

EPOMAX 100 ART EXTRA CLEAR HOBBY EPOXY RESIN

Technical Data Sheet

(A+B)

Description

Epomax 100ART is a two component non solvent ultra transparent casting type epoxy resin system. Suitable for especially art application like canvas chart, sea effect and all decorative application such as wood coating, 3D floor covering, electrical led system coating, gift of jewelery 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

 **EPOKSIMAX**
Epoxy Resin for Accessory | Table | 3D Floor

Usage Areas

It especially can be used in making an sea effects. Also it uses at accessory works such as jewelry, necklaces, earrings. It can be used in small object works such as coasters, key rings and ornaments.

Usage

Put component A into an any clean plastic box and add component B according to the mixing ratio. Mix in one direction until it becomes a homogeneous mixture. For coloring process, add COLORMAX pigment to your mixture and mix again until it becomes homogeneous. Make sure that the objects you will use in your work are clean, dry. After the mixing, use the the vacuum machine. Allow the poured mold to dry at room temperature and standard conditions. Check the drying condition and take it out of the mold.

Packing

0,5 KG – 1 KG – 4 KG

Technical Properties

Solid volume: 100%

Application Degree: 15-30°C

Mix Ratio: 100:100 (1:1)

Mixing Ratio	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	3 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.		
Durometer Shore Hardness D ASTM 2240 - 78			
Conforms to ASTM D-4236			
No VOCs (No fumes) BPA	Non-flammable	Non-hazmat	No

Important Notes and Warnings

Do not use component A or component B alone.

Do not add any other substance to the product mixture other than pigment.

Use sensitive scales when mixing. In working conducted with incorrect mixing ratios, there may be problems of drying out of the resin.

Make sure that the floor and environment to be cast are clean. Moisture and dirt on the surface in the short term; may cause the resin not to dry out, turn yellow, and in the long term, deterioration of the ground.

According to the product specifications, more than 1 cm of casting should not be made at a time.

Use safety equipment and do not come into contact with your skin during your use.

You can use with powder, paste, liquid pigment.

Store product packages at room temperature in a closed area.

The information provided was shared for suggestion based on room temperature and standard conditions, and technical data may vary depending on the conditions.



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