

# Aldax Enterprises Pty Ltd

Trading as Aldax Moulds

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## Liquid Diamonds

### Mixing Instructions

These mixing instructions are only recommendations. Please understand that larger mixes will cure faster and smaller mixes will cure slower. If your mixes are running hot, apply to your application quicker and/or mix smaller batches. (Weather alert! Heat will accelerate cure and cold weather will slow cure).

1. Liquid Diamonds is mixed at a 2:1 (resin/hardener) ratio by weight or volume. It is recommended to mix by weight to avoid mixing errors.
2. When mixing your resin, make sure to use a round container.
3. When mixing, always pour resin into hardener. Hand stir components for a minimum of 3-5 minutes in a round fashion. Stir slowly to help avoid air bubbles. Make sure to scrape the sides and the bottom of the mixing container. It is very important that the 2 components are properly mixed.
4. Pour mixed components into another empty cup. Again, hand stir mixed resin for 3-5 minutes. Pour direct to your mould or application.
5. When pouring your resin into your application, try and pour as close to your pieces as possible. Pour in a linear line so that resin flows from the front of your piece, to the back. These techniques help avoid bubble entrapment.

Please Note: Cure times will vary depending on mass and temperature. Heat will accelerate curing where as cold will decrease curing cycles. Large castings will cure very quickly where as small castings may take longer than normal to fully cure.

**Maximum bubble release** – This product can be mixed at a ratio of 65% hardener. This will create a super clear bubble free finish. Mixing by weight (100:65 resin/hardener). Your pieces will cure faster, harder, and have less bubbles than the 2-1 mixture. This mixing procedure is not recommended on large pieces above 2”.

Full cure at a 30gram (2-3oz.) mass is roughly 16-24 hours based on room temperature of 77F. For small castings and thin coats full cure is typically 24 hours. Any sanding or polishing of a cured piece should be done after full cure (24 hours).

Please keep containers tightly sealed when not in use. The hardener (Part B) is extremely sensitive to moisture. DO NOT allow hardener to remain open when not in use.