

Liquids Diamonds Instructions

DO NOT MIX EVERYTHING AT ONCE!

When mixing, the more you mix together the more heat is created. Make sure you are ready to pour prior to mixing. Do not leave freshly mixed epoxy resin unattended for more than 3-5 minutes.

Please note that these instructions are only recommendations. Larger mixes will cure faster than smaller mixes. If your mixes are running hot, apply them to your application faster and/or make smaller batches.

HOT WEATHER WILL ACCELERATE THE CURE AND COLD WILL SLOW THE CURE!

1. Liquid Diamonds is mixed at a 2:1 ratio by volume or weight. If mixing by weight, mix 100/50 parts by weight. It is recommended that 50 grams is the minimum weight that can be mixed. Batches below 50 grams may not cure properly.
2. When mixing, make sure to use a round container.
3. Always pour the resin into your hardener when mixing. Hand stir the components in a circular motion. To avoid air bubbles, stir slowly. Scrape the sides and bottom of the mixing container. It is very important that both parts of the epoxy resin are properly mixed.
4. Pour the mixture into another empty cup and hand stir again for 3-5 minutes.
5. Let the mixture stand for 3-5 minutes to allow for any bubbles to rise to the surface. A torch or alcohol spray can be used to alleviate bubbles at this time.
6. When pouring the epoxy resin, try and pour as close to your piece as possible. Pour linearly so that the epoxy resin flows from front to back. This will help avoid bubble entrapment.

Cure times will vary and are dependent on mass, temperature, and volume. Full cure is roughly 16-24 hours based on room temperature of 75°F for small and medium castings up to 1 inch in thickness. Full cure is typically 24 hours. Any sanding or polishing of a cured piece should be done after a full cure (24-48 hours).