

# KID-ROW BILL OF MATERIALS

**LUMBER:** Pine, Douglas-fir, spruce, mahogany or most any type of clear dry wood is acceptable. All thicknesses and widths are listed as NET size while lengths allow for cutting to fit. All lumber is intended to be cut or ripped from 3/4" (net) thick lumberyard size stock. As an example, a 3/4" x 1/2" sheer member is ripped from 3/4" thick wood.

ITEM	NO. PCS	SIZE
Sheer, inner and outer	4	3/4" x 1/2" x 7'
#11 Breasthook & #12 knees	1 (makes all)	3/4" x 5" x 18"
Oar shaft	4	3/4" x 3/8" x 4'

**PLYWOOD:** All plywood is to be exterior or marine grade; interior grades will deteriorate in a marine atmosphere and are not recommended. The prototype used a "door skin" plywood with luan veneers, however, imported or domestic plywood of better grades are preferable. All plywood is to be 1/8" or 4mm thick.

ITEM	NO. PCS	SIZE
#1 thru #10-See Ply. Layout	1	1/8" or 4mm x 4' x 8'

**STITCHING WIRE:** Copper wire 12 or 14 ga. - 25 feet

**RESIN:** Preferably epoxy with slow hardener; optional dual purpose polyester resin with catalyst and surfacing agent. - 1 qt.

**MICROSPHERES:** (or equal) - 1 lb.

**SILICA:** 1 lb.

**FIBERGLASS TAPE:** 6 to 8 oz., 3" wide marine type, treated. 10 yds. Add 9 yds. if not fiberglassing the outside.

**FIBERGLASS COVERING (optional):**

**FIBERGLASS CLOTH:** 50" width = 2 1/3 yds.

**RESIN:** 1 qt. Epoxy or polyester

**FASTENERS:**

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

