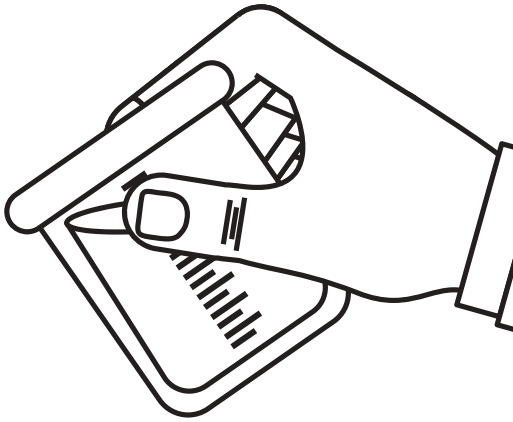
CHILL EPOXY™

POLYMÈRES technologies



CHILL ICE 2™ INSTRUCTIONS

DESCRIPTION: CHILL ICE 2™ is a low viscosity clear epoxy resin to be casted in thick layer. The CHILL ICE 2™ offers high resistance to ultraviolet rays. The CHILL ICE #2™ is ideal for medium/big size projects between 1.25" and 2.25" thick up to 60L.

This is a perfect formula to cast river in wooden tables. The very low viscosity of this system allows bubbles to pop up naturally at the surface, and disappear completely only after 5 -10 minutes.

Chill ICE 2™ is sold as a two-component kit: a resin (part A) and a hardener (part B).

We always advise you to try out the product on a sample to become familiar with the resin and better anticipate the result of your project.

****NOTE: Chill ICE 2™ pot life is 600 min at 22C/72F 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 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.

SEALER LAYER

It is recommended to apply a thin first layer to seal the surface of the object to be coated especially when it has porosities. The sealant layer helps to prevent the formation of air bubbles. Using a brush or a squeegee, spread a thin layer over the entire surface to be covered. You can continue with following steps
allowing a drying time of 12-18 hours at 22C/72F.

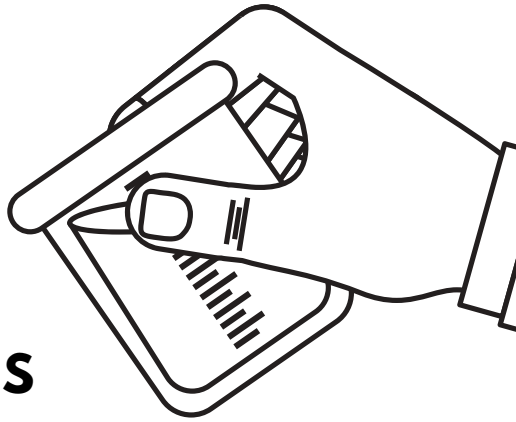
SURFACE PREPARATION

Apply epoxy on a clean, dry surface free of oil, wax or grease. The object to be covered can be placed about 5 cm above the worktop to allow the coating to drip freely off the sides of the item being coated.

APPLICATIONS

The CHILL ICE 2™ is ideal for small to medium projects between 0.5-1 inch thick. It is mostly use for small river tables, charcutery boads/serving trays. Since it was design for smaller/medium pours, the CHILL ICE 1™ will cure faster

CHILL EPOXY™



CHILL ICE 2™ 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.
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.

3. 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 (10-15 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 48-72 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 isopropyl alcohol.

True Zero VOC

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.