

## POLIEPO BIOLUX

**DESCRIPTION:** Poliepo Biolux is an epoxy resin, without solvents, non toxic, studied to release, once in darkness, the energy captured during the exposition at a source of light. The energy is transformed in a light blue or green light.

Ideal to decorate walls, interiors, and different kinds of objects; it can be applied in the construction field and in the furnishing, as well as in many different sector, e.g. advertising.

Poliepo Biolux, thanks to its phosphorescent feature, allows the surface to create decorative and advertising, leisure and functional surfaces, ideal for dark or and weakly lit ambiances.

**N.B.:** accurately mix component A before mixing it with component B

**APPLICATION:** mix comp. A with comp. B accurately in weight ratio 100:40 (ex. A=1 Kg; B=0,4 Kg); use a mixing drill at medium speed or a rectangular section stick in order to pass well by the can's sides (possibly pour the obtained mixture in another can in order to obtain a perfect homogenization of the two components).

Pour gently on the surface to be treated and allow leveling with a smooth or toothed spatula. The tooth can be useful to define the desired thickness; for ex. to obtain a medium thickness of 1,5mm we suggest to use a 5-6 mm tooth, inclining the spatula of 30°-40° (once the resin is applied with the toothed part of the spatula, re-apply the resin with the smooth part of the spatula, cherishing in order to assure perfect leveling). Some applicators prefer the smooth spatula.

**N.B.:** use the resin within 15-20 min. from the mixture of the two components.

**N.B.:** **don't** use in case of humidity; apply on dry surfaces and in rooms with temperatures of over 18°C.

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

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**TECHNICAL DATA:**

Total tying	100%
Render (1mm thickness)	About 1,2 Kg/sqm
Density (g/lt)	about 1100
Pot-life at 20°C	about 25/30 min
Pedonability at 20°C	about 24 h
Dry to touch at 20°C	about 16 h
Total hardening	about 7 days
Stretch cracking, %	8 %
Resistance to compression N/mm <sup>2</sup>	90
Resistance to flexion N/mm <sup>2</sup>	58
Elastic module mPa	1800
Stocking at 20-25°C	about 12 months

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.