

1943 PAVIPIÙ

2K POLYURETHANE CLEAR_COAT FOR FLOORS



Advantages

- High quality gloss
- Non-yellowing
- Excellent resistance to chemicals and to abrasions

Description and Use

Two-component polyurethane transparent finishing. Combined with aliphatic isocyanate, it produces a non-yellowing film, which has high gloss effect, excellent resistance to chemicals and to abrasions.

It can be used both indoors and outdoors and can be applied as a protective on epoxy painting cycles for exteriors as well as on old paints, well adhering and able to accommodate over-painting with the product.

It is indicated for all spots where frequent cleaning and easy maintenance are required.

It can also be used on a cement-based screed with anti-dust effect, as reported below.

To obtain a satin and non-slip finishing it's possible to add PAVIPIÙ with the texturizing paste according to the indication given in the table below. This solution is only suitable for surfaces pre-colored with epoxy enamels.

The product offers excellent walkability and driveability.

Substrate preparation

BARE CONCRETE:

- Make sure the substrate is perfectly dry, cohesive, free from oil stains, grease, dirt, and any other form of pollutant that may compromise perfect adhesion.
- Apply the enamel EPOX GRES code 1829 or EPOX PAVIMENTI IDRO code 0887, as reported in technical datasheet.
- After minimum 24 hours / maximum 36 hours continue with the application of PAVIPIÙ.

Dust-proof effect on concrete:

- Contact our TECHNICAL SERVICE to check the suitability of the substrate, cleaning and absorption.

OLD PAINTS:

- Make sure they can be over painted with the product.
- Roughen the surface to facilitate adhesion, clean with suitable detergents.

Application

Application method:

- roller
- brush (for small area or corners profiling).

Product preparation:

Add the two products according to the following ratio (excluding the application as a dust protection) and mix until complete homogenization of the mixture.

Product is ready-to-use and must not be thinned.

	By weight	By volume
PRODUCT 1943 PAVIPIÙ	100	1
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE	100	1
FOR NON-SLIP FINISHING 1895 0005 PASTA TESTURIZZANTE S ET	16	-

Recommended thicknesses:

Variables depending on the conditions of the support and the results you want to get (two hands recommended).

Recoating:

After minimum 24 hours, maximum 48 hours.

Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	transparent
Appearance of the dry film	brilliant
Gloss	95-97 gloss (Gardner 60°)
Type of product	two component
Pot-life	90 minutes
Viscosity	100-120 seconds ISO-DIN Cup 4
Practical cover rate *	8-10 m ² /kg per two coats
Air drying	30 minutes, dust-free
	6-8 hours, touch dry
	24 hours, through drying
Allowing foot traffic	after 24-36 hours
Maximum chemical resistance	after 7 days
EU limit value of VOC content (Directive 2004/42/EC)	Category A/j, SB: VOC max 500g/l; product VOC < 500 g/l
Classification according to standard EN 13501-1:2018	Reaction to fire classification: B _f
	Smoke production classification: s1
AFNOR NF T 36-005 classification	Family I - Category 6c
The data are measured at a temperature of 20°C and 65% R.H.	

Determination of slippage resistance in accordance with DIN 51097; EN 16165 annex A		Examples of intended use
Average slippage angle/tilt	13°	Changing rooms, places where people walk barefoot, etc. where classification A is required
Classification	A	
Determination of slippage resistance in accordance with DIN 51130; EN 16165 annex B		Examples of intended use
Average slippage angle/tilt	6°	Entrance areas and stairs with access from the outside, restaurants and canteens, shops, clinics, hospitals, schools, etc. where classification R9 is required
Classification	R9	
Determination of slippage resistance in accordance with Italian ministerial decree 236 of 14/06/1998 (B.C.R.A. method)		Note:
Average dynamic friction coefficient (leather on dry surface)	0.51	Non-slip flooring means a floor whose R coefficient is greater than 0.40.
Average dynamic friction coefficient (rubber on wet surface)	0.7	

Warnings

- Do not use at ambient temperatures below + 5°C and above + 40°C
- The application of such products must be subjected to a careful evaluation of the surface quality by our Technical Assistance Service (relative humidity, substrate absorption and the working typology for which the premises is used).
- Catalysis must be as precise as possible, using scales to divide the packs.
- Do not use the product more than 90 minutes after preparing the mixture, otherwise the mechanical characteristics will be seriously compromised, with possible cracks, detachment and stains.
- For professional use only.
- Always read the safety datasheet before use.
- Dispose of contents / container in accordance with national regulations.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.