



AHD 50 Art ULTRA CLEAR EPOXY RESIN
CRYSTAL CLEAR CASTING RESIN

PRODUCT INFORMATION:

EPOXY RESIN SET

RESIN

HARDENER

MIX RATIO

AHD 50 ART RESIN A

CLEAR HARDENER B

100/100 (VOLUME)

Two component –any solvent ultra transparent casting type epox 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	





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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
Durometer Shore Hardness D ASTM 2240 - 78	
Conforms to ASTM D -4236	
No VOCs (No fumes) – Non-flammable – Non-hazmat – No BPA	

