



ARC ART RESIN ULTRA CLEAR EPOXY RESIN SET

PRODUCT INFORMATION:

| RESIN | HARDENER | MIX RATIO |
|------------------------|-------------------------|--------------------------|
| ARC ART RESIN A | CLEAR HARDENER B | 100/100 (VOLUME) |

Two component –any solvent ultra transparent casting type epoxy resin system. Suitable for especially art application like canvas paint and sea effect and all decorative application, wood coating, 3D floor covering, electrical LED system coating, gift of jewelry etc. For professional artists.

PROPERTIES:

- Transparent resin
- Easily make sea effect
- Proportion easily
- Very strong
- Self Leveling
- High Gloss
- Excellent UV protection
- Non Yellowing
- %100 Solid, Solvent Free and No VOC
- Extreme Durability
- Not any air bubbles

TECHNICAL DETAILS;

| | | |
|----------------------------|---|-----------------|
| Mixing Ratio | By Volume - Resin/Hardener 1:1 | |
| Coverage | 4 oz covers 1 sq ft | |
| Ideal room temperature | 24-30°C / 75-85°F (room temperature should not fluctuate) | |
| Working Time / Pot Life | 40-60 min at 23-25°C / 72-77°F | |
| Curing Times | Hard Cure: 24 h | Full Cure: 48 h |
| | Curing is accelerated in a warm environment | |
| Heat resistance once cured | Suitable for applications up to 50°C / 122°F | |
| Chemical Resistance | Impervious to water, alcohol and most other chemicals. | |
| Storage | Keep containers tightly sealed and away from heat and cold for long term storage. Use at room temperature or slightly warmer. | |
| Shelf Life | 2 year unopened / 12 months opened (approx.) | |
| Tensile Strength | 8000 psi 55 MPa | |

| | |
|--|---|
| Flexural Strength | 15,000 psi 103 MPa |
| Elongation | 7% |
| Shrinkage | 0% |
| Health and Safety | Wear gloves. Work in a well ventilated area. Refer to SDS available at arcepoxy/usa.com |
| Durometer Shore Hardness D ASTM 2240 - 78 | |
| Conforms to ASTM D-4236 | |
| No VOCs (No fumes) – Non-flammable – Non-hazmat – No BPA | |