

# Skimalong II

16'-7" long, 28½" beam strip-built single kayak

## SHOP NOTES FOR BUILDING AT HOME

### BILL OF MATERIALS:

#### A. WOOD STRIPS:

- For hull: approx. 20 strips 1/4" x 3/4" x 17 ft. long
- For deck: approx. 32 strips 1/4" x 3/4" x 16 ft. long
- For deck: approx. 42 strips 3/16" x 3/4" x 16 ft. long

Strips up to 1" wide are fine, and not so many required. Western red cedar is lightest (and best color range), redwood and Sitka spruce are next. Red cedar strips are available from Flounder Bay Boat Lumber, 1019 - 3rd St., Anacortes, WA 98221. A strip of Alaska yellow cedar here or there makes a great accent line. All strips are best if they are vertical grain, with growth rings close together. If you have the saw and the time, you can save a lot of money sawing your own strips from lumber. Consider shorter lumber (easier to find, and cheaper) and scarf-jointing to get lengths required (see para. 32, p. 10).

#### B. FIBERGLASS:

- For hull: 12 yds. of 4 oz. cloth, 50" wide
- For deck: 8 yds. of 2 oz. cloth, 38" wide

2 oz. cloth is available from Fiberglass Mart, 12621 So. Hwy. 99, Everett, WA 98204.

#### C. EPOXY:

- 1 gallon resin and 2 quarts hardener, will be just enough (1 qt. fast, 1 qt. medium)
- 8 oz. kit of "Quick Cure" 5-minute epoxy
- Mixing cups, squeegees, gloves, etc.

SYSTEM THREE offers regular epoxy for boats, with slow, medium, and fast hardener. It is available from The Epoxy Store (formerly "The Glass Dock"), 115 NW 46th Street, Seattle, WA 98107 (see ad in *Wooden Boat* magazine). SYSTEM THREE also has an excellent little book on fiberglassing with epoxy--the whole story. Their "Clear Coat" epoxy is less viscous and easier to work with, but costs more.

#### D. MISCELLANEOUS:

- For coaming: 1 sheet 1/8" mahogany plywood door-skin
- For coaming trim: 1/8" x 1/2" x 27 lin. ft. hardwood (six 4½ ft. long pieces)
- For sheer clamps: 3/4" x 7/8" x 17 ft. long cedar
- For cockpit support framing, stem, etc.: 3/4" x 3" x 6 ft. long cedar
- For strongback, deck forms, and legs: 2X4's and 1X4's
- For hull forms: plywood
- For flotation: 3 cu. ft. foam-in-place urethane kit
- For exterior: 1 pint ultraviolet-blocking exterior varnish

### TOOLS:

- Small hand block plane
- ¼" drill
- Bandsaw or table saw, and jigsaw
- Disc sander would also be nice
- Several spring clamps (middle size)
- Miscellaneous: screwdrivers, hammer, inner-tube, etc. (a Japanese "Shinto" file or a "Surform" file is a great help)