DL MAXI EGALINE

CHARACTERISTICS

- Dry, fast-levelling, cement-bound mortar
- Ready-to-use
- Allows for smoothing unevenness from 2 mm to max. 30 mm
- By addition of water, a self-levelling mortar is obtained
- Does not contain grain
- 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	
Consistention	Cement, quartz sand and high-quality additives
Colour	Brown grey
Consumption	±1,7 kg/mm/m² in powder
Mixing ratio	± 5,5 l water per 25 kg powder (±22%)
Processing time (20°C)	± 30 minutes (higher temperature shortens the open time)
Processing temperature (surface & ambient)	+5°C - +30°C
Maximum total layer thickness	30 mm
Compressive strength: NBN EN 13813	After 4 hours : ± 9 MPa (N/mm²) After 24 hours : ± 17 MPa (N/mm²) After 7 days : ± 25 MPa (N/mm²) After 28 days : ≥ 30 MPa (N/mm²) = class C30
Flexural strength: NBN EN 13813	After 4 hours : ± 2 MPa (N/mm²) After 24 hours : ± 4 MPa (N/mm²) After 7 days : ± 7 MPa (N/mm²) After 28 days : ± 9 MPa (N/mm²) = class F7
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	± 6 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 25 kg - 48 bags/pallet

METHOD OF USE

Preparation

- The substrate must be rough, dry, dust and oil free and free of loose parts.

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- 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 ≤ 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 ≤ 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 Maxi Egaline** is made up with ± 22% water, that is ± 5,5 l of water per bag of 25 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 (± 30 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 (± 6 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 30 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 ≤ 1.8% CM (CM measurement).
- During curing, **DL Maxi 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 Maxi Egaline** is not a final coat.

TECHNICAL APPROVALS
CE

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DL Chemicals
EN 13813
No. DoP:
MP0240002

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