

March 2021.

Fireball Data Sheet

Hull Specification

The World beating Weathermark Fireball is built using the highest quality materials and using the latest techniques in construction.

The Weathermark Fireball is moulded using Kevlar and glass in a foam sandwich using the highest quality epoxy resin. We have used the **Kevlar throughout the outer and inner laminate in the hull plus the foredeck as standard** to ensure the strongest form possible.

The Weathermark Fireball is built from the World and European championship winning Duvoisin moulds which were acquired from Duvoisin in May 2012. Richard Wagstaff is in control of the building and personally lays up the hull and deck. In recent championships the boats have won the 2019 World and UK championship, the French Championship plus further 2^{nds} and 4^{ths} at the World Championship.

Behind the scenes and hidden from view are the webs, bulkheads and targeted extra laminates that add to the strength and stiffness of the hull. A web runs the length of the forward tank making the lateral strength of the hull extremely stiff and strong.

It is the little things that count - pads in the right places for fittings, the tubes for the spinnaker sheets, the tubes for drainage and openings big enough to make dousing the kite fast without allowing half the ocean in. The case top is flat to allow choice of systems.

Silver grey polyester gel coat is standard. The floor is painted with non-slip. Self bailers, hatches, shroud points and rudder fittings are all fitted.

All mouldings are post cured.

Complete boat Regatta Specification

Hull in epoxy resin with one layer of **Kevlar inside and out the full length** of the hull plus a layer inside and out on the foredeck. Spars by Seldon or Super spar, the mast is rigged with a wire 2;1 jib halyard and spectra main halyard and pole up/downhaul. The boom has cut away end and comes with an internal outhaul. Standard Spinnaker pole.

Foils are moulded epoxy/foam, lifting rudder in a Sea Sure stock.

Fittings are by **Harken or Allen as standard** and include: Mainsheet with ratchet, plunger jib sheet system, spinnaker ratchets. Cunningham, kicker and jib halyard tension which all go back to helm.

The spinnaker halyard is a pump action with elastic take up. Helm toe straps fitted and pro- grip fitted to the trapeze area on the gunwale.

Self Bailers, hatches, spinnaker bags all fitted.

Mast bend control is by chocks. A strut system can be fitted as an extra

Sails from Hyde (Mylar mainsail). P&B or North POA