

W27 – PAVINEUCE POLYURETHANE Polyurethane Coating for Pavements

DESCRIPTION: Based on hydroxylated acrylic resins and aliphatic isocyanates, with pigments and charges of excellent quality. This product has good properties of chemical and mechanical resistance which offer a wide field of application.

However, it is very used in the coating of concrete pavements in the interior and exterior.

- FEATURES:**
- High resistance to UV rays
 - Good resistance to bad weather
 - Good adhesion
 - Good chemical and mechanical resistance
 - Long lasting

- SPECIFICATIONS:**
- **Density**.....1,220 ± 0,10
 - **Viscosity**.....500 ± 100 cP
 - **Color**.....As in the catalog and others.
 - **Finishing**.....Glossy, Semi-glossy and Matte.
 - **Drying between coats**.....12 to 24 hours
 - **Final cure: Passable (people)**.....1-2 days
 - People and light loads traffic**3-4 days
 - Without restriction**.....7-8 days
 - **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: Its main use is in the painting of concrete pavements, on which a lacquered finish with an excellent mechanical resistance and an exceptional performance in the exterior are pretended.

SURFACE PREPARATION: Concrete surfaces have to be clean, dry (the humidity of the prepared floor can't exceed 4%), hard and free of badly adhered sands.

As a filling and homogenization primer, one coat of Neucefloor Sealer 110 EP should be applied.

**MIXTURE
PREPARATION:**

“PAVINEUCE POLYURETHANE” is constituted by two components: ENAMEL BASE + HARDENER, which have to be closely mixed, minutes before to application, in the indicated proportions:

MIXTURE PROPORTION (4:1):

ENAMEL BASE.....4 Parts in volume
HARDENER.....1 Part in volume

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

After mixed, to properly dilute the mixture, letting it rest for ± 10 minutes and then to start the application.

**MIXTURE
LIFETIME:**

Once the two components are mixed, they start “jellifying” over time, hardening at the end of ± 6 hours.

To avoid product wastes, to prepare once at a time, only the mixture quantity to work for a maximum of 2 hours.

APPLICATION:

To homogenize well the product before to apply.

The application is to be realized with a roller or a spray-gun, in 2 coats properly diluted and spaced out from 12 to 24 hours.

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

The curing period of the material is affected by the room, material and surface temperature.

Low temperatures, chemical reactions will be slower, the working time and the time of adhesion are longer, as well as the cure periods.

The high temperatures accelerate the chemical reactions what reduces deadlines.

Minimum Temperature: 10°C

Maximum Temperature: 30°C

To avoid humidity dew during the product application, drying and cure, the surface temperature should be at least inferior to 3°C above the dew point.

Maximum air room humidity: 75%

DILUTION:

With “POLYURETHANE DILUENT”, in the following proportions:

1st Coat.....10 to 15%.

Others.....up to 10%

- COVERAGE:** On average and per coat 7 to 9 m²/l, depending on the concrete porosity.
- CLEAN-UP:** With "POLYURETHANE DILUENT" or "CELLULOSE DILUENT", right after the application.
- WARNING:** For indoor works, to take measures to have a good air renewal of the room.
We advise to use work clothes, protective gloves and glasses, because the product might provoke skin irritations. Keep out of the reach of children.
For further information, the reading of our product **Safety Data Sheet** is essential.
- 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 1 year 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 packages of 1lt, 4lt and 20 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.