

Squirt Bill of Materials

DO NOT PURCHASE ANY MATERIAL UNTIL YOU READ THIS SECTION.

LUMBER: All lumber noted allows length for fitting. All widths are actual size. All thicknesses are standard finished sizes, with 1" lumber being four quarters material, usually finished about 3/4". Where the lumber types listed are not available, suitable marine lumber can be substituted, including select Douglas-fir or long-leaf yellow pine, with dense straight grain. Other materials can be used if they have been used with successful results in your locality. Oak refers to white oak (red oak being more subject to rot). Mahogany refers to African, Honduras, or Phillipine-dark red varieties. Spruce refers to Sitka spruce and is used when minimum weight is desired. Plywood must be either marine or exterior grades, interior grade is not acceptable.

CHECK ALL SIZES TO THE WORK PRIOR TO CUTTING.

Abbreviations used are: Mahog = mahogany; SP = spruce; DF = Douglas-fir, PW = plywood, MAR = marine, Ext = exterior.

ITEM	MATERIAL	NO. PCS	SIZE
LUMBER:			
Frame members*	Mahog or SP	1	3" x 8' 6" (makes 4 pcs)
		1	3 1/4" x 42" (makes 2 pcs)
		1	4" x 8' (makes 2 pcs)
		1	4 1/2" x 26" (makes 2 pcs)
Keel	Mahog or SP	1	1"x3"x7'
Chines	Mahog or SP	2	1"x1-3/4"x12' (or 4 pcs 3/8")
Sheers	Mahog or SP	4	5/8"x1-1/4"x12' (laminated to 1 1/4")
Battens	Mahog or SP	2	1"x2"x7'-6"
	Mahog or SP	2	1"x2"x6'
Keel Strip (optional)	Oak	2	1/2"x1"x12'
Coaming	Mahog	2	1"x3"(min)x7'
Deck beams *1 only	Mahog or SP	4	1"x6"x4'

Dash	Mahog	1	1"x6"x4'
Strongback	Mahog or SP	1	1"x2"x7' (makes fore and aft)
Blocking	Mahog or SP	1" scrap as required	
Deck battens	Mahog or SP	2	1"x1-1/2"x5'

PLYWOOD:

Transom/stem/ breasthook/transom knee/ motor board*	DF Ext AB	1	3/4"x4'x8'
Planking-Bottom	MAR or DF Ext AB	1	1/4"x4'x10' OR (2 ea. 1/4"x4'x8')
Planking-Side	MAR or DF Ext AB	1	1/4"x4'x12' OR (2 ea. 1/4"x4'x8')
Decking	DF Ext AB	1	1/4"x4'x8'+plus scraps from planking.
Gussets*	DF Ext AB	1/4" scrap as required	

* Note: Not required if purchasing a Frame Kit.

FASTENERS:

- SCREWS: Flat head wood screws, bronze or hot-dipped galvanized.
- 1 1/4" #8 screws - 3 dozen
- 2" #10 screws - 4 dozen

- NAILS: refers to ring type bronze boat nails
- 1" #12 nails - 3 lbs.
- 1 1/4" #12 nails - 1 lb.

- CARR. BOLTS: galvanized with nut and washer
- 1/4" x 3" - 4 each

GLUE: Approximately 1 quart epoxy