

Island Trail 22- Material Estimate

Hull	Units	Price/Unit	Total Price
Fiberglass-12 oz biaxial (saturated)	190	1.03	195.7
Fiberglass-18 oz biaxial	792.61	1.91	1513.8851
Foam Core-1.31"	8.7	2.36	20.532
Foam Core-1/2"	307.6	5.5	1691.8
Marine plywood 1/2"	29.26	4	117.04
Paint/Primer	190	0.96	182.4
Grand Total			3721.3571

Deck	Units	Price/Unit	Total Price
Cleats	3	28	84
Fiberglass-12 oz biaxial (saturated)	59.38	1.03	61.1614
Fiberglass-18 oz biaxial	118.84	1.91	226.9844
Foam Core-1/2"	59.38	5.5	326.59
Paint/Primer	59	0.96	56.64
Grand Total			755.3758

Furniture	Units	Price/Unit	Total Price
Drawer slides	4	6	24
Fiberglass-12 oz biaxial (saturated)	119.678	1.03	123.26834
Fiberglass-18 oz biaxial	162.978	1.91	311.28798
Foam Core-1/2"	89.678	5.5	493.229
Marine plywood 1/2"	5.644	4	22.576
Wood-Mahogany	1.22	9.25	11.285
Grand Total			985.64632

Machinery	Units	Price/Unit	Total Price
5 hp outboard	1	1600	1600
Grand Total			1600

Systems	Units	Price/Unit	Total Price
Grey Water tank	1	115	115
Porta Potti-half full	1	135	135
Sink with Faucet-Can	1	217	217
Stove-Hoodiny-Can	1	279	279
Water tank	1	115	115
Grand Total			861

Electrical	Units	Price/Unit	Total Price
Battery-12 vdc group 24	1	115	115
Fuse- Battery with holder	1	80	80
Switch-Heavy duty battery	1	40	40
Wire	1	2	2
Grand Total			237

Outfit	Units	Price/Unit	Total Price
Anchor- 9lb danforth	1	83	83
Docking lines-1/2"	1	12	12
Fenders	2	16	32
Life Jackets	4	9	36
Warp- 15 ft chain, 150 ft 3/8 rope	1	37	37
Grand Total			200

Rig	Units	Price/Unit	Total Price
Masts	1	6000	6000
Sails	2	600	1200
Rigging	1	900	900
Grand Total			8100

Total cost of Materials-Island Trail 22

Individual Builder \$16,460

Notes

- Price of epoxy is factored into the cost of the fiberglass cloth.
- This material list is only an estimate of the minimum amount of materials needed to build the Island Trail 22. Cost can be higher or lower depending on quality and price of materials and boatbuilding skill. Normal boatbuilding practice is to plan for around 20% waste for wood, epoxy, and foam.
- Material list does not include the cost of the strongback and molds as this varies greatly upon local lumber prices and type of timber used.
- We offer no guarantee of accuracy.