EcoHull Adhesive Coat

Product Features

Description
F2 EcoHull Adhesive Coat is a ready-to-use bonding coat in Black, Royal Blue or White. It is the bonding and colour layer of the F2 EcoHull Fouling Release System and is applied over a suitable primer or a 2K epoxy barrier coat. Based on a hybrid polymer, it forms the foundation for F2 EcoHull Top Coat.

Recommended Use
F2 EcoHull Adhesive Coat is part of the F2 EcoHull Fouling Release System for the underwater hull of boats made of GRP, carbon, aluminium, steel, wood or PVC. Not suitable for propellers and shafts.

- Contains no biocides.
- No PFAS, no metals, no PBT or vPvB substances
- 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
Black, Royal Blue or White

Finish
Glossy

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
0.95 kg/L

Pack Sizes
see f2eco.eu

EcoHull Adhesive Coat

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
F2 EcoHull Adhesive Coat is applied over a suitable primer or a 2K epoxy barrier coat. A bare hull first receives a 2K epoxy barrier coat. Old antifouling is not overcoated but removed as far as possible down to the underlying 2K primer and then primed.

- **1K primer:** overcoat within 24 hours. Otherwise: abrade, clean, let dry.
- **2K epoxy:** always wash with water first, then abrade with P180 to 220. Solvent-based epoxy must first be left to air out for at least 7 days.

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 or in two thin ones. Apply the second only when the first is touch dry.
- After application, let dry for 6 to 8 hours until the coat is touch dry. Only then apply F2 EcoHull Top Coat.

EcoHull Adhesive Coat

Drying and Overcoating

Drying Time	Guide Value
Touch dry and rain resistant	6 to 8 hours
Overcoatable after	6 to 8 hours
Overcoatable until	no maximum
Full cure	8 to 12 weeks in the water

Guide values for a film thickness of 150 microns.

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

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).