

## CHARACTERISTICS

- High-Quality 2-Component Polyurethane Adhesive
- Excellent stance (adhesive lines remain stable)
- Very easy to apply
- High end strength
- Low odour
- Long pot life
- Epoxy free: particularly suitable for users who manifest allergic phenomena with the use of epoxy or epoxy-polyurethane products
- Solvent and anhydrous

## APPLICATIONS

- Bonding solid parquet, multi-layer parquet, mosaic parquet and industrial parquet (slat on side/slat on edge).
- Suitable for indoor use only.
- Suitable for use on floors with underfloor heating and floor cooling (reversible system) (depending on the approval of the flooring manufacturer), if applied fully with a notched trowel.



## TECHNICAL CHARACTERISTICS

Type of product	2-component PU
Density (g/ml)	1.73
Number of components	2
Curing time	24 hours
Shear strength (N/mm <sup>2</sup> )	> 3,5 (EN14293)
Mixing ratio	9:1
Application temperature	+10°C - +35°C
Curing system	Curing by chemical reaction
Sandable after	48 h
Walkable after	24 h
Working time at 23 degrees C and 50% R.H.	60 - 70 minutes
Shore A hardness: ISO 868	85
Viscosity (mPa.s, Brookfield)	50,000
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

## PACKING AND COLOURS

**bucket (9.9kg) + bottle (1.1kg) 11kg - 55 pieces/pallet**  
Grey brown

## METHOD OF USE

### Preparation

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- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.
- Remove irregularities such as old adhesive residues mechanically
- Preferably roughen/sand smooth surfaces to increase the contact surface.
- Uneven floors should be levelled first using a levelling layer like DL Egaline or DL Maxi Egaline.
- Cementitious screeds with high residual moisture can be treated with Primer PU Turbo (max. 4% residual moisture) or Hydroblocker 2K (max. 5% residual moisture).
- Existing ceramic, granite, marble or similar floors should be properly degreased and then mechanically scratched. In case of rising damp, they must be treated with a three-component primer Hydroblocker 3K.
- In any case, do not apply a moisture barrier on screeds with underfloor heating and a residual moisture content higher than allowed according to the applicable standards.
- If the screed is in extremely poor condition, it must be removed and replaced.
- Measure the moisture content of the substrate using a carbide meter in the core of the screed and compare it with the maximum value prescribed by the flooring manufacturer.
- Preferably let the parquet acclimatize for a few days in the original packaging in the relevant room.
- Check the moisture of the wood before installation and compare it with the value prescribed by the manufacturer. Installation is strongly discouraged below 7% or above 11% wood moisture.
- 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.
- Before installing on underfloor heating and cooling, it must be turned off for at least 48 hours after following the heating and cooling protocol to allow the screed to dry properly and to minimize the risk of cracking.
- Any cracks or fissures must be repaired with synthetic mortar that can be obtained by mixing Hydroblocker 2K with quartz sand (ratio 1/6).
- Always mix the entire package, as a slight deviation in the mixing ratio can significantly reduce the strength of the cured adhesive.
- Pour component B (bottle) into the bucket of component A. Mix the components using an electric mixer (drill) until a homogeneous uniform paste is obtained.

### Primers

- It is necessary to apply the Primer WB or Primer PU Turbo before use on highly absorbent surfaces.

### Application

- Slide the parquet into the wet adhesive on the substrate (perpendicular to the adhesive beads) and tap with a rubber hammer. The material can at this stage still be adjusted, just push it down well.
- Always respect the open time of the adhesive (60-70 minutes). High temperatures accelerate the curing time of the mixture, low temperatures slow down the curing time.
- The product should be applied to the substrate with a coarsely serrated adhesive trowel. The adhesive must be spread evenly over the entire surface.

### Consumption

- 750 - 950 g/m<sup>2</sup> with B3 notched trowel: Pre-manufactured parquet systems/planks, lamparquet, mosaic parquet
- 950 - 1300 g/m<sup>2</sup> with B11 notched trowel: Solid parquet, pre-manufactured laths/panels, industrial parquet, chip board, OSB

For bonding long, wide planks and in case of bonding upon uneven supports, it may be necessary to use a trowel with coarse serration to prevent hollow areas in the adhesive base.

### Cleaning

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

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## SAFETY

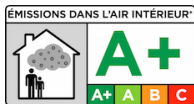
Consult the safety information on the packaging and the safety data sheet for more information. Professional use requires mandatory PU training since 24/08/2023. More information: [www.dl-chem.com/pu\\_training](http://www.dl-chem.com/pu_training)

## POINTS OF ATTENTION

- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Avoid contact with plasticizer-containing materials such as bitumen, neoprene, EPDM, butyl... as these can lead to loss of adhesion or discoloration.
- Not suitable for sanitary applications (not mould resistant)
- Not suitable for application outside.
- Cannot be used on permanently humid surfaces.
- As there is an extended range of parquet floors on the market, you have to make sure that the product is suitable for the intended application.
- Always respect the correct ratio (9/1) when mixing the components. A shortage of the B component (hardener) leads to incomplete curing of the adhesive. The adhesive should not be diluted.

## TECHNICAL APPROVALS AND QUALITY LABELS

- GEV Emission EC1plus label: very low VOC emissions
- French VOC emission class A+



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