



CHARACTERISTICS

- High-quality 1-component hybrid polymer based parquet adhesive
- Ready-to-use
- Excellent to work on, easy to spread
- Suitable for use with underfloor heating
- Dries fast: one can tread on the parquet after curing for 24 hours
- Permanently elastic: absorbs the working movement of parquet floors
- Better acoustic comfort
- Solvent, water, phthalate and isocyanate free

APPLICATIONS

- Suitable for solid parquet and prefabricated parquet systems (slats, planks, panels, plates), mosaic parquet, industrial parquet (slat on side/slat on edge), lamparquet, chipboards and OSB.
- Suitable for solid parquet up to a slenderness factor of 12.8.
- Suitable for the most common types of wood and particularly suitable for problematic woods such as beech, maple and bamboo.
- Also suitable for bonding parquet floors to old ceramic tiles.
- Suitable for bonding parquet on floors with underfloor heating.
- For both absorbent and non-absorbent surfaces.

TECHNICAL CHARACTERISTICS

Basic ingredient	Hybrid polymer
Curing system	By means of humidity
Number of components	1
Open time (23°C and 50% R.V.)	35 min.
Vulcanisation rate (23°C and 50% R.V.)	2 mm after 24 h
Density: ISO 1183	1,67 g/ml
Processing temperature	+5°C - +40°C
Ambient temperature	Standard instructions of TV 272 of BBRI apply
Adhesive temperature at application	+15°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Shore A hardness : ISO 868	40
Elongation at break : ISO 37	250%
Modulus at break : ISO 37	1,5 N/mm ²
Shearing force : DIN 53283	1,5 N/mm ²
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	

PACKING AND COLOUR

Bucket of 15 kg - 33 buckets/pallet

Bucket of 2 x 7,5 kg - 33 buckets/pallet

Beige

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METHOD OF USE

Preparation

- The substrate must be solid, sufficiently strong, clean, free of dust and grease and free of loose layers. Remove irregularities such as old adhesive residues mechanically. Preferably roughen/sand smooth surfaces to increase the contact surface.
- It is recommended to always perform an adhesion test on every surface. It is the user's responsibility to check whether the product is suitable for its application. Consult our technical service if necessary.
- Uneven floors should be levelled first using a levelling layer like **DL Egaline** or **DL Maxi Egaline**.
- The moisture content of the substrate should be measured using a carbide meter and be compared to the maximum value as specified by the flooring manufacturer. In accordance with TV 272 of the BBRI, this is a maximum of 2.5% for cement screed and 0.5% for anhydrite; and in the presence of underfloor heating, 1.8% and 0.3% respectively.
- 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.
- Underfloor heating must have dilated at least 48 hours before installation.

Primer

Extremely absorbent supports should be primed beforehand with **Primer WB** or **Primer PU Turbo**.

Parquet sizes

Maximum slenderness factor for solid parquet (= ratio width / thickness) = 12.8. Tested according to standard NF B 54 008 on solid oak 180 mm wide and 14 mm thick; FCBA Report N ° 2018.290.1080.

Application

- Use in well-ventilated rooms. Good ventilation is important during application and vulcanisation of the product.
- **Parabond Parquet 440** should be applied to the base with an adhesive scraper. Apply the adhesive with a coarsely serrated adhesive trowel.
- The adhesive exposure time is approximately 35 minutes (at 23°C and 50% R.H). It is therefore important not to apply too much adhesive in one stroke. Slide the parquet into the wet adhesive on the base and tap with a rubber hammer. The material can at this stage still be adjusted, just push it down well.
- If necessary, the parquet could be slightly loaded to ensure perfect spread of the adhesive. Many wood species should be tamped down from above. Parquet without tongue and groove should be rolled down using a cylinder roller.
- The gap between the wall and the parquet must be at least 10-15 mm.
- After 24 hours, walking on parquet and sanding can be done.

Consumption in full-surface bonding

700 - 900 g/m ² with B3 serrated trowel	Pre-manufactured parquet systems/planks, lamparquet, mosaic parquet
900 - 1200 g/m ² with B11 serrated 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.	

Tooling

If desired, smooth finishing can be done using **DL 100** or **scraper**.

Cleaning

Any adhesive that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried, can be removed using **Parasilico Cleaner**, dried glue can only be removed mechanically.

SAFETY

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

LIMITATIONS

- As there is an extended range of parquet floors on the market (pretreated or not), you have to make sure that the product is suitable for the intended application; if necessary the product has to be tested beforehand on the material.
- Do not use on PE, PP, PA, Teflon® and bitumen supports and on bases treated with certain soaking agents containing synthetic materials.

TECHNICAL APPROVALS



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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