Application: F2 EcoHull

F2 ECOHULL IS NOT CONVENTIONAL ANTIFOULING PAINT. FOLLOW INSTRUCTIONS EXACTLY. DEVIATIONS CAN CAUSE POOR ADHESION OR COATING FAILURE.

General Notes

- **Substrate:** Suitable for GRP/gelcoat, aluminium, steel, and wood. Coat only on a dry hull—verify with a moisture meter if in doubt. Keep surfaces clean and dry. Do not wipe with solvents.
- **Coverage:** Aim for ~10 m^2 per liter and maintain a continuous, glossy wet film—do not apply too thin.
- **Thinners:** Do not dilute any component!
- **Storage/handling:** Note expiry. Once opened, use within 5 days; keep tins closed and sealed.
- **Environment:** Apply only when air > 5°C, surface > 3°C above dew point, Humidity < 90%. Avoid condensation and contamination—isolate the work area and do not sand, polish, or cut nearby!
- **Tools:** Use a firm foam or felt roller (rounded edges); small areas with a fine brush.

Preparation

- **Previously Coated Surfaces:** Critically inspect any existing coatings (e.g., old antifouling). Remove all damp, loose, soft, or brittle material back to a clean, dry, smooth, and sound substrate. When in doubt, strip all old antifouling completely to the underlying primer (recommended). Silicone-based coatings must be removed in full —do not overcoat silicones!
- **Uncoated Surfaces:** It is recommended to apply a solvent-free barrier coat on uncoated surfaces; if a solvent-containing primer is used, allow ≥7 days at 20°C for solvent evaporation, then abrade (P180) and degrease before overcoating with F2 EcoHull Adhesive Coat (no F2 EcoPrimer required).
- **For sanding:** Use P80-180 to create an evenly smooth surface.
- **For cleaning:** Use F2 Degreasing Solution (dilute 1:10 with fresh water), wiping in one direction only (do not scrub back and forth); repeat as needed, then rinse with fresh water and allow to dry. Do not use solvents!

Coating

- **F2 EcoPrimer:** Stir the BASE, then add ACTIVATOR and mix thoroughly (mix ratio 60:40). Let the mix rest a few minutes to release air bubbles. Pot life ~30 min at 20°C — mix only what you can apply within this time. Do not dilute. Pour into a paint tray and apply one uniform, well-covering coat using a layoff technique (horizontal strokes followed by vertical strokes) to seal and prime. Coverage: ~10 m^2 per liter — do not apply too thin!
  Minimum overcoat: 4 hours (touch-dry) at 20°C (6 hours at 10°C) | Maximum: 24 hours (if exceeded: key & degrease!)
- **F2 EcoHull Adhesive Coat:** Open the tin and stir well. Do not dilute! Pour into a paint tray and apply one well-covering coat using a layoff technique to achieve an even and smooth surface. Coverage: ~10 m^2 per liter — do not apply too thin! Leave a 5cm overlap margin around the stands for the EcoPrimer!
  Minimum overcoat: 4 hours (touch-dry) at 20°C (6 hours at 10°C) | No maximum overcoating time.
- **F2 EcoHull Top Coat:** Open the tin and stir well. Do not dilute! Pour into a paint tray and also apply one well-covering coat using a layoff technique. Coverage: ~10 m^2 per liter — do not apply too thin! Fix any flaws and drips immediately. Leave a 5cm overlap margin around the stands for the Adhesive Coat!
  Wait at least 36 hours before craning to shift stands. | No maximum land time.

Final Steps

- **After shifting stands:** The exposed areas are prepared and painted analogously. Overlap each layer.
  The boat can then be launched as soon as the Top Coat is touch-dry (4-6 hours). No pressure on freshly painted areas!
- **Note on Craning:** After application, the Top Coat may still feel tacky. This is normal. Curing can be aided by light moistening once the Top Coat is touch dry (4-6 hours). Make sure crane slings are clean. Use pads if necessary. Secure the boat against slipping by tying slings together.
- **After 8-12 weeks in the water** the coating will be fully cured. At this stage, an Early-Clean with a soft cloth or sponge is useful if needed, to remove the early biofilm and make subsequent colonization by macro-organisms more difficult.