

Hobie Cat

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Ama Reinforcement with 2 part Urethane Foam

We have found that the amas are much better if the top and bottom of the hull are joined together right under the shock absorber. We have a simple technique to do that. In general we will make a dam made of mylar to mold two part foam inside the hull. The details follow;

Remove the shock mount. Directly under the mount drill or saw or file a 1" dia hole. A 1" dia hole saw works best, but a butterfly bit or a file will work. The hole will be covered with the mount later.

Roll up the mylar dam and put it into the hole and unroll it inside the hull.

With the mylar dam centered around the 1" dia hole mix the two part urethane foam and pour exactly half of it into each ama. Use equal amounts of part A and B and mix very quickly but thoroughly. If the temperature is above 75 deg you will have to work very fast. Mix the two components vigorously until the foam begins to rise. If the you pour the resin too soon then the resin can run under the dam and not rise high enough.

After the foam has risen out of the hole and hardened trim it flat and reinstall the shock mount.

Good luck and good sailing.

Sincerely;

Greg Ketterman Ext. 203