Data Guide

EPOXY KNOT RESIN

PRODUCT DESCRIPTION

Epoxy Knot Resin is a two-pot resin formulated for use in the following areas: filling knot holes, top-coating decorative wooden tops, wooden plaques, badges, cold epoxy, enamelling and decoupage. Knot fill resin does set slightly yellow, for an awesome clear finish apply **Norski Doming Resin** over the whole piece.

DIRECTIONS FOR USE

1 Using a clean dry container, add one part of Hardener to four parts of Base, stir until the materials are thoroughly blended together, mixing should be completed after two minutes of vigorous mixing. A small bead of PVA can be used as a border around your knot hole as a barrier, although as the resin is very hard when cured you don't want to overfill the knot or blemish in the timber, objects can also be embedded in the knot fill resin if desired however a test should be done prior to ascertain that an adverse reaction won't occur .

2. The importance of thoroughly mixing cannot be over-emphasized –if bubbles are whipped into the mixture, these can he 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. Minimal shrinkage will occur when curing.
4. If the mixed Knot Resin is left in the mixing container, it will become hot and set rapidly.
5. After the Knot Resin has been applied to the article, any air bubbles created while stirring will rise to the surface taking approximately five minutes. These bubbles can be easily broken by using a propane torch, hairdryer or even by blowing gently thru a straw.

6 Hold the propane torch approximately 150mm away from the article and sweep across the surface until bubbles disappear; this process may be repeated as often as 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.
8. Pot life, 100gm mass at 25°C is approximately 15-25 minutes, because the mixed resins gel quickly in a mass, when thoroughly mixed they should be poured out into a shallow pan.

CURE

1. For 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

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CLEAN UP

Clean any mixing pots with Norski 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

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.

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