

FIX-NIVEL PREMIUM

Quick-setting EXTRA-FLUID self-leveling mortar for floors between 1 to 20 mm. of thickness.

"it's like water"



WARNING

- ◆ Do not add lime or extra cement: this would lead to lack of adherence, fissures and a delay in the drying.
- ◆ Do not apply to dirty surfaces, with unconnected parts, with remains of paint, dust, water, etc.
- ◆ Do not apply outside.
- ◆ Do not apply in areas where there is a continuous damp threat.
- ◆ Do not apply outside the range of temperatures permitted.
- ◆ Do not use on metal supports.



FIELDS OF APPLICATION

- ◆ For indoor use.
- ◆ For making self-levelling cement-like flooring of thickness preferably between **1 and 20 mm.**
- ◆ For making self-levelling cement-like flooring without joints, with an easy-to-clean smooth finish and **highly resistant to wear** from wheeled articles (trolleys, chairs, pallet carriers, forklift trucks, etc.).
- ◆ For making cement-like floors that are suitable for the later application of **ceramics, carpet, parquet, vinyl, PVC, etc.**
- ◆ For making bases over concrete, mortar, slabs, hydraulic flooring, **PAVIFORT**, ceramics, wood, stone, etc.
- ◆ For making bases for floors with **radiant heating**.

TECHNICAL SPECIFICATIONS

FIX-NIVEL PREMIUM is a pre-dosed, self-levelling, fast-setting mortar, made of cements, resins, loads and high resistant additives that combine perfectly the three main aspects in a mortar of these characteristics:

- ◆ high end resistance in all senses.
- ◆ easy workability over an extended period of time.
- ◆ good finish and final appearance of the surface area.

FIX-NIVEL PREMIUM is mixed with water only, making its use on site very simple. Its characteristics distinguish it, due to its:

- ◆ **extremely high** mechanical resistance in flexion and compression.
- ◆ physical-mechanical characteristics very similar to those of concrete in elasticity and permeability, thus preventing the **formation of cracks** and fissures.
- ◆ **great adherence** to most construction materials: concrete, stone, ceramics, mortar, slabs, hydraulic flooring, etc.
- ◆ **extremely high** resistance to wear from abrasion.
- ◆ its **fast hardening** enables you to apply it "on the go".
- ◆ it has **no retraction**.

HOW TO USE

◆ Preparation of the support:

Correct, exhaustive and detailed cleaning of the support is the best guarantee to ensure a long-lasting job. There are two phases to be carried out:

1st.- Remove all remains of deteriorated, unconnected, non-solid, broken-up support.

Also remove all remains of dust, paint, wax, products for removing formwork, etc.

2nd.- If there are any of the following supports, you must carry out a previous phase before applying the mortar:

a) **concrete surfaces** that are very absorbent or dusty: prime them first with a mixture of **PRIMFIX** and water, in a 1:4 ratio. Apply this mixture with a brush and leave to dry.

b) **wooden surfaces:** you must make a union bridge between the wood and the selflevelling mortar using our product, **BOND COAT**. Apply the **BOND COAT** and let dry 3-5 hours; then apply the mortar.



- c) **old tiles surfaces:** when you apply **FIX-NIVEL PREMIUM** on old tiles, you must make a union bridge between the tiles and the selflevelling mortar using our product, **BOND COAT**. Apply the **BOND COAT** and let dry 3-5 hours; then apply the mortar.

◆ **Preparation of the mixture:**

You must distinguish between three possibilities:

a) **for thicknesses of 1 to 20 mm.**

Pour 5.6-5.8 litres of clean water into a bucket. Add a 25-kg sack of **FIX-NIVEL PREMIUM** to the water, stirring continuously with an electric mixer set at slow. Allow to stand for 2 minutes. Re-mix with the electric mixer for a few more seconds: the mortar is ready to be used. This operation can be carried out without problems with automatic pumping centres.

b) **for thicknesses of more than 50mm.:**

Without a doubt, in these cases it is recommended to first use the pre-dosed cement **RECRECEM PRE-MIX** or **PAVIFORT**, and when it has been applied, to use **FIX-NIVEL PREMIUM** as a smooth final layer.

◆ **Spreading the mixture:**

The success of the application of a self-levelling mortar consist of carrying out the following points:

- 1st. Before pouring the mass, you should have demarcated the level to be done in the whole area where the selflevelling mortar is to be applied. In other words, if you consider that the mortar is "like water", once the mass has been poured in, it will occupy all the space available due to its self-levelling nature, therefore NOT ONLY should the final levels be calculated, but also **the area should be physically demarcated with rulers, pieces of wood, walls, etc.**

- 2nd. The following step is easy: you should **pour in the mortar** mixed with water until you fill the space demarcated

CONSUMPTION:

Very absorbent surfaces: primer:	0.03 lt./m ² PRIMFIX + 0.12 lt./m ² water
Wooden surfaces: primer:	0.1-0.15 Kg./m ² BOND COAT
FIX-NIVEL PREMIUM	1.6 Kg./m ² per mm.of thickness

TECHNICAL SPECIFICATIONS

DIRECTIVES	EN 13813
PRODUCT	
• Type:	CT-C25-F7: fast-hardening self-levelling mortar
• Apparent density in powder:	1.33 g/cm ³
• Granulometry:	from 0 to 1 mm.
• Toxicity:	irritant, avoid contact with skin and eyes
APPLICATION	
• Proportion of the mixture:	5.6-5.8 litres of water to 25 kg.
• Apparent density when fresh:	2.0 g/cm ³
• Temperature of application.:	between +5°C and +35°C
• Duration of the mixture:	20-30 minutes
• Thicknesses applicable per coat:	from 1 to 20 mm.
• Can be walked on after:	3-12 hours
• Application of the flooring:	12-24 hours
PERFORMANCE PROPERTIES	
• Resistance to damp: < 2 %!! 24 hours (with a calcium carbide hygrometer + 20°C, 60%)	
• Resistance to ageing:	excellent
• Resistance to solvents:	excellent
• Wear resistance:	excellent
• Flexibility:	good
• Resistance to flexion:	> 7 N/mm ²
• Resistance to compression:	>25 N/mm ²
• Abrasion resistance:	A15 (>15cm ³ /50cm ²)
STORING	
• In covered, dry, ventilated places:	6 months
PACKING:	
• supplied in:	25 kg. in grey color

between the rulers, walls, etc. until the desired level is reached.

◆ **Later laying of flooring:**

The selflevelling mortars are a fast-setting mortars: usually, 12-24 hours after its laying, it is ready to have the final flooring laid on it: ceramics, carpet, parquet, PVC, etc. However, the decision on whether or not to start laying will be taken definitively by measuring the humidity of the mortar, as the thickness, the temperature and the environmental humidity at the time of using it are factors that may accelerate or delay the ideal moment for starting to lay.

When you lay glued wood, the minimum thickness of the layer of **FIX-NIVEL PREMIUM** must be 3 mm, so that it can counteract the tension that the adhesive and the floorboard will have on the **FIX-NIVEL PREMIUM**.