

PAVILAND® EP DECOR

Epoxy resin, base and sealing layer of decorative pavements.



DESCRIPTION

Transparent epoxy resin of low viscosity, 100% solids, which mixed with arid from PAVILAND CUARZO or PAVILAND CUARZO COLOR range, is used for the fulfilment of decorative pavements or industrial pavements

TECHNICAL CHARACTERISTICS

Bi-component epoxy resin.

ADVANTAGES AND USES

- High mechanic and chemical resistance.
- Low yellowing.
- Excellent adherence.
- Decorative transparent resin.
- Multi-purpose: primer, main layer and sealing.
- Mixed with PAVILAND CUARZO, it is possible to obtain a great variety of decorative pavements.
- Shopping centres
- Hotels
- Museums and libraries.
- Universities, schools and high-schools.
- Restaurants and event saloons
- Buildings and offices.
- Car parks.
- Marine and airport terminals.

SUITABLE SUBSTRATES

- Concrete of adequate resistance (minimum compression of 25N/mm and traction of 1,5N/mm² resistance) open porous and slight roughness. For other substrates please consult our technical department.
- Substrates should be resistant, stable, sound and clean, free from dust, or any other kind of products.
- Before any application, all imperfections and cracks should be previously repaired using the adequate product from our PAVILAND or MORCEM REST range.
- It is advisable to sand the substrate with the aim of opening the porous and descale the adhered materials such as greases, paint, etc.
- The substrate should be completely dry.

APPLICATION PROCEDURE

- Homogenise component A.
- Pour component B over component A and mix it with a suitable mixer, at low speed, until getting a homogeneous product.
- Spread a first layer with a roll or using a metallic trowel in case of having mixed a mortar with a resin/arid relation of 1:05 or 1:1.5 with PAVILAND CUARZO 0,3. The mixture of the arid with the resin is done by slowly adding first the arid to the hardening product while it is being homogenise with an electric mixer at a low speed in order to avoid the introduction of air in the mortar.
- Spread the main layer of PAVILAND EP DECOR with a metallic notched or plane trowel according to the

RECOMMENDATIONS

desired finish. The proportion and granulometry of PAVILAND CUARZO or PAVILAND CUARZO COLOR of the mixture will vary according to the application system (Multi-layer, dry or self-levelling mortar) and the desired thickness (it is advisable to consult our technical department in case of doubt).

- After 24 hours it is possible to apply a sealing layer with the very same product using a roll or a rubber tool. This makes it easier to clean and it also provides an excellent aesthetic aspect.

- Do not apply under 10°C or above 30°C
- Do not apply under risk of frost, heavy winds or direct sun light.
- Use protective goggles and gloves. In case of direct skin or clothes contact use abundant water and soap in order to remove it and avoid damages.
- Keep out of reach of children
- Do not add extra water to the mixture.
- The substrate should be completely dry.
- Trowels and tools should be clean with solvents immediately after being used. Once the product hardens, it is possible only possible to clean it by mechanic means.
- Do not eat or smoke during its manipulation.
- All empty containers must be removed in accordance with the current legislation.

PACKAGING AND STORAGE

10 Kg (6,74 + 3,26) and 20Kg (13,48 + 6,52) containers.

Up to 1 year storage in its original closed packaging, in fresh and dry places at 10 to 30°C temperatures and always away from direct sun light or outdoor areas.

TECHNICAL DATA

(Statistic results obtained in standard conditions)

Aspect	A: Transparent liquid- B: transparent liquid.
Approximate mixture density	1,1 kg/dm ³
Relation of the mixture in weight (A: B)	67.4: 32.6
Life time of the mixture (*)	20 minutes
Resin/Arid relation	According to thickness and application mode
Waiting time between layers (*)	24 hours
Touch dry time (*)	3 hours
Time before light traffic use (*)	3 days
Total curing (*)	7 days
Concrete adherence	1.5N/mm ² (breaks the concrete)
Taber abrasion resistance 8 days (CS10/1000g/1000cycles)	53 mg
D shore hardening	77
Approximate yield (Kg/m ²)	Primer: 0.4 (roll) /1.6 (metallic trowel with resin/arid relation: 1:1.4)
	Multi-layer: 1.6 (Resin/Arid: 1:1.4)
	Self-levelling: 1.7 (Resin/Arid: 1:1.4) per thickness mm
	Mortar: 2.0 (Resin/Arid: 1:10) per thickness mm
	Stamping 0,4 – 0,6

(*): Times refer to a relative humidity temperature of 23°C and 55%. Time will be 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.

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