



CHARACTERISTICS

- 2 component moisture and adhesion primer based on epoxy
- Blocks residual moisture in the screed
- Improves adhesion of parquet adhesive to the subfloor
- Solvent free and anhydrous
- Contains no VOC
- Odorless

APPLICATIONS

- Suitable as a moisture barrier for cement-bound screeds and concrete with a residual moisture content of up to 5% (measured with carbide meter).
- Suitable as an adhesion primer on absorbent surfaces such as cement-bound screeds, concrete floors and dry anhydrite subfloors (<0.5% residual moisture).
- Suitable on non-absorbent surfaces such as ceramic tiles and natural stone.
- Suitable as an adhesion primer for underfloor heating, when screed is dry.
- Can be used as a synthetic repair mortar for cracks (≤ 20 mm) in the screed when mixed with fine, dry sand.

TECHNICAL DETAILS*	
Physical state	Liquids
Color	Comp. A: colorless / Comp. B: brown
Curing system	Cures by chemical reaction
Mix ratio A:B	2:1
Density	1,170 g/cm ³
Viscosity (Brookfield)	600 mPa.s
VOC content	0 g/l
Processing temperature	> +10°C
Pot life	30 - 40 min.
Consumption as an adhesion primer	± 3 m ² /liter (1 layer)
Consumption as a moisture barrier	± 6 m ² /liter (2 layers)
Dust dry/walkable (light traffic)	15 hours
Installing the floor	MIn. 15 hours Max. 48 hours Max. 7 days (after sanding in)
Shelf life, unopened in a dry, cool and frost-free place at a temperature above 10°C	12 months

*Measured at 20°C, 60% RH

PACKAGING

Box of 15 l containing 2 sets: 2 x component A (5 liters) and 2 x component B (2.5 liters)

PROCESSING

Substrate

- The surface to be treated must be clean and free of any substance that can loosen or crack.
- Prepare synthetic mortar to repair cracks (≤ 20 mm) in the screed by mixing **Hydroblocker 2K** with dry fine sand (0.3-0.5 mm) with the ratio primer/sand 1:6. To improve adhesion of the mortar on powdery surfaces, a layer of pure **Hydroblocker 2K** can first be applied, after which the synthetic mortar is applied to the **Hydroblocker 2K** when still wet.
- Non-absorbent floors such as ceramic tiles and polished concrete must be degreased and scratched.
- Anhydrite screeds must be sufficiently dry (<0.5% moisture) and lightly sanded.
- With underfloor heating, the screed must be solid, compact and not subject to rising moisture.

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Mixing components

- Mix (with a mechanical mixer at low speed) the 2 components in the correct mixing ratio.
- Wait 5 minutes to allow the first reaction between the components, this contributes to a good result.
- **Hydroblocker 2K does not need to be diluted.**
- Attention: after the expiry of the pot life (30 min.), the temperature can rise to 70-80°C and lead to gelling of the product.

Apply as primer (to improve adhesion of the screed)

- Apply 1 layer of **Hydroblocker 2K** evenly on the screed with a roller or brush.
- For highly absorbent screeds, a second coat may be recommended after at least 15 hours of drying time.
- The screed must be sufficiently saturated. When applied correctly, a uniform film is formed, which promotes adhesion of the adhesive to the surface of the screed.
- Avoid applying too much product.
- The floor must be installed within 15 to 48 hours. The waiting time can be extended to 7 days if the primer is sanded in.

Apply as a moisture barrier (for waterproofing the absorbent screed)

- Apply 2 coats of **Hydroblocker 2K** evenly on the screed with a roller or brush, at an interval of at least 15 hours (within max. 48 hours).
- The screed must be sufficiently saturated. When applied correctly, a uniform film is formed, which blocks residual moisture and which promotes adhesion of the adhesive to the surface of the screed. Avoid applying too much product.
- The walls around the screed are also best covered with 1 layer of **Hydroblocker 2K**, up to a height of 5-6 cm.
- The floor must be installed within 15 to 48 hours. The waiting time can be extended to 7 days if the primer is sanded in.

Bonding of parquet

- The bonding of parquet on a subfloor treated with **Hydroblocker 2K** should best take place within 24 hours (or within 48 hours in case of waterproofing the absorbent screed), after applying the last layer.
- The waiting time can be extended by sprinkling fine sand on the primer when still wet. Remove the excess sand after the primer has dried. Sanding promotes the adhesion of the parquet adhesive.
- Use a 1 component hybrid polymer adhesive **Parabond Parquet** or a 2 component adhesive **Paracol Parquet 2C PU+**.

Cleaning

- Immediately after use with acetone or MEK.
- Cured product can only be removed mechanically.

SAFETY

Please consult the safety data sheet at www.dl-chem.com.

RESTRICTIONS

- Do not use the product below 10°C or at a relative humidity below 40%. Curing extends significantly at temperatures below 15°C.
- Not suitable for outdoor use.
- Do not apply in case of standing water.
- Must not, in combination with underfloor heating, be applied as a moisture barrier in case of insufficiently dry screeds.
- Do not use on insufficiently dry anhydrite screed (> 0.5% moisture, measured with carbide meter) to avoid "rotting" of the subfloor.
- Not suitable for rising damp. Please use **Hydroblocker 3K** in these circumstances.
- Not suitable for direct application of water-based adhesives such as **Paracol Universal Flooring**. In that case, first apply **Hydroblocker 2K**, sand it in and apply **DL Egaline** or **DL Maxi Egaline**.

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