

Pavex water

Pigmented epoxy paint on water based (A+B)

2-component colored finish based on epoxy resins and amine, in aqueous dispersion and with high solids content.



Product

- Good wear resistance
- Easy to clean
- Excellent UV resistance
- Indoors and outdoors
- Good resistance to water, alkalis, detergents and hydrocarbons (oil, diesel, gasoline, etc.).

Performances (25°C – 50% H.R.)

- Relative humidity: <70%.
- Specific gravity (25°C): 1,48 +/- 0,05 g/ml
- Viscosity (25°C): 8.500 +/- 1.700 Mp
- VOC (Decree 161/06): <50 g/l
- Adhesion (DIN ISO 4624): >1,5 N/mm².
- Abrasion resistance: Between 175-250 mg (Taber mola CS-17-1000 turns - 1000 gr weight)
- Dry residue by weight: 69
- Dry residue by volume: 54%
- Flash point: Not applicable

- *Decree Law No. 193/2007 "Regulation 852/2004 on the hygiene of foodstuffs" (HACCP).*

**These results are standard tests and may vary depending on the conditions of installation.*

Technical data

• Packaging	Pack (A+B): 20 kg
• Application temperature	10-30°C
• Consumption	0,08 – 0,13 kg/m² (1 layer)
• Color	Transparent (colors)
• Dosage (A+B+C)	Weight and volume: A=80 – B=20
• Pot life (50% HR)	7°C: >6hs 25°C: >3hs 35°C: >2hs
• Dry to touch (50% HR)	7°C: 24-28hs 25°C: 8-10hs 35°C: 3,5-5,5hs
• Pedestrian traffic (50% HR)	>24 hours (25°C)
• Repainting (50% H.R.)	12-36 hours (25°C)
• Tool cleansing	Water
• Maintenance and cleaning	Cleaning with neutral detergents
• Preservation	In original closed container (5-35°C), protected from weather and humidity: 1 year.

Applications

- Pigmentation of concrete.
- Finish for epoxy systems (self-leveling or multilayer).
- Suitable for food environments, easy to clean and disinfect.
- Renewal of resin floor coloration.
- Enamel for wall coatings.

Supports

- The support must have a mechanical resistance to compression >25 N/mm² and traction >1.5 N/mm².

Support preparation

Concrete subfloors: must be solid, dry (set if new construction), level, absorbent, not contaminated with oils, detergents, powders or other substances.

Evaluate the most suitable type of mechanical preparation (abrasion or shot blasting machine).

Eventual cracks and slight anomalies can be repaired with **Pavirapid**.

Slab pavements: they must be treated with abrasive machine or shot blasting until the surface is perfectly opaque.

Resin pavements: the already existing pavements, must be treated with abrasive machine or shot blasting, eliminating the dust residues.

On absorbent surfaces, they should be treated with **Paviplast epoxy** tte. or with a pass of **Pavex water** diluted with 30 % in weight of water.

On substrates with rising damp they should be treated with **Ecopox-cem plus 3C**.

Important

Yellow, orange, or some red colors may require more applications to obtain a good coating effect, in some cases an application of white is recommended. Different batches of the same color may show some differences.

When possible, use material from the same production batch.

Some colors contain organic pigments (reds, blues, greens, dark yellows,...) and have a tendency to fade with wear or mechanical cleaning (either dry or wet). In such a case, it is advisable to protect the color with a transparent top coat.

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For its application, combine the two components in a single container and mix carefully, using suitable tools (a low-revolution mixing drill with propeller is recommended).

Once the mixing is finished, respect the induction time, leaving the product to rest in the container. Add the dilution water and mix the product again, apply with a roller for a consumption of $\pm 0.13 \text{ kg/m}^2$.

As a finish, **Pavex water** can be diluted to 10% by weight of water, apply with a roller smoothing the surface with parallel movements.

To obtain an anti-slip surface, add 3-5% by weight of glass or quartz microspheres, keep the product agitated to avoid sedimentation.

Pavex water can be applied with a trowel, in this case, add to the mixture 50% by weight of quartz 02-04mm or glass beads and apply at a maximum consumption of 0.4 kg/m^2 of product loaded.

Usage way



Mix components **A + B** with a whisk at low revolutions for at least 1 minute, until a perfect homogenization is obtained.



The application can be done with airless, brush, roller.

Times to be taken into account according to temperature:

Temperature	15 °C	25 °C	30 ° C
Induction time (min.)	25'	15'	10'
Time in use (min.)	105'	90'	70'

If the induction time and the time of use are not respected, a deformation of the finish may occur, evidenced by a non-constant brightness.

Associated products

- *Ecopox CEM plus 3C
- *Pavirapid
- *Paviplast epoxy
- *Microspheres
- *Quartz

! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.



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