



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 underfloor heating.
- Not recommended in combination with epoxy (poor adhesion).

TECHNICAL CHARACTERISTICS	
Consistency	Cement, quartz sand and high-quality additives
Colour	Grey
Mixing ratio	± 5 l water per 20 kg powder (±25%)
Consumption	± 1,55 kg/mm/m ² in powder
Processing time (20°C)	± 25 minutes (higher temperature shortens the open time)
Processing temperature (both surface & ambient)	+5°C - +30°C
Maximum total layer thickness	10 mm
Compressive strength : NBN EN 13813	After 4 hours : ± 12 MPa (N/mm ²) After 24 hours : ± 18 MPa (N/mm ²) After 7 days : ± 25 MPa (N/mm ²) After 28 days : ± 29 MPa (N/mm ²) = class C25
Flexural strength : NBN EN 13813	After 4 hours : ± 3,5 MPa (N/mm ²) After 24 hours : ± 5 MPa (N/mm ²) After 7 days : ± 5,5 MPa (N/mm ²) After 28 days : ± 6 MPa (N/mm ²) = class F5
Residual moisture after 24 hours (5 mm) : NBN EN 13813	± 4% (Carbide Method, CM)
Shelf life, in the original packing and stored in a cool place	12 months
Curing time (+20°C, 65% relative humidity and +18°C foundation temperature)	
Walkable	After ± 3 hours
Can be finished with vapour permeable covering (carpet)	± 24 hours (with a 5 mm thick layer)
Can be finished with a vapour-tight coating (parquet, vinyl, linoleum, cork...) With a sufficiently low moisture content	With a sufficiently low moisture content

PACKING
Bag of 20 kg - 50 bags/pallet

METHOD OF USE

Preparation

- The application shall be carried out on a rough, healthy, dry surface, free of dust, grease and bits of loose substances.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

- Non-absorbent, smooth substrates (f.i polished concrete and ceramic tiles) must be degreased and roughened first.
- When screeds applied on underfloor heating the residual moisture content of those must be $\leq 1,8\%$ (Calcium Carbide measuring).

Preparation

- The substrate must be rough, dry, dust and oil free and free of loose parts.
- Non-absorbent, smooth surfaces (such as polished concrete, ceramic tiles ...) must first be degreased and sanded.
- For applications on floors with underfloor heating, the residual moisture content must be $\leq 1.8\%$ CM (Carbide Method measurement).

Primer

- 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 absorbent surfaces (such as cement screeds, concrete...) with **Primer PU Turbo** and then sand it in.
- 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 ± 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 (± 15 minutes at 20°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 (± 3 hours) and then prime the first layer with **DL Egaline Primer**. After the primer has dried (± 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

Safety data sheet available online: www.dl-chem.com

LIMITATIONS

- Do not apply to floors that are wet or on unstable surfaces (f. ex wood).
- Not suitable for outdoor applications.
- Ready-to-use product. No cement, sand or other additives may be added.
- In the case of underfloor heating, commissioning is only allowed at a residual moisture content of $\leq 1.8\%$ CM (CM measurement).
- During curing, **DL Egaline** must not come into contact with plaster (anhydrite).
- During curing, protect against frost, precipitation, strong wind and direct sun (do not apply in direct sun).
- **DL Egaline** is not a final coat.

TECHNICAL APPROVALS

CE

CE
20 DL Chemicals
EN 13813 No. DoP: MP0240001

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.