



## CHARACTERISTICS

- MS Hybrid Polymer based parquet adhesive
- Suitable for use with underfloor heating
- If applied with the special comb for moisture barrier, this adhesive is also a permanent barrier against rising humidity
- 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 and isocyanate 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 and for use with underfloor heating.
- 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, plank-ing 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
Skin formation time (23°C and 50% R.V.)	80 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/mm <sup>2</sup>
Shearing force: DIN 53283	1,5 N/mm <sup>2</sup>
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

## PACKING AND COLOURS

Bucket of 7 kg - 55 buckets/pallet - on demand and per full pallet

Bucket of 15 kg - 33 buckets/pallet - on demand and per full pallet

Bucket of 2 x 7,5 kg - 33 buckets/pallet - on demand and per full pallet

## 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 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. Underfloor heating must have dilated at least 48 hours before installation.

### Primers

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

### Application

- **Parabond Parquet 480** should be applied to the base 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/m<sup>2</sup> with B3 serration (according to the IVK directives) (pre-manufactured parquet systems / planks, laminated parquet, mosaic parquet)
- 750-1000 g/m<sup>2</sup> 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/m<sup>2</sup> 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.
- 2000 g/m<sup>2</sup> in combination with the special comb for moisture barrier (article number 2000003D000003).

### 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

- 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

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\* 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).