



DL CHEMICALS
Parabond
PARQUET 200

Parabond Parquet 200

Super strong, semi-elastic and quick drying adhesive for all parquet floors

Product:

Parabond Parquet 200 is a one-component, universal, semi-elastic and ready to use Hybrid Polymer based adhesive which is extremely strong when dry. Parabond Parquet 200 dries extremely fast and one can tread on the parquet after curing for 8 hrs. Suitable for use on both absorbent and non-absorbent bases.

Applications:

Find extensive use in massive and pre-manufactured parquet systems (laths, planks, panels, plates), mosaic parquet, industrial parquet, laminated parquet, wooden paving (residential) as well as chip board & OSB. Extremely suitable for use as a universal adhesive for all parquet floors for gluing horizontal (and vertical) floors. Parabond Parquet 200 bonds without primer on almost all materials occurring in the building industry, such as aluminium, galvanized and stainless steel, concrete, brick, wood, glazing, etc.

Examples of applications are:

- Gluing of mosaic, planking parquet etc.
- Bonding skirting boards
- Covering lifts with parquet or aluminium panels

Parabond Parquet 200 adhesive is not suitable for gluing PE, PP, PA, Teflon® and bitumen. Proper ventilation during processing and hardening is important.

Characteristics

- Ultra rapid strength build up
- As strong as a 2k PU-glue
- Bonds even on moist supports
- Solvent, water and isocyanate free
- Lasting elasticity
- Extremely high bonding capacity
- Powerful, but elastic glued groove
- Excellent to work on, easy to spread
- Elastic, suitable for contact sound proofing
- Works on most of the usual wood types
- Absorbs the working movement of parquet floors
- Particularly suitable for problematic wood, such as beech, maple and bamboo
- Suitable for bonding parquet floors to old ceramic tiles
- Suitable for use with floor heating
- Adhesive can be sanded down

This version replaces all previous versions. All advice, recommendations, figures and safety instructions are based on careful research and current state of our experience. Although the documentation was done with the greatest care, we do not accept responsibility for incorrect information, mistakes or printing errors. Since the design, condition of the base and the circumstances of application fall outside our assessment, no liability can be accepted based on this documentation for work done. We therefore advise the customer to do his own practical tests on site. Our general sales conditions apply.

Surface preparation and sealant application:

Base component: It must be fixed and rigid enough. The moisture content of the support should be measured using a carbide meter or a digital hygrometer and be compared to the maximum value as specified by the flooring manufacturer (this is according to the NIT 218 of WTCB a maximum of 2,5% for cement floors and 0.6% for anhydrite). The parquet should preferably be left in the original packaging in the relevant space to acclimatize for a few days. Check the humidity of the wood for installation and compare this with the value specified by the manufacturer. Installation is strongly discouraged below 7% or above 11% wood humidity. Extremely porous supports should be primed beforehand using *Parquet Adhesive Primer*.

Pre-treatment: The materials to be glued must be clean, dust and grease free. If necessary, degrease using Parasilico Cleaner, MEK, alcohol, or ethanol. It is advisable to do bonding tests. It is the user's responsibility to check whether the product is suitable for his application. Our technical department could be consulted, if necessary.

Application: Parabond Parquet 200 should be applied to the base with an adhesive scraper. Apply the parquet adhesive to a dry, clean, dust and grease free support, without any loose layers. Irregularities such as old adhesive residues should be removed mechanically. Uneven floors should be levelled first using a levelling layer. Smooth base (such as anhydrite) should preferably be sanded first, to improve the contact surface. It is advisable always to do a bonding test on every base. Apply the adhesive with a coarsely serrated glue scraper (5 mm). Take note that the adhesive exposure time is approximately 30 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. After 8 hours, walking on parquet and sanding can be done.

Base temperature:

When laying and until the Parabond Parquet 200 is completely dry, the base and ambient temperature must be at least +15°C, maximum +20°C with floor heating (except full surface gluing). For support temperatures, the standard instructions of the NIT 218 of the WTCB apply.

Ambient temperature:

- Room temperature should fall between +15°C and +35°C. For ambient temperatures, the standard instructions of the NIT 218 of the WTCB apply.
- Parabond Parquet 200 Adhesive can be applied straight from the packaging to the prepared support and can then be spread evenly using a glue scraper. The parquet parts should be pushed into the adhesive carefully to ensure a tight full-surface bonding. It is often necessary to tamp down the parquet parts. 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.



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- To ensure better processing of the adhesive, its temperature should be at least +15°C. To ensure proper drying of the adhesive, adequate ambient air humidity is necessary in the area.
- 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, Teflon supports and on bases treated with certain soaking agents containing synthetic materials. Pre-testing is necessary

Removal of surplus adhesive:

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.

Adhesive Requirements

Use in full-surface gluing:

- 600-800 g/m² with B3 serration (according to the IVK directives) (pre-manufactured parquet systems / planks, laminated parquet, mosaic parquet)
- 750-1000 g/m² with B6 serration (according to the IVK directives) (solid parquet, pre-manufactured laths / panels, industrial parquet, wooden flooring (residential), chip board & OSB).
- 950-1000 g/m² with B11 serration (according to the IVK directives) (solid parquet, pre-manufactured laths / panels, industrial parquet, wooden flooring (residential), chip board & OSB).
- For bonding long, wide planks and on uneven supports, it may be necessary to use a coarse serration to prevent hollow areas in the adhesive base.

Packaging:

Pots of 7kg or 15 kg

Storage and stability:

Keep in a dry and cool place in sealed packing. Shelf life is 12 months in the sealed packing between +5°C and +25°C. Shelf life of open packing is limited.

Certificate:

- GEV EMICODE: EC1 plus certificate

Safety:

Please refer to safety data sheet which is available on request.



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Technical data:

Basic ingredient:	Hybrid Polymer
Curing system:	By means of humidity
Curing speed:	2.5 to 3 mm/24 hours at 23°C and 50% R.H.
Number of components:	1
Skin formation time:	35 minutes at 23°C and 50% R.H.
Density:	1.60 g/ml approx. (ISO 1183)
Shore A hardness:	58 (+/- 5) (ISO-868)
Modulus at break:	1.8 N/mm ² (ISO-37)
Elongation at break:	120% (ISO-37)
Shearing force:	2,1 N/ mm ² (DIN 53283)
Solvent content:	0%
Isocyanate content:	0%
Dry matter content:	100% approx.
Processing temperature:	+5°C to +40°C (do not process below +5°C.)
Temperature stability:	-40°C to +90°C
Moisture resistance:	extremely good
Frost stability:	not sensitive to frost

Information application:

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