



CHILL DIAMOND FAST™

CAUTION !

*** READ ALL INSTRUCTIONS BEFORE YOU START ***

INSTRUCTIONS

DESCRIPTION: Chill DIAMOND Fast™ is a transparent casting resin, with optical clarity, that offers excellent resistance to ultraviolet rays. Highly compatible with various artistic fillers, this is the perfect formula to make exceptional jewellery.

Chill DIAMOND Fast™ is sold as a two-component kit: a resin (part A) and a hardener (part B). We always advise you try out the product on a sample to become familiar with the resin and better anticipate the result of your project.

****NOTE:** Chill Diamond Fast™ pot life is 24 min at 22°C on a mass of 200 grams.**

BEFORE YOU START:

1. TOOLS REQUIRED

- Clean graduated containers with smooth, flat bottom walls;
- Flat spatulas of at least one inch wide to scrape the sides and the bottom of mixing container thoroughly while mixing;
- Brushes to apply product on the edges or on curved surfaces.
- Vinyl gloves and goggles

2. SAFETY PRECAUTIONS

Always use gloves and goggles when working. Protect your clothes. Protect the work surface with plastic sheets, wax paper or newspapers.

3. AMBIENT TEMPERATURE:

Check that the temperature in your working environment is 22° C. Otherwise, the pot life of the resin could be greatly affected.

4. STORAGE

Epoxy resin must be stored in its box in a dry place at a temperature of 20 to 25° C. Keep out of reach of children. Do not leave resin and hardener in an open container.

SURFACE PREPARATION: Apply epoxy on a clean, dry surface free of oil, wax or grease.

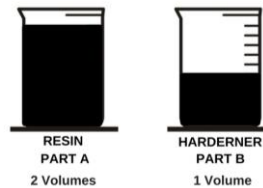
APPLICATION:

Mix only as much product as you need to cast. After mixing the resin with the hardener, you have about one hour working time at 22° C, before Chill Diamond begins to harden.

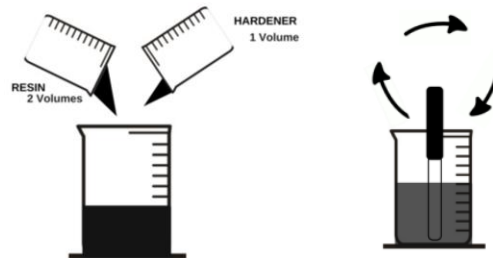
MANUAL:

1. RESIN AND HARDENER SHALL BE STIRRED SEPARATELY FOR AT LEAST 5 to 10 MINUTES.

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2. MEASURE carefully TWO volumes of RESIN (2X PART A) for ONE volume of HARDENER (1X PART B) in two separate graduated containers. Be vigilant and precise in dosages, otherwise the mixture cannot react properly (polymerization) and give a soft and sticky layer.



3. MIX. Pour the RESIN (2x part A) and the HARDENER (1x part B), previously measured in a clean container, scraping the sides and the bottom of each graduated container in order to recover the totality of each product.

Mix for at least five minutes, avoiding formation of air bubbles by too vigorous stirring. Ensure that the mixture is perfectly homogeneous for good results. Inadequate measuring and mixing is the most common reason for unsatisfactory results.

Mix for 2 more minutes, scraping well the sides and bottom of the cup in making sure the mix is as clear as water. If the mix is cloudy, keep mixing until optimal clarity.

Caution, the more mixture you work with, the more heat will be generated, the faster the mixture will thicken, so you have to work faster.

4. POUR AT ONCE: As soon as the mixture is thoroughly mixed, you can pour it in your mold.

****CAUTION**:** If part of the product has been left in the mixing container, it will become hot and set up.

5. BUBBLES: it is not necessary to use a torch to get rid of the bubbles. Let the resin degases naturally. The bubbles will pop up naturally after about 10 minutes.

6. CURE: For best results, keep an ambient temperature of 22° C. Allow to harden for 24 hours in a dry dust-free room. If the resin remains sticky, this indicates that the instructions have not been followed to the letter. Make sure to follow the instructions before a new attempt.

7. CLEAN- UP: when the resin is still liquid, it can be cleaned with isopropyl alcohol.

WARNINGS: Avoid skin and eye contact. In case of eye contact, wash thoroughly with water and consult a doctor. In the event of skin contact, wash thoroughly with soap and water. Keep out of the reach of children.

WARRANTY: Our recommendations are only given as a guide. Having no control on the use and applications of this product, the manufacturer cannot guarantee the results achieved. The warranty is therefore limited to the replacement of a product whose user can demonstrate that it is in fact defective.