

# Dinky Bill of Materials

All lumber and materials should be first quality to withstand a marine atmosphere. All solid wood should be free from shakes, knots, and defects. The types of wood listed may be varied if lumber of similar properties and common to the locale is more readily available. The 1" (four quarters) lumber is to be finished two sides with standard lumberyard milling. This will usually provide stock that is 3/4" thick. Do NOT custom mill members listed as 1" in thickness. Lumber listed as 5/8" should be cut down from 1" material. All widths are NET and all lengths allow for trimming to size. All plywood should be EXTERIOR or MARINE grade. Interior plywood should NOT be used. The letters "A" and "B" designate the soundness of the outer panel with the "A" grade being best. All fastenings should be bronze or hot dipped galvanized. Nails refer to annular thread silicon bronze boat nails. Brass screws, which tend to fracture under stress and electroplated screws which tend to rust, should not be used. Before ordering ANY material, the plans and these instructions should be checked for possible options and all dimensions checked to the work.

Abbreviations used in the following material listing are: PW = plywood; Mahog. = dark red Philippine mahogany; SP = Sitka spruce; DF = Douglas-fir; MAR = marine; EXT = exterior.

ITEM	MATERIAL	NO. PCS	SIZE
<b>LUMBER:</b>			
Inner sheer	Mahog or SP	2	5/8" x 1-1/4" x 8'
Outer sheer	Mahog or SP	2	1" x 1-1/4" x 8'
Bow knee	Mahog or SP	1	1" x 4" x 3'
Transom knee	Mahog or SP	1	1" x 3" x 4'

Skeg	Mahog or SP	1	1" x 3" x 2'
Oarlock upright	Mahog or SP	2	1" x 2-1/2" x 1'
Outer motorboard (optional)	Mahog	1	1" x 8" x 1'

PLYWOOD: See layout on patterns DF AB EXT or MAR - 2 sheets 1/4" x 4' x 8'

**FASTENINGS:**

- 3/4" #8 Screws - 6 dozen
- 7/8" #8 Screws - 5 dozen
- 1-1/4" #8 Screws - 4 dozen
- 3/4" #14 Nails - 4 dozen

**COPPER WIRE:** 16 gauge - 50 ft.

**FILLET MATERIAL:**

- RESIN: Preferably epoxy with hardener, or optionally, polyester with catalyst.  
2 quarts (1/2 gallon)
- FILLERS: 1 lb. Silica (fumed or colloidal), 1 lb. Microspheres
- TAPE: Fiberglass cloth tape to cover all *interior* fillet junctions  
21 yds - 3" tape. Add 7 yards for *exterior* if not fiberglassing.

**FIBERGLASS COVERING (optional):**

- FIBERGLASS CLOTH: 38" width = 5 2/3 yds.
- RESIN: 1 gal. Epoxy resin with slow hardener