

## 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

## PAVILAND® EP BASE

### 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 <sup>3</sup>                                                                                |         |
| 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 <sup>2</sup> (breaks the concrete)                                                          |         |
| Approximate performance                                                    | 200-300 g/m <sup>2</sup> 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

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.

In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMAS's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.