8 %

Reference Film Thickness
150 microns (wet and dry)

Theoretical Coverage
6.7 m^2 per litre

Specific Gravity
0.96 kg/L

Pack Sizes
see f2eco.eu

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Surface Preparation

Cleanliness
Surfaces to be coated must be clean, dry and free of oil, grease and dust. For cleaning, use F2 Degreasing Solution (1:10 with fresh water), no solvents.

Pre-coating
The surface must first have been coated with F2 EcoHull Adhesive Coat and be touch dry (6 to 8 hours). F2 EcoHull Adhesive Coat has no maximum overcoating interval as long as the surface is clean and dry.

Application

Thinner	Do not dilute
Application Method	Brush or roller (felt or foam roller)
Airless Application	please get in touch: support@f2eco.eu

Application Conditions
Ambient temperature must be between 10 and 35 °C during application and drying, and surface temperature at least 3 °C above the dew point. Relative humidity must not exceed 80 %. Protect the fresh coat from rain and dew until it is touch dry.

Application Notes

- The material is supplied ready to use. Stir mechanically for 2 minutes before use.
- Pour the paint into a paint tray and close the can again.
- Apply in a cross pattern: first roll on vertically, then smooth horizontally, for an even and smooth surface.
- Apply around 150 microns, which is 1 litre for about 6.7 m^2, in one pass. The coat is barely visible. Smooth out runs and missed spots immediately.
- Wait at least 36 hours before crane straps, trailer or supports load the surface. Launching is possible as soon as the Top Coat is touch dry. There is no maximum, the boat can stay on land.

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Drying and Overcoating

Drying Time	Guide Value
Touch dry and rain resistant	6 to 8 hours
Straps, trailer, supports	after 36 hours at the earliest
Launching	after 36 hours at the earliest, no maximum
Full cure	8 to 12 weeks in the water

Guide values for a film thickness of 150 microns.

The surface stays elastic and is not scratch resistant. Right after application it still feels slightly tacky. This is normal. Because of the smooth surface, extra care is needed when craning, trailering and manoeuvring on land. There is a risk of slipping.

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

Care
First cleaning after 8 to 12 weeks in the water, earlier in case of heavy fouling, with a soft brush or sponge. High pressure only after full cure. Instructions: f2eco.eu/pflege

Removal
With F2 Coating Remover. Questions about this to support@f2eco.eu.

Storage and Disposal

Storage Conditions
Store closed, frost-free and protected from heat and direct sunlight (5 to 25 °C).

Shelf Life
Unopened containers: 24 months from date of manufacture.
After opening: seal airtight and use within 5 days.

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

This datasheet applies in the version stated above to the product supplied. The version valid at the time of the order is decisive. It describes the product and its application and does not replace the complete instructions at f2eco.eu. If the documents differ, the following order applies: 1. our written information on the individual project, 2. the instructions, 3. this datasheet. Label and safety data sheet must also be observed.

Substrate, preparatory work, application and conditions of use are beyond our control. Application that deviates from the instructions and the datasheet is not intended use. Damage resulting from it is not a defect of the product. The information in this datasheet is not a guarantee. Delivery, statutory warranty and liability are governed by the General Terms and Conditions of F2 ECO Trading GmbH (f2eco.eu).