

POLIEPO GC 501 SPECIAL

Transparent epoxy artistic resin for jewelry and objects, resistant to UV rays, crystalline effect.

DESCRIPTION: POLIEPO GC 501 SPECIAL is an epoxy compound without solvents, non-toxic, deliberately studied to create objects and to incorporate inserts.

DESCRIPTION: the basic resins of POLIEPO GC 501 SPECIAL are latest generation chemical bases, studied with the purpose of assuring transparency and excellent resistance to yellowing, as well as easy applicability and good chemical and mechanical resistance.

The medium stickiness formula allows good leveling and reduces the formation of foam and air bubbles.

The chemical reaction between resin and catalyst has been formulated to allow the application in one only hand of thicknesses of 2-3cm (for small items).

USE: creation of design objects, jewels and incorporation of inserts. It is possible to use silicone and plastic molds in order to remove the created object.

APPLICATION: mix accurately part A with part B in weight ratio 100÷50 (ex.1 Kg A+ 0,5 Kg B), using a mixer at medium-low speed or a rectangular sectioned stick in order to mix accurately also the resin at the can's side (possibly pour in another can in order to reach a perfect homogenization).

Pour the mixed resin into silicone or plastic molds that will allow it to detach once hardened (about 24 hours).

It is possible to spray alcohol or Diluente per Laccatura to eliminate air bubbles (or use the heat of a hairdryer).

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TECHNICAL DATA:

Total gardening	100%
Render (1mm thickness)	about 1,2 Kg/sqm
Density (g/lt)	About 1800
Pot-life at 20°C	About 1 hour
Dry at touch at 22°C	about 15 hours
Total hardening at 25°C	about 48 hours
Breakup extension	8,6%
Resistance to compression (N/mm ²)	95
Resistance to bending (MPa)	58
Elastic module (mPa)	2100
Stocking at 20-25°C	About 12 months
Mixing ratio (a+b)	1÷0,5
Kit (a+b)	0,75 kg 1,5 kg 3 kg

N.B.: although the instructions described above are based on the actual study of our knowledge and can be considered as reliable, we cannot take on the responsibility of the achieved results. Contact our technical office for particular cases.

N.B.: follow accurately our instructions for ordinary and extraordinary maintenance.

2/2

The values indicated mean tests averages. What indicated about the method of use and the results obtainable with our product correspond to our experiences, without however constituting our use and responsibility. Therefore, the sale of our product is not covered by guarantee with regard of application and is carried out with the understanding that the user will determine the suitability.

Certificato:



UNI 8298

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