



Airalite™ Boat Repair Tips and Hints

A. Cuts and Gouges

Materials Needed

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- A Bond-able Adhesive: examples: Super Glue, Polyester Resin, and Methyl Methacrylate

Instructions

- **Step 1:** Clean the damaged area with soap and water.
- **Step 2:** Using knife, remove all chips that extend from the hull.
- **Step 3:** Fill the damaged area with adhesive.
- **Step 4:** Stretch a piece of clear plastic wrap over the area and smooth out. Allow adhesive to harden. This can take up to 24 hours to fully cure.
- **Step 5:** Lightly sand area with 400 grit **wet** sand paper.

Optional: Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull with commercial gloss spray paint.

B. Cracks or Splits on Hull or Deck

Materials Needed

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- Adhesive Tape
- Drill with 1/16 inch Bit
- Polyester Resin
- Fiberglass Tape

Instructions

Step 1: Clean the damaged area with soap and water.

Step 2: Using knife, remove all chips that extend from the hull.

Step 3: Drill a hole using the 1/16-inch drill bit at both ends of the crack or split.

Step 4: Apply resin to the crack or split.

Step 5: Cover area with clear plastic wrap and use adhesive tape to pull the damaged edges together.

Step 6: After approximately 1 hour, or after the resin sets, remove the plastic wrap and tape.

Step 7: Cut a piece of the fiberglass tape so that it extends over the damaged area plus about 1-inch on either end.

Step 8: Mix enough Polyester resin to cover the tape on both sides.

Step 9: Cover tape on both sides with resin.

Step 10: Place Tape over the crack or split from the inside of the hull when allowable. Press the tape down so that it sits cleanly over the damaged area.

Step 11: Allow to harden for 24 hours, though boat can usually be handled within 1 hour.

Step 12: Lightly sand area with 400 grit **wet** sand paper.

Optional: Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull with commercial gloss spray paint.

C. Leaking Through Seams

Materials Needed

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- A Bond-able Adhesive: examples: Super Glue, Polyester Resin, and Methyl Methacrylate

Instructions

Step 1: Clean the damaged area with soap and water.

Step 2: Fill the damaged area with adhesive.

Step 3: Stretch a piece of clear plastic wrap over the area and smooth out. Allow adhesive to harden. This can take up to 24 hours to fully cure.

Step 4: Lightly Sand Area with 400 grit **wet** sand paper.

Optional: Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull area with commercial gloss spray paint.

