

## POLIEPO GC 505 Extra

For transparent varnishing

**DESCRIPTION:** this product is an epoxy compound without solvents, not toxic, deliberately suitable for a “varnishing” finishing of resin floorings, in civil and residential applications.

**FEATURES:** POLIEPO GC 505 Extra is a resin that assures very good transparency, easy application, good mechanical and usage resistance. The formula, baring low stickiness, provides a good leveling and reduces notably the formation of foam or air bubbles. POLIEPO GC 505 Extra does not contain reactive diluents with a cresilglidileter base; thus, eventual dangers due to contact are reduced to the minimum. The catalyst, with an ammine cicloalifatic base, secures stability to UV rays and also transparency, high mechanical features, excellent chemical resistance.

**USE:** thickness varnishing with a vitrified effect on resin floorings, supplements of objects; protection and emphasis of logos, drawings and images below, suitable also for thickness varnishing of light surfaces; (the yellowness is reduced respect to the other epoxy components).

**APPLICATION:** mix carefully the component A with component B in ratio 100:50 in weight (ex: A=kg.1 + B=kg. 0,5); use a mixing drill at medium speed or a rectangular stick in order to pass well along the walls and the bottom of the can (possibly pour off in another can in order to homogenize perfectly the two components).

Slowly pour on the surface and help leveling with a smooth or toothed spatula in order to smooth the resin: the toothed spatula can be useful to determine the wished thickness; for example to obtain the medium thickness of 1,5 mm., it is advised to use teeth of 5-7 mm., holding the spatula in an inclined way of 30-40° (once applied, the resin with the toothed side of the spatula, pass on the resin with the smooth side in order to secure a perfect leveling). Some applicators prefer the smooth spatula.

**N.B.:** use the resin within 15-20 minutes after mixing the 2 components.

**N.B.:** Do NOT use in case of humidity; apply on dry surfaces and in room with temperature over 18°C. Avoid, if possible, to apply in humid days and be aware that in the evening humidity is higher; prefer morning and afternoon hours. (If used near direct sunlight source, cover the glass doors/windows during the application for a minimum of 2-3 days). In case of presence of halos and light opacity, we recommended the use of Floor Plus Extralight.

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## POLIEPO GC 505 EXTRA

### WAY OF INTERVENTION FOR THICKNESS VARNISHING:

For the thickness varnishing of Dega Art floors it is advisable works in two times, doing a first smooth casting and a second at thickness to have a total consumption of 1,8 – 2,0 Kg./sqm.

1) CLEANING OF THE SURFACE

2) Smoothing POLIEPO GC 505 EXTRA with smooth spatula carefully mixing the resin with a consumption of about 250 – 300 gr./sqm. This casting is not aesthetic and could be not homogeneous, but it is useful to eliminate the absorbent and fix the colours and the decorum. So it permit doing a second aesthetics casting at thickness with better results.

3) thickness varnishing of POLIEPO GC 505 EXTRA with smooth or toothed spatula, with a consumption of about 1,8 Kg./sqm. Apply always the resin against the light (for example of a window or a light) to verify homogeneity and good levelling. If it is necessary is possible to nebulize the surface with a sprinkler of a solvent where there are less bubbles.

### TECHNICAL DATA:

Total drying	100%
Render	About 1,2 Kg
Density (g/lt)	About 1100
Pot-life at 20°C	About 20/25min
Walkability at 20°C	About 24hours
Dry to touch at 20°C	About 16hours
Total hardening	About 7 days
Extension breakup	7,5%
Compression resistance N/mm2	80
Resistance to bending N/mm2	56
Elastic module mmPa	1800
Stocking at 20-25°C	About 12 months
Consumption for thickness	1,8 Kg/sqm

**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 results achieved. Contact our technical office for particular cases.

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

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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.

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