

PLAM POL (A+B)

Bicomponent solvent-based polyurethane resin.

DESCRIPTION

Plam Pol a+b Isoplam[®] is a two-component polyurethane resin (A+B) of finish, transparent and anti-yellowing for indoor and outdoor use that, after application, hardens in contact with air.

Plam Pol protects the treated surfaces by forming a uniform water-repellent film, resistant to diluted chemical solutions of acids and bases, to the action of ultraviolet rays and polluted industrial

CHARACTERISTICS

Plam Pol a+b Isoplam[®] has the following characteristics:

- excellent adhesion to most dry, properly prepared media;
- good resistance to wear and etching;
- good flexibility;
- light stability;
- intensifies the color of the support.

FIELDS OF USE

Plam Pol a+b Isoplam[®] is used on several types of support:

- as a scratch-resistant and water-repellent finish for decorative surfaces in Microoverlay[®];
- for the protection of concrete, plaster, terracotta, limestone and siliceous stones and cement surfaces;
- as a transparent protective treatment of industrial quartz dust floors, to facilitate cleaning and reduce the absorption of liquids.

APPLICATION

Preparation of the support

The surface to be treated must be clean, free of dust, oil and grease stains.

Apply on perfectly dry and ripe floors and walls, prepared by sanding or polishing (for concrete, wait at least 28 days; for Microoverlay[®], wait a few days, depending on the environmental conditions).

Preparation of the product

Pour Comp. B into Comp. A and slowly mix for 3-4 minutes with a low-speed drill mixer (pay attention to incorporate as little air as possible: this will cause the creation of microbubbles during the drafting stages that will compromise the aesthetic and functional outcome of the resin); when applied with a roller, dilute the first coat with 50% of Isoplam[®] Solvent RP (the second with 20% of Solvent RP).

In the case of partial use of the package, the two components must be carefully dosed by weight (and not by volume) in the proportions indicated on the label. The unused mixture must never be placed in closed packages but disposed.

Application

Apply one or two coats using a brush, a short hair roller or an airless spray.
If you use a brush or a roller, take care not to create a discontinuation or product accumulations.
It is advisable to proceed evenly with a medium-sized roller loaded with resin and, with an unloaded roller, immediately repeat in the opposite direction on the still fresh resin. It is recommended not to resinate the edges of the surface first and then resine the center later: this can result in unsightly bands of more accentuated color along the edges.
For the next coat, wait until the previous coat is completely dry (at least 6 hours).
The surface will be passable after at least 24-48 hours.

Notes

Isoplam® Plam Pol cannot be applied on wet surfaces or when rain is expected within the next hours.
Do not use Plam Pol to resinate external floors: consult the Isoplam Technical Office to identify the most suitable protective.
It cannot be applied during cold weather (with temperatures below + 10° C) and with a high degree of atmospheric humidity (>70%).
Overcoating, made after more than 48 hours, requires the sanding/polishing of the substrate with fine sandpaper.

TECHNICAL FEATURES

DESCRIPTION	
Product's physical appearance: Comp. A Comp. B Mixture A+B	Viscous yellow liquid Transparent liquid Transparent liquid
Appearance of the hardened film	Transparent
Dry residues % Comp. A (both glossy and matt) Comp. B	60±2 42±2
Specific weight at 20°C g/ml (MP01 method) Comp. A (matt) Comp. A (glossy) Comp. B	1,04±0,05 1,03±0,05 1,02±0,05
Viscosity C.F.4 a 20°C sec (MP04 method) Comp. A (matt) Comp. A (glossy) Comp. B	70±7 80±8 28±4
Mixing ratio A+B (both glossy and matt)	100+100
With 20°C: Dry to dust Dry to touch Complete drying	30 minutes 50 minutes 90-120 minutes

Waiting time between each coat	90-120 minutes depending on the environmental conditions
Useful application time at 20°C	Approx. 120 minutes depending on the environmental conditions

CONSUMPTION

According to the substrate absorption, it varies from 80 to 150 g / m² per coat.

PACKAGING AND STORAGE

Plam Pol is available in both gloss and matte in packs of 10 kg (A + B).
In original packaging, sealed and stored in a protected place, the products remain unchanged for one year if kept in a closed environment with a temperature between + 10 ° C and + 30 ° C (they fear frost and humidity).
The lot number identifies the production date. Lot number = xxxxxxx / xxxxx, the first 7 digits indicate the progressive production number, the following 5 digits are as follows: first 2 digits year and following 3 digits day of production year.
Consult the product safety data sheet before use.

TOOLS CLEANING AND WARNINGS

Use Isoplam® Solvent RP in order to clean the tools.
Polyurethane resins can cause irritation: avoid any contact with the skin and in particular with the eyes during use. Wear a mask suitable for solvent products, gloves, protective suit, closed glasses or protective visor.
Consult the Safety Data Sheet before use.
Plam Pol A + B is intended for professional use only.



IMPORTANT:

All information in this sheet is based on best practice and laboratory experience. It is the customer's responsibility to check that the product is suitable for the intended use. The manufacturer is not responsible for the results of incorrect applications. It is recommended to always test on small surfaces before application. This sheet replaces and supersedes the previous ones. Data may be changed at any time. It is also recalled that Isoplam products are intended for professional use and that Isoplam provides periodic training to its customers upon request. Anyone who uses these products without being licensed, does so at their own risk.