



Fiberglass Services, Inc.

5612 C Lawton Dr.
Sarasota, FL 34233

Phone: (941) 923-8112
Fax: (941) 923-2133
e-mail:
information
@fiberglassservices.com

- ◆ Epoxy
- ◆ Resin
- ◆ Gel Coat
- ◆ Mat
- ◆ Woven Roving
- ◆ Cloth & Tape
- ◆ Biaxial
- ◆ Coring Material
- ◆ Polyurethane Foam
- ◆ Aerosil
- ◆ Talc
- ◆ Pigments
- ◆ Webbing Solution
- ◆ Styrene
- ◆ Acetone
- ◆ Brushes/Rollers
- ◆ Tools

REPAIRING MOLDED FIBERGLASS BOATS

1. Sand away dirt, grease and small particles from damaged areas.
2. For cracks or gouges, use ADTECH # 14 to fill small areas. Refer to package instructions.
3. Repairing holes in molded boats requires grinding away the damaged area and feather-edging a minimum of 2 inches larger than the hole.
4. Wipe with acetone.
5. Protect hand from aggressive chemicals by wearing latex gloves.
6. Apply a piece of acetate taped to a piece of cardboard to the outside of the boat. The acetate prevents the fiberglass material from sticking to the cardboard.
7. Secure with tape to the boat.
8. Cut a piece of fiberglass Biaxial cloth 2" bigger than the hole
9. Mix resin and hardener according to package directions. Mix only enough resin for that repair job. Work resin mixture in Biaxial with a disposable brush. Apply to the inside of the boat against the acetate.
10. You will have about 20 minutes of work time with the resin.
11. Use a bubble roller to remove all air bubbles from Biaxial repair.
12. Repeat steps 8,9, and 10, this time cutting Biaxial 2" larger than first patch.
13. After repair material has hardened and cured, remove the cardboard from the outside of the boat.
14. Fill any surface imperfections with Adtech # 14. Do not fill completely.
15. On outside of boat, sand surface back to a feather-edge, at least 3 inches around hole.
16. Apply two layers of 1.5 oz. Fiberglass mat, using the same method as with the Biaxial. (Step 9, 10, 11)
17. After it has cured, sand and paint or gelcoat.
18. Clean all tools with acetone.

POLYESTER RESIN HELPFUL HINTS:

1. Surface preparation is most important to insure a good bond. Completely remove all paint, varnish or other surface coating, down to the bare material. Scrape, sand or use an acetone wash.
2. Add correct amount of hardener to resin, stir for at least one minute. Do not mix more than one quart at a time.
3. Our resins do not contain any wax additives (surfacing agent) therefore the resin will remain tacky so you will get a good bond with your gelcoat.

If you want a hard tack-free surface, add surfacing agent to your resin.