



SOLID WOOD PARQUET

Product description

Bauwerk bonded parquet, also known as mosaic parquet, consists of single strips of solid wood, sawed and glued to a net-underlay.

Dimensions:	160 × 23 × 8 mm
Laying strips:	320 × 640 mm
Laying patterns:	mosaic, parallel, English
Variation:	On-edge parquet
Dimensions:	160 × 8 × 23 mm / 160 × 8 × 10 mm
Laying strips:	320 × 160 mm with adhesive strips
Laying pattern:	Bonded installation only with an appropriate adhesive onto a suitable subfloor.

Please see our additional information sheets about installation on top of underfloor heating/cooling systems, cleaning and care, and preparation of the base surface in the Bauwerk competence section at bauwerk-parkett.com

Suitable subfloors

Bauwerk solid wood parquet can be installed onto appropriately prepared sublayers. These include: cement and calcium sulphate screeds, calcium sulphate flow screeds, wooden composite panels, poured asphalt and dry screed elements. Please contact our Application Technology unit if gluing parquet onto old base surfaces.

Existing fabric or elastic underlays are not suitable subfloors and must be completely removed before installation. The base surface must meet the requirements for parquet installation (flatness, surface strength, absence of cracks, cleanliness, dryness, etc.) specified in standards SIA 253, DIN 18365, Önorm B 5236, DIN/Önorm 18202, and must be inspected prior to installation.

Bauwerk solid wood bonded parquet cannot compensate for any differences due to unevenness or sloping, which must be corrected prior to installation. Any unevenness in excess of the tolerances must be eliminated using putty.

Bauwerk solid wood bonded parquet is suitable for installation on subfloors with radiant heating systems. Therefore, the installation instructions must be carefully followed, being certain that the moisture level of the subfloor complies with the prescribed limits.

Moisture content value table

	SIA 253 and manufacturer's instructions	DIN 18365 / Önorm B 5236
Unheated cement screed	2,3 %	2,0 %
Heated cement screed	1,5 %	1,8 %
Unheated calcium screed	0,5 %	0,5 %
Heated calcium screed	0,3 %	0,3 %
The CM method is used as per TKB data sheet No 16		
Using the KRL method as per TKB data sheet No 18		
Unheated mineral base surface	max. corresponding relative air humidity 80 %	
Heated mineral base surface	max. corresponding relative air humidity 75 %	

Necessary tools

- › Saw
- › serrated trowel
- › folding ruler
- › guide slat
- › wood mallet
- › sander
- › tools for lacquering.

Suitable adhesive

Bauwerk recommends an appropriate dispersion adhesive with low swelling characteristics. Silane-based adhesives may only be used with lacquered surfaces if the lacquer is appropriate for the adhesive, and there is no possibility of plasticiser migration. You can find the optimal adhesive in the table.

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Installation

Direction, lines of reference: in regularly sized rooms, installation generally begins along the wall opposite of the door. In rooms which are not square you should begin along the longest wall, if possible. Depending on the room layout it is possible to divide the area.

Draw a reference line at a distance of 1 to 3 times the width of the strips, plus 5–10 mm from the chosen wall. The distance from the wall should always be approx. 10 mm, regardless of the size of the room. Near thresholds, cover trim, fireplaces, tiles, etc. the parquet can be in direct contact. The last row of parquet is to be left open and glued a few hours later.

Near door frames, pillars etc. one must keep the risk of sound propagation in mind. Applying the adhesive: spread the adhesive using the suitable serrated trowel, following the manufacturer's instructions. Use only an amount of adhesive that is necessary for installing the number of strips that can be installed while the adhesive remains open, being certain to apply evenly. Never use too much adhesive as it could cause the wood to swell.

To ensure precise installation, mark the area with additional reference lines. Position the single strips in the bed of adhesive with the mesh net facing downwards, striking the surface firmly with the wood mallet.

When using On-edge parquet, the adhesive tape will be removed later. The better the surface is levelled out between the single strips, the easier the sanding process will be later.

Sanding

After the parquet has dried (24–72 hours after installation, depending on the type of adhesive) the floor can sanded.

Important installation tips

- › Handle boxes containing parquet carefully to avoid damaging them.
- › Keep away from moisture.
- › Open the boxes only shortly before installation.
- › Bauwerk parquet is natural product. If the humidity level is too high, the floor will absorb too much moisture from the air, causing it to swell. Consequently, installation should not be performed in rooms with more than 75 % relative air humidity.
- › During installation the room temperature should be at least 18 °C (64.4 °F) and the temperature of the material should not be below 15 °C (59 °F).
- › Carefully press down on the side areas, even with the use of weights, since this is the point where subfloor's irregular areas are most clearly noted. To ensure precise bonding, use suitable weights during the adhesive drying process (1–2 hours for Bauwerk F5 dispersion adhesive).
- › Solid wood parquet floors should not be walked on during the first few hours after installation.
- › Check the parquet elements for visible defects or damage in natural lighting. Do not install elements with visible defects or damage.

When installing, pay attention to batch consistency and even wood grading appearance. The more rustic the grading is, the more packages must be opened to create an even grading appearance. Deviations from our grading classes must be claimed before installation. For this, check our grading pictures on www.bauwerk.com, or if in doubt, contact your contract partner. No claims will be accepted for installed elements with optical defects.

General indications

- › For those types of wood, which expand and contract considerably (such as beech), larger gaps can appear in winter. By humidifying the air and maintaining a healthful room climate (20 to 22 °C (68–72 °F) and during heating period 35 to 45 % humidity), you can reduce the amount of this contraction.
- › Intense sunlight can lead to a natural change in the colour shading of the wood.
- › To keep the parquet clean, be certain to place rugs and doormats near the entrance.
- › The use of adhesive felt pads beneath chairs, tables and chairs will prevent scratches and unsightly marks from appearing on the parquet surface.
- › Place a clear plastic mat beneath the wheels of office chairs to protect the floor from localised wear.