

MATERIALS

Comments on Methods

Please read the appendices before starting the building process. They contain important information that will save you time and money.

Comments on Materials

The DAYBOAT/Launch is best built of Gaboon (Okoume) Marine Plywood. Gaboon is about 2/3 the weight of the usual marine ply and finishes to a rich, mid brown colour. It will significantly reduce the trailer weight of the boat and improve performance under power. However the boat can be built quite successfully of higher density ply such as Hoop Pine or Pacific Maple

The boat should be glued with a high solids epoxy system such as Bote Cote, WEST, System 3, or other quality marine resin system. To minimise maintenance it is recommended that the plywood be epoxy coated. This will reduce maintenance severalfold so that the boat is similar or less maintenance to a fibreglass boat.

PLYWOOD

Part	Thickness	Sheets
Foredeck (2 lams)	4mm 3ply	2
Bottom	6mm 5ply	11
Canopy	6mm 5ply	2
Seats	6mm 5ply	2
Side Panels	9mm	6
Aft deck	9mm	1
Outboard well	9mm	1
Bulkheads	9mm	5
If Fitted		
Cabin Sides	6mm	2

TIMBER

Materials list - all dimensions are finished sizes and are in mm unless stated otherwise.

WRC - Western Red Cedar (Australia) or other light, stable, straight grained timber with good gluing properties. No loose or large knots. Alternative – Hoop pine

Oregon - Douglas Fir, select dry stock. Fine grain, no knots.

Hardwood - Straight grained hardwood of medium density with good machining properties. For example Brazilian Cedar, Pacific Ash, Tassie Oak.

Oregon or WRC - may be any easily glued timber of medium density.= alternative Hoop Pine

TIMBER

Part	Size	Length	Number	Species
Fairing batten	15 x 15	5000+	1	Oregon
Chine logs	37 x 37	7200	2	Oregon
Sheer Strake	37 x 37	7200	2	Oregon
Deck Clamps (front)	37 x 37	4500	2	Oregon or WRC
Deck clamps (rear)	37 x 19	3600	4	WRC
Bottom Runners	45 x 37	7200	2	Oregon
Skeg*	45 x 45	15000	/	Oregon
Skeg (grounding layer)*	45 x 45	3300	1	Hardwood
Canopy Posts	45 x 80	2000	6	Oregon
(80mm dimension fore and aft to allow easy fitting of roll down side curtains)				
Canopy Beams	45 x 10	2500	12	Oregon or WRC
Canopy Rails	45 x 19	3000	2	Oregon
Floors **	45 x 100	2000	1	Oregon or WRC
	45 x 150	2000	2	Oregon or WRC
Bhd edge clamps	45 x 30	18000	/	WRC
Transom edge clamps	45 x 30	2800	/	Oregon
Engine well clamps	45 x 30	7000	/	Oregon
Seat clamps	19 x 19	30000	/	Oregon
Hatch Runners	200 x 19	2000	1	Hardwood
Coamings	200 x 19	1600	2	Oregon or HW
Engine Board	45 x 145	700	1	Oregon
Stem	45 x 65	1200	1	Oregon

* See notes above

** The floors were for the original survey version. If the furniture comes out to meet the position of the bottom skids (under the boat) the floors may be eliminated if the centreline skeg is also the same depth as the bottom skids. Alternatively the Floors can all be 70mm deep and the floorboards sprung to match the curve represented by their tops.

EPOXY STUFF

Epoxy 45 litres (approx)

Fortifier gluing powder 5 kg