



The name dory was given by one of the first builders but while close, we agree that she is not a true dory. Her primary propulsion is oars but she sails very decently. Rowing, with one person on board, she performs really well but she can carry a passenger or two in dinghy service. The sprit rig fits her very well. A sailboard rig is proposed as an alternative.

## SPECIFICATIONS

LOA	12'	3,65 m
Max Beam	3'-8"	1,35 m
Hull weight	62 lbs.	28 kg
Sail Area	35 ft <sup>2</sup>	3,3 m <sup>2</sup>
Material	Plywood Cored Epoxy Composite	

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## BUILDING METHOD

This boat is built from flat plywood panels assembled with epoxy-fiberglass tape. The construction method is called "stitch and glue". For a detailed description of the stitch and glue boat building method, see our "How To" section where you will find a complete illustrated tutorial as well as information about epoxy, fiberglass, and plywood. The spars (mast and sprit) are made from 1x3 boards (12x30 mm) epoxy glued together. No shrouds required: very simple.

## REQUIRED SKILLS

The D12, thanks to her flat bottom, is very simple and easy to build. She is ideal as a first-time project. No woodworking skills or special tools are required.

## OPTIONS

A sailboard rig is proposed as an alternative.

## LABOR

The average construction time for the hull is 25 hours.

## MORE

Visit our [forum](#), help pages, tutorial pages and read our FAQ: most questions are answered there.

### LICENSE

As with all our plans, you have the right to build one boat from those plans. The designer holds the copyright to the design, and you purchase a license to build one boat. If you plan to build more than one boat, please contact us about licensing fees.

### BUILDING STANDARDS

These plans were drafted according to the ABYC rules. The ABYC (American Boat and Yacht Council) defines the boat building standards in collaboration with the USCG. Professional builders may be subject to more requirements. Consult the designer.

The ABYC standards are very close to the ISO norms and CEE requirements, but no European certification was applied for since this is not required for amateur boat building in Europe. CEE/ISO certification is available to professional builders for a fee.

## BILL OF MATERIALS

<b>Plywood (4x8' – 122x244cm)</b>		
6 mm (1/4")	2	
9 mm (3/8")	1	
Also see our <a href="#">CNC Kit</a> , which is a precut plywood kit that includes all the plywood needed to build the boat as designed.		
<b>Fiberglass Fabric and Tape</b>		
Fiberglass Biaxial Tape 45/45 12 oz., no mat, 6 in.	50 yards	46 m
<b>Resin</b>		
Epoxy	1 1/2 gallons	6 liters
Woodflour	1 pound	.45 kg
Also see our <a href="#">MarinEpoxy</a> or <a href="#">Silvertip Epoxy</a> kits which include all of the epoxy and fiberglass listed.		

This BOM covers all the supplies for this boat as designed. Usage of materials will vary in function of several factors. An experienced builder will use less resin. First time builders always use more resin, take that in account. Our resin usage calculations are based on a 50% glass content. Options, customization, and variations in fabric and foam cutting preferences will also affect the Bill of Materials. Our figures show an estimated average. Small variations in fiberglass specifications are acceptable, consult us for substitutions.