

RowMe 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. All lumber thickness, EXCEPT THOSE NOTED 1" AND 1-1/4", are to be NET or the actual thickness listed. The 1" (four quarters) and 1-1/4" (five quarters) lumber is to be finished two sides with standard lumberyard milling. This will usually provide stock that is 3/4" and 1-1/16" respectively. Do NOT custom mill members listed as 1" and 1-1/4" in thickness. 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. Although standard 4' x 8' plywood panels are called out, full length panels, or those joined by scarf joints are optional. All fastenings should be bronze or hot dipped galvanized. 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: PW = plywood; Mahog. = dark red Philippine mahogany; SP = Sitka spruce; DF = Douglas-fir; MAR = marine; EXT = exterior.

ITEM	MATERIAL	NO. PCS	SIZE
LUMBER:			
Skeg & transom knee	Mahog, DF or SP	1	1" x 8" x 4'-6"
Breasthook	Mahog, DF or SP	1	1" x 11" x 12"
Oarlock upright	Mahog, DF or SP	2	1" x 3" x 18"
Inner sheer	Mahog, DF or SP	2	5/8"(*) x 1-1/4"x13'
Outer sheer	Mahog, DF or SP	2	1" x 1-1/4" x 13'
(*) Rip to thickness from 1" nominal stock			
PLYWOOD:			
Per Plywood Layout	DF EXT or MAR AA or AB	2	1/4" x 4'x 8'
Per Plywood Layout	DF EXT or MAR AA or AB	2	3/8" x 4'x 8'
STITCHING WIRE: Copper wire 12 or 14 ga. - 50 feet			
RESIN: Epoxy with slow hardener, - 1 1/2 gal.			
MICROSPHERES: (or equal) - 2 lbs.			

SILICA:2 lbs.

FIBERGLASS TAPE:

For **interior junctions** - 3" width = 31 yds. 6" width = 31 yds.

For **exterior** if not fiberglassing - Add 11 yds. 3" and 11 yds. 6".

FASTENERS:

SCREWS: Flat head wood screws bronze or hot dipped galvanized.

3/4" #8 = 16 dozen

1" #8 = 4 dozen

1-1/2" #8 = 9 dozen

NAILS: Bronze ring type boat nails

3/4" #14 = Approx. 130 or 3 oz.

FIBERGLASS COVERING (optional):

FIBERGLASS CLOTH:

50" width = 4 1/3 yds.

60" width = 4 yds.

RESIN: 2 gal. Epoxy resin with slow hardener