



## PAVILAND® PRIMER EP BV

Two-component epoxy primer for wet substrates.

### DESCRIPTION

Two-components primer based on epoxy resins, without solvents, of very low viscosity, suitable as humid substrates primer and vapour barrier.

### ADVANTAGES AND USES

- Adherent for epoxy or polyurethane systems of the PAVILAND family on wet and young substrates.
- Vapour barrier in basements and places where the presence of humidity persists in the concrete.
- It can be injected under pressure or by casting at the junction of cracked materials, even with humidity inside the fissures.
- Primer on wet concrete substrates, mortars and porous substrates in applications subjected to permanent immersion: tanks, fountains, channels, etc.
- Easy to apply.

### SUITABLE SUBSTRATES

- Excellent resistance and light roughness concrete.
- The maximum residual humidity degree of the substrate must be less than 25% and never waterlogged.
- Substrates should be resistant, steady, healthy and clean; free of dust, released agents or any other organic products.
- Prior to the application, the cokes and/or cracks that may be found in the substrate must be properly repaired with the products of our PAVILAND or MORCEMREST range.
- It is advisable to mill or sand the substrate to open the porous and remove any possible adhered materials such as greases, paints, etc

### APPLICATION PROCEDURE

- Homogenise components A and B separately.
- Add the hardener (Component B) to the epoxy resin (component A) and shake the bar until getting a homogeneous product.
- Apply the product with the help of a paint brush, roller or airless.
- The Epoxy coating chosen should be apply before the polymerisation of the primer, being the minimum time for application between 3 and 8 hours (depending on the temperature and humidity of the substrate) and the maximum of 24 hours.
- In case of using it as an adhesive between new and old concrete, the new one should be poured before the open adhesion time\* is over: 3 to 8 hours (depending on the temperature and humidity on the substrate) and a maximum of approximately 24 hours, depending, again, on the temperature and the substrate's absorption.
- If the pavement is not going to be placed during the subsequent hours after the primer application, a sprinkling with aggregate must be carried out on it in a fresh state to ensure the correct adhesion.
- In small thickness crack injection works, 10 – 15% of EP PUMA SOLVENT may be added to reduce viscosity and ensure good wetting.

# FLOORING

## PAVILAND® PRIMER EP BV

### RECOMMENDATIONS

- Do not apply the product under 10°C.
- Do not apply the product above 30°C.
- Do not apply under the risk of frost, rain, heavy wind or direct sun light.
- Use gloves and protective goggles when using the product. Clean with heavy water and soap in case of direct skin contact.
- Keep away from children.
- Tools should be cleaned using Grupo Puma solvent immediately after being used. Once the product gets hard, it will only be removed by mechanical means.
- Do not eat or smoke while using the product.
- Empty containers should follow the corresponding current legislation.

### PACKAGING AND STORAGE

20 (12.5 + 7.5) y 5 (3,1 + 1,9) Kg containers.  
It can be stored up to 2 years in its original closed container, in fresh and dry places at temperatures Between 10°C and 30°C away from direct sun light and indoors.

### TECHNICAL DATA

(Statistic results obtained under standard conditions).

| Aspect                                                      | Amber                                                                    |
|-------------------------------------------------------------|--------------------------------------------------------------------------|
| Approximate density of the mixture                          | 1,15 + 0,5 Kg/dm <sup>3</sup>                                            |
| Approximate viscosity of the mixture (*)                    | 600 – 800 MPa                                                            |
| Weight ratio of the mixture (A: B)                          | 100 : 60                                                                 |
| Life time of the mixture (*)                                | 1 hour                                                                   |
| Time of adherence (*)                                       | 3 hours                                                                  |
| Adherence to concrete                                       | > 25 Kg/cm <sup>2</sup>                                                  |
| Approximate performance                                     | 0,4 – 1,0 Kg/m <sup>2</sup> depending to the roughness on the substrate. |
| Water vapour permeability according to UNE EN ISO 7783:2012 | Class III; Sd>50m water vapour waterproofing.                            |

(\*): The times refer to a temperature of 20°C.

### 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.