



## (Large) Hulls for Luxury boats



### **Vacuum infusion technology is used for this (large) 52- foot hulls:**

- To reduce styrene emission
- To reduce weight
- To achieve more consistent quality and better surface aesthetics
- To get a stronger construction

### **Description:**

Windy boats 52-foot hulls using vacuum infusion technology.

### **Production technology:**

Vacuum infusion

### **Laminate composition:**

In the processing of this particular 52-foot hull, a high quality tie coat was behind the gelcoat, using two layers of CSM and Atlac 580 ACT. A pre-accelerated, thixotropic vinyl ester-urethane resin, Atlac 580 ACT provides excellent osmosis resistance and very low shrinkage. The structural lay-up consisted of a glass/PVC foam package designed to ease the resin flow. Atlac 580 AC 200 was used as the infusion resin to ensure good wetting of the reinforcements, very good osmosis resistance and low shrinkage.

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