



EPOXYTABLE 10 cm Epoxy Resin for table creation

Description

Epoxy Resin – Single casting, up to 10cm for tables and artistic creations.

The product allows fusion with high depths, and is resistant to yellowing and scratches.

This formula has been developed specifically for the RESIN PRO team in order to guarantee customers maximum performance in the creation of wooden and resin tables!

The very low exotherm allows users to fill large depths without overheating or synthesizing. The product is completely transparent and resistant to yellowing.

Designed specifically for the creation of tables in wood and resin, and can also be used to bring to life other works of art.

Characteristics:

- 1) A low exothermic, to drip up to 10 cm thick!
- 2) UV filters, which preserve it for 10 years from yellowing!
- 3) A surface with high mechanical strength, to ensure maximum resistance to scratches!
- 4) A low viscosity to eliminate air bubbles!
- 5) A very long healing time to be able to intervene and repair any cosmetic errors!

THE IDEAL PRODUCT FOR PROFESSIONALS WHO WANT TO CREATE WOODEN AND RESIN PRODUCTS, AND ALL OTHER CREATIONS THAT REQUIRE LARGE, TRANSPARENT, LOW-YELLOWING JETS.

Main features:

Mixing Ratio: 100: 25 (4:1)			
Components	Epoxy Resin	Hardener	MIX
Composition	Liquid	Liquid	Liquid
Gardener	1	1	1
Viscosity	mPas 1900	40	400
Working time (125 g 25°)	24 hours		
Gel Time (125 g 25°)	48 hours		
Demoulding	2-3 gg		
Complete catalysis (25°)	1 day		

Recommendation

Here are some technical suggestions for maximum performance in the use of epoxy resin EPOXYTABLE 10cm:

- Respect Mixing Ratio A + B (100: 25 in peso), following the simple formula:

A part grams x 0,25 = B part grams

Example:

100 gr di A x 0,25 = 25 gr di B

500 gr di A x 0,25= 125 gr di B

- After pouring the components into a clean container, mix well for at least 4 minutes. This procedure will create a homogeneity which seeks to prevent the risk of damage to the surface finish. After shaking, let the product stand for a few minutes in order to let out the air bubbles created during mixing.
- All epoxy resins are sensitive to moisture (including air). So, in order to avoid creating an opaque halo on the surface, it is recommended to use the product at an ambient temperature of about 10 - 15 C.

□ If air bubbles persist on the surface, do not worry! Just use an industrial hair dryer (or a thermal gun) to ensure their elimination.

Although EPOXYTABLE resin has been created specifically for the manufacture of tables or other high-thickness works, the product requires a use that scrupulously respects the indications of use (for any questions, please do not hesitate to contact our technical assistance service).

WARNING: Do not use the product for casting less than 1 cm. For all lower thicknesses, such as 5 mm ones, we recommend our TRANSPARENT EPOXY RESIN or NEW EPOXY RESIN ART PRO (Specification for thicknesses of 1-2 mm)

Before using the product you need to consider the following factors:

1) The more resin you pour, the more it will overheat, increasing the risk of deforming. For this reason, the ambient temperature will need to be carefully monitored before establishing the depth of the thickness on which you will drip:

- 10 cm with temperatures of less than 25 °C
- 7-8 cm with temperatures over 25 °C

2) The product, once hardened, will have excellent mechanical strength and will be able to withstand pressure from the use of lathes and other tools. The scratch resistance will require a further hardening, achievable in a maximum of 7 days.

- We recommend not to use the product in heated areas and areas with limited ventilation in order to prevent an exothermic reaction. This is whereby
- The use of thermal guns is allowed as long as the frequency does not exceed 10 minutes at "passage" and not more than 1-2 seconds for each point. In case the bubbles persist, you can repeat this process.
- Do not heat the resin before pouring in thickness (from 1 to 5 cm) as this would cause an exothermic reaction.

In case of temperatures above 18 °C it will be necessary to monitor the width of the casting which, if more than 10 cm, will require a reduction of 20% of the thickness or mass cast. If the width is more than 20 cm, a reduction of 30% is recommended.

Technical characteristics	
Colour	Transparent
Volume	Shore D 90 EN ISO 868
A part Viscosity	1900 ± 120 mPa · s (20°C)
B part Viscosity	40 ± 10 mPa · s (20°C)
Worked at 22 ° C, 50% U.R.	
Working time (125 g 25 °)	- 24 hours
Gel time (125g 25 °)	- 48 hours
Film (1 mm a 30 °C):	- 8 hours
Catalysis	- 2 days
Complete catalysis	- 7 days
Hardness	Shore D 90 EN ISO 868