



# ZeraCrystal™

## Crystal Clear Decorative Epoxy Resin

### DESCRIPTION

ZeraCrystal™ is a “Deep Pour” crystal clear casting material based on state-of-the art 100% solids epoxy resin. It is a solvent-free, two- part epoxy that can be poured up to a thickness of 1.5 inches, depending on the volume. It cures to a glass-like appearance which is highly resistant to UV and yellowing for indoor applications.

ZeraCrystal™ has a combination of low viscosity and very slow-setting properties (48 hours @ room temperature), resulting in low exothermic heat buildup thus eliminating undesirable bubbles from forming and stress cracking.

### WHERE TO USE

ZeraCrystal™ (Deep Pour) is ideal for woodworking, such as river tables, wooden furniture, casting, see-through encapsulation and crafts.

ZeraCrystal™ is also recommended to be used for bar countertops and thick decorative flooring (1/4”) that requires a high level of transparency and clarity.

### BENEFITS

- 100% solids, low odour; zero VOC’s
- Excellent see-through clarity
- Attractive high gloss finish with good gloss retention
- Resistant to staining and yellowing
- Excellent flow and self-leveling
- Low viscosity allowing for ease of bubble release

### HANDLING PROPERTIES @ 23°C (74°F)

Mix ratio, by volume .....	2 part A: 1 part B
Viscosity (mixed) .....	600 cps
Solids content .....	100%
Mixed weight (density) .....	1.08 kg/litre (9.0 lb./US gal)
Pot life (working time) .....	60-90 mins
Set time .....	36-48 hours
Full cure and hardness .....	7-10 days
Hardness (Shore D) .....	80

### PACKAGING

11.34 litre (3 U.S. gal.) units

### LIMITATIONS

- Apply ZeraCrystal™ at room temperature with low level of humidity (less than 50%)
- Do not hand-mix ZeraCrystal™ or very slow mixing via mechanical means
- It is not recommended for thin-film coating application, minimum thickness 1/4 inch
- The product is slow curing (slow in hardness development) particularly in a thin film
- Protect from dampness, condensation, and water contact during 7 days cure period
- Not recommended for high heat or outdoor applications
- May slightly discolor (amber) upon direct exposure to sunlight for an extended period of time
- It is not designed to be used for large un-supported thick plastic sheets
- Product must be pre-tested for specific applications
- Product must be allowed for full cure (7-10 days) prior to demolding

### CLEAN UP

Clean all equipment and installation tools immediately with xylene prior to the material setting.

### SAFETY PRECAUTION

Consult the Material Safety Data Sheet (MSDS) for specific instructions.

### WARRANTY

“The recommendations made and the information herein is the result of accurate laboratory and field tests under controlled conditions. We guarantee that the quality and properties of the materials supplied conform to our standards. Zeraus Products Inc. makes no warranties, expressed or implied, as uses and applications are beyond our control. Zeraus Products Inc. shall not be liable for any injury, loss, or damage (direct or consequential) arising from use or inability to use the products. Before using, the user is urged to pre-test the products in his/her own environment to determine the suitability of the products for their intended use, and the user assumes all risk and liability whatsoever in connection therewith.

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