



PEGOLAND® FLEX RECORD

High-performance, two-component cement-based adhesive for demanding applications



DESCRIPTION

Two component high performance cementitious adhesive for very demanding applications. Specially suitable for heavy tiles on walls and floors of large application areas. Suitable for bonding all types of ceramic tiles. Indoor and outdoor application.

TECHNICAL CHARACTERISTICS

Two component product based on high resistance white cement, selected aggregates, special additives and dispersion resins.

ADVANTAGES AND USES

- To be applied indoors and outdoors. Façades.
- Suitable for all types of ceramic tiles and natural stone (marble, limestone, granite). Highly recommended for large and very large format tiles.
- Non slip. Excellent initial adherence.
- Long open time. Allows rectification.
- Flexible.
- To tile large areas with intense traffic and floors with underfloor heating.

SUITABLE SUBSTRATES

- Conventional cement-based substrates.
- Indoor and outdoor flooring and indoor ceramic cladding up to 3 meters high
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- All substrates must have the appropriate flatness. Otherwise, screed up to 5 mm per coat with the same product 48 hours before 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

- Mix the powder and the liquid resin contained in the package. Use a mixer until a homogenous paste is obtained.
- 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).
- Use double bonding for large format tiles.
- Lay the tiles, press and make small rotation movements to ensure that the glue gets in total contact with 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.

TILE AND STONE ADHESIVES

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NOTCHED-TROWEL PANEL

NOTE: For better results lay tiles as soon as possible after spreading.

Maximum weight on vertical surfaces: 60 kg/m ²		
TILE FORMAT	NOTCHED FORMAT	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 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.
- 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.
- On floorings with underfloor heating, apply when substrate is at room temperature (between 5°C and 30°C).
- Check that the gypsum board is firmly fixed before applying on it.
- For gypsum based substrates, use PEGOLAND - GYPSUM, avoiding laked or poor plaster.
- On façades and exterior facings, the material must be secured with mechanical systems.

PACKAGING AND STORAGE

Kit containing a 20Kg paper bag with the powdered product and a 5.2 Kg plastic bucket with the resin.
Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

TECHNICAL DATA

(Statistical data obtained under standard conditions)	
Aspect	WHITE powder
Apparent density of powder	1,6 ± 0,2 g/cm ³
Open time	Approx. 20 min.
Adjustment time	Approx. 30 min. (depending on weather conditions)
Paste shelf life	Approx. 2 hours (depending on weather conditions)
Initial tensile adhesion strenght	> 2,0 N/mm ²
Tensile adhesion strenght after water immersion	> 1,0 N/mm ²
Tensile adhesion strenght after heat ageing	> 1,5 N/mm ²
Tensile adhesion strenght after freeze-thaw cycles	> 1,0 N/mm ²
UNE-EN 12004 Classification	C2 TE
UNE-EN 12002 Classification	S2
Approximate yield	5 Kg/m ²

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