

U RESIN OCEANCAST

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/ in your mould or wood crevices. (If you are 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 butane torch to gently burst them.
7. You will have 280 minutes working time before the gelling stage
8. Allow the resin to cure.

CURING:

Below are the *estimated* curing times at specific temperatures (Celsius):

Any temperatures lower than 25 degrees will require more than 24 hours for curing time.

25 Degrees = 24 hours

40 Degrees = 20 hours

60 Degrees = 18 hours

This is a rough guide only, and will vary depending on a number of variables. The thickness of pour is not the only constraining parameter. The curing time of the cast is also influenced by the exothermic temperature, ambient temperature as well as the mould material.

Epoxy resins are thermosetting resin. The thicker the quantity of resin you cast, the more heat is produced and creates the exothermic reaction. We recommend, for the best casting results with OceanCast to pour no less than 50mm up to 100mm per layer.

