

## *Bill of materials required for hull building of **Haiku 700** sailboat*

- assembly scaffold cheap wood: several sturdy boards (about 15x5 cm section, approximately 30 meters , 15 mm thickness plywood clippings)
- marine plywood (okume, labelled as lloyd , RINA , BS 1088, CTBX compliant or similar certification systems)
- standard sheet: 3100 x 1530 mm
  - 8 mm thickness: 13 sheets
  - 12 mm thickness : 3 sheets
  
- solid wood elements
- essences: mahogany, first choice european fir, european ash
  - 40 x 30 mm (bottom stringers) : 42 linear meters
  - 40 x 40 mm (sheer stringer) : 15 l.m.
  - 100 x 20 mm (backbone): 4 l.m.
  - 150 x 20 mm (backbone central part): 1,5 l.m.
  - 30 x 30 mm (deck stringers) : 15 l.m.
  - 20 x 40 mm (cockpit stringers) : 20 l.m.
  - 20 x 30 mm (cockpit side panels stringers) : 12 l.m.
  - 60x60 mm (retractable keel): 16 l.m.
  - 45x45 mm (rudder blades): 13 l.m.
  - 20x20 mm (interiors joinery) : 6 l.m.
  - 80x20 mm (cold molded rudder tiller) : 4 l.m.
  
- Epoxy resin: approximately 70 kg
- epoxy resin additives: cellulose microfibers, colloidal silica powder, fairing microballoons , to be decided while building
- Biaxial glass fabric 500 g/sqm , about 25 kg ( or 50 square meters)
- Unidirectional glass fabric 500 g/sqm : 3 square meters or 1,5 kg
- paintings, enamel and protecting paints : single component boating enamel (interiors) two components boating enamel (exterior), thick base paint , antifouling paint (4 liters), antiskid powder to be added to enamel

for further infos: [info@modernwoodenboat.com](mailto:info@modernwoodenboat.com)