

Basic materials for Shellback

Bottom:

1 sheet 4'x10' 1/2" (12mm) mahogany ply

Side Planks:

2 sheets 4'x12' 1/4" (6.5mm) mahogany ply

Midship Frame:

enough 1/8" x 1-1/8" x 42" Fir, to build out to 7/8"

Stem:

14 pieces, 1/8" x 1-3/4" x 42" fir or mahogany strips, to laminate out to 1-3/8"

Transom:

3/4" (18mm) mahogany ply, 18" x 36"

Spars:

Mast: 3"x3"x10' spruce, or glue-up from 2x4

Boom: 1-3/4" x 1-3/4" x 10' spruce

Yard: 1-3/4" x 1-1/2" x 9' spruce