

Mixing Instructions for Hip Block Install Kit

The installation kit supplied with your River Elf hip blocks contains a two part epoxy system consisting of resin and hardener. It also includes a vial of black pigment and a container of powdery micro balloons.

General Information:

Resin Mixing Ratio: Use **three parts** Resin to **one part** Hardener.

Working Time: 20 – 25 minutes at 75 °F

Cure Time: 10 – 12 hours

Pigment Mixing Ratio: Use **one teaspoon of pigment** per **4 ounces** of resin/hardener mixture.

A convenient way to measure small amounts of resin and hardener is to use a regular sized plastic spoon (teaspoon) available at any grocery store. **Measure accurately** and mix in a sturdy plastic cup. Be careful not to contaminate your resin or hardener supply.

For reference:

8 teaspoons = approximately **1 ounce**

thus,

six teaspoons (resin) + two teaspoons (hardener) = one ounce of *resin/hardener mixture*.

Tips for Making the Micro-Balloon Mixture:

Make enough micro balloon mixture to do both hip blocks during the same session. Be sure that all of your prep work is done and that the hip blocks are totally sealed so that the micro-balloon mixture will not leak out into your boat.

We recommend using 4 ounces of resin/hardener mixture for this job. Mix the contents in a separate mixing cup before transferring them into the zip lock bag for dispensing. Mix in the following order:

- Add three ounces (24 teaspoons) of **RESIN ONLY** to your empty mixing cup.
- Add one teaspoon of black pigment and mix thoroughly.
- Add one heaping teaspoon of micro balloons at a time to your resin/pigment mixture – stirring in between each teaspoon.
- Keep adding micro balloons until you create a thick syrup which runs. You will probably need 4-6 teaspoons of micro balloons. Mix thoroughly!

- Once your mixture is at the right consistency and you are ready, add one ounce (8 teaspoons) of hardener to the cup and mix thoroughly.
- Transfer the mixture into your zip lock dispensing bag and begin work.

Tips for Making the Resin/Hardener for the Reinforcement Work:

After the micro balloon work is done, you will need to mix epoxy resin for the inside reinforcement work. Make enough resin/hardener mixture to reinforce both hip blocks during the same session.

We recommend using 3 ounces of resin/hardener mixture for this job. Mix 18 teaspoons of resin and 6 teaspoons of hardener to a sturdy plastic cup and mix thoroughly.

River Elf