

Buckboard Bill of Materials

Before ordering materials, a check should be made to the text for possible options. All lumber used should be first grade free from shakes and knots. Spruce, mahogany and oak are listed, however, similar lumbers used in the locale and of similar qualities may be substituted. Spruce refers to the Sitka variety and is preferred because of its light weight. Mahogany refers to the dark red variety and is the wood that finished with the finest appearance. Fir refers to Douglas-fir and can be considered satisfactory where listed. All lumber noted as 1" in thickness is to be "lumberyard stock" that usually finishes to 3/4" in thickness. All 2" material is also standard stock that usually finishes out to 1-5/8" in thickness. All material less than 1" in thickness is net. It is preferable to group all materials and resaw to the exact noted widths although standard lumber yard widths may be substituted. All lengths allow material for trimming to size. All plywood MUST be of an exterior type. A marine type with solid core is the best, but the exterior type may be used on a craft of this type. The faces may be either AA or AB veneers. Where a B face is used, it should preferably be on the inside surface of the hull.

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

ITEM	MATERIAL	NO. PCs.	SIZE
LUMBER:			
Planking, Decking & Bulkheads	Ext AB plywood (See Layout Sheet 1)	2 1	1/4" x 4' x 8' 1/4" x 4' x 4'
Frame & Daggerboard Cleats	SP or MAH	30 lineal feet 1" x 1"	
Side Planking	SP or MAH	2	1/2" x 6" x 13'
Transom	SP or MAH	1	1/2" x 4" x 2'

Keel & Bow block	SP or MAH	1	1" x 4" x 14'
Deck Batten	SP or MAH	1	1" x 4" x 12'
Daggerboard	MAH	1	1" x 12" x 40"
Rudder	MAH	1	1" x 9" x 40"
Handrails	MAH	2	1" x 1-1/2" x 6'
Deck Block	DF or MAH	1 1	2" x 6" x 6" 1/4" x 4' x 4'

FASTENINGS:

SCREWS: Flat head wood type, bronze or hot dipped galvanized iron.

- 1-1/4" #8 Screws - 5 dozen
- 1-1/2" #8 Screws - 3 dozen
- 2" #10 - 1 dozen

NAILS: Ring type, Bronze or Monel

- 3/4" #14= 1-1/2 pounds

GLUE: Epoxy - Approximately 1 quart