

'BEAVER' CANADIAN CANOE - MATERIALS LIST

NOTES

Stems, gunwales etc. may be of one of the more substantial softwoods: Port Orford cedar (Lawson cypress), fine clear Douglas fir etc. Or a medium-weight hardwood: ash, elm, mahogany.

Planking strips may be square-edge or concave/convex edged, about 3/4" wide strips. Normally 1/4" or 6mm; WR cedar could be 7mm (9/32") which will finish about 1/4" after fairing. Starting with 6mm stock should leave adequate finished thickness if using spruce, yellow cedar, etc.

Strips for laminating stems are best clean sawn - need not be planed.

BUILDING FORM	1" x 4" apr.	30'	25 x 100mm	9.3m
	1" x 10" apr.	14'	25 x 250mm	4.3m
	OR plywood 3/4" x 8' x 4'		20 x 1220 x 2440	
MOULDS	1/2" plywood	2 sheets	12mm x 1220 x 2440	
	1-1/4" square	20'	30 x 30mm	7m
STEMS	1/8" x 3/4"	120'	3 x 20mm	36m
PLANKING	3/4" x 3/4"	1250'	6 x 20mm	380m
KEEL	1/2" x 5/8"	16'	12 x 15mm	5m
INWALES	3/4" x 15/16"	36'	20 x 24mm	11m
GUNWALE RUB, STRAKE	3/4 x 3/4"	36'	20 x 20mm	11m
BREASTHOOKS	1-1/8" x 4-1/4"	2'	28 x 110mm	0.6m
SEATS	1" x 1-1/4"	8'	25 x 32mm	2.5m
	1/2" dowel	12'	12mm dowel	4m
THWART	7/8" x 2-1/2"	3'	28 x 65mm	1m
FLOTATION (optional)	1/4" plywood	2 sq ft	6mm ply	0.25
PADDLES	1-1/2" x 6"	8'	40 x 150mm	2.5m

Epoxy: 10 lbs/5kg. Measuring pumps. Rollers, brushes, solvent.

Staples - 500 9/16" 14mm
500 1/4" 6mm

Glass cloth - 180 sq ft/ 17 sq m of 6 oz/gm.

Seats - Acrylic cloth: ref. Sheet 2. 4' of 3/16" threaded brass rod/ 1.2 x 5mm. (or bolts). 12 nuts and washers.

'Canoeecraft' by Ted Moores is excellent on construction method and options.