



PEGOLAND® ESPECIAL PEGOLAND® SPECIAL

High-performance cement-based adhesive



DESCRIPTION

High performance tile adhesive. Special for its thixotropy and long open time for setting indoor and outdoor ceramic flooring, indoor walls, and baseboards.

Specially recommended for tiling swimming-pools with vitreous mosaic tiles and tiling work on plasterboard (carton-gypsum sandwich panels)

Suitable for bonding ceramic tiles with a medium-high absorption rate, marble, mosaic tiles and glass paste.

TECHNICAL CHARACTERISTICS

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

ADVANTAGES AND USES

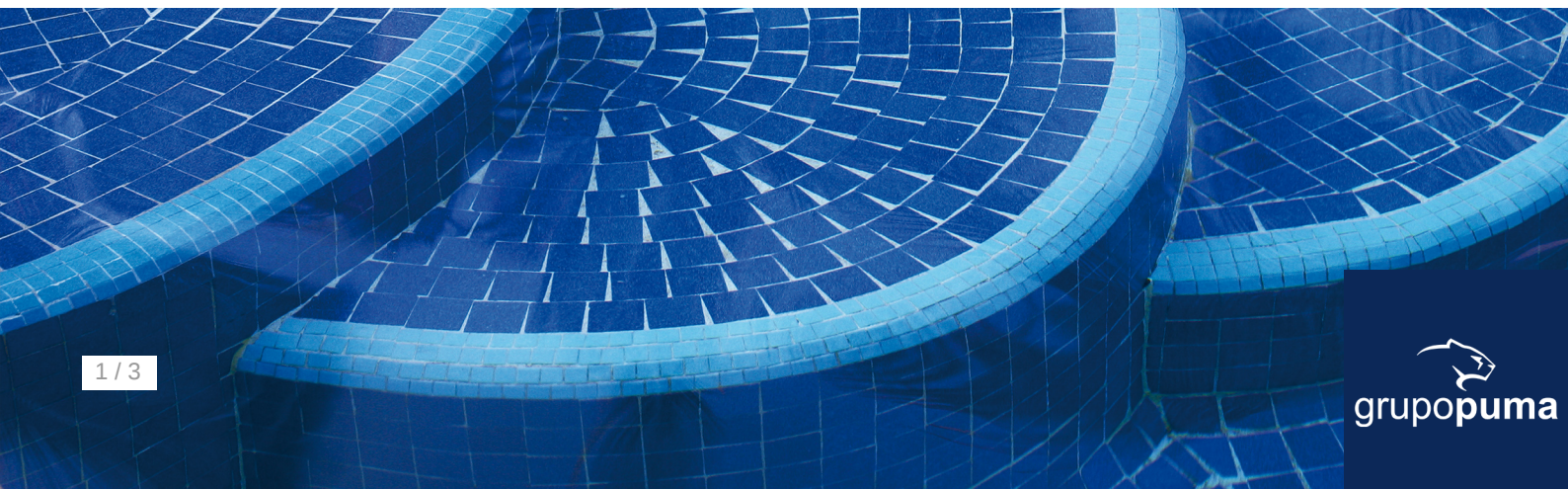
- To be applied on indoor and outdoor ceramic flooring, indoor walls, and baseboards.
- Suitable for ceramic tiles with a medium-high absorption rate.
- No need to wet tiles or substrates thanks to its high water-retaining capacity.
- Non slip. Excellent initial adherence.
- Long open time. Allows rectification.
- Resistant to humidity. Swimming pool tiling.

SUITABLE SUBSTRATES

- Conventional cement-based substrates.
- Indoor carton-gypsum 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.
- For greater thickness, use traditional dry mortars or levelling paste.
- 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.
- On outdoor flooring, substrates must have a gradient equal or superior to 1%.

APPLICATION PROCEDURE

- 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 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



TILE AND STONE ADHESIVES

PEGOLAND® ESPECIAL

NOTCHED-TROWEL PANEL

- 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: 30 kg/m²

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.
- On floor areas larger than 30 m², leave partition joints to be filled with a flexible material (PUMALASTIC-PU).
- On interior floorings larger than 15 m², it is advisable to keep a free perimeter expansion joint between the floor and the wall or pillar, hidden by a baseboard.
- Check that the gypsum board is firmly fixed before applying on it.
- For plaster based substrates, use PEGOLAND ESPECIAL YESO or PEGOLAND PORCELANICO YESO, avoiding slaked or poor plaster.
- The watertightness of the swimmingpool must be guaranteed by the underlying concrete structure.

PACKAGING AND STORAGE

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
Apparent density of powder	1,5 ± 0,2 g/cm ³
Density of mixed product	1,7 ± 0,2 g/cm ³
Adjustment time Approx.	30 min. (depending on weather conditions)
Paste shelf life Approx.	2 hours (depending on weather conditions)
Initial tensile adhesion strenght	> 0,5 N/mm ²
Tensile adhesion strenght after water immersion	> 0,5 N/mm ²
Tensile adhesion strenght after heat ageing	> 0,5 N/mm ²
Tensile adhesion strenght after freeze-thaw cycles	> 0,5 N/mm ²
UNE-EN 12004 Classification	C1 TE
Approximate yield	4 Kg/m ²

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

TILE AND STONE ADHESIVES

PEGOLAND® ESPECIAL

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