



NIVELAND® 3

Self-leveling mortar for layers of up to 3 mm



DESCRIPTION

Self-levelling mortar for indoor floors preparation. Once hardened, it is suitable for all kind of light floorings (tiles, parquet, fitted carpet, etc.).

TECHNICAL CHARACTERISTICS

Product based on special cements, selected aggregates and additives.

ADVANTAGES AND USES

- Indoor floor levelling.
- High mechanic resistance.
- High resistance to abrasion.
- Easy to apply.
- Excellent fineness.
- Excellent levelling qualities.
- Up to 3mm thickness.

SUITABLE SUBSTRATES

- Concrete, mortar flooring and similar elements.
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- With low-porosity substrates, apply a priming coat (TEXTURE FIX) or improve roughness by mechanical means.
- Before applying the paste, make sure that residual moisture is below the recommended proportion (less than 3%).
- Fill voids or holes (two parts NIVELAND and one part sand).

APPLICATION PROCEDURE

- Add water (5.5 to 6 litres per bag) and mix with a low-speed mechanical mixer (500 rpm approx.) until you have an even and fluid paste.
- Let the mixture stand for 2 minutes and remix.
- The manipulation time of the paste is 20 minutes, depending on the weather conditions.
- Pour the mixed product on the base to be set and spread with a levelling trowel.
- Recommended maximum thickness is 2-3 mm.

NOTE: For greater thickness, mix two parts of NIVELAND with 1 part of 0 to 4 mm silica sand. Mix with 5% less water. The resulting mortar will partially lose its self-levelling capacity. Finish with a layer of at least 3mm pure levelling product.

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.
- Do not apply on humid floors or when there is a risk of humidity.
- Do not add water once it starts to harden.



PACKAGING AND STORAGE

- Do not apply outdoors.
- On surface areas greater than 20 m², it is advisable to make partition joints (of 6mm minimum), filling them with an elastic material, such as PUMALASTIC PU.
- On surface areas greater than 12 m², it is advisable to do perimeter joints, filling them with an elastic material.

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	GREY powder
Setting starting time	120 min.
Time to wait before walking on surface	4 - 5 hours
Sanding time	8 - 12 hours
Cladding time tiling or wall-to-wall carpet starting	24 hours later
Cladding time timber, synthetic floor or paint starting	24 hours later
Resistance to compression	>20 N/mm²
UNE-EN 13813 Classification	CT C20 F6
Approximate yield	1,5 Kg/m² per mm of thickness

NOTE: Times shown relate to 23°C temperature and 50% relative humidity. Such times are shorter at higher temperatures and longer at lower temperatures.

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