

RESI ART

CREATIVE RESINS

Resi Ultra Cure

TECHNICAL DATA SHEET

Resi Ultra Cure Resin is a single-component, UV-curable formulation designed for versatile application across a range of creative and functional uses. Its one-part system simplifies integration into workflows, making it particularly suitable for artistic and decorative purposes such as jewellery, crafts, keychains, and knot filling in timberwork. Additionally, its rapid-curing properties support efficient placement and securing of small electronic components and precision tasks.

The resin demonstrates excellent adhesion to a broad spectrum of substrates, including ceramics, paper, glass, metal, stone, and select rigid plastics. It cures to a smooth, bubble-free, and mechanically robust finish with notable resistance to environmental factors, including yellowing and weather degradation.

STORAGE INSTRUCTIONS

Store Resi Ultra Cure in its original, light-blocking (black) container at ambient room temperature (ideally between 15°C and 25°C). Avoid exposure to direct sunlight or heat sources. When stored properly in a sealed container, the resin maintains a shelf life of approximately six months.

APPLICATION GUIDELINES

Apply	Dispense the resin directly onto the prepared surface.
Cure	Use a 36-watt UV lamp, positioned 10–25 cm above the surface. Cure for at least 5 minutes.
Faster Curing	A higher-intensity lamp may be used; however, care should be taken to adjust the distance to prevent premature surface curing, which can lead to warping or distortion.
Layering	For thicker applications, apply in multiple thin layers to avoid surface distortion or shrinkage.

CURING CHARACTERISTICS

Cure Mechanism	UV light (365–405 nm optimal range)
Initial Cure Time	~5 minutes under 36W UV lamp
Final Properties	Clear, strong, weather-resistant, resists yellowing

