



Data Guide

EPOXY DOMING RESIN

PRODUCT DESCRIPTION

Epoxy Doming Resin is a two-pot Epoxy Resin formulated for use in the following areas – top-coating decorative wooden tops, wooden plaques, badges, cold epoxy enamelling and decoupage.

PREPARATION AND APPLICATION INSTRUCTIONS

1. Use a clean dry container, add two parts Base to one part Hardener (2:1), stir until the materials are thoroughly blended together, mixing should be completed after two minutes of vigorous mixing.
2. The importance of thorough mixing cannot be over emphasized - if bubbles are whipped into the mixture these can be removed later. **Note:** Improper mixing can result in soft/sticky spots.
3. Once you have thoroughly mixed the resin mixture, carefully pour over the surface in an even pattern, spread where necessary using a piece of stiff paper to help the liquid flow together.
4. If the mixed Doming Resin is left in the mixing container, it will become hot and set rapidly.
5. After the Doming Resin has been applied to the article, any air bubbles created while stirring will rise to the surface taking approximately five minutes to appear, these bubbles can be easily broken by gently using a propane torch.
6. Hold the torch approximately 150mm away from the article and sweep smoothly across the surface until the bubbles have disappeared; this process may be repeated as often as is necessary while the material is still in liquid form. Brush the edges until the material has set firm enough not to sag.
7. It is the carbon dioxide, not the heat which breaks up the bubbles.

CURE

1. For the best results, coat at temperatures between 22°C and 28°C.
2. Allow the coated item to cure in a warm dust free room.
3. Cure time will vary with humidity and temperature, humidity below 50% is recommended for proper hardness of the film.
4. Placing a clean cardboard box over the item is effective in keeping dust off the surface during the curing cycle.

Temperature	Dust Free	Cure Time
22°C	4-7 hours	72 hours
28°C	3-6 hours	48 hours
32°C	2-5 hours	36 hours

CLEANING

Clean mixing pots with Epoxy Thinners.

SAFETY PRECAUTIONS: Do not use near fire or flames. Harmful or fatal if swallowed. Use disposable gloves to avoid skin contamination. If resin comes into contact with skin, wash uncured resin off with soap and water. Wear safety glasses to avoid, eye contamination. Mixed formulation contains Epoxy Resin and Amines. If swallowed do not induce vomiting. Give a glass of water. Contact a Doctor or the Poisons National Information Centre on 0800 764 766 (Urgent information only). Eye Contamination: Hold eyes open and flood with water for at least 15 minutes. See a Doctor Immediately



WARRANTY

Because the use of this product is beyond the control of the manufacturer, no liability or responsibility can be accepted for any loss or damage arising from its application or use. Liability for faulty material is limited to replacement only.