

PAVILAND® PRIMER EPOXY

2 Component epoxy primer

DESCRIPTION

Solvent and water free 2-component epoxy primer. Strengthens substrates with excellent penetration. Acts as a vapour barrier on surfaces with residual moisture.

TECHNICAL CHARACTERISTICS

Two-component primer based on epoxy resins.

ADVANTAGES AND USES

- Primer for cementitious substrates with a maximum residual moisture of 5% CM.
- Extremely good penetration of the base material.
- Good adhesion to various material.
- Easy to apply.
- Reduction of the vapour diffusion rate on sufaces with residual moisture.

SUITABLE SUBSTRATES

- Mastic asphalt screed.
- Concrete C 25 / 30 according to DIN 1045 (non-skid surface)
- Calcium sulphate floors (no moisture barrier)
- Wooden planks, wood fibre board.
- Chipboards V100 (E1), OSB boards.
- Stone, ceramic, terrazzo, tiles unlaminated gypsum fibre boards
- Bonded screed ZE 30 according to DIN 18560, part 3 (non-skid surface).
- Cement floors, concrete floors with residual moisture

APPLICATION PROCEDURE

- Combining the components:Part B (hardener) should be poured into Part A (resin) and mixed thoroughly using a slow-speed electric mixer for 1 minute. Scrape the sides of the container and continue mixing for another 2 minutes until the color is uniform.
  Note: The product reacts with heat, so pot life is shorter at high temperatures. To extend working time, pour out the mixed material immediately.
- Application instruction : Apply the primer immediately after mixing using a medium-pile roller.
  - First coat: Apply at 400 g/m², depending on substrate texture. Allow to cure for 8–10 hours.
  - Second coat: Apply at 250 g/m² after the first coat has dried (minimum 8–10 hours). This coat must be applied within 36 hours at 25°C.
- While the second coat is still wet, broadcast Paviland aggregate at 2–2.5 kg/m² until fully saturated.
- Allow to cure for 8 hours, then remove all loose sand before applying cement-based self-levelling compounds.

Rev. 2025_10 · This revision cancels all previous ones. Please, obtain the latest version from our web site · www.pidilitepuma.com ·

Pidilite Puma

PAVILAND® PRIMER EPOXY

RECOMMENDATIONS

- Application temperature range from 15ºC to 35ºC.
- Prior to processing, the subfloor must be checked according to the standard DIN 18356, DIN 18365, DIN 18367 or corresponding national standards. The subfloor shall be resistant to pressure and tension, free of cracks, must have sufficient surface strength, be permanently dry, level, clean and free of anti- adherents, sinter layers etc.
- Calciumsulfate floors and magnesite floors must be permanently dry,
- The maximum admissible residual moisture for cement floorsis 5 CM %

PACKAGING AND STORAGE

7.15 kg: Part A (Plastic Bucket)
2.85 kg: Part B (Plastic Jerry Can)
The product can be stored for up to one year in its original sealed containers, in a dry and well-ventilated area, and out of direct sunlight.

TECHNICAL DATA

(Statistical results obtained under standard conditions).

Colour	Colourless
Pot life	30 min at 30ºC
	45 min at 25ºC
Drying time(*)	8 hours
Mixing ratio	7.15 kg: Part A
	2.85 kg: Part B
Approximate yield	1st Coat: 400g/m^2 when applied with roller
	2nd Coat: 250g/m^2 when applied with roller

(*): 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 information and instructions in this datasheet are based on our current tests and technical knowledge. They are intended as general guidance and do not constitute a binding commitment by PIDILITEPUMA MEA CHEMICALS LLC. It is the sole responsibility of the user to verify, prior to use, that the product is suitable for the intended application and to ensure that it is applied correctly and in accordance with applicable regulations and good industry practice.

PIDILITEPUMA MEA CHEMICALS LLC cannot control how its products are applied on site throughout the entire project and therefore cannot accept responsibility for their application by contractors or other parties involved in the execution of the work. Support visits to the jobsite by our technical staff do not change that. Our responsibility is limited exclusively to defects that can be directly attributed to the supplied products, whether used individually or as part of a system, caused by manufacturing defects.

It is the responsibility of the project designer, site manager, contractor, or other relevant professionals to ensure that the selected products are appropriate for the specific project, taking into account their properties, the substrate, site conditions, and any existing issues.

In the event of a claim, the original packaging must be provided to ensure proper product traceability.

Any performance values stated for PIDILITEPUMA MEA CHEMICALS LLC products or construction solutions, whether in UNE standards or other applicable standards, are based solely on the specific test conditions defined in those standards (such as substrate type, temperature, and humidity). These values may not apply to situations where products are tested or used under different conditions.

Rev. 2025_10 · This revision cancels all previous ones. Please, obtain the latest version from our web site · www.pidilitepuma.com ·

Pidilite Puma