COMPAKTUNA®

EGALISER-EN PLUS C30

Fast leveling mortar 2-30 mm

CE

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048/CPR/130701

EN 13813

EGALISER-EN PLUS C30

Cementitious screed material for internal use

Release of corrosive substances	CT
Compressive strength	C30
Flexural strength	F7



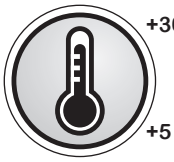
CONFORM CT-C30-F7 NBN EN 13813











CHARACTERISTICS

EGALISER-EN PLUS C30 is a dry, ready-to-use fast leveling mortar for floors that can be used indoors. EQUALISER-EN PLUS C30 consists of cement, selected quartz sands, and high-quality aggregates.

By simply adding water, you get a self-leveling mortar with the following key features:

- very good self-leveling properties
- fast setting time
- excellent adhesion
- high final strengths

Its short drying time reduces waiting times before the floor can be used. EQUALISER-EN PLUS C30 allows for leveling unevenness from 2 mm to 30 mm in a single layer.

Technical characteristics		Category and values acoording to NBN EN 13813 MPa (N/mm²)
Compressive strength	after 4 hours after 24 hours after 7 days after 28 days	ca. 9 ca. 17 ca. 25 (C30) ≥ 30
Bending strength	after 4 hours after 24 hours after 7 days after 28 days	ca. 2 ca. 4 ca. 7 (F7) ca. 9
Moisture content	after 24h (on 5 mm)	ca. 4% (*)

(*) = By means of Carbide testing (CM)

Mixing ratio	Consumption	Packaging
±5,5 L water per 25 kg bag (±22%)	±1,7 kg/mm/m² in powder	25 kg PE
Colour	**Processing time**	**Application temperature**
Brown-grey	±30 min.	+5 °C to +30 °C

EGALISER-EN PLUS C30

DIRECTIONS FOR USE

1. Substrate

Substrate requirements

Work should always be carried out on a rough, sound, dry, dust- and oil-free substrate that is free from loose particles. Suitable substrates include screed, rough concrete, precast concrete elements, mortar layers, floors with underfloor heating (not in operation), and old tile floors. Smooth substrates (e.g., polished concrete) must first be sanded. Do not apply on wet floors or floors subject to rising moisture, unstable substrates, or outdoor areas.

For applications on floors with underfloor heating, the residual moisture content must be ≤ 1.8% CM (Carbide Method).

Priming

Absorbent substrates such as cement screeds, rapid-setting cement screeds, and rough concrete should be treated with PRIMER PO or with a solution consisting of 1 part COMPAKTUNA® (PRO) and 3 parts water. Non-absorbent, smooth, dense substrates such as ceramic coverings or smooth concrete should be pretreated with undiluted PRIMER BL.

2. Application

EGALISER-EN PLUS C30 is mixed with approximately 22% water, i.e., approximately 5.5 L of water per 25 kg bag, depending on the desired consistency. Pour the required amount of water for each 25 kg bag into a mortar tub and slowly and evenly add the dry leveling mortar. Mix thoroughly with a slow-turning mixer for 2 minutes until a lump-free, homogeneous self-leveling compound is obtained. Let the leveling compound rest for 5 minutes, then stir it again intensively. Now pour the EGALISER-EN PLUS C30 in strips onto the floor. Light assistance with a squeegee, leveling trowel, or pin roller may be necessary.











REMARKS

- EGALISER-EN PLUS C30 is applied in 1 or 2 layers. If a second layer is required, it should be applied once the first layer has hardened. When applying 2 layers of EGALISER-EN PLUS C30, the first layer must be primed with undiluted PRIMER BL before applying the second layer. After the primer has formed a film (approximately 1 hour), the second layer can be applied.
- The maximum total layer thickness of EGALISER-EN PLUS C30 is 30 mm.
- The processing temperature is between +5 °C and +30 °C (applicable to both the substrate and the environment). Do not apply in direct sunlight.
- The working time of EGALISER-EN PLUS C30 is 30 minutes at +20 °C. EGALISER-EN PLUS C30 is temperature-dependent; higher temperatures shorten the working time, while lower temperatures will delay the floor's usability.
- During curing, protect EGALISER-EN PLUS C30 from frost, precipitation, strong winds, and direct sunlight.
- EGALISER-EN PLUS C30 provides an ideal surface for tiling, parquet, (non-nailed) carpet, cork, etc.
- EGALISER-EN PLUS C30 is walkable after 6 hours and can be covered after 24 hours (at +20 °C).
- EGALISER-EN PLUS C30 is a ready-to-use product and should not be mixed with cement, plastic dispersion, sand, or other additives.
- EGALISER-EN PLUS C30 must not come into contact with gypsum during curing.
- Expansion joints in the substrate must be continued into the leveling mortar.
- Provide an edge strip (e.g., 5 to 8 mm polyethylene band) at the edges and around all fixed elements.

PACKAGING

EGALISER-EN PLUS C30 is available in polyethylene bags of 25 kg. The shelf life is 12 months in the original, unopened packaging and stored in a dry place.

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As the applications of our products are diverse, no single application guideline can be laid down. All product data reflect the state of knowledge of our products at the time of publication. Therefore all suggestions and recommendations concerning the use of our products are merely illustrative. Apply the product on a small and insignifi cant spot before starting to use our products to be sure the desired result is obtained. Always ask for the technical sheet of our products. Visit the website www.compaktuna.be. Consult our "technical department" which can be reached for free on the green number 0800/92279. The Dutch text shall be exclusively binding.
Version 10/02/2014. **COMPAKTUNA BV is EN ISO 9001 certified.**

COMPAKTUNA®
Quality & Innovation

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