

GETTING STARTED WITH
RESIN



OCEAN BENCH

Supplies:

- [MakerPoxy](#)
- Wood slab or a section. 24" x36" x3"
- [Legs](#)
- Bolts and washers for attaching
- Drill
- Level
- [Mixol Pigments. #25, #9, #99](#)
- 99% isopropyl alcohol
- [Spray Bottle](#)
- [Wagner Furno Heat Gun](#)
- [64-ounce mixing cups](#)
- [32-ounce mixing cups](#)
- [Stir sticks](#)
- [Plastic or rubber mat](#)
- Extra cups or pucks to elevate the project
- [Gloves](#)
- [Mask](#)
- [Painters tape](#)
- Extra project/mold. See note.
- Finishing Oil (Rubio Monocoat) or Penetrating Epoxy

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. Collect all your supplies and put your PPE on.
2. Sand slab with 120 grit sandpaper.
3. Clean with Alcohol.
4. Use the painter's tape to tape the back of the slab (or you can sand later.)
5. Elevate your slab using extra cups or pucks. Level.
6. Mix 64-ounces of epoxy. 32-ounces of part A and 32-ounces of part B.

Note: This measurement is highly dependent on the overall size of your slab. 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.

7. Divide the epoxy into 5 cups. Cups 1-3 add 15 ounces, and in cups 4-5, add 5-7 ounces. Leave the remaining in the large cup. We will use this for the white of the wave and if you want to add more of color once you have them all laid down.

8. In cup 1, add 7-8 drops of Mixol #99. In cup 2, add four drops of Mixol #9 and 4 drops of Mixol #99. In cup 3, add 7-8 drops of Mixol #9. Stir until thoroughly mixed. If you want these colors to be darker, add one drop at a time to achieve the desired color. Do not add more than 15 drops, or it could compromise the integrity of the resin.
9. Cups 4-5 leave clear for now. One we will use to add our white wave to, and one is the "float layer." Each cup needs to be enough to make one stripe across the entire length of the slab.
10. Starting on one edge of the slab and leaving approximately 1-2" from the side of the slab, pour cup 1 in a wave-like motion across the base of the slab. Follow with cup 2, then cup 3. Again, leave a space between all these pours. Typically, an inch or two is enough.
11. Next, use a gloved hand to spread the epoxy into the gaps that we've left. Do not worry about it looking thin now. When we use the heat gun and add the waves, it will help fill these spaces.
12. Once you have spread the epoxy around, use the Wagner Heat Gun on low to gently move the epoxy. We are looking to blend the colors. You can also lift and tilt to achieve blending and flow.
13. In cup 4, add 15-20 drops of Mixol #25. You want to stir this one and then stop for a count of 10. If you see small bubbles forming (think carbonated soda), then you have enough white. If you do not see little bubbles forming (while you are not stirring), then add two drops at a time until you see small bubbles popping.
14. Use cup 5 (clear) and trace the top of the wave to create a "float layer." This is what helps prevent our white wave from blending with the blues below. Take the clear and add a stripe directly on and above the top of our third blue layer. Quickly flash this with the heat gun but do not try and blend it.
15. Using cup 4 (white), pour the white directly on top of the clear layer in step 12.

Note: I like to pinch the cups to help control the flow in this step. You can always add more, but it is tough to takeaway.

16. Using the Wagner Heat Gun at an angle, push the white into the blues. This motion is dependent on your body ergonomics but aim for a 30-degree angle to drive the white across the blue. **DO NOT OVER BLEND.**
17. Using the 99% alcohol in the spray bottle quickly, and one time, mist over the white. Do not mist more than once or twice. This will cause pitting in the epoxy.
18. Let dry for 48 hours. Remove tape.

Finishing

You have endless options here—coffee table to a bench. I also like leaving the drips on the side. It reminds me of a waterfall effect. If you want to have a smoother side angle, use 60 grit, then work your way up to a finishing grit on the sides. 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.

Once you've finished the underside and allowed it to dry appropriately predrill any holes, you'll need according to your bolt pattern and then flip.

Flip your bench over and apply Rubio to the exposed wood using an old credit card or soft rubber scraper.

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 bench!