

MEGAPOXY 132 HIGH GLOSS

SUPER STRONG, EASY TO USE 2:1 COATING

Megapoxy 132 is a mutli-purpose resin which can be used for the following:

GENERAL COATINGS- Megapoxy 132, a versatile product, may be applied over almost any surface rough or smooth. It may be applied over wood, paper, ceramics, rocks, etc. providing a few simple rules are observed. If in doubt, test a small sample of the item you wish to coat.

MAGAZINE AND NEWSPAPER CLIPPINGS AND PHOTOGRAPHS-

After the clipping has been mounted to the wood surface, seal the entire plaque with a solution of 4 parts white glue and 1part water. This will prevent the clippings from becoming translucent. Wait 3-4 hours before pouring with Megapoxy 132. Two coats of sealer is advised.

DECOUPAGE

First seal surface with all-purpose sealer or PVA mixture prior to coating with Megapoxy 132.

TABLE AND BAR TOPS- Cracks, seams or areas where epoxy could leak through, should be filled. If the area is less than 2-3mm wide, Megapoxy 132 can be used to fill in. If they are any larger, a "casting resin" must be used. Also seal cracks underneath with duct tape, or oil base clay (so epoxy can't flow through).

FILLING IN TIMBER KNOT HOLES AND CRACKS - Megapoxy 132 can be used to fill in voids in timber, we recommend painting the walls/surfaces of the knot holes to be filled, this prevents the timber from breathing and air bubbles becoming trapped in the resin. The resin should be poured in layers of no more than 20mm at a time, as it becomes too hot and will discolour and bubble out.

MEGAPOXY 132- Megapoxy 132 sets in about 6 hours, and is cured to touch in 24 hours. One coat is usually all that is needed to capture a glossy shine. Two or more coats may be applied without damaging the first coat. Megapoxy 132 is recommended for interior use only. It should be noted that Megapoxy 132 may yellow over time from UV exposure if used outside.

TOOLS

1. Mixing containers - Should have smooth, flat bottom and be clean and dust free.
2. Spatula- Must have flat, straight edge to ensure thorough mixing.
3. Brush - Sometimes a small brush is needed for coating edges of crevices.

SURFACE TO BE COVERED

1. For best results, the surface to be covered must be dry and free of dust, wax, grease or oil.
2. The item to be coated should be about 2 inches above the work area so that the extra mixture will drop off the item. It is a good idea to put a newspaper or a drop cloth under the item to catch the drips.
3. Apply tape or paste wax *now* to prepare the back surface of the project for easy drip removal.

SEAL COATS- Porous materials such as paper, cardboard, photographs etc. require a sealing coat to prevent the fluid penetrating the object to be coated. Proprietary sealers can be used or a mixture of 3-4 parts white PVA glue to 1-part water. Wait until the seal coat has dried before applying Megapoxy 132.

DRIPS- The excess mixture will drip over the sides of the item being covered. Use one of the following methods to remove these drips.

1. Before pouring apply tape on the edges of the back of the item. After Megapoxy 132 has cured, the tape along with the drips may be pulled off. The cured drips will pull off with the tape as it is peeled away.
2. Drips may be sanded off after the item has cured, if tape has not been used.
3. Drips may be scraped off about 45 mins. after pouring, by running a tongue depressor on the underside of the edge of the project where drips have formed. Clean depressor off on paper towel often.

WORKING TIME-

Working time- 30 minutes at 25degree C.

Tack free time - 6 hours at 25degree C.

Cure time - 24 hours at 25degree C.

DIRECTIONS FOR USE

1. MIXING- Mix in a clean container using a flat spatula. Be sure to scrape sides and bottom of cups containing resin and hardener during mixing. In order to insure a beautifully finished product, it is extremely important that the resin and hardener are thoroughly mixed. If bubbles appear, do not worry (see step 3). Mix only the amount you are going to use. If mixing in cold conditions you can warm the mixture up by placing your mixing container in some warm water, this will lower the viscosity of the resin and make it easier to mix. Although warming it up will reduce the work time.

2. POURING IMMEDIATELY- As soon as Megapoxy 132 is mixed pour evenly over the surface. You can use a small notched trowel to spread the resin over the surface or a brush. You will have approx. 30 minutes working time before the resin starts to set.

3. BUBBLE BREAKING- After a few minutes, bubbles may rise to the surface. They may be broken by spraying with a mist of Methylated Spirits, or use a Heat Gun to dissipate air bubbles. If there is stubborn bubble, just pop it with a toothpick. If using a heat gun, continually move the gun over the resin, do not leave it in one spot for too long as you may burn/scorch the resin.

4. CURING- For best results, the room temperature should be approximately 25C. Room humidity should be under 60%. The coated item should be allowed to cure for several days in a dust free room. If your item remains sticky after this time, you have measured incorrectly and the item may be re-poured following the above steps. If your item has sticky spots you have undermixed and the item may be re-poured following the

above steps. The new pour will harden. Protect poured item *from* dust by using a box to cover item, or a "protective tent" made by a plastic drop cloth over two chairs.

5. CLEANING UP- Use acetone or Megapoxy Thinners to clean up Megapoxy 132 while it is in the liquid state. After Megapoxy 132 has cured, it may be removed by sanding. It is advisable to clean immediately after use while still in its liquid state.

This brochure is intended to be a guide / outline for some of the many applications/ uses for **Megapoxy 132.**

It is designed to help first time users who are unfamiliar with the tips and tricks of using epoxy resin.

If more information is needed do not hesitate to call Resimax Pty Ltd on 82345033

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