Technical data sheet

PARABOND PARQUET 440



CHARACTERISTICS

- 1-component parquet adhesive
- Ready-to-use
- Excellent stance (adhesive lines remain stable)
- Very easy to apply
- Powerful and permanently elastic: absorbs the working movement of parquet floors
- Parquet can be treaded after 24 hours
- Better acoustic comfort
- Low odour
- Solvent, water, isocyanate and phthalate free
- Suitable for all composite parquet that complies with the EN 13489 standard
- Solid parquet: suitable for dimensions up to 180 mm wide and 14 mm thick and slenderness factor up to 12.8 (tested on solid oak according to NF B54 008 - FCBA report)
- Solid parquet: suitable for dimensions up to 200 mm wide and 20 mm thick and slenderness factor up to 10 (tested on solid oak according to NF B54 008 - FCBA report).
- Elastic parquet adhesive according to EN ISO 17178

APPLICATIONS

- Suitable for solid parquet, multi-layer parquet, mosaic parquet, industrial parquet (slat on side/slat on edge), lamparquet, chipboards and OSB.
- Suitable for the most common types of wood and particularly suitable for problematic woods such as beech, maple and bamboo.
- For both absorbent and non-absorbent surfaces.
- Suitable for solid oak parquet up to 200x20 mm.
- 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	Hybrid polymer
Density (g/ml)	1.67
Shear strength (N/mm²)	1.5
Temperature resistance	-40°C - +70°C
Curing system	Curing by air humidity
Sandable after	24 - 48 h
Walkable after	24 h
Working time at 23 degrees C and 50% R.H.	35 minutes
Temperature product when applying	Minimum +15°C
Shore A hardness: ISO 868	40
Tensile strength: ISO 37 (N/mm²)	1.5
% Elongation at break: ISO 37	250
Dry matter content	±100%
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

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DL CHEMICALS Since 1936 Manufacturer of Sealants

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bucket 15kg - 33 pieces/pallet Beige
bucket 2x 7,5kg - 33 pieces/pallet Beige
box 3x 7,5kg - 36 pieces/pallet Beige

METHOD OF USE

Preparation

- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- 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 of 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).
- Surfaces that are not sturdy or compact enough must be reinforced with Primer WB, Primer PU Turbo or Hydroblocker 2K.

Primers

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

Application

- The product should be applied directly to the substrate with a coarsely serrated adhesive trowel. The adhesive must be spread evenly over the entire surface.
- Please note the working time of the adhesive. Don't apply too much adhesive in one stroke.
- 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.
- The gap between the wall and the parquet must be at least 10-15 mm.
- 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.

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Consumption

The values below apply to full-surface bonding.

- Prefabricated parquet systems/planks, lamparquet, mosaic parquet: 700-900 g/m² with notched trowel B3
- Solid parquet, prefabricated slats/panels, industrial parquet, chipboard and OSB: 900-1200 g/m² with notched trowel B11 and 1200-1500 g/m² with notched trowel B16
- For bonding long, wide planks and on uneven surfaces, it may be necessary to use a coarser toothing to prevent hollow spots in the adhesive bed.

Cleaning

- Any adhesive seeping along the edges can be removed with a spatula. Uncured adhesive residues can be removed using Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes
- Tools, surfaces and uncured residues can be removed with Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- 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 permanent submersion.
- Not suitable for use on butiminous surfaces.
- 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 application outside.
- 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.

TECHNICAL APPROVALS AND QUALITY LABELS

- GEV Emicode EC1plus label: very low VOC emissions
- French VOC emission class A+
- FCBA - Glue for parquet behavior according to NF B 54008 standard

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