

GETTING STARTED WITH
RESIN



ALASKAN RIVER

Supplies:

- [MakerPoxy](#)
- [Mixol Pigment #9](#)
- 24" x 48" x ¾" MDF
- 24" x 48" x ¼" Baltic Birch
- [TiteBond glue](#)
- Clamps or weights
- Router or CNC
- [Legs](#)
- [Aluminum \(HVAC\) Tape](#)
- Drill
- Level
- [Wagner Furno Heat Gun](#) or Torch
- [64-ounce mixing cups](#)
- [Stir sticks](#)
- [Plastic or rubber mat](#)
- Extra cups or pucks to elevate the project
- [Gloves](#)
- [Mask](#)
- [Painters tape](#)
- Finishing Oil (Rubio Monocoat)
- [Penetrating Epoxy](#)
- Extra project/mold. See note.

All links are included with this PDF to complete the project as shown. Simply click on the description name to be taken to Amazon.

1. Sand the Baltic Birch with 120 grit sandpaper.
2. Clean with Alcohol or tack cloth.
3. Use the TiteBond to glue the Baltic Birch to the MDF. Over glue to achieve maximum coverage. Try and keep it aligned squarely when you clamp. Let dry.
4. If you are using a CNC:

Use Google maps to find a section of a river that can reasonably be done on your CNC. Screenshot and save to your computer. Once you have it saved you can use it within your program to create a vector for cutting. Set your depth to ¼"

If you are using a handheld router:

Follow the above steps in Google maps. Save to your computer. Contact your local printer (Kinkos/Office Max/etc.) and ask for an architectural print or large-scale print. These are usually around \$3.50. Once you have your print use either tracing paper or score into the wood with an

awl and then use your router to follow your pattern. Set your depth to ¼"

Remember—rivers are ever-changing and do not have to be perfect.

Do any touch-up sanding and clean again.

5. Using the HVAC tape create a dam on the ends of the table to prevent the epoxy from spilling out.
6. Collect your epoxy supplies and put your PPE on.
7. Elevate your table and level.
8. Measure 24-ounces of MakerPoxy. 12-ounces part A and 12-ounces of part B. Mix for 3.5 minutes making sure to scrape the sides of the cup and bottom.

Note: This measurement is highly dependent on the overall size of your river. I always have extra molds or projects around to pour in case I have too much epoxy left over. It is ALWAYS better to have too much epoxy on a large project than not enough. As you become more comfortable, you will be able to gauge how much is needed based on the substrate size. There are online calculators you can use to help this process. Google is your friend.

9. Add 7-10 drops of Mixol #9. This will be a personal preference on the color of your river.
10. Pour into your river, stopping halfway up. Flash with your Wagner Heat Gun or torch and allow to settle for a few moments. Tip—It is easier to add more than to scrape or sand. The epoxy will settle and flatten as it relaxes.
11. Add another small pour to reach the top of your river. If some spills out, use a paper towel to clean it up.
12. Let cure for 48 hours.
13. If you have spillover, you can carefully sand. Clean all dust.

Finishing

I use a soft blanket to flip my projects over onto and either use a penetrating epoxy or Rubio Monocoat to finish the underside of my pieces. On this project, you can use acrylic paint on the bottom of the MDF. On the edges, you can either paint or use edge banding to carry the wood look down.

Once the underside is completed and dry, flip over and apply Rubio Monocoat or a finish of your choice. Rubio is great for going over epoxy and not reducing the gloss. It only needs to be sanded using 120 grit sandpaper before application. Follow the directions on the label for application and dry times.

Attach the legs.

Wait three days before putting any weight or any object on your new table!