



Nibofloor PK 100

HYBRID ADHESIVE FOR PARQUET

TECHNICAL DATA SHEET

SMART PRODUCT ADVANTAGES

- solvent-free and silicone-free
- good rib structure
- universal and save application
- anhydrous – no swelling of wood after laying
- remains elastic after curing – compensates swelling
- odourless
- ready to use – no mixing

FIELDS OF APPLICATION

Solvent-free, single-component adhesive for flexibly bonding mosaic, two-layer and three-layer ready-made parquet flooring according to DIN EN 13489 on absorbent and non-absorbent substrates such as cement screeds, calcium sulphate floor screed and substrates made of suitable filler.

PREPARING THE SUBSTRATE

The substrate must comply with the requirements of DIN 18356, "Laying of parquet flooring", i.e. it must be plane, permanently dry, clean, free from cracks, resistant to tensile force and pressure, and must be prepared professionally to be ready for covering. Please refer to special requirements on the substrate for parquet and the preparation in the technical product information issued by the parquet manufacturer.

Cement-based screed (ZE) with direct bonding:

Vacuum the ground cement-based screed carefully using an industrial vacuum cleaner. Do not use primer.

Calcium sulphate floor screed (CAF) with direct bonding:

Ground the CAF according to the current BEB Technical Instruction Sheet and vacuum it carefully using an industrial vacuum cleaner. Do not use primer.

Mastic asphalt screed (GE) with direct bonding:

Vacuum the new, well gritted GE carefully using an



industrial vacuum cleaner. Do not use primer. Apply NIBOGRUND E 30 as primer on old GE and then, spread BOSTIK Quarzsand on it when still fresh. If the above mentioned substrates do not meet the requirements of DIN 18202, "Tolerances in Building Construction", they have to be prepared using suitable primers and fillers.

APPLICATION

Use a toothed spreader to apply NIBOFLOOR PK 100 evenly to the subfloor, immediately lay the floor element on the adhesive bed and tap it in place thoroughly. Immediately remove any adhesive spillage from the parquet using a polishing wax for instance. Observe the instructions given by the parquet manufacturers, paying particular attention to laying instructions and the adhesive properties of the flooring used.

STORAGE

Shelf-life is 6 months in the sealed original packaging.
Store in a cool, dry place between 5 °C and + 25 °C.

PACKAGING

Item-No. 30821498: 2 x 7 kg aluminium bag
Item-No. 30821499: LB1 17 kg bucket
Item-No. 30821500: LB2 17 kg bucket

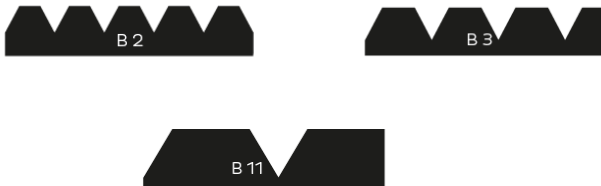
GISCODE

RS 10 (These adhesives are substitute substances for highly solvent based laying materials whose workplace limits are exceeded when processed (GISCODE S 1 – S 6).

GEV-EMICODE

EC 1 R – very low emission

RECOMMENDED TROWEL NOTCH SIZE



These instructions reflect the extent of our current knowledge and are the result of extensive testing and practical experience. Due to the large number of the possible applications and storage and processing factors over which we have no control, we cannot guarantee good results in each individual case. We recommend testing the product first before final application. Slight discolouration of sealants can occur under UV-radiation. Slight colour differences between the batches are possible through the production process. No liability can be accepted for absolute colour fidelity. Use material of the same charge-number for a building object. Our technical and commercial advisory service will be pleased to answer your queries.

This data sheet supersedes all previous issues.

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TECHNICAL SPECIFICATIONS AND DATA

Material basis	Silane-terminated polymers
Colour	beige
Viscosity	easy to spread, non-slump
Specific weight	1.75 g/cm ³
Open time (+23°C / 50% rel. humidity)	approx. 40 minutes
Conditions of processing	Preferably between +18°C and +23°C; substrate temperature not below +15°C, air temperature not below +18°C. Not more than 65 % relative humidity.
Recommended trowel notch size	B2: ca. 750 g per m ² B3 – B5: ca. 1100 g per m ² B5-B11: ca. 1250 g per m ² Mosaic and two-layer parquet flooring (8 mm thick, shorter than 40 cm): B2 Short elements of ready made two-layer parquet (max. 100 cm): B3 – B5 Ready made two-layer parquet shaped like floor boards (max. 225 cm), ready made three-layer parquet shaped like floor boards (max. 225 cm), large-sized floor boards should be loaded at the ends, if necessary: B5 – B11 The notch shapes listed above are purely indicative; the final choice of notch shape will be decided by the exact conditions on site and depends on the smoothness of the substrate, the length of the parquet elements and the condition of the underside of the parquet. In each case, make sure that the underside of the parquet is always coated sufficiently.
Loadable	after approx. 24-48 hours, depending on room temperature and humidity
Surface treatment	after 48 hours at the earliest
Suitable for use on underfloor heating	Yes – Consider the applicable leaflets and the additional instructions issued by the Zentralverband des deutschen Baugewerbes
Cleaning of tools	For non-cured adhesives: SOLVENT 250

BOSTIK HOTLINE

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