

FL CAPAFLOOR Level Tech 3-30

Cementitious self-leveling mortar, classified as CT - C35 - F7 according to the UNE-EN 13813 standard, for leveling and smoothing interior floors with rapid hardening and compensated shrinkage.



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION



Self leveling



Thicknesses
from 3-30 mm



Blazing fast



Fiber reinforced



Pumpable

DESCRIPTION

Mortar composed of cement, special aggregates of controlled granulometry and additives that give the product great resistance and leveling capacity. Indicated for leveling floors in thicknesses of up to 30 mm, prior to laying the coating, with a rapid development of resistance. Indoor use. Self-leveling mortar classified under the UNE-EN 13813 standard as CT-C35-F7. Fiber-reinforced product for rapid commissioning, presenting high resistance to cracking.

APPLICATION

Leveling and smoothing of concrete and mortar surfaces. Repair, preparation, and leveling of floors in new construction and renovation projects. Applications in electric radiant heating systems. It can be covered with ceramic tiles, natural stone, lightweight flooring, epoxy flooring, laminate flooring, parquet, etc. For interior applications over existing ceramic floors, it will be necessary to apply our APLICA LEVEL PRIMER primer and ensure proper adhesion of the ceramic flooring that will be covered by the self-leveling compound. For other finishes, please consult the Technical Department.

SURFACE

The surfaces must be rough, stable, clean, free of dust, paint, plaster and release agents. Check the flatness, as well as that there are no disintegrable parts or cracks in the surface and, if necessary, clean it previously.

HOW TO USE

Preparation and verification of the surface

1. Check that the surface is hard, stable, clean, free of dust, paint, release agents and is dry. Check the flatness as well as that there are no disintegrable parts, cracks, fissures, or gaps in the surface and if necessary, repair it beforehand.
2. It is necessary to carry out a previous cleaning with cleaning agents and mechanical means in order to facilitate an adequate installation and the correct functioning of the product.
3. Once the previous points have been made and prior to the application of the material, the adherent primer, Aplika Level Primer, must be applied. This product will be applied following the recommendations of its technical sheet.

Kneading and placement

1. Prepare the surface properly.
2. Mechanically mix with clean, drinkable water in the amount indicated until a homogeneous, fluid and self-leveling paste without lumps is obtained. Knead the amount of material that can be used in a maximum time of 30 minutes from its kneading, a time that may be altered depending on environmental conditions.
3. Let stand 2 minutes.
4. Pour the mixture on the surface and help the complete leveling of the mixture on the surface.



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PRECAUTIONS AND RECOMMENDATIONS

- Respect the amounts of mixing water
- An excess of water does not improve workability and can alter the final appearance as well as a decrease in final performance. Respect the recommended thicknesses.
- Do not apply outdoors, or on bases susceptible to humidity due to capillary rise performance. Respect the recommended thicknesses.
- Do not apply on metal surfaces.
- Make and respect the structural joints and fractionation properly, for large areas.
- Do not apply in anticipation of frost and avoid application in direct sunlight or draughts. Do not apply at temperatures below 5°C or above 35°C.
- On substrates with underfloor heating, turn it off at least 24 hours before applying the product.
- Keep the area ventilated to promote drying.
- Expansive EPS tape must be placed at the perimeter level, at encounters with walls and divisions, as well as with pillars. The minimum thickness of the expanding tape will be 15 mm.
- This is a product ready to be mixed with water, do not add any type of additive that could alter its properties.
- Use preferably before 9 months from the date of packaging and store in a covered and dry place in its original sealed container, away from moisture.

PACKAGING

FL CapaFLOOR Level Tech 3-30 is presented in 25 kg paper bags with moisture-proof plastic lining, in shrink-wrapped pallets of 1,000 kg. (40 bags).

TECHNICAL CHARACTERISTICS

Kneading water	6,20 - 6,57 liters	
Compressive strength at 28 days	> 35 Mpa	
Flexural strength at 28 days	> 7 Mpa	
Adherence	> 0,7 Mpa	
Time of life	20-25 min	
Yield per mm of thickness	1,85 Kg/m ²	
Layer thickness	Up to 30 mm	
Mix density (Kg/l)	2,15	
Setting	< 2 hours (*)	
Trafficability (22 °C)	12 h	
Coverage (22°C)	24 h	
Retraction (mm/m)	< 0,9	
Flux density (W/m ²)	69,252	UNE-EN 12664
Thermal resistance (m ² ·K/W)	0,289	UNE-EN 12664
Thermal conductivity (W/m·K)	0,519	UNE-EN 12664

*These times may vary depending on environmental conditions. In the particular case of covering by laying parquet, this time is extended to 24 hours.

NOTE

Recommendations for use are based on our knowledge and experience. The technical data have been obtained under normal laboratory conditions, and may vary depending on the installation conditions. Since the application conditions are not controllable by us, the information on this sheet does not imply responsibility of the company.