

FL CAPAFLOOR

Capa Autonivelante 50

Normal setting self-leveling cement-based mortar for thick layer screed UNE-EN 13.813 CT C30-F7



-  Self levelling
-  Thicknesses from 20 to 50 mm
-  Manual and Machine Application
-  Fiber reinforced
-  Exterior and Interior Application
-  Suitable for radiant heating and cooling

GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION

DESCRIPTION

Normal setting self-leveling cementitious mortar for screeds or regularization of both interior and exterior pavements. Easy application due to its great fluidity. High Adhesion. Valid for both pumping and pouring applications. Valid for floors with radiant and cooling heating.

APPLICATIONS

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.

SUPPORTS

The surfaces must be hardened, dust free, healthy, free of oil, grease, paint and plaster residues. The surfaces must be mechanically prepared to achieve an open pore surface. Fill holes and hollows the day before. The absorbent surfaces will be moistened beforehand. Prior to applying the self-levelling product, we must use our primer APLICA LEVEL PRIMER.

HOW TO USE

-  Gradually add the mortar to the mixing water.
-  Mechanically knead for 3 minutes at high speed with clean water until a fluid and homogeneous paste is obtained.
-  Let stand for about 2 minutes and mix again briefly.
-  Pour the product on the surface, spreading it with the help of a trowel or scraper.
-  If a second coat is required, it can be applied after 24 hours.

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WARNINGS AND RECOMMENDATIONS

- Do not apply at temperatures below 5°C or above 35°C.
- This product is ready to mix with water, do not add any kind of additive that could alter its properties.
- Respect expansion joints.
- Not recommended for thicknesses less than 2 cm.
- It is compatible with the adhesives normally used for this type of floor covering.
- In exterior pavements, curing is necessary for at least 24 hours after application.
- Do not apply on metal surfaces.
- Do not apply directly on anhydrite floors.
- Do not apply on supports subject to bending.
- For the placement of light pavement, prior sanding is recommended.
- EPS expansive tape must be placed at the perimeter level, in encounters with walls and partitions, as well as with pillars. The minimum thickness of the expansive tape will be 15mm.
- As it is a cementitious product, the use of rubber gloves is recommended.
- The tools and supplies will be cleaned with water immediately after use, if the product hardens they can only be removed by mechanical means.
- Conservation: 12 months from the date of manufacture of the product in adequate conditions of temperature and humidity.

PRESENTATION

FL CapaFLOOR Capa Autonivelante 50 is presented in 25 kg paper bags with anti-humidity plastic sheeting, shipped on 1,050 kg (42 bags) pallets.

TECHNICAL CHARACTERISTICS

Mixing water	3,5-4 L
Colour	Grey mortar
Compression resistance 28 days	> 30 N/mm ²
Flexural strength 28 days	> 7,0 N/mm ²
Compression resistance 24 hours	> 6 N/mm ²
Mixed density (Kg/l)	Aprox. 2,2 Kg/l
Granulometry	< 2 cm
Layer thickness	From 20 to 50 mm
Consumption	2,0 Kg for m ² and mm thickness
Adherence to concrete 28 days (N/mm ²)	> 1,5 N/mm ²
Mix pot life*	60 min
Setting*	< 450 min
Walkability (22°C)*	48 hours
Coverage (22°C)*	7 days
Shrinkage (mm/m)	< 0,5 mm/m
Fire rating (en 13501-1)	A1fl
Flux density (W/m ²)	191,939 UNE-EN 12664
Thermal resistance (m ² ·K/W)	0,104 UNE-EN 12664
Thermal conductivity (W/m·K)	1,441 UNE-EN 12664

*These times may vary depending on environmental conditions.

NOTE

The 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 conditions of use. Since the application conditions are not controllable on our part, the information in this sheet does not imply responsibility of the company.