PARACOL WOOD D3

CHARACTERISTICS

- One-component white glue
- On the basis of polyvinyl acetate
- Exceptional adhesion strength
- High water resistance

APPLICATIONS

- Can be used on most kinds of wood, even exotic, but not on bleeding wood.
- With **Paracol Wood D3**, bonds can be made that are conform to the resistance groups D3 according to DIN 68602, when the glue is applied on both sides and when the glue is exposed to the air during a short period of time (± 3 minutes).

TECHNICAL CHARACTERISTICS	
Solid contents	52 +/- 1%
Density (20°C)	1,09 +/- 0,01 g/cm³
Minimal temperature for skin-forming : DIN 43787	+/- 5°C
pH	3
Outlook of the skin	Transparent
Breaking resistance	After 5 min : 3,3 N/mm²: DIN 53787 After 15 min : 6,2 N/mm² After 30 min : 7,2 N/mm²
Breaking resistance D3 Norm (after 7 days at 23°C and 50% R.H.) : DIN 53787	15 N/mm²
Breaking resistance D3 Norm (after 7 days at 23°C and 50% R.H. and 4 days immersion in water) : DIN 53787	3 N/mm²
Breaking resistance D3 Norm (after 7 days at 23°C and 50% R.H. and 4 days immersion in water and 7 days at 23°C and 50 % R.V.) : DIN 53787	> 10N/mm²
Viscosity (Brookfield spindle 5, 10 RPM)	11.000 mPa s
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months
Temperature resistance	-20°C - +70°C

PACKING
12 squeeze bottles of 250 g/box - 36 boxes/pallet
12 squeeze bottles of 750 g/box - 36 boxes/pallet
Bucket 5 kg - 108 buckets/pallet
Bucket 10 kg - 27 buckets/pallet
Bucket 25 kg - 12 buckets/pallet
IBC Containers 1000 l - on demand

METHOD OF USE

Preparation

All surfaces need to be dry, clean and free from dust of grease. When necessary, degrease with **Parasilico Cleaner,** MEK, alcohol or ethanol. It is recommended that adhesion tests be carried out to determine the suitability of the product for its application. When in doubt, contact our technical support service

DL Chemicals nv
Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium
T +32 56 62 70 51 - F +32 56 60 95 68
info@dl-chem.com - **www.dl-chem.com**

Application

- Stir well before use
- Apply thinly on one or both sides (150-200 g/m²)
- After the application of the glue let dry for approximately 5 minutes
- Bring the parts together and press together during 20-30 minutes (depending on the temperature and the kind of material)

SAFETY

Safety data sheet available on request.

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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TECHNICAL DATA SHEET

PARABOND PARQUET 300

CHARACTERISTICS

- MS Hybrid Polymer based parquet adhesive
- Extremely strong when dry (as strong as a PU-glue)
- Dries fast: one can tread on the parquet after curing for 24 hours
- Excellent to work on, easy to spread
- Solvent, water, isocyanate and phthalate free
- Permanently elastic, absorbs the working movement of parquet floors
- Elastic, suitable for contact sound proofing

APPLICATIONS

- Suitable for use on both absorbent and non-absorbent bases. Suitable for bonding parquet floors to old ceramic tiles
- Works on most of the usual wood types, particularly suitable for problematic wood, such as beech, maple and bamboo
- 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 (mosaic, planking parquet etc.) and skirting boards, covering lifts with parquet...
- Bonds without primer on almost all materials occurring in the building industry, such as aluminium, galvanized and stainless steel, concrete, brick, wood, glazing, etc.

TECHNICAL CHARACTERISTICS	
Basic ingredient	MS hybrid polymer
Curing system	By means of humidity
Number of components	1
Open time (23°C and 50% R.V.)	30 min
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm/24 h
Density : ISO 1183	1,69 g/ml
Processing temperature	+5°C - +40°C
Room temperature at application	+15°C - +35°C
Adhesive temperature	+15°C
For ambient temperatures, the standard instructions of the NIT 218 of the WTCB apply.	
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	100%
Modulus at break : ISO 37	1,1 N/mm²
Shearing force: DIN 53283	1,5 N/mm²
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 COLOURS
Bucket of 7 kg - 55 buckets/pallet - not available from stock
Bucket of 15 kg - 33 buckets/pallet
Bucket of 2 x 7,5 kg - 33 buckets/pallet - not available from stock

DL CHEMICALS Since 1936 Manufacturer of Sealants

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METHOD OF USE

Preparation

Apply the parquet adhesive to a dry, clean, dust and grease free support, without any loose layers. It must be fixed and rigid enough 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. 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.
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.

Primers

Extremely porous supports should be primed beforehand using **Parquet Primer.**

Application

- **Parabond Parquet 300** should be applied to the base with an adhesive scraper. Apply the adhesive with a coarsely serrated glue scraper (5 mm).
- 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. 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.

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 B5 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.

Tooling

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

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 refer to safety data sheet which is available on request.

LIMITATIONS

- Not appropriate for use with underfloor heating
- 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.
- Proper ventilation during processing and hardening is important.

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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