

Lankfloor PU PC500

100% PU FLOOR TOPCOAT

A 100% polyurethane floor paint specially designed for floor surfaces. This two-component polyurethane-based final coating is perfect for both new and old surfaces, offering a versatile solution for all your flooring needs.



USES

Ideal for surfaces from:

- Concrete
- Stone
- Plant floor
- Epoxy floor
- Forged cement
- Stamped floor
- Mosaic floor

CLEANING OF TOOLS

During the project, keep the tools wet with color, in the vessel or in the wash tub. Drain well the color from the tools back to the box and clean with Niter Thinner or Epoxy Thinner.

CHARACTERISTICS

- High adhesion
- Chemical Strength
- Aesthetic Excellence

SPECIFICATIONS

Base	Polyurethane resin
Appearance	Thin liquid
Hue	Transparent
Viscosity	(A + B) 500 - 750 mPa • s at 23° C
Mixing ratio (A: B)	3 Kg A with 1 Kg B
Density	(A + B) 1.01 ± 0.02 gr / cm ³
Solid weight (A + B)	71%
Ideal application and drying temperature	15 - 25°C
Surface drying	20 min
Coagulation time in container	50min
Deep drying	3days
Re-painting time (*)	3 days
Attribution	7-9m ² / Kg per coat
Dilution	5-10% Nitrogen solvents or polyurethane solvents

NOTE (*): (*) The exact time depends on the temperature and relative humidity prevailing during application and drying.

APPLICATION

Apply to dry, clean surfaces free from dust and loose particles which reduce the adhesion of the product. The success of the application depends on the right preparation of the underlay and proper use of the material.

Required:

- Good, dry cleaning of the surface.
- Priming of the surface (if necessary) with polyurethane primer or epoxy primer.
- Stir the A component to the B component with a low speed mixer for 2-3 minutes. Then let the mixture for 30sec and then repeat the stirring for 1 minute more.
- Caution! We need to stir the entire quantity of A component to component B in the ratio given in each set. If you need to apply a smaller amount of final product then requires weighing the ingredients in the same proportion by weight.
- It should be taken under consideration that finished material (A + B) Component in the drum for more than 50min unused will start to gel and can not be worked subsequently.
- Apply the product in one or two layers. For better workability can be diluted with 5-10% THINNER NITRO or THINNER POLYURETHANE. The next layer is applied after drying the previous one (always after test).
- Important: at temperatures above 35 oC can reduce the adhesion of the product.

LIMITATIONS

- Not to be implemented in temperatures under 5°C or over 35°C
- Not to be implemented in humidity over 80%
- Liquid surfaces must be left to dry well, before the implementation
- The fresh dyed surface has to be protected from cold and humidity for at least 24 hours

STORAGE

One year, in a closed vessel, in storage temperatures between 5°C – 35°C.

VOC CATEGORY

A/j (SB) 'Two-pack reactive performance coatings for specific end use such as floors' of 2004/42/EC. Maximum limit VOC value of category: 500gr/lit. Maximum VOC concentration of ready to use product: 499gr/lit. Product in compliance after 2010 (Phase II).

EXTRA

Provides exceptional adhesion to the floor, ensuring long-lasting durability and performance. Its robust formulation delivers outstanding chemical and mechanical strength, making it an excellent choice for demanding environments. The excellent aesthetic effect of Lankfloor PC500 enhances the appearance of your space while providing a protective layer.