

W37 – PAVINEUCE 820 PU Polyurethane Varnish for Pavements

DESCRIPTION:

Based on hydroxyl acrylic resins and aliphatic isocyanate, with pigments and excellent quality loads. This product has good properties of mechanical and chemical resistance, which provide a wide field of application.

However, it is commonly used in the varnishing of pavements in cement in the interior and the exterior.

FEATURES:

- High resistance to UV rays
- Good resistance to bad weather.
- Good adhesion.
- Good mechanical and chemical resistance.
- Long lasting.

SPECIFICATIONS:

- **Density**.....0.980 ± 0,05
- **Viscosity**.....500 ± 100 cP
- **Colour**.....Colourless.
- **Finishing**.....Glossy
- **Superficial drying**.....± 30 minutes
- **Depth drying**.....24 hours.
- **VOC (volatile organic compound)**...^{a)} EU limit value set for this product cat. (A/J) 500 g/l (2010). This product contains a maximum of 500 g/l VOC.

RECOMMENDED

USE:

This product is used in the varnishing of cement pavements, on which an exceptional finishing, with an excellent mechanical resistance is pretended, together with a great performance on the exterior.

SURFACE

PREPARATION:

Friable and contaminated surfaces, “slurry” because of concrete, old paints, oils, greases and etc... should be mechanically prepared with an abrasive waterjet, or if the contamination is deeper, other means of cleaning may be used. The surface has to be levelled, slightly rough, consolidated, without any friable particles and dry (the floor humidity can't be superior to 4%).

Keep in mind that the concrete needs at least 28 days of cure.

MIXTURE

PREPARATION:

“PAVINEUCE 820 PU” is composed of two components: “VARNISH BASE” and the “HARDENER”, that have to be properly mixed, minutes before the application, in the following proportions:

MIXTURE PROPORTION: (4:1)

VARNISH.....4 Parts in volume.

HARDENER.....1 Part in volume.

As long as these proportions are respected, the product will have a good performance.

After mixed, to properly dilute the mixture, to let it rest \pm 15 minutes and to start the application.

**MIXTURE
LIFETIME:**

After mixed the two components start “jellifying” as times goes by, hardening at the end of \pm 6 hours.

To avoid any product waste, to only prepare the necessary amount of mixture for 2 hours of work, at a time.

APPLICATION:

To homogenize well the product before to apply.

The application is to be realized with a roller or a spray-gun, in 2 to 3 coats properly diluted and spaced out from 6 to 12 hours.

The first coat has to be diluted at 15% and the other coats at 5%.

The pavement can only be stepped upon 24 to 48 hours after the last coat.

DILUTION:

With “POLYURETHANE DILUENT” in the following proportions:

1st coat10 to 15%

Others.....Up to 10%

COVERAGE:

On average and per coat: 8 to 10 m²/liter, depending on the concrete porosity.

CLEAN-UP:

With “POLYURETHANE DILUENT” or “CELLULOSE DILUENT”, right after the application.

WARNING:

- Although it isn't a product with a very active smell, it is convenient that the places have a good air renewal.
- In case of a contact with the skin or with the eyes to wash with plenty of water.

**STORAGE
AND
PACKAGING:**

Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply.

Use it, with preference, up to 2 years after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified.

It is supplied in kits of 1,25lt, 5lt and 25 liters.

Note a) The value of the VOC previously mentioned concerns ready-to-use products, according to the technical specifications that we recommend. We do not take any responsibility for other mixtures made to the product. We draw special attention to all our agents for the responsibility that they take by not respecting what the Directive 2004/42/CE establishes.