

Picofolkboat 360

This boat can be used only for coastal sailing till 24 knots wind and 3 feet wave height.

Length 3,6 m

Width 1,6 m

Draft 0,2 / 0,9 m

Hull weight 150 kg

Ballast 60-70 kg

Sail area 7,2 m² (mainsail 5,7 m² + jib 1,5 m²)

Materials

- Plywood 2440x1220 mm:
 - 10 sheets of 6 mm
 - 1 sheet of 9 mm
 - 1 sheet of 12 mm
- Wood: teak, mahogany, or oak
- Polycarbonate 3-6 mm for portlights
- Glass tape 150 m
- Glass cloth 1 m² for trunk
- Epoxy 10 kg
- Primer epoxy 3 kg
- Filler epoxy 3 kg
- Waterproof glue (PUR 501) 1 kg
- Paint 6 kg
- Varnish 3 kg

Guide

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), use thicker sheets. But for cabin sides, coamings, hatch and coach roof you can use 6 mm of any plywood.

The method of building is "Steach&Glue". You can find much information about its. For exemple here a good video lesson: <https://www.youtube.com/watch?v=Wuoy1dGOxFl&t=90s>

For mast recommended to use aluminium profile about 60*2 mm, for boom 50*2 mm, for standing rigging 4 mm rope.

For ballast you can use sandbags.

If you'll have more questions, I'll answer you on facebook messenger or e-mail picofolkboat@gmail.com

Have a fine building and sailing!

Yacht designer Roman Igoshin. "Toyboat Custom" (C)