



## CHARACTERISTICS

- Dry, fast-levelling cement-bound mortar
- Ready-to-use
- Allows for smoothing unevenness from 0,5 mm to max. 10 mm
- By addition of water, a self-levelling mortar is obtained
- Does not contain grain
- Allows to place very thin layers and to obtain a smooth surface
- An excellent self-deliquescence
- Fast hardening
- Excellent adhesion
- High resistance after curing

## APPLICATIONS

- For indoor floor applications: parquet, vinyl, LVT linoleum, cork, carpet, laminate, tiling.
- Suitable surfaces are: cement-bound screeds, rough concrete, elements in precast concrete, mortar layers, old tile floors, polished concrete.
- Suitable for use on floors with underfloor heating and floor cooling (reversible system) (depending on the approval of the flooring manufacturer), if applied fully with a notched trowel.

## TECHNICAL CHARACTERISTICS

Consistency	Powder
Mixing ratio	± 5 l water per 20 kg powder (±25%)
Application temperature	+5°C - +30°C
Compression strength NBN EN 13813 after 28 days (N/mm <sup>2</sup> ) = class C30	± 29
Compression strength NBN EN 13813 after 4 hours (N/mm <sup>2</sup> )	± 12
Compression strength NBN EN 13813 after 7 days (N/mm <sup>2</sup> )	± 25
Compression strength NBN EN 13813 after 24 hours (N/mm <sup>2</sup> )	± 18
Bending resistance NBN EN 13813 after 24 hours (N/mm <sup>2</sup> )	± 5
Bending resistance NBN EN 13813 after 28 days (N/mm <sup>2</sup> ) = class F7	± 6
Bending resistance NBN EN 13813 after 4 hours (N/mm <sup>2</sup> )	± 3,5
Bending resistance NBN EN 13813 after 7 days (N/mm <sup>2</sup> )	± 5,5
Maximum total layer thickness (mm)	10
Working time at 23 degrees C and 50% R.H.	25 minuten (a higher temperature reduces the working time)
Moisture content after 24h (5 mm) NBN EN 13813	± 4%
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +15°C to +25°C.

## PACKING AND COLOURS

**bag 20kg - 50 pieces/pallet**

## METHOD OF USE

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## Preparation

- Preferably roughen/sand smooth surfaces to increase the contact surface.
- Uneven floors should be levelled first using a levelling layer like DL Egaline or DL Maxi Egaline.
- When screeds applied on underfloor heating the residual moisture content of those must be  $\leq 1,8\%$  (Calcium Carbide measuring).

## Primers

- It is necessary to apply the Primer WB or Primer PU Turbo before use on highly absorbent surfaces.
- Non-absorbent, smooth, dense surfaces (such as polished concrete, ceramic tiles...) must first be degreased and polished/ sanded, then be pretreated with DL Egaline Primer.
- Prime cement screeds or concrete with a residual moisture cavity  $\leq 5\%$  CM (Carbide Method measurement) with 2 layers of Hydroblocker 2K and sand it in (for processing, see technical data sheet Hydroblocker 2K).
- For floors that are subject to rising moisture, prime with Hydroblocker 3K and sand it in (for processing, see technical data sheet Hydroblocker 3K).

## Application

- **DL Egaline** is made up with  $\pm 25\%$  water, that is  $\pm 5$  l of water per bag of 20 kg, depending on the desired consistency.
- Put the required volume of water in a mortar tub and slowly and evenly add the dry levelling mortar quantity.
- With a slowly rotating mixer, blend the contents vigorously for 2 minutes until you achieve a homogeneous and lump-free mixture suitable for pouring mortar.
- Let the levelling mortar stand undisturbed for 5 minutes. Next, again stir the mixture vigorously.
- Now pour the **DL Egaline** in strips on the floor. Light assistance with the tractor, leveling trowel or pin roller may be necessary.
- The processing time ( $\pm 15$  minutes at  $20^\circ\text{C}$ ) is temperature-related: higher temperatures will shorten processing times, lower temperatures will delay the use of the floor.
- **DL Egaline** can be applied in 1 or 2 layers. When applying a second layer, wait until the first layer is walkable ( $\pm 3$  hours) and then prime the first layer with **DL Egaline Primer**. After the primer has dried ( $\pm 1$  hour) the second coat can be applied.
- Surface expansion joints must be retained in the levelling mortar's coating.
- A layer's maximum total thickness is 10 mm.
- For leveling layers under parquet, the minimum layer thickness is 3 mm.

## SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

## POINTS OF ATTENTION

- Do not apply in the case of risk of rain and frost.
- Not suitable for application outside.
- Do not apply to floors that are wet or on unstable surfaces (f. ex wood).
- Ready-to-use product. No cement, sand or other additives may be added.
- Must not come into contact with plaster (anhydrite) during curing.
- Do not apply in direct sun.
- Not recommended in combination with epoxy (poor adhesion).

## TECHNICAL APPROVALS AND QUALITY LABELS

- UKCA & CE according to EN 13813: CT-C25-F5

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CE

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