

Bingo Bill of Materials

DO NOT PURCHASE ANY MATERIAL UNTIL YOU READ THIS SECTION.

The following list of materials is intended to be a general guide only. Before ordering any materials, the text and plans should be checked for possible options. All lumber listed as 1" stock is to be standard "lumberyard four-quarter" material which when finished may vary to somewhat less or slightly more than 3/4" in thickness. All widths are NET and all lengths allow for cutting to fit. Grouping lumber and purchasing random-random material to resaw to the required size will result in considerable savings. All lumber used should be first grade free from shakes and knots. Although spruce (Sitka variety, SP) and mahogany (dark red Philippine type) are called out in the listing, lumber typical to the locale and of similar types and weights may be substituted. All plywood (PW) is to be marine (MAR) or exterior (EXT) grade. The marine-type is preferable as the inner cores are solid and thus the panel has more structural integrity. Douglas-fir (DF) is satisfactory with the quality of the exposed faces of the veneer being designated by the letters "A" or "B". The "AA" grade panels are always preferable, however, "AB" grade is acceptable. All plywood should be a minimum of three plies. All fastenings should be bronze or hot dipped galvanized ferrous metal. Brass fastenings are not advised nor are the electroplated screws commonly sold in hardware stores. All screws are to be of the flat head type intended for wood. All nails are of the ring-type nail common to boat construction. Unless otherwise specified, all wood-to-wood joints are to be glued with a waterproof or highly water resistant glue such as plastic resin, resorcinol, epoxy, or other equivalent type used per the manufacturer's instructions regarding temperature, clamping requirements, curing time, and mixing method.

Abbreviations used in the following are: DF = Douglas-Fir; Mahog. = Mahogany; PW = Plywood; MAR = Marine; EXT = Exterior.

ITEM	MATERIAL	NO. PCS.	SIZE
LUMBER:			

Transom Top Cleat	Sp or Mahog	2	1" x 2" x 1' 4"
Transom Cross Cleat	Sp or Mahog	1	1" x 2" x 3'
Knee Cleat	Sp or Mahog	2	1" x 2" x 2'
#9 Breasthook	Sp or Mahog	1	1" x 8" x 12"
Motorwell Sides	Sp or Mahog*	2	1" x 9" x 2' 3"***
Motorwell Sides Cleat	Sp or Mahog	2	1" x 3/4" x 2'
Motor Well End	Sp or Mahog*	1	1" x 5-1/2" x 3"***
Sheer	Sp or Mahog	2	1" x 1" x 14'
Bottom Battens	Sp or Mahog	2	1" x 2" x 8' 6"
#10 Bow Piece	Sp or Mahog	1	1" x 3" x 2'
#11 Beam	Sp or Mahog	1	1" x 5" x 4' 6"
#15 Beam	Sp or Mahog	2	1" x 2-1/2" x 2' 6"
Strongback & Battens	Sp or Mahog	3	1" x 3/4" x 6'
Strongback (Aft)	Sp or Mahog	1	1" x 1-1/2" x 1' 2"

Outer Carling	Sp or Mahog	2	1" x 3/4" x 13'
Inner Carling	Sp or Mahog	2	1" x 3/4" x 7'
Deck Battens (Aft)	Sp or Mahog	2	1" x 3/4" x 1' 2"
Seat Fore & Aft Cleat	Sp or Mahog	2	1" x 2-1/2" x 1' 9"
Seat Cross Cleat	Sp or Mahog	1	1" x 1-1/2" x 3' 6"

*3/4" PW optional - **For long shaft outboards.

PLYWOOD: See "Plywood Layout" on Pattern Sheet

"A" & "B"	DF MAR AA	2	1/4" x 4' x 8'
"C" & "D"	DF Ext or MAR AA or AB	2	1/4" x 4' x 8'
"E" & "F"	DF Ext AB	2	1/4" x 4' x 8'
"G"	DF Ext AB	1	3/4" x 4' x 8'

SCREWS: Wood type, flat head, bronze or galvanized:

- 7/8" x #8 Screws - 3-1/2 gross
- 1-1/4" #8 Screws - 1 gross
- 1-1/2" #8 Screws - 7 dozen
- 3" #14 Screws - 8 only

NAILS: Ring type, Bronze or Monel

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

CARRIAGE BOLTS: Galvanized with nuts and washers, bronze optional

- 5/16" x 6" - 4 required

STITCHING WIRE: Copper wire 12 or 14 gauge

- 50 lineal feet

EPOXY RESIN: For gluing, laminate application, epoxy encapsulation & resin putty

- INTERIOR - Approx. 3 gallons
- EXTERIOR (Includes fiberglassing) - 3 gallons

MICROSPHERES (or equal): 3 lbs.

SILICA: 1 lb.

FIBERGLASS CLOTH: For exterior sheathing, 7-8 oz. treated boat type.

- 4-1/3 yds. - 50" width (covers bottom in full width and laps over transom)
- 4-2/3 yds - 38" width (split to 19" to cover both sides lapping transom)
- 6 yds. - 38" width (decking)

Bi-Axial Cloth: (tape optional) 17 oz or equivalent.

- 7 yds. 50" cloth cut lengthwise into required widths