

# Eight Ball Bill of Materials

All lumber is listed as being net in thickness and in width. Lengths allow for fitting. It is preferable to group all of the lumber and re-saw to width from random-random stock to economize. All plywood MUST be an exterior type. A marine grade, although recommended, is not listed as for a boat this type, the exterior grade with AA or even AB faces is satisfactory. All plywood may be Douglas-fir with the 1/4" three plies and the 1/2" five plies in thickness. All fastenings should be hot dipped galvanized or silicon bronze. All hardware should be bronze, aluminum or stainless steel. The light weight type of fittings are highly recommended for a boat of this type. Check ALL material listed to the text and to the drawings. This list is intended as a general guide only.

ITEM	MATERIAL	NO. PCS.	SIZE
<b>LUMBER:</b>			
Frame for #0, #1, centerboard and seat brace spacers	Mahog or Spruce	1	3/4" x 2" x 16'
Seat brace at #0 and cap and filler strips for centerboard	Mahog or Spruce	1	3/4" x 1" x 9'
Deck beam for #1 and skeg	Mahog or Spruce	1	3/4" x 2-3/4" x 6'
Seat brace for #1	Mahog or Spruce	1	3/4" x 1-1/2" x 2'
Keel	Mahog or Spruce	1	3/4" x 3" x 7'

Chine logs	Mahog or Spruce	2	5/8" x 1-3/4" x 8'
Sheer clamps	Mahog or Spruce	2	3/4" x 1-1/4" x 8'
Mast	Sitka spruce	1	2" x 2" x 13'
Boom	Sitka spruce	1	3/4" x 1-3/4" x 7'

**PLYWOOD**

Side planking, #3, #5, #1	Ext AB Plywood	1	1/4" x 4' x 8'
Bottom planking, #3, #10	Ext AB Plywood	1	1/4" x 4' x 8'
Transom, #2, #4, #5, #6, #7	Ext AB Plywood	1	1/2" x 4' x 8'

**FASTENINGS:** Nails refers to ring type boat nails in bronze. Screws refers to flat head wood type in hot tipped galvanized or silicon bronze.

- 3/4" #14 Nails - 1 lb.
- 1" #12 Nails - 1-1/2 lbs.
- 1-1/4" #12 Nails - 1/4 lb.
- 1-1/2" #8 Screws -7 dozen

**GLUE:** Epoxy - 1 quart