



PAVILAND® PRIMER R

High performance bonding primer for the Self-levelling Cement Systems



DESCRIPTION

Bonding primer for Self-levelling Cement Systems by Grupo Puma, for interior and exterior use. Its high penetration performance on the substrate helps it to act as a substrate sealant and bonding primer.

TECHNICAL CHARACTERISTICS

Water-based product formulated with styrene-acrylic copolymers.

ADVANTAGES AND USES

- Bonding promoter from the Self-levelling Cement Systems by Grupo Puma.
- Suitable for interior and exterior use.
- For bonding to all types of mineral substrates for the posterior application of any cement-based mortar.
- Substrate sealant: stabilises absorbency, avoids or lowers the appearance of air bubbles in the self-levelling facing.
- Paviland Primer R increases the substrate's cohesion.
- Increases durability.
- Avoids alkaline pH in substrate.

SUITABLE SUBSTRATES

Suitable for cement-based substrates: concrete, cement mortars, etc. Also suitable for anhydrite substrates. The substrate must be dry or lightly dampened, never drenched. The base of the application area must be free from all types of contaminants, such as oil, grease, coverings, surface treatments, etc.

APPLICATION PROCEDURE

- PAVILAND PRIMER R is diluted on site, according to the substrate's porosity, in the following proportions (PAVILAND PRIMER R: water): 1:4 on slightly porous substrates (one coat), 1:3 on medium porous substrates (1 or 2 coats) and 1:2 on porous substrates (2 coats).
- Apply PAVILAND PRIMER R with a brush or roller, or even by spraying with an airless system. Spread the material in a way that avoids waterlogged areas. Tests should be carried out if you are intending to apply product with a spraying system in order to guarantee applicability.
- Before applying Self-levelling Cement Systems by Grupo Puma, it is advisable to dilute the product according to the substrate's porosity, leaving the applied coat to dry for at least 1 hour or even longer in lower temperatures or in conditions of high humidity.
- Once the last coat of PAVILAND PRIMER R has dried the Self Levelling Cement Systems by Grupo Puma should be applied with in the following 24 hours.

FLOORING

PAVILAND® PRIMER R

RECOMMENDATIONS

- Substrates must be clean, free from dust, grease, oils, liquids, demoulding agents, etc.
- Do not apply in rain or frost or on substrates with high levels of humidity.
- Clean tools with water immediately after use.
- Do not apply in temperatures below 5°C or above 30°C
- Use rubber gloves and protective goggles.
- Keep out of the reach of children.
- Empty packages must be discarded in accordance with the latest regulations in force.

CONSUMPTION ACCORDING TO DIMENSIONS (KG/M²)

(Statistical data obtained under standard conditions)

BEFORE DILUTION:

Substrate	Product consumption g/m²		
	Dilution	1 coat	2 coats
Low porosity	1/4	16-24	--
Medium porosity	1/3	25-33	50-66
High porosity	1/2	--	76-92

SOLUTION (PRIMER R + WATER):

Substrate	Product consumption g/m²		
	Dilution	1 coat	2 coats
Low porosity	1/4	16-24	--
Medium porosity	1/3	25-33	50-66
High porosity	1/2	--	76-92

PACKAGING AND STORAGE

25, 5 and 1 kg plastic containers.

Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

TECHNICAL DATA

(Statistical data obtained under standard conditions)

Appearance	White liquid
Content of solids	50% ± 2%
Density	1.05 ± 0.05 kg/L
Chemical base	styrene-acrylic copolymers
Diluent	Water
Performance	See table

Minimum waiting time before the next layer after applying the primer (*)	1h
Optimal waiting time before the next layer after applying the primer (*)	2h
Maximum waiting time before the next layer after applying the primer (*)	24h

(*) Approximate times depending on the temperature, environmental humidity and absorption of the support.

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Cement based mortar prepared with aggregates that are supplied close to the production center, which reduces the greenhouse gas emissions that would otherwise arise from their transport. Manufactured in production centers with an Environmental management certified system following ISO 14001 regulation, offering a firm promise of sustainability and respect for the environment.

Cement based mortar with type III ecological label (the most strict) Environmental Product Declaration verified externally by AENOR.

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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.