



## Coloured Kevlar Skid Plate Installation

(As found on Swift Composite Canoes)

**It is highly recommended to do this work on a warm, dry day, outdoors or in a very well ventilated area.**

### **Your kit contains;**

- Rubber Gloves
- Strips of Kevlar felt
- Resin and Hardener\*
- Mixing stick and cup for Resin/Hardener
- Coarse sand paper

### **You will also need;**

- Disposable 1" wide paint brush with synthetic bristles
- 2" wide masking tape
- Face mask
- Large, flat piece of cardboard
- Newspaper

*\*Note to our U.S. Customers - Hardener will not be included in your kit as we are unable to ship it across the border. Liquid marine hardener can be purchased at almost any hardware store or marine supply.*

1. Place the canoe, hull side up, on a pair of saw horses or canoe stand.
2. From the deck of the canoe, measure down 7" on the bow, and 9" on the stern, then tape the narrow end of the kevlar felt strip here. Without stretching it, lay the kevlar strip over the stem and tape the wide end down under the hull. Ensure that the kevlar strip is centered and straight along the keel line.
3. Place wide masking tape in straight lines about 1/2" away from the taped on Kevlar strip, all around it. This will give a border/sharp edges for the resin. It is a good idea to protect the boat outside the skid plate area with newspaper attached to the masking tape; this is in case resin splashes as it will not come off.
4. Remove the taped on kevlar strip and sand the area inside the masking tape.
5. Prepare the other end of the canoe following steps 1-4.
6. Wearing rubber gloves, mix the hardener, gel and resin together - 1 full cup of resin requires 5mL of hardener and enough coloured gel to colour match your boat (be sure to save enough unmixed hardener, resin and gel for a second coat). Thoroughly soak the piece of felt in the resin mix. A flat piece of wood or cardboard makes a great working surface for soaking the kevlar strip. Once the resin and hardener are mixed, you have about 20 minutes of working time.
7. Lay the soaked piece of felt over the area within the masking taped area. It is normal for the felt to stretch a little. Press down the area with gloved hands to squish out air bubbles under the kevlar strip. Repeat this on the other end of the canoe.
8. Let the skid plates set until the resin has started to tack up, and then remove masking tape and newspaper. Do not move the canoe in case the skid plate should move or run.

**IT IS IMPORTANT TO LEAVE THE KEVLAR SKID PLATES IN A WARM, DRY AREA FOR AT LEAST 24 HOURS TO FULLY CURE.**

9. Re-mask of both ends and lightly sand.
10. Mix up saved gel, resin and hardener and apply to skid plates to smooth them out.
11. Let stand 10 minutes and remove masking tape being very careful not to allow wet resin to touch the boat.

**NO MORE SANDING SHOULD BE REQUIRED**

**Swift Canoe & Kayak**

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