

APLICAL LEVEL Grueso

UNE-EN 13.813 CT C30-F7

Self-levelling cement-based mortar with normal setting for screed in thick coat



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION



-  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

Self-levelling cement-based mortar with normal setting for screed or to level out indoor and outdoor floors. Easy to apply due to high fluidity. Strong adhesive bond. Can be poured or sprayed onto the application surface. Can be used in floors with heating systems.

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.

SURFACES

The surfaces onto which the product is applied must be clean, sound and free from oils, grease, paint and traces of plaster. The surface must be prepared mechanically before application so that it has open pores. Fill in any holes and gaps the day before you apply this product. Absorbent surfaces should be moistened before the product is applied. Make sure that no puddles form on the surface.

HOW TO USE

1. Gradually mix the mortar with water.
2. Mix mechanically with clean water at low rpm for 3 minutes until you obtain a smooth, fluid paste.
3. Leave the paste to stand for 2 minutes and the mix again briefly.
4. Pour the product over the surface, spreading it out with a trowel or scraper.
5. In case a second coat is required, this 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 additional substance which may alter its properties.
- Mind the expansion joints.
- Not recommended for thicknesses below 2 cm.
- Compatible with the adhesives normally used for this type of floor finishing.
- In outdoor floors, a curing process is required during at least 24 hours after application.
- Do not apply onto metal surfaces.
- Do not apply directly onto anhydrite floors.
- Do not apply onto surfaces subjected to bending stress.
- If laying light paving, it is better to sand the surface first.
- We recommend wearing rubber gloves when handling this cement-like product.
- All tools must be washed immediately after use. If the product is allowed to dry, it will only be possible to remove it by mechanical means.
- Storage: up to 12 months after manufacturing in suitable temperature and humidity conditions.

AVAILABLE FORMATS

aplica Level Grueso is available in 25 kg paper sacks with moisture-proof plastic lining, dispatched on shrink-wrapped pallets weighing a total of 1.600 kg (64 sacks).

TECHNICAL FEATURES

Mixing Water	3,5-4 L
Colour	Grey mortar
Compressive strength after 28 days	> 30 N/mm ²
Flexural strength after 28 days	> 7,0 N/mm ²
Compressive strength after 24 h	> 6 N/mm ²
Mixture Density (Kg/l)	Approx. 2,2 Kg/l
Grain size	< 2 cm
Coat thickness	From 20 to 50 mm
Consumption	2,0 Kg for m ² and mm thickness
Adhesive bond with concrete after 28 days (N/mm ²)	> 1,5 N/mm ²
Mixture open time*	60 min
Set time*	< 450 min
Trafficable (22°C)*	48 hours
Coverage (22°C)*	7 days
Shrinkage (mm/m)	< 0,5 mm/m
Fire classification (EN 13501-1)	A1 fl
Flow 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 provided have been obtained under normal laboratory conditions, and may therefore vary according to the environmental conditions in the place where the product is used. As the application conditions are beyond our control, the information provided here does not imply that the company accepts responsibility for any variations.