

Pirogue Bill of Materials

LUMBER: All lumber is "four quarter" lumberyard stock, usually finished to 3/4" net thickness. All widths are net, while all lengths allow for cutting to fit. All lumber sizes should be checked to the work before purchasing. When long lengths are not available, splices may be made by a scarf joint of 1:12 ratio; full length members are desirable for this hull. All lumber should be free from knots, splits, and other defects. Mahogany refers to "dark red" Philippine or central American varieties. Spruce (Sitka), Douglas-fir, white oak, and similar woods used for boat construction may be substituted.

PLYWOOD: All plywood should be exterior or marine; interior plywood should not be used.

ITEM	MATERIAL	NO. PCS	SIZE
LUMBER:			
Breasthooks	Mahogany	1	3/4" x 5 1/2" x 20"
Inner & outer sheer	Mahogany	4	3/4" x 1" x 14'
PLYWOOD:			
Per Plywood Layout	Douglas-fir AB	2	1/4" x 4'x 8'
STITCHING WIRE: Copper wire 12 or 14 ga. - 50 feet			
RESIN: Epoxy with slow hardener, - 1 gal.			
MICROSPHERES: (or equal) - 2 lbs.			
SILICA: 2 lbs.			
FIBERGLASS TAPE: For interior junctions - 3" width = 27 yds. 6" width = 18 yds. Add 9 yds. 3" and 9 yds. 6" for exterior if not fiberglassing.			
FIBERGLASS COVERING (optional):			
FIBERGLASS CLOTH: 50" width = 4 2/3 yds.			
FIBERGLASS TAPE: 3" width = 8 yds.			
RESIN: 1 gal. Epoxy resin with slow hardener			
FASTENERS:			
SCREWS: Flat head wood screws bronze or hot dipped galvanized. 1 1/4" #8 - 7 doz.			