

SKID PLATE KIT - COMPOSITE



Exposed fabric on the bow or stern of your Kevlar, fiberglass or hybrid composite canoe indicates it's time to install skid plates. The sleek 32 x 3 inch Kevlar felts are ideally suited for the fine entry lines of today's high-tech lightweight canoes. Within an hour your canoe will be wearing durable marine epoxy / Kevlar skid plates that will ensure many more days on the water.

What's Included

- 1 Resin "A" (large can)
- 1 Hardener "B" (small can)
- 2 32 x 3 inch Kevlar Felts
- 1 1 1/2" Brush
- 4 Disposable Gloves
- 1 Sandpaper Square



Tools You'll Need

- Pencil
- 48" x 24" piece of cardboard - tape a trash bag [plastic] over it
- Clean Rags / Shop Towels
- Masking Tape
- Denatured Alcohol
- Acetone

Safety

Use adequate ventilation; keep away from open flame; protect yourself from prolonged breathing of vapors and contact with skin. We recommend using a NIOSH approved respirator with organic safety cartridge and safety glasses.

How To

1. Turn your canoe upside down on sawhorses and make certain to assemble everything you need before mixing the resin and hardener. The optimum working temperature is 70°.
2. Surface preparation is critical. Clean off all dirt, grease, oil and surface accumulation with a detergent (like Dawn or Simple Green) and water.
3. Lay the dry felts on the canoe and trace the outline on the surface. As a general rule position the tip of the skid plate eight-to-ten inches below the gunwale near the waterline.
4. Lay the dry felt aside. Lightly sand inside the lines. Use a clean rag and wipe the sanded area with acetone.
5. Mask the prepped area to catch inevitable drips. [TIP: the felts will gain 5-10% in length when wetted-out]
6. Pour ALL the hardener into the resin can and mix for two minutes. It's pre measured. You have more than enough resin to saturate both Kevlar felts. Resin cures as a function of volume. Left in the can, catalyzed resin will get smoking hot within 30 minutes. Spread that same volume to a 1/8" thickness and you have about 2 hours of working time.
7. GET THE CATALYZED RESIN OUT OF THE CUP. Pour a line of resin onto the working surface lay a felt in the pool, pour a line down the middle of the felt, lay the next felt on top and pour the remaining resin over both. Work the felt with gloved hands like bread dough or by dabbing with the brush to ensure both felts are completely soaked.
8. Place the wet skid plate on to the prepared surface and smooth it out with your gloved hand, working from the center towards the edges to evict trapped air bubbles.
9. Repeat for the opposite end of the canoe.
10. Before the resin has completely cured wipe off runs and drips with a acetone moistened rag.