

Materials used and build quality of the EuroFOX

Section	Process or material used
Fuselage	4130 Chrome Molybdenum steel, inside of the tube is oil treated for long term corrosion protection. Exterior is painted with 2 coats of polyurethane 2K paint, manufactured by Dupont, for long durable lifetime.
Wings	Aircraft grade solid drawn aluminium spars and pressed aluminium ribs. Glass fibre profile leading edge and foam filled trailing edge for extra stiffness. Steel tube drag strut bracing.
Covering	Stitts Polyfibre covering system. Medium grade fabric used, rib stitched on the tail plane and elevator for additional security in the area of the propwash.
Paint finish	2K plasticised by Dupont to the RAL colour of choice. UV protection provided by Stitts Polyspray for lifetime protection. No Betts testing required.
Flapperons	Vacuum moulded composite sandwich construction.
Elevator, rudder and stabiliser	Framework of 4130 Chrome Molybdenum steel tubing, internally oil treated for long term corrosion protection. Painted 2 coats polyurethane 2K Dupont paint.
Cowlings, wingtips, spats, seat pan	Glass reinforced plastic (GRP) or carbon fibre depending on model
Engine frame	5 point rubber mounted engine frame of 4130 tubing.
Main undercarriage	Glass reinforced plastic (GRP), tremendous strength with excellent damping on the roughest surfaces.
Nose wheel leg assembly	4130 Chrome Molybdenum steel with rubber block damper for suspension and damping.
Controls	Aircraft grade aluminium pushrods with adjustable rose joint ends.
Panel	Aircraft grade aluminium panel, Dupont 2K painted. Options for laser cutting for instrument layout of choice.
Brakes	Berringer, with toe brakes on P1 as standard for tail wheel aircraft, P2 as an option.
Enclosed baggage bay	Aircraft grade aluminium sheet, formed individually for each aircraft lined with Alcantara interior.
Fuel tanks	2 x pressure tested 40 litre wing tanks in aluminium with 6 litre header tank fitted with low fuel warning sensor.
Wheels	Aluminium split rim painted 2K
Front screen, doors, cabane roof	Moulded acrylic (Perspex) front screen. Polycarbonate sheet for doors and cabane
Avionics	Radio and Transponder aluminium earthing plates secured to the fuselage prior to covering - perfect transmissions