TECHNICAL DATA SHEET

HYDROBLOCKER 3K

CHARACTERISTICS

- 3 component moisture and adhesion primer based on epoxy
- Suitable for most screeds
- Blocks rising damp
- Blocks residual moisture in the screed
- Improves adhesion of parquet adhesive to the subfloor
- Solvent free and anhydrous
- Contains no VOC
- Odorless

APPLICATIONS

- Particularly suitable as a moisture barrier in case of rising damp on smooth, non-absorbent surfaces (such as ceramic tiles, stoneware, marble) and absorbent surfaces (such as cement-bound screeds and concrete floors).
- Suitable as a moisture barrier on absorbent and non-absorbent surfaces with a residual moisture content of up to 5% (measured with a carbide meter).

TECHNICAL DETAILS*	
Physical state	Component A & B: liquid Component C: powder
Color	White
Curing system	Cures by chemical reaction
Mix ratio A:B:C	15:30:55
Dillution (when applicated with roller or brush)	5% with water
Density	1,570 g/cm³
Viscosity (Brookfield) of the mix	25 000 - 35 000 mPa.s
Viscosity (Brookfield) of the mix after dilution with 5% water	8 000 - 12 000 mPa.s
VOC content	0 g/l
Processing temperature	+10°C - +35°C
Pot life	40 - 60 min.
Consumption on non-absorbant surfaces	± 2 m²/kg
Consumption on absorbant surfaces	± 1,3 m²/kg
Dust dry/walkable (light traffic)	12 hours
Installing the floor	Min. 12 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 0°C	12 months

*Measured at 20°C, 60% RH

PACKAGING
10 kg bucket containing 2 sets: 2x component A (0.75 kg), 2x component B (1.5 kg) and 2x component C (2.75 kg)

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 in the screed by mixing **Primer PU Turbo** (for fine cracks) or **Hydroblocker 2K** (for bigger cracks) with dry fine sand (0.3-0.5 mm). Please consult the technical data sheet of **Primer PU Turbo** or **Hydroblocker 2K** to prepare this mortar.

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.

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- Non-absorbent floors such as ceramic tiles and polished concrete must be degreased and scratched.

Mixing components
- Mix (with a mechanical mixer at low speed) the two liquid components A and B in the correct mixing ratio, then slowly add component C (a powder).
- Continue until a creamy paste forms, then wait 5 minutes.

Apply as primer (to improve adhesion of the screed)
- Apply 1 layer of **Hydroblocker 3K** evenly on the screed.
- When applied with a roller or brush, the mixture should be diluted 5% with water.
- For optimal waterproofing, apply a 2nd layer crosswise, after at least 12 hours drying of the 1st layer.
- The recommended consumption of the layers together on non-absorbent subfloors is 500 gr / m^2, on absorbent floors 750 gr / m^2. If too thick a layer is applied, cracks can occur.

Bonding of parquet
- The parquet must be glued at least 12 hours after applying the last layer of **Hydroblocker 3K,** is recommended within 48 hours and should not be longer than 7 days later.
- 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 water.
- Cured product can only be removed mechanically.

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

RESTRICTIONS
- It is best not to use the product at temperatures below 10°C or at a relative humidity of less than 40%. Curing will extend considerably at temperatures below 15°C.
- Not suitable for outdoor use.
- Do not apply in case of standing water.
- Not suitable for anhydrite screeds and plaster floors in case of rising damp, to avoid “rotting” of the subfloor.
- Not suitable for leveling uneven surfaces.
- Must not, in combination with underfloor heating, be applied as a moisture barrier on insufficiently dry screeds or in case of rising damp.
- Not suitable for direct application of water-based adhesives such as **Paracol Universal Flooring**. In that case, first apply **Hydroblocker 3K**, sand it in and apply **DL Egaline** or **DL Maxi Egaline**.

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