

PAVILAND® FIX EP

Low-viscosity epoxy adhesive for horizontal surfaces



DESCRIPTION

Two-part epoxy resin-based product with very low viscosity, suitable for bonding fresh concrete or self-levelling mortars to hardened concrete, and hardened concrete to other materials. Its low viscosity makes it ideal for airless application. Very good penetration into the substrate. Suitable for interiors and exteriors.

TECHNICAL CHARACTERISTICS

Two-component primer based on 100% epoxy resins.

ADVANTAGES AND USES

- Adhesive for NIVELAND and PAVILAND systems.
- Suitable for bonding fresh concrete to hardened concrete.
- Suitable for bonding hardened concrete to hardened concrete.
- Suitable for bonding hardened concrete to other materials: fibre cement, metals, etc.
- Its low viscosity makes it ideal for application through an airless sprayer.
- Extremely good penetration of the base material.
- Suitable for indoor and outdoor use.

SUITABLE SUBSTRATES

- The contact surface may be damp (maximum moisture level of 4%) but should be free of standing water and ice.
- All base materials must be durable, stable, sound and clean, in addition to being free of dust, form release agents (e.g. paint stripper), organic products, etc.
- Milling and/or sanding of the base material is recommended in order to open the pores and de-scale bonded materials, such as grease, paint, etc.

APPLICATION PROCEDURE

- Mix the separate A and B components.
- Empty all of component B into component A and mix both components with an appropriate mixer at low speed until a uniform consistency has been obtained.
- Apply using a brush, roller or airless sprayer.
- The application of the subsequent coat must be carried out immediately on the freshly applied adhesive, bearing in mind that the open time (maximum time for application) is that indicated in the technical data table and depends on the temperature and the characteristics of the substrate.

RECOMMENDATIONS

- Do not apply in temperatures below 8°C.
- Do not apply in temperatures above 30°C.
- Do not apply when there is a risk of frost, rain, strong winds or direct sunlight.
- Wear protective gloves and goggles during application. In the event of direct contact with the skin or clothing, wash with plenty of soap and water.
- Keep out of the reach of children.
- Remember to clean all equipment and tools with Grupo Puma solvent immediately after use. Once the product has hardened, it will only be possible to clean such equipment and tools mechanically.
- Do not eat or smoke during handling.
- All empty containers must be discarded in accordance with current legislation.

PACKAGING AND STORAGE

Containers of 5 kg (3 + 2) and 20 kg (12 + 8).

The product can be stored for up to one year in its original sealed containers, in a dry and well-ventilated area, at temperatures between 10°C and 30°C, and out of direct sunlight and protected from the elements.

TECHNICAL DATA

(Statistical results obtained under standard conditions).

Appearance	A: Grey liquid – B: orange liquid
Approximate density of the mixture	1,28 kg/dm ³
Weight ratio of the mixture (A: B)	3 : 2
Active lifetime of the mixture (*)	60 minutes
Total curing (*)	7 days
Open time	At 10°C: 5 hours
	At 20°C: 2,5 hours
	At 30°C: 1 hour
Adhesion to concrete	>35 kg/cm ² (breaks the concrete)
Approximate yield	250–400 g/m ² per layer

(*): These times refer to a temperature of 23°C, and 55% relative humidity. Times are shorter at higher temperatures, and longer at lower temperatures.

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.