Technical data sheet

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

- Suitable for bonding parquet on floors with underfloor heating.
- For indoor floor applications: parquet, vinyl, LVT linoleum, cork, carpet, laminate, tiling.
- Suitable for underfloor heating.
- Not recommended in combination with epoxy (poor adhesion).
- Suitable surfaces are: cement-bound screeds, rough concrete, elements in precast concrete, mortar layers, old tile floors, polished concrete.

TECHNICAL CHARACTERISTICS	
Consistency	Powder
Mixing ratio	± 5,5 l water per 25 kg powder (±22%)
Application temperature	+5°C - +30°C
Compression strength NBN EN 13813 after 28 days (N/mm²) = class C30	≥ 30
Compression strength NBN EN 13813 after 4 hours (N/mm²)	± 9
Compression strength NBN EN 13813 after 7 days (N/mm²)	± 25
Compression strength NBN EN 13813 after 24 hours (N/mm²)	± 17
Bending resistance NBN EN 13813 after 24 hours (N/mm²)	± 4
Bending resistance NBN EN 13813 after 28 days (N/mm²) = class F7	± 9
Bending resistance NBN EN 13813 after 4 hours (N/mm²)	± 2
Bending resistance NBN EN 13813 after 7 days (N/mm²)	± 7
Maximum total layer thickness (mm)	30
Working time at 23 degrees C and 50% R.H.	30 minutes
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 25kg - 48 pieces/pallet

METHOD OF USE

Preparation

DL CHEMICALS Since 1936 Manufacturer of Sealants

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- Preferably roughen/sand smooth surfaces to increase the contact surface.
- Uneven floors should be levelled first using a levelling layer like DL Egaline of DL Maxi Egaline.
- Underfloor heating must have dilated at least 48 hours before installation.
- The surface should be permanently dry, clean and free from dust, paint, loose parts.... and must retain its pressure and form. Check whether surface complies with the applicable norms and technical regulations.
- When screeds applied on underfloor heating the residual moisture content of those must be ≤ 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 ≤ 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 Maxi 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 Maxi 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

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.

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