



Kevlar Skid Plate Installation

(As found on Swift Royalex Canoes)

Please read all instructions thoroughly. If you have ANY questions prior to starting your repair, please call the factory at 866-386-1881 to discuss before you start working.

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

**When working with composite repair materials we suggest you do not work in direct sunlight as this will cause the materials to cure much more quickly.*

Your kit contains;

- Rubber Gloves
- Strips of Kevlar felt
- Resin and Hardener*
- Mixing stick 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

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 and the resin together (pour the entire can of hardener into the can of resin and mix) and 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 10 minutes* of working time.
**Working times will vary depending on conditions. 10 minutes is approximate - please be prepared*
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.
**If you notice the edges of the skid plates curling up as they are curing, be sure to smooth them down with your fingers as they cure to ensure that they adhere fully.*
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.

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