



PEGOLAND® FLEX

Deformable, cement-based adhesive with mixed binders



DESCRIPTION

Tile adhesive made of mixed bonding agents. High flexibility and adherence. For indoor and outdoor floor and wall tiling jobs.

Specially recommended for tiling façades, large areas and floors with underfloor heating systems. Suitable for bonding all types of ceramic tiles.

COMPOSITION

Product based on high resistance cement, selected aggregates, additives and synthetic resins which give excellent bonding, good workability and resistance to ageing.

FEATURES AND APPLICATIONS

- To be applied indoors and outdoors. Façades.
- Suitable for all types of ceramic tiles, marble, granite and natural stone. Highly recommended for large format tiles.
- No need to wet tiles or substrates thanks to its high water-retaining capacity.
- Laying of tiles over cementitious waterproofing from the Morcem Dry range.
- Non slip. Excellent initial adherence.
- Long open time. Allows rectification.
- Flexible.
- To tile large areas with intense traffic and floors with underfloor heating, cooling chambers and overlapping.
- Swimming pool tiling.

SUBSTRATES

- Conventional cement-based substrates.
- Suitable for adhesion on all types of plasterboard drywalls.
- Ceramic pavements for interior and exterior.
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- All substrates must have the appropriate flatness. Otherwise, smooth down up to 5 mm with the same product 48 hours prior to bonding. In case of greater thickness should be used:
 - On floors: Depending on the particular need use 10R NIVELAND 10 R or PAVILAND RECRECIDO AUTONIVELANTE.
 - On walls: mortars with adequate tensile strength with drying shrinkage already completed.
- In case of hot or windy weather conditions or when applying over absorbent substrates, it is advisable to wet the substrate and wait till the thin layer of water disappears.
- Do not apply on clay or on paint.

INSTRUCTIONS FOR USE

- Add water and mix by hand or mechanically until it takes on an even and workable consistency.
- Let the mixture stand for 5 minutes and remix.

ADHESIVES

PEGOLAND® FLEX

NOTCHED-TROWEL PANEL

- Spread the mixed product on the substrate with a trowel to a maximum surface area of 2m².
- Spread with a notched trowel to adjust thickness (see chart).
- Lay the tiles, press and make small rotation movements to ensure that the glue gets in total contact with both surfaces.
- Observe construction joints (expansion, contraction, fraction, perimeter corner joints) and the joints between the cement slabs (minimum 2mm).
- Joints should be grouted 24 hours after if on vertical surfaces, and 48 hours after if on floorings. Use the appropriate mortar from the MORCEMCOLOR range depending on the type of joint.

NOTE: For better results lay tiles as soon as possible after spreading.

TILE FORMAT	NOTCHED TROWEL	BONDING
< 100 cm ²	U4 (4 x 4 x 4)	Simple
< 450 cm ²	U6 (6 x 6 x 6)	Simple
< 900 cm ²	U6 (6 x 6 x 6) U9 (9 x 9 x 9) ó n10	Double-Simple
> 900 cm ²	U9 (9 x 9 x 9) ó n10	Double

Maximum weight on vertical surfaces: 40 kg/m²

CAUTIONS AND RECOMMENDATIONS

- Do not apply below 5°C nor above 30°C.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Under extreme weather conditions (gusty winds or high temperatures) drying may occur faster.
- Tiled areas of walls and floors above 50 m² indoor and 30 m² outdoor or elongated more than 15 linear m it is recommended to divide them with joints filled with a deformable grout among PUMALASTIC range.
- In case of Indoor floor tiled areas larger than 15 m² it is recommended to leave a free perimeter joint between the tiles and the wall or pillar of about 5 mm hidden by the plinth. These joints must be filled with a deformable grout among PUMALASTIC range.
- On floors with underfloor heating; this should be switched off at least 48 hours prior to use and should be switched back on again gradually after at least 7 days of installing the flooring and pointing operation.
- Check that the gypsum board is firmly fixed before applying on it.
- For slate and substrates that are sensitive to humidity use PEGOLAND FLEX RECORD.
- For gypsum based substrates, use PEGOLAND - GYPSUM, avoiding slaked or poor plaster.
- On façades and exterior facings, the material must be secured with mechanical systems when any of the following conditions are not complied with: inferior format of 2400 cm², neither side larger than 60 cm, weight less than 40 kg/m² or height less than 3 metres.
- For use in cooling chambers; these should remain switched off until the correct adhesive curing has been obtained, at least 7 days depending on ambient conditions.
- The watertightness of the swimmingpool must be guaranteed by the underlying concrete structure.
- In case of tiles reinforced with fiberglass mesh on their back, ask the technical department.
- Do not use the technique known as by globs.
- Working and setting times of the adhesive depend on the temperature, air streams, and the absorption of tiles and substrates.

PACKAGING

25 kg plastic-lined paper bags

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

TECHNICAL DATA

(Statistical data obtained under standard conditions)

Aspect	WHITE or GREY powder
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ADHESIVES

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Apparent density of powder	1,5 ± 0,2 g/cm³
Density of mixed product	1,7 ± 0,2 g/cm³
Adjustment time Approx.	30 min. (depending on weather conditions)
Paste shelf life Approx.	2 hours (depending on weather conditions)
Initial tensile adhesion strenght	> 1,0 N/mm²
Tensile adhesion strenght after water immersion	> 1,0 N/mm²
Tensile adhesion strenght after heat ageing	> 1,0 N/mm²
Tensile adhesion strenght after freeze-thaw cycles	> 1,0 N/mm²
UNE-EN 12004 Classification	C2 TE
UNE-EN 12002 Classification	S1
Approximate yield	4 Kg/m²

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.