

# Kidyak Bill of Materials

**LUMBER:** Pine, mahogany, spruce, or most any type of clear wood can be used. Lumber is "four quarter" lumberyard stock, usually finished to 3/4" net thickness. Material called out as 1/2" is usually ripped from "four quarter" lumber.

**PLYWOOD:** All plywood must be intended for marine or exterior use. Interior grades are NOT acceptable. The prototype used a "door skin" plywood with luan veneers that is somewhat less than 1/8" in thickness. It is important that the door skins have exterior glue, which is something that is sometimes difficult to ascertain. Door skins are inexpensive, however, if your budget can handle it, 1/8", 3mm, 4mm, or 1/4" imported or domestic plywood of better grades are preferable.

**MATERIAL ABBREVIATIONS:** *D.F.* = Douglas-Fir; *PW* = plywood; *Ext.* = exterior; *Mar.* = marine; *Mahog.* = mahogany; *SP* - spruce (Sitka)

ITEM	MATERIAL	NO. PCS	SIZE
<b>LUMBER:</b>			
#5 Keel	Sp. or Mahog.	1	3/4" x 1" x 7'
#8 Coaming	Sp. or Mahog.	2	1/2" x 2 1/2" x 51"
#9 Cockpit splash	Sp. or Mahog.	1	1/2" x 4" x 17"
Coaming aft end	Sp. or Mahog.	1	1/2" x 1 3/4" x 13"
#11 Paddle handle	Sp. or Mahog.	2	3/4" x 1 1/4" x 5'
<b>PLYWOOD:</b> See PLYWOOD LAYOUT on Pattern Sheet			
All plywood per Plywood Layout		1	(see above) x4'x8'
<b>STITCHING WIRE:</b> Copper wire 12 or 14 ga. - 25 lineal feet			
<b>RESIN:</b> Preferably epoxy with slow hardener, optional polyester. - 1 qts.			
<b>MICROSPHERES:</b> (or equal) - 1 lb.			
<b>SILICA:</b> 1 lb.			
<b>FIBERGLASS TAPE:</b> For <b>interior junctions</b> per the LAMINATE SCHEDULE. - 3" width = 12 yds. Add 13 yds for exterior if not fibreglassing.			
<b>FIBERGLASS COVERING (optional):</b>			
<b>FIBERGLASS CLOTH:</b> 38" width = 4 yds.			
<b>RESIN:</b> 2 qts. Epoxy or polyester			
<b>FASTENERS:</b>			

**SCREWS:** Flat head wood screws bronze or hot dipped galvanized. 1 1/4" #8 - 8 required.

**NAILS:** Bronze ring shank boat nails. 3/4" #14 = 100 required