



PEGOLAND® UNO

Cement-based adhesive

ISO 13007
C1
EN 12004



DESCRIPTION

Tile adhesive. For setting indoor and outdoor ceramic flooring, and indoor walls. Suitable for bonding ceramic tiles with a medium-high absorption rate. Ideal for conventional cement-based substrates. In addition, this cement-based adhesive has good workability and high bond strength.

COMPOSITION

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

FEATURES AND APPLICATIONS

- To be applied on interior walls and floors or on exterior floors.
- Suitable for ceramic tiles with a medium-high absorption rate.

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 NIVELAND 10R or PAVILAND SOLERA 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.
- On outdoor flooring, substrates must have a gradient equal or superior to 1%.



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 2m².
- 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 900cm², 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 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 of tiles in vertical faces: 30 kg/m²

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

CAUTIONS AND RECOMMENDATIONS

- Do not apply below 5°C nor above 40°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.
- In pavements and coverings with a surface greater than 50 m² in interiors and pavements with a surface greater than 30m² in exteriors or in elongated surfaces of more than 15 linear meters it is recommended to leave partition or fractioning joints filled with a deformable material of the 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 PROFESIONAL range avoiding 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.
- When working with tiles that can be stained due to their high water absorption should be placed with PEGOLAND FAST FLEX C2FTE S1

PACKAGING

20 and 25kg 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	$\geq 0,5 \text{ N/mm}^2$
Tensile adhesion strenght after water inmersion	$\geq 0,5 \text{ N/mm}^2$
Tensile adhesion strenght after heat ageing	$\geq 0,5 \text{ N/mm}^2$
Tensile adhesion strenght after freeze-thaw cycles	$\geq 0,5 \text{ N/mm}^2$
UNE-EN 12004 Classification	C1
ISO 13007 Classification	C1
Approximate yield	Simple gluing: 4 Kg/m ²
	Double gluing: 4 Kg/m ²

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.

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