PEGACOL®

Conventional cement-based adhesive

DESCRIPTION

Tile adhesive for indoor floor tiling and cladding jobs suitable for bonding ceramic tiles with a medium-high absorption rate.

TECHNICAL CARACTERISTICS

Product based on high resistance cement, selected aggregates and additives.

ADVANTAGES AND USES

- 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.

SUITABLE 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.

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 $2m^2$.
- 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, 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

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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.

NOTCHED-TROWEL PANEL

Maximum weight on vertical surfaces: 20 kg/m^2		
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

RECOMMENDATIONS

- Do not apply below 5ºC nor above 30ºC.
- 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 m2, leave partition joints to be filled with a flexible material among PUMALASTIC range.
- It is recommended to leave a free perimeter expansion joint between the flooring and the wall or pillar, hidden by the skirting board, of approximately 5 mm. These joints should be filled with a deformable material.
- 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 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
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^2
Tensile adhesion strenght after water inmersion	≥ 0,5 N/mm^2
Tensile adhesion strenght after heat ageing	PND
Tensile adhesion strenght after freeze-thaw cycles	PND
Approximate yield	Simple gluing: 4 Kg/m^2
	Double gluing: 6 Kg/m^2
Classification according to UNE EN 12004:2007	CE

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

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verified externally by AENOR.

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