

APLICAL LEVEL Grueso Fibrado

UNE-EN 13.813 CT C30-F7

Self-leveling cementitious mortar with normal setting for thick-bed screeds



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

DESCRIPTION

Fiber-bonded, self-leveling, normal-setting cementitious mortar for screeding or leveling both interior and exterior floors. Easy to apply due to its excellent fluidity. High adhesion. Suitable for both pumping and pouring applications. Suitable for floors with radiant heating and cooling.

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

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

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 stand 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

Aplica Level Grueso Fibrado 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	Grey mortar
Compressive strength 28 d	> 30 N/mm ²
Flexural strength 28 d	> 7,0 N/mm ²
Compressive strength 24 h	> 6 N/mm ²
Mixture density (kg/l)	Approx. 2,2 Kg/l
Grading	< 2 cm
Layer thickness	From 20 to 50 mm
Consumption	2.0 Kg per m ² and mm thickness
Adhesion to concrete 28 days (N/mm ²)	> 1,5 N/mm ²
Pot life of mix*	60 min
Setting*	< 450 min
Traffic (22oC)*	48 hours
Coverage (22oC)*	7 days
Shrinkage (mm/m)	< 0,5 mm/m
Fire rating (EN 13501-1)	A1 fl
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 were obtained under normal laboratory conditions and may vary depending on the actual application conditions. Since application conditions are beyond our control, the company assumes no liability for the information in this sheet.