



## CHARACTERISTICS

- 1 component adhesion and moisture primer based on polyurethane
- Strengthens powdery and brittle, absorbent subfloors
- Improves the adhesion of parquet adhesive to the subfloor
- Allows to quickly continue working: parquet flooring can already be laid after 1 hour
- Ready to use
- Solvent-free
- Does not contain VOCs
- Not flammable

## APPLICATIONS

- Suitable as an adhesion primer on cementitious subfloors (screed) that are powdery and brittle.
- Suitable as an adhesion primer on dry anhydrite subfloors (<0.5% residual moisture).
- Suitable as an adhesion primer for ceramic tiles.
- Suitable as an adhesion primer for underfloor heating, if the subfloor is dry.
- Suitable as a moisture barrier for cementitious subfloors with a residual moisture of up to 4% (measured with carbide meter).
- Suitable as an adhesion primer and moisture barrier for leveling mortar. It is recommended to sand in the primer.
- Can be used as a synthetic repair mortar for small cracks and cracks ( $\leq 5$  mm) in the screed when mixed with fine, dry sand.

TECHNICAL CHARACTERISTICS*	
Aspect	Liquid
Colour	Brown
Curing system	Cures by moisture in air and substrate
Density	1,170 g/cm <sup>3</sup>
Viscosity (Brookfield)	220 mPa.s
VOC content	0 g/l
Processing temperature	$>+10^{\circ}\text{C}$
Consumption as an adhesion primer	$\pm 8 - 12 \text{ m}^2/\text{liter}$ (1 layer)
Consumption as a moisture barrier	$\pm 5 - 8 \text{ m}^2/\text{liter}$ (2 layers)
Dust dry / walkable	50 - 70 min.
Floor laying	Min. 1 h - max. 72 h (optimal 24 h)
Completely cured	$\pm 24 \text{ h}$
Shelf life, in original closed packing in a dry, cool place free of frost with temperatures above $10^{\circ}\text{C}$	12 months

\* Measured at  $20^{\circ}\text{C}$ , 60% RH

## PACKING

Canister of 10 liters - 50 canisters / pallet

## METHOD OF USE

### Substrate

- The surface to be treated (absorbent and insensitive to moisture) must be clean and free from any substance that can come loose or tear.
- If the latter is the case, the necessary repairs can be carried out with **synthetic mortar** prepared with **Primer PU Turbo** and dried fine sand (0.3 - 0.5 mm).
- Fine cracks in the substrate (max. 5 mm) can be repaired with synthetic mortar, by mixing **Primer PU Turbo** and dried fine sand (primer/sand ratio 1:6). To improve the adhesion of the mortar on powdery surfaces, a layer of pure **Primer PU**

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### Application (when used as an adhesion primer)

- Apply 1 uniform layer of **Primer PU Turbo** to the subfloor with a roller or a brush. The subfloor must be sufficiently saturated.
- In case of particularly porous and absorbent surfaces, a second coat of **Primer PU Turbo** may be required, with an interval of at least 1 hour (within max. 24 hours).
- When applied correctly, a uniform film forms, improving the adhesion of the parquet adhesive to the surface of the subfloor.
- Avoid mirroring by over-applying the primer. This is detrimental to the adhesion.
- Close the canister tightly after use. Do not return excess product to the canister.

### Application (when used as a moisture barrier)

- Two coats of **Primer PU Turbo** should be applied evenly with a roller or a brush, with an interval of at least 1 hour (max. 24 hours).
- For compact and normally absorbent surfaces, one layer of **Primer PU Turbo** is sufficient, provided that the entire surface is evenly covered (untreated parts can prevent the correct operation of the treatment!). If in doubt, it is recommended to apply 2 coats.
- The edges and walls around the subfloor must be coated with 1 layer of **Primer PU Turbo**, to a height of 5 - 6 cm.
- Close the canister tightly after use. Do not return excess product to the canister.

### Parquet floor laying

- Bonding of parquet on a subfloor treated with **Primer PU Turbo** should be done within 24 hours.
- Use a 1 component hybrid polymer adhesive **Parabond Parquet** or a 2 component adhesive **Paracol Parquet 2C PU+**.
- If bonding cannot be done within 24 hours, the treated surface should be sprinkled generously with fine sand during the application of the **Primer PU Turbo**. Remove excess sand after the primer has hardened.

### Cleaning

- Cured product can only be removed mechanically.

## SAFETY

Safety data sheet available online: [www.dl-chem.com](http://www.dl-chem.com).

## LIMITATIONS

- 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 as a moisture barrier with rising damp. In this case use **Hydroblocker 3K**.
- Not suitable as a moisture barrier on a ceramic tile, marble, varnished surfaces and other non-absorbent surfaces. In this case use **Hydroblocker 3K**.
- Not suitable for direct application of water-based adhesives such as **Paracol Universal Flooring**. In that case apply **Primer PU Turbo**, sand in and apply **DL Egaline** or **DL Maxi Egaline**.

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