

Toyboat Cruiser 9

Length 2,7 m

Beam 1,4 m

Draft 0,15 / 0,80 m

Hull weight 60 kg

Sail area 5,5 m² (mainsail 4,0 m² + jib 1,5 m²)

Materials

- Plywood 2440x1220 mm:
 - 5 sheets of 6 mm
 - 1 sheet of 12 mm
- Polycarbonate 3-4 mm for portlights
- Glass tape 50 mm x 100 m
- Glass cloth 1 m² for trunk
- Epoxy 3 kg
- Primer epoxy 2 kg
- Filler epoxy 1 kg
- Waterproof glue 0,5 kg
- Paint 5 kg
- Varnish 0,5 kg

For building recommended to use a birch plywood or plywood that is close in physical properties. If you use more light and soft plywood (marine plywood okoume, pine), use thicker sheets (6 mm birch = 9 mm okoume or pine). The method of building is "Stitch&Glue". You can find much information about this technique. For exemple here a good video lesson: <https://www.youtube.com/watch?v=Wuoy1dGOxFI&t=90s>

Subdivision of boat is provided by two air compartments in the stern under the cockpit seat volume of 70 liters.

For mast recommended to use aluminium profile about 50*2 mm, for boom 40*1,5 mm, for standing rigging 3 mm rope.

If you'll have more questions, I'll answer you on e-mail. Also I will be happy if you send photos of the boat and feedback. Please write here: picofolkboat@gmail.com

Have a fine building and sailing!

Roman Igoshin. Yacht designer "Toyboat Custom"