

SKID PLATE KIT - ROYALEX

When the bow and stern of your canoe shows wear and damage from scraping over shoals and shallows, extend its life by applying Kevlar skid plates. Your Royalex canoe is a vinyl-ABS-foam sandwich; it's time for skid plates when lighter colored ABS material or foam core shows. The same is true of Polyethylene canoes like the Town Discovery series. Simply flame treat the surface and this versatile kit will protect your poly boat too.



What's Included

- 2 Resin "A" (large cans)
- 2 Hardener "B" (small cans)
- 2 Kevlar Felts
- 6 Disposable Gloves
- 1 Square of sandpaper



Tools You'll Need

- Pencil
- 48" x 24" piece of cardboard - tape a trash bag (plastic) over it
- Paper Towels / Clean Rags
- Masking Tape
- Denatured Alcohol / Acetone
- Putty Knife
- Propane Torch (for Polyethylene)

Safety

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

How To

1. Turn your canoe upside-down on sawhorses and stage your work area before mixing resin and hardener.
2. Surface preparation is critical. Clean off dirt, grease, oil and surface crud with a detergent (like Dawn or Simple Green) and water.
3. Lay the dry felts on the canoe and trace the outline. As a general rule position your plates ten-to-twelve inches below the gunwale, tip an inch or two above the waterline [felts saturated with resin will gain 10-15%, primarily in length].
4. Set the dry felt aside. Sand inside the lines. Use a clean rag and wipe the sanded area with acetone.
5. When installing on polyethylene canoes [Old Town calls the material PolyLink3; Mad River, Triple Tough; Wenonah, TPR], you must flame the surface. Adjust the blue cone to 1" and rapidly sweep your torch back and forth across the area receiving the skid plate. This open flame step is critical. You want to BLUSH the surface, not heat it.
6. Mask the prepped area to catch the inevitable drips.
7. Pour ALL of one hardener can (B) and one resin can (A) together and stir for two minutes. It's pre measured. You have plenty of resin to saturate one felt.
8. GET THE CATALYZED RESIN OUT OF THE CUP. You have 15-20 minutes of working time. Pour a line of resin onto your work surface (this is where the trash bag comes in), lay a felt in the pool of catalyzed resin, pour the other half on top of the felt. Work the felt with gloved hands like bread dough or by dabbing with the brush. The felt must be thoroughly saturated "wetted-out" with catalyzed resin.
9. Place the wet skid plate on the prepared surface and smooth it out with your hand, working from the center towards the edges to evict any trapped air bubbles.
10. Clean off runs and drips with a putty knife, or rag and acetone while the resin is still gooey.
11. Starting at step 6, repeat for the opposite end of the canoe.
12. Pull the masking tape in about 1 hour.