

Saltaspiaggia 21

Bill of materials for the complete hull of Saltaspiaggia 21 sailboat

assembly scaffold:

- #3 250x15 cm 25 mm thickness MDF or cheap plywood sheets
- 12 linear meters of 20x5 cm cheap wooden boards m to set up the scaffold

complete hull:

- 250 x 150 cm 8 mm thickness marine grade plywood sheets : 17 sheets
- 250 x 150 cm 10 mm thickness marine grade plywood sheets : 8 sheets
- solid wood elements:
 - 1,5 x 3 cm battens: 80 linear meters
 - 2 x 4 cm battens: 30 linear meters
 - 2 x 2 cm battens: 60 linear meters
- epoxy resins : 50 kg approx.
- Biaxial glass +/- 45° 300 g/m²: 22-25 kg
- fillers, microballons, silica, and all the stuffs as detailed in epoxy datashhet to compose structural bounding putties, faring compounds and so on starting form epoxy resin
- epoxy primer paintings, enamels, bilge thick paints: approx 10 kg
- ss steel fittings to be cut from small plates of various thicknesses, some lesser welding work required
- 8mm plexglass (or commercial small portholes) for cabin windows
- in this bill wood veneers for rig are not comprised, although instructions to built a complete wooden rig are on the plans

ballasted finkeel:

- Isteel plates: 3,6 e 10 mm required thickness
- 160 kg lead to be poured in the keelfin

a reasonable 15% of waste and clippings is comprised in solid wood and plywood bills