



## CHARACTERISTICS

- Low odour
- Contains no VOCs
- Improves the adhesion of parquet adhesive to the screed
- Solvent and anhydrous
- Blocks residual moisture in the screed
- 2-component moisture and adhesion primer based on epoxy

## APPLICATIONS

- 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 ( $\leq 20$  mm) in the screed when mixed with fine, dry sand.
- Suitable as a moisture barrier for cement-bound screeds and concrete with a residual moisture content of up to 5% (measured with carbide meter).

## TECHNICAL CHARACTERISTICS

Density (g/ml)	1.17
Consistency	Liquid
Mixing ratio	2:1
Application temperature	> +10°C
Dust dry / walkable	15 h
Installation of the floor (hour)	Min. 15 - max. 48
Curing system	Curing by chemical reaction
VOC	0 g/l
Viscosity (mPa.s, Brookfield)	600
Shelf life of unopened product	12 months
Storage conditions	Unopened in a place between +10°C - +25°C

## PACKING AND COLOURS

bottle + can 2x 7,5l - 48 pieces/pallet

## METHOD OF USE

### Preparation

- The surface must be solid, strong enough and clean, dust and fat-free.
- Preferably roughen/sand smooth surfaces to increase the contact surface.
- Any cracks or fissures must be repaired with synthetic mortar that can be obtained by mixing Hydroblocker 2K with quartz sand (ratio 1/6).
- With underfloor heating, the screed must be solid, compact, sufficiently dry and not subject to rising damp.
- Anhydrite screeds must be sufficiently dry (<0.5% moisture) and lightly sanded.

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

## Application

### 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 - 40 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.

## Consumption

Consumption as an adhesion primer  $\pm 6$  m<sup>2</sup>/liter (1 layer)

Consumption as a moisture barrier  $\pm 3$  m<sup>2</sup>/liter (2 layers)

## Tooling

- For bonding the parquet floor, use the 1-component hybrid polymer adhesive Parabond Parquet or the 2-component adhesive Paracol Parquet 2C PU.

## Cleaning

- Uncured, redundant product can be removed with acetone
- After curing remove mechanically.

## SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

## POINTS OF ATTENTION

- Not suitable for application outside.
- Not suitable as a moisture barrier against rising damp. In this case use Hydroblocker 3K.
- Do not use on insufficiently dry anhydrite screed (> 0.5% moisture, measured with carbide meter) to avoid "rotting" of the subfloor.
- 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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- Must not, in combination with underfloor heating, be applied as a moisture barrier on insufficiently dry screeds or in case of rising damp.

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