CASTING EPOXY RESIN

EPOXYTABLE "FIVE"

DESCRIPTION

EPOXY RESIN – HIGH THICKNESS CASTINGS, UP TO 5 CM FOR TABLES AND OTHER ARTISTIC CREATIONS.

Finally, the final product that allows casting with high thicknesses, not yellowing and scratch resistant!

Developed specifically by the RESIN PRO team to guarantee its customers an ideal product for the creation of wooden and resin tables!

The very low exothermic reaction allows to pour large thicknesses WITHOUT OVERHEATING and DEFORMATION. Perfectly TRANSPARENT and NON-YELLOWING.

Designed specifically for the creation of wooden and resin tables and large castings for works of art

Ideal for wood and resin tables due to its characteristics:

1) low exotherm, for casting up to 5 cm thickness !;

2) equipped with anti UV filters, guaranteed for 10 years without yellowing;

3) High mechanical resistance surface, to ensure maximum scratch resistance !;

4) low viscosity to eliminate air bubbles;

5) long working time to be able to intervene in the creation and correct any aesthetic defect.

THE DEFINITIVE PRODUCT FOR PROFESSIONALS, SPECIFICALLY FORMULATED FOR THE CREATION OF WOOD AND RESIN TABLES and all other applications that require large, transparent and low-yellow castings.

Main features:

Employment 100: 67			
Components	Epoxy Resin	Hardener	MIX
Conditions	Liquid	Liquid	Liquid
Colour Garder	1	1	1
Viscosity mPas	400	150	300
Working time (125 g 25°)			3 h
Gel time (125 g 25°)			10 h
Cured			2-3 days
Demoulding (25C)			1 Day

RECCOMENDATIONS

Please find some technical tips to fully exploit the potential of epoxy product "EPOXY TABLE 5":

 Respect the mixing ratio A + B (100: 67 by weight) with an electric scale, following the simple formula:

grams of A x 0.67 = grams of B

Some examples:

100 g A x 0,67 = 67 g B

500 g A x 0,67= 335 g B

 Once the components have been poured into a clean container, mix well for at least 3-4 minutes. This will prevent the lack of homogeneity that could damage the surface

finish. After pouring, let stand a few minutes so that the air bubbles that form during mixing come out.

 All epoxy resins are sensitive to moisture (including air humidity). Therefore, to avoid opacities on the surface, it is advisable to apply the product at least 20 ° C (max 40% Humidity).

 If there are still air bubbles on the surface, do not worry: use an heat gun to on the surface.

The EPOXY TABLE product is a professional product created specifically for the manufacture of tables or high thickness pouring in generals . However, it requires a method and a scrupulous evaluation of the application conditions (if you have any questions, do not hesitate to contact our technical assistance).

EPOXY TABLE should be used woth a minimum 1cm thickness. If you need lower thicknesses (e.g., 5 mm) we recommend the multi-purpose transparent epoxy resin or the new ART PRO epoxy resin (specification for 1-2 mm thicknesses).

These are the basic factors that need to be considered.

1) The more resin is poured, the greater the overheating of the resin). For this reason, the ambient temperature must be carefully evaluated before deciding:

• 5 cm in case of temperatures below 25 ° C

• 4 cm in case of temperatures above 25 ° C:

2) Due to its special formulation, the product hardens at different speeds depending on the thickness. The higher the thickness, the faster the healing speed:

1-3 cm: solid in 18 h, removable / non-deformable in 72/96 h

4-5 cm: solid in 8 hours, removable / non-deformable in 48/72 h

3) The product, once fully cured, guarantees excellent mechanical and thermal resistance, as well as great workability in lathes and other instruments. The maximum hardness (anti-scratch) may require an additional 2-3 days after demolding, depending on the ambient temperature.

TECHNICAL CHARACTERISTICS

Colour	Transparent
Hardness	Shore D 90 EN ISO 868