



Doming Resin Application Instructions

EPOXY DOMING RESIN is a 2-pot Epoxy Resin formulated for use virtually anywhere - Pour art, top-coating and layering over timber of any sort or shape, river tables, filling cavities in any substrate with multiple pours, layering and embedding timber in moulds, coating artwork or artefacts of any sort. Doming Resin is liquid glass in every aspect. Amazing results can be achieved by the addition of Pigments, Dyes and Powders (available from Norski). Note adding paint is not advised as you need to add too much and this can overpower the resin and your job may not cure. Doming Resin will adhere to any surface it can grip to; such as timber, metal, concrete, glass, even some plastics. Timber is best sealed with Norski Polyurethane, this will result in you requiring less resin to do your job.

Doming Resin is suitable for both indoor and outdoor use however it will slowly yellow over the years if used outside due to Ultra Violet (sun) rays. This process is gradual and typically takes more than 5 years to become visible to the eye due to timber being amber in colour to start with.

Always do a small test to mimic your job, you will learn a lot about how the product reacts.



DIRECTIONS FOR USE

- **Do a small test before launching into your job.**
- **Consider how you are going to do the edges of your job**
- **Ensure your work is level, this is a slow cure product and if it's not level, all your resin will find it's way onto the floor.**

1. Using a clean dry container add 2 Parts Base to 1 Part Hardener, stir until the materials are thoroughly blended together, a '**Norski Measuring Kit**' contains all the measuring vessels to do this, grab one either from the Norski website or from your retailer. Don't weigh the resins, they weigh differently, you have to measure them.

2. The importance of thoroughly mixing cannot be over emphasised. Air bubbles are a sign that the mixing is occurring however don't stop mixing yet. Mixing should be completed after three minutes of mixing. Don't whisk, just mix. Note: Improper mixing can result in soft or sticky spots when coating has cured.

- Now is the time to add any colouring additives. Stir these in. Pigments offer strong glossy colours, dyes are transparent and Mica Powder (metallic powders) offer stunning results (all available from Norski)

3. Once you have thoroughly mixed the resin mixture, carefully pour over the surface of your job in an even pattern, spread where necessary using a serrated spreader or the resin can be brushed out of the mixing container. Don't use a roller. **Pours can be up to 20mm thick at a time**, pouring any thicker than this and the bubbles may become trapped in the curing resin. Also thicker pours can become exothermic and get so hot that they crack or fracture.

4. If it's a coating you are doing, the top must be level, otherwise the resin will make it's way to the edge and continue over the edge potentially glueing your work to the surface it's on or onto the floor which can result in a big mess.

5'Moulds for river tables are best made from Melteca or plastic if required. The mould will have to be sealed with silicon along every edge as with such a slow curing product, the resin will escape out of the mould through a pinhole.Silicon spray or Norski Mould Release wax will be an investment in being able to get your article out of a mould.



6. After the Doming Resin has been applied to the article, or into the mould any air bubbles created while stirring will rise to the surface taking approx. 5 minutes to appear - these bubbles can be easily broken by gently waving a propane torch over the job. Alternatively, you can blow gently across the surface of the resin or create air movement with a hair dryer used with the heat setting turned off. It is the carbon dioxide in this air movement, not the heat which breaks up the bubbles.

7. Hold the carbon dioxide source approx. 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.

You are going to need to do 2 coats to get an awesome finish. Once cured, the first coat should be sanded with 600 grit Wet and Dry sandpaper. Then remove all the dust and re-coat accordingly.

Fully cured Doming Resin can be sanded if necessary and re-coating will return the glass like appearance.

CURE

1. For best results, use at temperatures between 22°C & 28°C. If it's below 15°C, you need to find a place to do your work that's warmer as you risk the product never curing.

2. Allow the 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 product

4. Allow up to 8 hours for a full cure of the coating however full strength will not be achieved until 48 hours minimum has passed. Warmer temperatures will see this process occur faster however it's best to play it safe and leave your job for the times listed above at minimum, it will only result in a stronger coating in which to sand (if it's the first coat) or a stronger final finish.

5. Placing a clean cardboard box over the item is effective in keeping dust off the surface during the curing cycle if your item is small enough.

**Clean Up**

Clean mixing containers with Epoxy Thinners/Norski Epoxy Clean Up. Protect hands with Barrier Cream, wear gloves at all times on hands. Wash hands with soap and warm water. All recommendations and suggestions are made without guarantee as the conditions and methods of use are beyond our control.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water

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 resin replacement only.

Disposal Mix any resin in a shallow tray and leave to cure allowing disposal accordingly.