FL CAPAFLOOR Level Grueso

UNE-EN 13.813 CT C30-F7
Self-leveling cementitious mortar with normal setting for thick-bed screeds

GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION

- Self-leveling
- Thicknesses from 20 to 50 mm
- Manual and machine application
- Fiber-reinforced
- Exterior and interior application
- Suitable for radiant heating and cooling

DESCRIPTION

Normal-setting, self-leveling cementitious mortar for resurfacing or leveling interior and exterior floors. Easy to apply due to its high fluidity. High adhesion. Suitable for both pumping and pouring applications. Suitable for floors with radiant heating and cooling.

APPLICATION

Leveling and smoothing of concrete and mortar surfaces. Surface raising. 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 to be covered by the self-leveling compound. For other finishes, please consult the Technical Department. This product is specially designed for use in radiant heating and cooling systems.

SURFACE

Substrates must be hardened, dust-free, sound, and free of oil, grease, paint, and plaster residue. Substrates must be mechanically prepared to achieve an open-pore surface. Holes and cavities must be filled the day before. Absorbent substrates must be pre-moistened. Before applying the self-leveling product, use our APLICA LEVEL PRIMER primer.

HOW TO USE

1. Gradually add the mortar to the mixing water.
2. Mix mechanically for 3 minutes at low speed with clean water until a smooth, fluid paste is obtained.
3. Let it rest for about 2 minutes and mix again briefly.
4. Pour the product onto the substrate, spreading it with a trowel or scraper.
5. If a second coat is required, it can be applied after 24 hours.

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PRECAUTIONS AND RECOMMENDATIONS

- Do not apply the product at temperatures below 5°C or above 35°C.
- This product is ready to mix with water. Do not add any additives that could alter its properties.
- Respect expansion joints.
- Not recommended for thicknesses less than 2 cm.
- It is compatible with adhesives normally used for this type of floor covering.
- For exterior flooring, curing is required for at least 24 hours after application.
- Do not apply on metal surfaces.
- Do not apply directly to anhydrite floors.
- Do not apply on substrates subject to flexing.
- For the installation of lightweight flooring, pre-sanding is recommended.
- As this is a cementitious product, the use of rubber gloves is recommended.
- Tools and implements should be cleaned with water immediately after use. If the product hardens, it can only be removed mechanically.
- EPS expansion tape must be installed around the perimeter, at junctions with walls and partitions, as well as pillars. The minimum thickness of the expansion tape will be 15 mm.
- Storage: 12 months from the date of product manufacture under appropriate temperature and humidity conditions.

PACKAGING

FL CAPAFLOOR Level Grueso is presented in 25 kg paper bags with a moisture-proof plastic sheet on 1,600 kg shrink-wrapped pallets (64 bags).

TECHNICAL CHARACTERISTICS

Mixing water	3,5-4 L
Color	Gray Mortar
Compressive strength 28 d	> 30 N/mm²
Flexural strength 28 d	> 7.0 N/mm²
Compressive strength 24 h	> 6 N/mm²
Mixture density (kg/l)	Approx. 2.2 Kg/l
Grading	<2 cm
Layer thickness	From 20 to 50mm
Consumption	2.0 Kg per m² and mm thickness
Adhesion to concrete 28 days (N/mm²)	> 1.5 N/mm²
Pot life of mix*	60 min
Setting*	< 450 min
Traffic capacity (22ºC)*	48 hours
Coverage (22ºC)*	Between 48 and 72 hours*
Shrinkage (mm/m)	<0.5mm/m
Fire rating (EN 13501-1)	A1 fl
Flux density (W/m²)	191.939 UNE-EN 12664
Thermal resistance (m² K/W)	0.104 UNE-EN 12664
Thermal conductivity (W/m K)	1,441 UNE-EN 12664

* Variable depending on the application thickness and environmental conditions, until the humidity is less than 4%.

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.