

U RESIN CAST

SAFETY:

PLEASE READ CAREFULLY. Keep out of reach of children.

Work in a well-ventilated room. The resin has a very low odour, however when heat is applied, it will produce fumes which are harmful to breathe in. It is very important to wear protective clothing, including gloves, safety glasses and a face mask when using the resin.

If resin comes in contact with face or skin, immediately wash and monitor reactions. If symptoms continue, seek urgent medical advice.

If resin comes in contact with your eyes, cautiously rinse with water for several minutes. Remove any contact lenses, if present. Continue to rinse. Seek urgent medical advice.

Do not Eat, Drink or Smoke the resin at any time. If ingested, rinse mouth out with water, ensuring that you do not swallow the water. Rinse with a maximum of 2 glasses (250mls) of water. DO NOT attempt to induce vomiting. Seek urgent medical attention.

For further safety instructions, please refer to the U RESIN (M) SDS.

When mixing the resin, ensure that you are mixing thoroughly for 2 minutes, scraping the bottom and sides of the container. Mixing is the most important step when using resin, and if done incorrectly can cause issues during the curing stage.

Ensure resin is stored away from direct sunlight and kept in a cool, dry environment. It is recommended to use the resin within 12 months after opening bottles.

Store resin in a cool, dry place away from the sun to allow for cooler resin temperature as well as avoiding yellowing in the resin.



MIXING RATIO 2:1 BY VOLUME (2 PARTS A : 1 PART B)

HOW TO:

1. Prepare your mix and pouring surface and ensure your area has proper ventilation.
2. Pour your desired amount of Part A and Part B into a mixing container.
3. Stir thoroughly for 2-3 minutes, ensuring to scrape the sides and bottom of the container.
4. Separate the resin in containers to add colours or pour the resin over or in your mould or wood crevices. (If using wood, ensure the wood is clean and dry.)
We recommend adding no more than 2-5% of colour to resin.
5. Allow the resin to settle and continue to fill as required.
6. If there are any bubbles, use a hot air gun or flame torch to gently burst them.
7. You will have 50 – 55 minutes working time before the gelling stage. (See curing times for more information)
8. Allow the resin to cure.

CURING:

When preparing for a pour the room temperature as well as the resin temperature are very important elements for curing times.

Below are the estimated curing times at specific ambient temperatures:

25 Degrees = 5-8 hours

40 Degrees = 8-6 hours

60 Degrees = 6-4 hours

With all casting resins, the thicker the pour the more exothermic heat is created, which can cause the resin to swell, bubble or turn yellow. We recommend, for the best casting results to pour no more than 15-20mm thick per layer.

The warmer and thicker a section of resin the faster the gel and curing time will be. If the room and resin are above general room temperature the gel time can be under 45 minutes.

