

PAVILAND® ARQ BASE

Mortar base from the smooth finish systems



(SPAIN GREEN BUILDING COUNCIL)

DESCRIPTION

PAVILAND ARQ BASE is a high quality polymeric mortar for preparing and smoothing surfaces before installing microcement decorative smooth finishes. The maximum thickness for application is 4mm. Base coat from the Paviland Arq Base systems from Grupo Puma.

COMPOSITION

Two-component product based on hydraulic binders, aggregates, synthetic resins and colourants.

FEATURES AND APPLICATIONS

- Interior and exterior facings and floors.
- Easy to apply.
- Levelling porous substrates: mortar, brick, etc. It is advisable to apply Paviland Arq Primer R for covering pores.
- Levelling non-porous substrates and ceramic after applying Paviland Arq Primer.
- This product comes pre-dosed making it easy to prepare.
- Swimming pool and water park surrounds.
- Commercial premises, houses, lobbies, etc.
- Low shrinkage.

INSTRUCTIONS FOR USE

Preparation of the substrate:

- Before applying the product, repair any cracks and/or fissures on the existing covering, opening them with a diamond disk and then vacuum up the dust. After this operation has been completed, seal with mortars from our range, according to the nature of the substrate. Use PAVILAND ARQ BASE for sealing and levelling porous substrates, we recommend a prior application of PAVILAND ARQ PRIMER R for sealing the substrate.
- Prepare cement substrates using sanding tools or similar equipment in order to achieve a flat surface and appropriate absorbency.
- Floors and ceramic facings must be corrected bonded to the substrate. Once this has been tested, apply PAVILAND ARQ PRIMER to the surface before applying PAVILAND ARQ BASE.
- The substrate must be clean and free for grease, oil, remains of paint and loose or badly bonded parts, and if necessary clean the flooring mechanically until the surface is free from defects and stains.

Mixing and applying:

- PAVILAND ARQ BASE is a two-component product, one of them being powder and the other liquid, which is why it needs to be mixed for two minutes in a homogeneous manner to achieve a uniform mixture, without lumps and with an appropriate consistency. Once mixed, the lifetime of the paste is approximately 30 minutes at a temperature of 20°C.
- Homogenise component A (liquid) first then pour it into a clean recipient, then gradually add component B, mixing mechanically with a low speed mixer until an appropriate, workable consistency has been achieved without lumps.
- On cement-based substrates dampen the substrate and wait for the film of water to disappear.

CAUTIONS AND RECOMMENDATIONS

- Apply PAVILAND ARQ BASE spreading it uniformly according to the thickness required (no thicker than 4 mm) with a trowel or spatula.
- Do not apply in temperature under 5°C nor above 30°C.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Protect from adverse weather such as possible condensation or high humidity during the first 24 hours.
- The hardening and curing time is approximately 24 hours in normal weather conditions on general substrates, although this can vary accordingly.
- Do not add water to the product during the mixing or application and spreading processes.
- Use gloves while handling the product.
- For thicknesses greater than 4 mm, apply in several coats and wait at least 24 hours between coats.

PACKAGING

Pre-dosed batches of 30 kg. (Comp. A: 5 L/ Comp. B: 25 kg).
Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

STANDARDS

Levelling of surface, before applying decorative smooth finish, with PAVILAND ARQ BASE two-component polymeric mortar based on hydraulic binders, aggregates, synthetic resins and additives, for maximum thicknesses of 4 mm.

TECHNICAL DATA

(Statistical data obtained under standard conditions)

Appearance	Comp. A: Milky liquid Comp. B: Grey or white powder
Open time of mixture	30 mins at 23°C and 55% humidity
Compressive strength	30 N/mm ²
Adhesion	>1.5 N/mm ²
Approximate performance	2 kg/m ² and thickness mm
Application temperature	+ 5°C mins / + 30°C max.

NOTE

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.