

PAVILAND® EP BASE

Two-component epoxy primer for low-porous substrates



DESCRIPTION

Two-component epoxy resin primer for application on low-porous concretes as well as a levelling coating for decorative and industrial floors.

TECHNICAL CHARACTERISTICS

Two-component epoxy resin.

ADVANTAGES AND USES

- Primer for PAVILAND EP systems such as PAVILAND EP DECOR, PAVILAND EP MULTICAPA or PAVILAND EP AUTONIVELANTE.
- Easy to apply.
- It consolidates concrete or mortar floors.
- Possibility of high thicknesses with the addition of aggregates.

SUITABLE SUBSTRATES

- Concrete with adequate strength and slight roughness. In the case that the substrate has a humidity content of more than 4%, apply PAVILAND PRIMER EP WET primer.
- Substrates must be resistant enough, stable, sound and clean. Free of dust, release agents, organic products, etc.
- Before applying any product make sure all holes and / or cracks are previously repaired on the substrate by using products from our PAVILAND or MORCEMREST range.
- It is also advisable to carry out a milling or sanding process of the substrate with the main objective of opening the pores and removing any possible adhered materials such as greases, paints, etc.

APPLICATION PROCEDURE

- Homogenize components A and B separately.
- Add the hardener (component B) to the epoxy resin (component A) and stir with a spiral rod until a homogeneous product is obtained.
- Apply with a brush, roller, or airless.
- The selected epoxy coating must be applied before the polymerization of the primer.
- If it is not possible to install the floor in the hours following the application of the primer, a sprinkling with aggregate should be done on it while still fresh to ensure proper adhesion.
- To add thickness, add PAVILAND CUARZO 2 aggregate in a resin/aggregate ratio of 1:1 to achieve a self-levelling product, or in a resin/aggregate ratio of 1:8 to 1:10 to achieve a mortar-type product, and homogenize in the same way for about two minutes.

RECOMMENDATIONS

- Do not apply the product under 10°C due to the potential resin crystallization. Do not apply it above 30°C.
- Do not apply under the risk of frost, rain, heavy wind or direct sun light. Do not add water.
- Use gloves and protective goggles when manipulating the product. In case of direct skin or clothes contact, clean the area with abundant water and soap.
- Keep away from children.
- In case of wet substrates, apply PAVILAND PRIMER EP WET.
- Any equipment and tools will be cleaned with Grupo Puma's solvent immediately after being used. Once the product gets hard, it will only be removed by mechanical means.
- Do not eat or smoke when manipulating the product.

FLOORING

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PACKAGING AND STORAGE

- Empty containers should be removed or thrown according to the current legislation.

Containers of 22 (17+5) Kg. y 16 (12.4 + 3.6) Kg.

Store the product up to 1 year in its closed original package, in cool and dry places, away from direct sun light and under 10-30°C temperature.

TECHNICAL DATA

(Statistic results obtained under standard conditions)

Aspect	A: semi-transparent yellow liquid - B: light yellow liquid	
Approximate density of the mixture	1.40 kg/dm ³	
Ratio of the mixture in weight (A : B)	3,4 : 1	
Life of the mixture	Temperature	Time
	+30°C	30 min.
	+20°C	50 min.
	+10°C	70 min.
Waiting time before Applying a second hand or Applying an epoxy rendering.	Approximately between 12 hours (above 25°C) and 24 hours (below 25°C) and According to humidity level.	
Adherence to concrete	> 3,5 N/mm ² (breaks the concrete)	
Approximate performance	200-300 g/m ² and coat without aggregates	

Minimum waiting time before applying any layer after applying the primer (*)	12 h.
Optimum waiting time before applying any layer after applying the primer (*)	12 h.
Maximum waiting time before applying any layer after applying the primer (*)	24 h.

(*) Approximate timings according to environmental temperature, humidity and absorption of the substrate.

LEGAL DISCLAIMER

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