

# U RESIN Liquid Glass



U RESIN Liquid Glass is a clear art epoxy resin system specifically designed for Artworks, decorative cheeseboards/ serving boards, MDF coasters or Clear Coating. All U RESIN Pigments can be used in Liquid Glass to tint the resin.

Liquid Glass provides an extended pot life and glass-like finish, making it ideal for creating art. Liquid Glass has minimal bubbles with excellent bubble dispersion and self-levelling properties, allowing for ease of use.

## MEASURING & MIXING:

U RESIN Liquid Glass is a simple 1:1 ratio by volume art resin system. Measuring and mixing must be accurate to achieve the best results. The ratio cannot be changed as this will result in the resin not curing correctly and/or lower the physical properties.

Decant your 1 part of Hardener into your mixing vessel, then add your 1 part of Resin and mix the two components thoroughly for 2-3 minutes. Ensure you scrape down the sides and bottom of the mixing vessel to incorporate with the mix rest of the mix.

Bubbles will occur during this process, however will begin to disperse once poured and aided with heat, later in the process. Do not over heat.

## APPLICATION:

The resin can be tinted with our U RESIN pigments, mousses, metal pastes or metallic powders to make your pour vibrant. U RESIN Liquid Glass can be poured as a thin surface coating of 2-3mm and layered to provide depth or a specific artistic design. Ideal temperature should be 22-25°C with humidity level below 70%.

U RESIN Liquid Glass has a low- medium viscosity with excellent movement and flow when poured on a flat surface. It is an epoxy resin which is formulated to give a hard and clear glossy coating on timber products such as clocks, tabletops and various art projects.

Liquid Glass can withstand up to 80°C once cured and post cured for up to 14 days. Once the resin is mixed and poured onto the surface gently pass warm air from a heat gun or butane torch on lowest setting, this will assist in the removal of any bubbles generated during mixing that have not already dispersed.

(By adding alcohol inks/ acrylic paints/ mica powders/ glitter & resin pigments to epoxy resin will change the physical properties of the resin once cured. \*We do not recommend adding alcohol inks to resin\* IF you use alcohol inks in resin DO NOT use a flame to remove bubbles, as alcohol is flammable.)

## PRODUCT FEATURES:

- Excellent UV Inhibitors
- Excellent Clarity
- Low VOC's
- Clear Part A & B
- Medium Viscosity
- Encourages Cells
- No Solvents

Composition	Epoxy Resin
Mix Ratio (volume)	1 : 1 Resin : Hardener
Mix Ratio (weight)	116 : 100 Resin : Hardener
Pot Life (100g) @ 25°C	60 mins
Cure Time	24 hours (depending on thickness)
Shelf Life	1 year in well-sealed containers
Shore Hardness	70 D
Odour	Low
UV Resistance (colour stable)	Good
Full Cure @ 25°C	30 days
Coverage (m <sup>2</sup> /Litre)	0.5m <sup>2</sup>

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