



Parfix Elastic

UNIVERSAL ELASTIC HYBRID ADHESIVE

TECHNICAL DATA SHEET

SMART PRODUCT ADVANTAGES

- Adheres to nearly all substrates
- High adhesive strength with good rib structure
- Can be spread well

FIELDS OF APPLICATION

Solvent-free one-component adhesive as per DIN EN 14293 and ISO 17178 for elastic bonding of the following types of parquet:

Mosaic parquet: Mosaic parquet cubes, 8 mm thick, mosaic parquet bond 8 mm thick

Multi-layer parquet: multi-layer parquet 70 x 500 mm, multi-layer parquet >70 x 500 mm, multi-layer floor boards < 250 cm, multi-layer floor boards > 250 cm

Massive wood parquet elements: strip parquet up to 22 mm thickness, 10 mm solid wood parquet, panel parquet, solid-wood floor boards < 120 cm long, solid-wood floor boards > 120 cm long

Vertical finger: vertical finger 22 mm, vertical finger 10, 15 mm

Lamparquet elements: lamparquet elements raw, up to 55 x 250 mm, at least 10 mm thick

Wood paving: wood paving RE/WE

Laminate floorings

On absorbent and non-absorbent substrates, such as cement screed, calcium sulphate floor screed (self-levelling) and on substrates that have been filled with suitable surface 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.

Cement-based screed (ZE) with direct bonding:

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

Calcium sulphate floor screed (CAF) with direct bonding:

Sand back 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 sanded GE carefully using an



industrial vacuum cleaner. Do not use primer.

Apply NIBOGRUND E 30 PLUS as primer on old GEs and then spread BOSTIK Quarzsand on it

as long as it is 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 surface fillers.

APPLICATION

PARFIX ELASTIC is evenly applied on the subfloor using a toothed spatula or a suitable industrial tool for application. Immediately place the floor element in the adhesive bed, and tap firmly into place. Check larger sizes immediately for cavities and, if necessary, put weight on it until the adhesive has cured. Immediately remove any adhesive spillage from the flooring using a polishing wax or a similar product. Observe the instructions given by the parquet or laminate floor manufacturers, paying particular attention to laying instructions and the adhesive properties of the flooring used. **To ensure durable bonding make sure that the parquet is installed with a mounting humidity that nearly refers to the planned usage, e.g. 9% for solid parquet and 8% for multi-layer parquet.**

Please observe the technical information sheets, 1 "Bonding of parquet" and 8 "Assessment and preparation of substrates for flooring and parquet laying works" issued by TKB, the lying instructions issued by the parquet manufacturers, as well as the good building practice and the applicable standards, directives and the technical information sheets.

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. 30821232: 5.5 kg bucket
Item-No. 30606116: 17 kg bucket

GISCODE

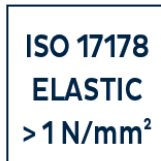
RS 10 (These adhesives are substitute substances for highly solvent based laying materials whose workplace limits are exceeded when processed (GISCODE S 1 – S 6).

GEV-EMICODE

EC 1 R PLUS - very low emission
DIN EN 14293, ISO 17178

Universal, elastic hybrid adhesive as per DIN EN 14293, ISO 17178 for parquet and laminate floor.

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 1 C – moisture curing
Colour	light brown
Viscosity	easy to spread, non-slump
Specific weight	1.7 g/cm ³
Time before curing (+ 23 °C/50 % r. H.)	approx. 30 minutes
Conditions of processing	Best between +18°C and +23°C; substrate temperature at least +15°C. Air temperature at least +18°C. Not more than 65 % relative humidity.
Recommended trowel notch size	B3: ca. 750 - 850 g per m² B11: ca. 950 - 1150 g per m² B12: ca. 1050 - 1250 g per m² B15: ca. 1150 - 1350 g per m² Mosaic parquet - cube, 8 mm thick, B3 Mosaic parquet - bond, 8 mm thick, B3 Vertical finger 22 mm, B3 Vertical finger 10, 15 mm, B3 Multi-layer parquet 70 x 500 mm, B11 Strip parquet up to 22 mm thick, B11 10 mm solid wood parquet, B11 Panel parquet, B11 Lamparquet elements raw, up to 55 x 250 mm, at least 10 mm thick, B11 Laminate floorings, B11 Multi-layer parquet >70 x 500 mm, B11/B12 Multi-layer floor boards < 250 cm, B12/B15 Solid-wood floor boards < 120 cm long, B11/B12 Wood paving RE / WE, B11-B15 Multi-layer floor boards > 250 cm, B15 Solid-wood floor boards > 120 cm long, B12/B15 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
Surface treatment	after 48 hours at the earliest, depending on the type of parquet, absorbency of substrate and room
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 not cured adhesive: SOLVENT 250

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