

## FIX-NIVEL CAPA GRUESA

CA-C35-F9 according to EN13.813

Fast hardening self-levelling mortar for the execution of levelling layers from 5 to 50 mm thick.



Grey

### MAIN FEATURES

- Pre-dosed self-levelling mortar with rapid 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, ceramics, mortar...

### FIELDS OF APPLICATION

- Interior use.
- Production of self-levelling cementitious screeds with thicknesses between 5 and 50 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).
- Screeds on concrete, mortar, hydraulic paving, **RECRECEM PRE-MIX**, ceramic...
- Flooring with 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 4.5 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 CAPA GRUESA** must be 5 mm.

### TECHNICAL DATA

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| Density in powder               | 1.5 g/cm <sup>3</sup>                                              |
| Mixing water                    | 4.5 L / 25 kg sack                                                 |
| Density of the mixture          | 2.1 g/cm <sup>3</sup>                                              |
| 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              | 5 - 50 mm                                                          |
| Resistance to flexion           | ≥ 9.0 N/mm <sup>2</sup>                                            |
| Resistance to compression       | ≥ 35.0 N/mm <sup>2</sup>                                           |
| Consumption of primer:          |                                                                    |
| · On highly absorbent substrate | 0.03 L/m <sup>2</sup> <b>PRIMFIX</b> + 0.12 L/m <sup>2</sup> water |
| · On wood or old ceramics       | 0.15 kg/m <sup>2</sup> <b>BOND COAT</b>                            |
| <b>FIX-NIVEL</b> consumption    | 2.1 kg/m <sup>2</sup> ·mm thickness                                |
| Estimated expiration            | 12 months                                                          |
| Presentation                    | 25 kg                                                              |

