



EPOXY RESIN LIQUIDISSIMA

DESCRIPTION

EPOXY RESIN LIQUIDISSIMA

It is a two-component product based on epoxy resin and its amine hardener. Given the specific formulation and the long curing time, Liquidissima resin is suggested for casting of at least 1 cm.

Low viscosity bi-component epoxy system for film application (1 mm) and casting in thickness up to 3 cm. The formula was developed with the aim of reducing as much as possible the number of bubbles in the castings, thanks to 3 key features: high transparency (water effect), self-leveling properties, and low viscosity and a longer working time than epoxy resins.

Excellent resistance to environmental moisture ensures a **transparent glossy surface**.

The main features of this product are:

- High transparency;
- Low Viscosity;
- Good chemical and carbonation resistance;
- Long workability;
- Glossy and self-leveling surface.

The EPOXY RESIN LIQUIDISSIMA is the ideal product for artistic and jewelry creations with particularly elaborate molds and in all applications where it is required the lowest possible number of air bubbles inside their products.

MAIN FEATURES

Mix Ratio: 100: 60			
Components	Epoxy resin	Harder	MIX
Conditions	Liquid	Liquid	Liquid
Color gardner	1	1	1
Viscosity	mPas 225-275	100-150	175-225
Workability (125 g 25°)	45' min		
Gel time (125 g 30°)	3 h		
Catalysis	24h		
Unmoulding (25C)	6h		

RECOMMENDATIONS

Here are some recommendations to make the best use of epoxy resin LIQUIDISSIMA

Respect the ratio of use A + B (100 : 60 by weight). Use an electronic scale following this simple formula

Grams of A x 0.60 = grams of B

Here are some examples:

100 g A x 0.60 = 60 g B

500 g A x 0.60 = 300 g B

Once the two components have been poured into a clean container, stir well for at least 3-4 minutes. This important operation will decrease the possibility of bubbles forming and will ensure homogeneity to the compost. Once this is done, let the resin sit for a few minutes to allow the air bubbles to rise.

All epoxy resins are very sensitive to humidity (including air humidity). To prevent moisture from affecting the surface, it is recommended to keep the room temperature between 15°C and 22°C (the thicker the casting, the lower the temperature should be). Maximum allowed humidity: 40%.

If there should be some air bubbles on the surface, no problem! Just pass a heat gun on the casting of resin.

The Liquid Epoxy Resin is a product created specifically for tables or other artifacts in resin. Given its characteristics, however, requires careful attention methodically, especially with regard to the application. For this reason, our Technical Assistance service is available from Monday to Friday (8-17).

TECHNICAL CHARACTERISTICS	
Color	Trasparent
Hardness	Shore D 80 EN ISO 868