



## **Liquid Stone™ & Liquid Stone Ultra UV™ Instructions**

### **INFORMATION**

Be sure to visit our website and read through the Frequently Asked Questions section before using our products. You can also reach out to us if you have any questions.

### **BEFORE MIXING**

Liquid Stone™ Epoxy Resin should be used in a room where the humidity is under 50%, and the temperature is 75-80° when pouring. When the humidity is over 50% a dehumidifier should be used in the room where the pouring and curing is taking place. You can set the Resin in hot water for 10 minutes to have a thinner mixture; this will also help cause less trapped air in the mixture. Be careful to not get any water into the epoxy. Temperatures below 75°F will cause the curing process to be slower.

### **CALCULATE REQUIRED EPOXY**

Measure the surface area (length x width) of what you will be coating. Times the number of your surface area by 3 to get the total ounces you will need per coat of epoxy resin. You may want to add extra if you plan to use multiple color additives. Example: 2' long x 4' width = 8 x 3oz = 24 ounces of epoxy resin required (12 ounces of Hardener, 12 ounces of Resin)

### **MEASURING**

Starting with the hardener, pour 1 part of hardener to 1 part of resin into a graduated cup/bucket. Be sure to measure the EXACT amount of each part or you could have issues with your mixture. Do NOT add more hardener than resin, this doesn't make the final product harder and will create issues. Do NOT guess or try to estimate your measurements. Inaccurate measurements will result in soft or sticky spots on surfaces.

### **MIXING**

In a clean graduated container, mix the measured resin and hardener. Mix for 2 minutes (use a timer) with your paint stick, scrape the sides and bottoms with the paint stick, and continue to mix for an additional 2 minutes. Large amounts of mixture may require additional mixing time. Mixing too fast can create trapped air; it is better to mix slowly.

### **POURING**

After the epoxy resin has been mixed thoroughly, immediately pour the mixture

onto your desired surface. Do NOT leave the mixture in your container, as it will - begin to get very hot and decrease your working time.

### **SPREADING**

The epoxy resin can be spread with a 1/8" trowel, paint brush, foam brush, or foam roller. Be sure to sufficiently cover all areas of your surface. Use your gloved hand or a paint brush to brush the epoxy resin on to the sides of your project. The epoxy resin will self-level and drip down the sides.

### **COLORING**

There are many different pigments that can be used to tint the epoxy resin such as latex spray paints, mica powders, oil-based paints, etc. Colors can be mixed into the epoxy resin (after being fully mixed), or sprayed on to the surface of the epoxy resin while still in liquid form. There are many techniques available online.

### **TORCHING**

Once you are satisfied with the design of your epoxy resin, you can use a propane torch to remove the trapped air from the epoxy. Hold the torch 6 inches away from the surface and sweep quickly across the surface until the bubbles disappear. Wait approximately 5 minutes and repeat that process. Be sure to not torch during the curing process or you may cause waves in the surface. Do not over torch as you can burn the epoxy.

### **CURING**

For best results, the room temperature should be between 75-80°F (Liquid Stone™) with the humidity levels under 50%. The coated item will need to cure for several days in a dust free room. 12-24 Hours after initial pour your epoxy will be dry to touch. After 3 days in the recommended environment, your epoxy will be fully cured and ready to use.

### **CLEANING**

Always have a plastic sheet over the work area you are using. Once the epoxy has cured, you will be able to pull the cured epoxy off the plastic sheet and dispose of it. If you need to clean up spilled epoxy while it is still in a liquid state, you can use acetone. Once the epoxy has cured you will need to remove it by sanding or using a paint stripper.

### **QUESTIONS?**

Feel free to contact us at [support@ksresin.com](mailto:support@ksresin.com) or you can view our Frequently Asked Questions page on our website [www.ksresin.com/apps/help-center](http://www.ksresin.com/apps/help-center)