

CanYak Bill of Materials

IN GENERAL: All lumber used should be free from shakes and knots. In the material listings oak, mahogany and spruce are listed. Oak refers to white oak, mahogany to the dark red variety and spruce to the Sitka spruce. It is suggested that light weight materials be used whenever possible, other lumbers not listed but of similar qualities may be substituted. All lumber listed as 1" is "four quarters" lumberyard material finished as full as possible. This will mean finished stock of approximately 3/4" thickness. All 2" thick stock is similar, that is it will finish to 1 1/2" to 1 5/8" in thickness. ALL OTHER WIDTHS ARE NET.

All plywood must be of an exterior type. Douglas-fir (D.F.) plywood is considered satisfactory in all cases. Panel faces are designated as "A" or "B" faces or better, although a one side "C" veneer could be used on the deck. Douglas-fir plywood is normally not available in thicknesses less than 1/4". For thinner plywood use the imported marine plywoods, measured in millimeters. These materials are more expensive; use when light weight is important. Use 1/4" material for economy.

Fastenings throughout should be either hot-dipped galvanized or bronze. For a boat of this type the galvanized can be considered to be completely adequate. All joints throughout the construction should be glued with a hard setting glue. Epoxy glue is recommended, but plastic resin glue can be used for economy except when gluing to oak or other woods that tend to react with this type of glue.

Abbreviations: DF = Douglas-fir, SP = Sitka spruce, MAH = Mahogany.

ITEM	MATERIAL	NO. PCs.	SIZE - 12'	SIZE - 14'
LUMBER:				
Knees #2, & Frames #3	Oak, MAH or SP	1	1" X 8" X 7' 6"	1" X 8" X 7' 6"
Stem #1	DF	1	2" X 6" X 5'	2" X 6" X 5'
Keel	Oak, MAH or SP	1	1" X 3" X 8' 4"	1" X 3" X 10' 4"
Strongback	Oak, MAH or SP	1	1" X 2" X 12'	1" X 1 1/2" X 14'
Chine	Oak, MAH or SP	2	1" X 1 1/4" X 12'	1" X 1 1/2" X 16'
Sheer	Oak, MAH or SP	2	1" X 1" X 14'	1" X 1" X 16'
	Oak, MAH or			

Skeg	SP	1	1" X 1" X 8'	1" X 1" X 8'
Blocking	1" Scrap from Frames			
PLYWOOD				
Planking	AB Ext. or marine	2	4mm, 5mm or 1/4" X 4' X 8'	4mm, 5mm or 1/4" X 4' X 8'
Decking	AB Ext. or marine	1	3mm, 4mm or 1/4" X 4' X 8'	3mm, 4mm or 1/4" X 4' X 8'
Floorboard	AC Ext.	1	None	1/4" X 2' X 4'

FASTENINGS - Bronze or hot dipped galvanized:

Screws - Flat head, wood screws:

3/4" #8...3 gross 1" #8...6 doz. 1 1/2" #8...8 doz.

Nails - Annular type boat nails: 3/4" #14.....1 lb.

Glue - EPOXY, plastic resin, or resorcinol

Half gallon, or 4 1/2 lbs. depending on type.