



## PEGOLAND<sup>®</sup> DOS PORCELÁNICO

Cement-based adhesive with mixed binders



### DESCRIPTION

Tile adhesive made of mixed bonding agents, for setting indoor and outdoor ceramic flooring, indoor walls, and baseboards.

Suitable for bonding all types of ceramic tiles, porcelain stoneware, marble and granite.

### COMPOSITION

Highly resistant cement based product, select aggregate, additives and synthetic resins that guarantee a high grip strength, good workability and resistant to aging.

### FEATURES AND APPLICATIONS

- To be applied on interior walls and floors or on exterior floors.
- Suitable for all types of ceramic tiles.
- No need to wet tiles or substrates thanks to its high water-retaining capacity.
- Long open time. Allows rectification.
- Excellent initial adherence.
- Superb adherence and correct setting with low-porosity materials such as porcelain stoneware.

### SUBSTRATES

- Conventional cement-based substrates.
- Indoor ceramic cladding and flooring.
- Interior and exterior ceramic flooring.
- 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, paint or on elements prone to disintegrate.



### 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.
- Spread the mixed product on the substrate with a trowel to a maximum surface area of 2m<sup>2</sup>.
- 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.
- Respect the construction joints (expansion, shrinkage, fraction, perimeter corner joints) and between tiles (minimum of 2 mm inside and 5 mm outside).
- 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.

### NOTCHED-TROWEL PANEL

Maximum weight on vertical surfaces: 40 kg/m<sup>2</sup>

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

### 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 m<sup>2</sup> indoor and 30 m<sup>2</sup> 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 m<sup>2</sup> 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.
- For gypsum based substrates, use PEGOLAND ESPECIAL YESO o PEGOLAND PORCELANICO YESO, avoiding slaked or poor plaster.
- The swimming pool can be refilled after 7 days of applying the adhesive.
- 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.
- Check that the gypsum board is firmly fixed before applying on it.
- 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.
- On ceramic pavements (overlays), remove the badly adhered pieces and fill the gaps with mortar the day before the application of the new tiling. Ensure that the old ceramic is free of traces of fats or waxes, if necessary proceed to the milling of the enameled surface until the loss of brightness of the old ceramic. In case of doubt, make a preliminary test to establish the suitability of the solution provided
- When working with tiles that can be stained due to their high water absorption should be placed with PEGOLAND FAST FLEX C2FTE S1.

### 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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### ENVIRONMENTAL PRODUCT DECLARATION (EPD)

#### NOTE

Adjustment time	Approx. 30 min. (depending on weather conditions)
Paste shelf life	Approx. 2 hours (depending on weather conditions)
Initial tensile adhesion strenght	> 1 N/mm <sup>2</sup>
Tensile adhesion strenght after water inmersion	> 1 N/mm <sup>2</sup>
Tensile adhesion strenght after heat ageing	> 1 N/mm <sup>2</sup>
Tensile adhesion strenght after freeze-thaw cycles	> 1 N/mm <sup>2</sup>
UNE-EN 12004 Classification	C2
Approximate yield	4 Kg/m <sup>2</sup>

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.

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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