

## PEGOLAND®

Conventional cement-based adhesive



### DESCRIPTION

Tile adhesive special for its fineness, plasticity and thixotropy for indoor floor tiling and cladding jobs. Suitable for bonding ceramic tiles with a medium-high adsorption rate.

### COMPOSITION

Product based on high resistance cement, selected aggregates and additives which contribute to good workability and excellent bonding. This sag-free adhesive has excellent initial adhesion. Its thinness and high plasticity. Ideal for cement-based substrates.

### FEATURES AND APPLICATIONS

- To be applied indoors.
- Suitable for ceramic tiles with a medium-high absorption rate.
- No need to wet tiles or substrates thanks to its high water-retaining capacity.
- Non slip. Excellent initial adherence.
- Long open time. Allows rectification.
- Great fineness and plasticity.

### SUBSTRATES

- Conventional cement-based substrates.
- 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.
- 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).
- Place the pieces on the fresh adhesive, pressing and moving until the grooves are completely crushed and the entire surface of the ceramic is properly adhered, periodically check the stickiness of the adhesive by lifting a previously laid tile, if a non-transfer film appears on the surface of the adhesive, or dehydration of the adhesive, proceed to remove the material and apply a new product.
- Laying the tiles by a double glueing method outdoors, for formats greater than 900cm<sup>2</sup>, on floors of commercial or industrial use, if there is underfloor heating, when laying ceramic sheets, if using levelling systems or if the tiles have a relief such as that good contact with the adhesive is difficult.
- Observe construction joints (expansion, contraction, fraction, perimeter corner joints) and the joints between the cement slabs (minimum of 2 mm inside).
- 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.

Maximum weight of tiles in vertical faces: 20 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

### NOTCHED-TROWEL PANEL

### 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.
- Do not apply in areas where water may accumulate.
- Under extreme weather conditions (gusty winds or high temperatures) drying may occur faster.
- On floor areas larger than 30 m<sup>2</sup>, leave partition joints to be filled with a flexible material among PUMALASTIC range.
- In case of Indoor floor tiled areas larger 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 PORCELÁNICO YESO, or PEGOLAND PROFESIONAL line, voiding slaked or poor plaster.
- 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
Adjustment time	Approx. 20 min. (depending on weather conditions)
Paste shelf life	Approx. 2 hours (depending on weather conditions)
Initial tensile adhesion strenght	≥ 0.5 N/mm <sup>2</sup>
Tensile adhesion strenght after water inmenrsion	≥ 0.5 N/mm <sup>2</sup>
Tensile adhesion strenght after heat ageing	NPD
Tensile adhesion strenght after freeze-thaw cycles	NPD
Approximate yield	Simple gluing: 4kg/m <sup>2</sup>
	Double gluing: 6kg/m <sup>2</sup>

## 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.

## 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.