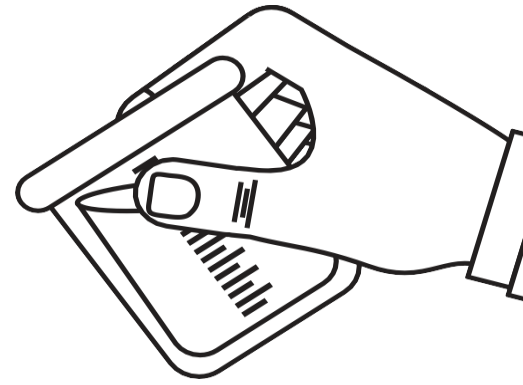


# CHILL EPOXY™



## CHILL FIX™ INSTRUCTIONS

CHILL FIX™ is a 100% reactive clear epoxy fast setting system with very low viscosity and high ultraviolet resistance allows repairing voids, cracks and knots on wooden substrates such as river tables, serving boards among others.

Its low viscosity and high reactivity allow to quickly fill any small repairs in a short period of time (few hours). CHILL FIX™ can be pigmented with our CHILL DROPS™ opaque and transparent series. It is also totally compatible with our metallic pigments.

The CHILL FIX™ is sold in format of 1.5L. Larger formats available upon request.

**NOTE: DO NOT MIX MORE THAN 150ML AT A TIME.**

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### 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 22C/72F. 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 22C to 25C (72-75F). Keep out of reach of children. Do not leave resin and hardener in an open container.

### SURFACE PREPARATION

Before using CHILL FIX™, make sure the wooden/epoxy sections are free on any contaminant (dirt, oil, and grease).

**SURFACE PREPARATION:** Protect work area from accidental spills. Slightly rough down repair area.

Heat is generated while the epoxy mixture cures; the more epoxy and hardener are mixed; the more heat is generated causing the epoxy mixture to cure faster. Only mix an amount of epoxy and hardener that you can use within the product's pot life.



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# APPLICATIONS

**IMPORTANT: WE STRONGLY RECOMMEND VALIDATING YOUR TECHNIQUES BEFORE ENTERING PRODUCTION. THE SUCCESS OF YOUR ARTWORK IS BASED ON THE STEPS MENTIONED ABOVE.**

It is important to note that pot life will be shorter in a warmer environment and longer in a cooler environment. The handling time will be affected accordingly. Also, mixing larger amounts of resin will shorten pot life.

Store CHILL FIX™ at 22 °C with relative humidity less than 60%. A cold environment will increase the viscosity of parts A and B and a warmer environment will decrease it.

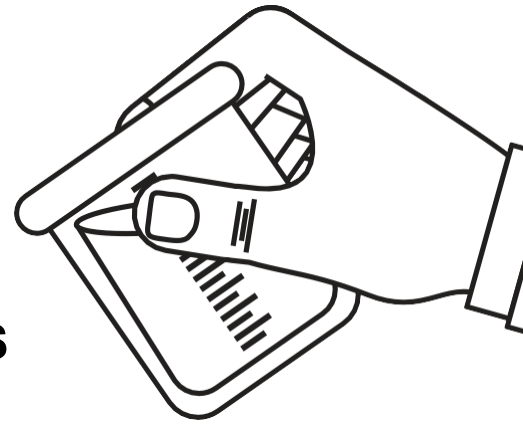
Uncured material can easily be cleaned using our green biodegradable formulation CHILL CLEANER™.

Contact POLYMERES TECHNOLOGIES for more information. [support@polymerestechologies.com](mailto:support@polymerestechologies.com)

# CHILL EPOXY™

## CHILL FIX™

## INSTRUCTIONS



### MANUAL:

1. **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.

2. **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.

Since the CHILL FIX™ is meant for small application, always mix smaller quantities and mix for at 3-5 minutes, avoiding formation of air bubbles by too vigorous stirring. Ensure that the mixture is perfectly homogeneous for good results. Inadequate measuring and mixing are the most common reason for unsatisfactory results.

3. Mix for 1 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 (3-5 mins), pour it evenly over the object to be covered. Ideally, choose only one strategic point where to pour the resin entirely.

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

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 22C/72F. Allow to harden for 3-6 hours depending on the mass in a dry dust-free room. If the resin-coated object remains sticky, this indicates that the instructions have not been followed to the letter. It is nevertheless possible to reapply a coat by following the instructions.

7. **CLEAN- UP:** when the resin is still liquid, it can be cleaned with our POLYCLEANER™





**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.