

The ATLANTIC VENEER MILL OUTLET

Beaufort

National Boatbuilding

Challenge

MATERIALS LIST

2016

BASIC MATERIALS LIST:

Sold wood species to be cypress or yellow pine

3 sheets 3/8" x 4' x 8' BS1088 spec. plywood

1 piece 3-1/2" x 3-1/2" x 24" for the stem

6 pieces 1-1/2" x 3/4" x 14' for the chines, inwales and rubrails

1 piece 3/4" x 3-1/2" x 12' for the keel

1 piece 1-1/2" x 5-1/2" x 5' for the skeg

6 pieces 1-1/2" x 7-1/4" x 4' for the transom, middle and rear seats.

1 piece 1-1/2" x 7-1/4" x 3' for the knees.

1 piece 3/4" x 5-1/2" x 6'-0" for the seats cleats

2 pieces 3/4" ply x 24" x 60" for the molds, minimum

2 closed oarlocks, side and top screw to mount

2 boat # decals

whistle

#2 square head and #2 phillips square head drivers are required

Required minimum fastenings are below; but people run out of them, especially nails. Have on hand an additional 10%.

Fastenings: Galvanized or bronze may be substituted for stainless 316, all fastenings.

| | | |
|--------------------------------|-------|--|
| Gunnels----- | 50pcs | 1 1/4" stainless ring shank nails |
| Inwales----- | 50pcs | 1" stainless ring shank nails |
| Chine logs----- | 50pcs | 1" stainless ring shank nails |
| Breast plate----- | 8 pcs | 1-1/4" stainless ring shank nails |
| Seat blocks----- | 24pcs | 3/4" stainless ring shank nails |
| Seat cleats----- | 24pcs | 1 1/4" stainless ring shank nails |
| Seats----- | 20pcs | 1" #8 stainless screws, fasten from the outside in |
| Keel----- | 24pcs | 1" stainless ring shank nails |
| Bottom panel----- | 50pcs | 1-1/4" stainless ring shank nails |
| Bottom butt block----- | 25pcs | 3/4" stainless ring shank nails |
| Side butt blocks----- | 32pcs | 3/4" #8 stainless screws |
| Stem----- | 8pcs | 1-1/2" #8 stainless screws |
| Transom sides----- | 8pcs | 1-1/2" #8 stainless screws |
| Skeg----- | 9pcs | 2-1/2" #8 stainless screws, fasten from top down. |
| Knees----- | 8pcs | 2-1/2" #8 stainless screws |
| Temporary mold fastenings----- | 6pcs | 2" drywall screws |
| Caulk, glue----- | 2pcs | tubes, Sikaflex |
| Oarlock screws----- | 8pcs | 7/8" gauge size to fit, bronze screws |

