



NIVELAND® 10 CT C25 F5

Self-levelling mortar suitable for 2 to 10 mm thickness



DESCRIPTION

Self-levelling mortar for interior residential floors that once harden accepts any kind of pavements: ceramic, parquet, etc. 2mm to 10 mm thickness. Mortar for levelling irregular pavements indoors. High mechanical resistance. Easy to lay and high self-levelling power.

TECHNICAL CHARACTERISTICS

Product based on cements, selected aggregates and additives.

ADVANTAGES AND USES

- Irregular pavements levelling in interior areas.
- High mechanical resistance.
- Easy to apply
- High self-levelling capacity.
- Floors' smoothing in residential areas with moderate pedestrian traffic, before placing the final pavement: ceramic, parquet, PVC, linoleum, etc.

SUITABLE SUBSTRATES

- Concrete, cementitious floorings or substrates with a suitable resistance or similar strength. In case of working with other substrates, please consult our technical department.
- Substrates must be resistant, stable, sound, and clean, free from dust or any other kind of substances, organic products, etc.
- If necessary prepare the substrate mechanically so that the surface is free from grout and has the appropriate porosity.
- Before applying NIVELAND 10, any possible hollows and cracks should be adequately repaired using the PAVILAND or MORCEMREST adequate product, according to the nature of the substrate and the type of reparation required.
- Apply Paviland Primer R to avoid the formation of air bubbles in the cladding and in order to improve its adherence to the substrate according to the instructions given in the technical data sheet of the product.
- Before applying the paste, ensure that the residual humidity is below the recommended level (lower than 3%).

APPLICATION PROCEDURE

- Mix the product with water (5.00-5.25 L per each 25 Kg bag), with a mechanic mixer at low speed (500 rpm approximately) until getting a homogeneous paste without lumps. It is essential to add the exact specified amount of water in order to avoid the segregation of the product, high retractions and a decrease in resistance.
- Let the mixture stand for 2 minutes and remix.
- The paste should be used during the following 30 minutes after it has been prepared, this, of course, will depend on environmental conditions as well.
- Pour the mixed product on top of the substrate and spread it with a levelling trowel.
- The maximum recommended thickness is 10 mm, although up to 20 mm can be applied in specific areas or small areas (maximum 10 m² or 5 linear metres), ensuring that the substrate has adequate tensile

FLOORING

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RECOMMENDATIONS

- strength.
- Respect the structural joints and carry out perimeter and partition joints.
- NIVELAND 10 must be protected, as it is not an appropriate material to remain uncovered.

- Do not apply it under 5°C nor above 30°C.
- Do not apply when there is a risk of frost, strong wind or direct sun weather conditions
- Not recommended for exterior use Do not apply on floors with humidity or that may suffer from it in the future.
- Do not add any aggregates, cement nor any type of product that may modify the original formula.
- Once the product has been mixed and its resting time has passed, do not add any more water.
- For floors larger than 20 m² or longer than 10 lineal metres, it is advisable to make partitioning joints, delimiting panels with 6 mm joints that can be sealed with PUMALASTIC MS or PU.
- Movement joints on the original substrate must be respected and perimteral joints made.
- The surface coat should be protected against an extremely fast drying, specially under high temperatures or heavy winds conditions.
- Before placing the final pavement, you should check the residual humidity of the floor and confirm it is adequate for the type of flooring to be installed.

PACKAGING AND STORAGE

25kg laminated paper bags.
1 year storage in its original packaging, away from extreme weather conditions and humidity.

TECHNICAL DATA

(Statistic results were obtained under standard conditions).

Aspect	Grey powder
Life time of the paste	30 minutes
Adherence to concrete	>1 N/mm ²
Time to wait before walking on surface (*)	8– 12 hours
Sanding time (*)	12– 24 hours
Cladding time (*)	Ceramic or carpet: 12-24 hours Parquet or synthetic cladding: 24-48 hours
compression strength	> 5 N/mm ² (1 d)
	> 15 N/mm ² (7 d)
	> 25 N/mm ² (28 d)
Approximate yield	1,5 Kg/m ² and mm thickness
Classification according to UNE EN 13813	CT C25 F5
Thickness of application:	2 a 10 mm

(*): Time refers to a temperature range around 23°C and 55% relative humidity. They are shorter at higher temperatures and longer at lower temperatures.

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CE MARK

	
GRUPO PUMA ESPAÑA, S.L Avda. AGRUPACIÓN CÓRDOBA, Núm. 17 14014 CÓRDOBA 25	
NIVELAND 10 Nº: 501870-01 EN 13813	
Self-levelling mortar (CT.C25-F5 type) for indoor floors preparation, installation of light floorings such as tiles, parquet, fitted carpet, etc. Thickness from 2 mm to 10 mm.	
Fire reaction	Clase A1
Emission of harmful substances	CT
Compressive Strength	C25
Flexural Strength	F6
Dangerous substances	Check Safety Data sheet

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 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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