



Wood Strip Freedom 15

Length: 15'4 [4.7 m]

Max Beam: 28" [.7 m]

Est Hull Weight: 40-55 lbs [18-25 k]

Ideal Weight On Board: 130-400 [59-181 K]



Bill of Materials – Freedom 15-4

Imperial Units

Hull Info:

Length: 15'4 [4.7 m]
Surface Area: 58 sq ft [5.4 sq m]
Cockpit Perimeter: 114" [2.9 m]

Wood Strips:

-3/4" tall, 16'4 long 77
-5/8" tall, 16'4 long 93
1) strips can be scarfed to achieve total needed length)
2) 5/8" calculation is for 3/4" strips with bead and cove

Epoxy (Resin and hardener): 1.5 gallons

Fiberglass Tape, 6 ounce, 2" 19 yards

Fiberglass Cloth, 6 ounce, 38" wide 23 yards
(cloth will have to be orientated at a slight angle for the lower hull)

Metric Units

Hull Info:

Length: 4.7 m
Surface Area: 5.4 sq m
Cockpit Perimeter: 2.9 m

Wood Strips:

-19mm tall, 4.7m long 77
-16mm tall, 4.7m long 93
1) strips can be scarfed to achieve total needed length)
2) 16mm calculation is for 19mm strips with bead and cove

Epoxy (Resin and hardener): 5.7 liters

Fiberglass Tape, 200 g/m², 51mm 18 meters

Fiberglass Cloth, 200 g/m², 1 meter wide 21 meters
(cloth will have to be orientated at a slight angle for the lower hull)