

FIX-NIVEL

CT-C11-F4 according to EN13.813

Fast hardening self-levelling mortar for the execution of levelling layers from 1 to 15 mm thick.



Grey

MAIN FEATURES

- Pre-dosed and self-levelling mortar with fast-setting no shrinkage and abrasion resistance.
- Easy workability for a prolonged period.
- Good surface finish and final appearance.
- Very high flexural and compressive strength.
- Physical-mechanical characteristics very similar to those of concrete in terms of elasticity and permeability, thus preventing the formation of cracks and fissures.
- High adhesion to most building materials: concrete, stone, ceramic, mortar...

FIELDS OF APPLICATION

- Interior use.
- Production of self-levelling cementitious flooring with thicknesses between 1 and 15 mm.
- Production of self-levelling cementitious flooring without joints, with a smooth finish that is easy to clean and highly resistant to wear due to rolling (trolleys, chairs, pallet trucks, wheelbarrows).
- Floor screeds on concrete, mortar, hydraulic paving, **RECRECEM PRE-MIX**, ceramic...
- Underfloor heating.

HOW TO USE

SUPPORT PREPARATION

- The correct, exhaustive and detailed restoration of the substrate is the best guarantee to ensure a long-lasting installation. There are two phases to be carried out:
- Remove any remains of the substrate that are deteriorated, unconnected, unsound, disintegrable,...
- Also remove all traces of dust, paints, waxes, release agents,...
- In the case of having any of the following substrates, we must carry out a step previous to the application of the self-levelling product:
- Highly absorbent or dusty concrete surfaces: prime them with **PRIMFIX** and water in a 1:4 ratio. Apply this mixture with a brush and allow to dry.
- Wooden surfaces: a bonding bridge must be made between the wood and the self-levelling product with our product **BOND COAT**. Apply the **BOND COAT** and let it dry for 3 to 5 hours and then apply the self-levelling product.
- Old ceramic surfaces: we must make a bonding bridge between the old ceramic and the **FIX-NIVEL** with our product **BOND COAT**. Apply the **BOND COAT** and let it dry for 3 to 5 hours and then apply the self-levelling mortar.

PREPARATION OF THE MIXTURE

- With a cowles-mixer at high revolutions mix 7.0 litres of water with 25 kg. Let rest for 2 minutes and re-mix to have the paste ready for use. This operation can be carried out without any problems with automatic pumping stations.

APPLICATION OF THE MIXTURE

- Delimit the area with rulers, woods and walls. The mortar is "like water" and therefore will occupy all the available space due to its self-levelling character.
- Then pour and pour the self-levelling mortar until the required level is reached.
- After 12 - 24 hours, check the residual humidity before starting to lay ceramic tiles, carpets, parquet, PVC, ... If you want to lay glued wood, the minimum thickness of **FIX-NIVEL** must be 3 mm.

TECHNICAL DATA

Density in powder	1.4 g/cm ³
Mixing water	7.0 L / 25 kg sack
Density of the mixture	1.9 g/cm ³
Temperature of application	from +5°C to +35°C
Pot life	20 - 30 minutes
Residual damp (+20°C; 60%RH)	< 2.0% (24 hours)
Can be walked on after	3 - 12 hours
Final hardening	12 - 24 hours
Thickness of layer	1 - 15 mm
Resistance to flexion	≥ 4.0 N/mm ²
Resistance to compression	≥ 11.0 N/mm ²
Consumption of primer:	
· On highly absorbent substrate	0.03 L/m ² PRIMFIX + 0.12 L/m ² water
· On wood or old ceramics	0.15 kg/m ² BOND COAT
FIX-NIVEL consumption	1.6 kg/m ² ·mm thickness
Estimated expiration	12 months
Presentation	25 kg

