

Laying instructions for bonded parquet

Prefinished 2-layer parquet

Product description

Bauwerk Parkett prefinished 2-layer parquet is available in the following models: Multipark, Monopark, Solopark, Unopark, Studiopark, Cleverpark, Trendpark, Vectorpark, Villapark and Silverline Edition.

The surfaces of the strips are sanded in the factory, treated with a natural oxidation-cured oil or treated with an acrylic lacquer that do not contain solvents or formaldehyde. The strips are made with high precision tongue and groove joints. They are installed exclusively with the bonding technique over suitable subfloors.

Suitable subfloors

2-layer pre-finished parquet by 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.

The 2-layer prefinished parquet cannot help in levelling an uneven flooring base. These requirements must already be met by the subfloor. Unevenness beyond the permissible flatness tolerances must be levelled by filling.

Prefinished 2-layer 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 or chalked string
- wood mallet
- weights
- damp cloth

Appropriate adhesive

We recommend using silane adhesives by Bauwerk Parkett or an appropriate dispersion adhesive with low swelling characteristics. You can find the optimal adhesive in the table.

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Installation

Direction, lines of reference: for shipdeck or English pattern, for best results the long side of the strips should be installed following the direction of the incoming daylight. Lay the first reference row of 2 to 6 strips at a distance of 5–15mm from the chosen wall using a guide slat or chalked string. The wall clearance can vary depending on the product group, installation conditions, or type of adhesive. Applying the adhesive: spread the adhesive using a suitable serrated trowel, following the manufacturer's instructions. Only use the amount of adhesive that is necessary for installing the number of strips that can be laid in the time available, being certain to apply it evenly. Never use too much adhesive (e.g. in an effort to even out the surface). In order to achieve an exact spreading of the adhesive use reference lines.

For more complex installations, it is advisable to draw up a laying plan or parts list. This is to ensure that the desired installation pattern is achieved and that the material received is correct in terms of quantity and proportions. It is also important to ensure that the correct quantity of left and right-hand belts are ordered in accordance with the installation pattern. The starting point of the installation differs depending on the installation method and direction. For larger areas and a design installation, it may be advisable to start in the middle of the room and measure the room from there. These points should be clear from the installation plan. A cord marker or a straightedge will help you to measure and lay the floor precisely. During installation, it is advisable to mark off the used elements on the plan. Right from the start of installation, the greatest precision must be maintained when laying the elements together and adjusting the sides to be joined. Inaccuracies can add up. After laying the first row and readjusting, we recommend allowing the adhesive to set so that there is no more shifting. When laying samples, additional weighting with weights may increase the laying effort. The slightly greater longitudinal curvature caused by the production process must be compensated for with some laying patterns and products such as parallel, herringbone etc. by using additional load bars or weights during the setting phase of the adhesive. The rest of the surface can then be laid with the appropriate care and precision.

Important installation tips

- Handle boxes containing prefinished 2-layer parquet carefully to avoid damaging the edges.
- Keep away from moisture.
- Open the boxes only shortly before installation.
- Prefinished 2-layer parquet is a 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 fall below 15 °C (59 °F).
- Because of production reasons the boxes can contain some shorter strips. These strips can easily be used as start or end piece or be inserted in the surface.
- Cut-offs from the last strips installed on the end of each row may be used again on the opposite wall, to start the new row.
- Do not apply any adhesive to the tongue and groove areas. Glue that is pushed up occasionally has to be wiped off using a damp cloth before it dries onto the prefinished surface.
- Lay the strip diagonally into the adhesive bed at a distance of approx. 0.5 cm, sliding them into their final position by applying pressure with the hand. It is advantageous to install the strips with the tongue side facing the wall.
- Carefully press down on the side areas, even with the use of weights, since this is the point where the subfloor's irregular areas are most clearly noted. To ensure precise bonding, use suitable weights during the adhesive drying process (1–2 hours for dispersion adhesive F5).
- Prefinished 2-layer parquet floors can also be laid with wall friezes around the circumference and/or with fillet-strips.
- Prefinished 2-layer parquets can be combined with each other (e.g. Unopark).
- Prefinished, 2-layer parquet surfaces should not be walked on during the first few hours after installation.
- The installation of prefinished, 2-layer parquet should be the last construction activity to be performed on site. If this is not possible, the installed floor should be appropriately protected using cardboard or other similar material.
- Be certain that any adhesive tape used for fastening the materials used to protect the floor do not come into contact with the surface as they could damage the parquet finish.
- Damaged strips can be removed and replaced by new strips using a chisel even after the installation is complete. Remove cross tongue and bottom side of the groove and remove any adhesive or other residues from the subfloor.
- Minor defects may be repaired by applying putty or mastic compounds.
- Please follow our advice for initial treatment and edge protection following installation, which is provided in our cleaning and care guidelines.

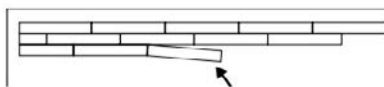
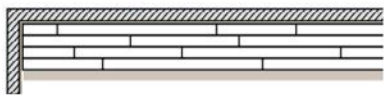
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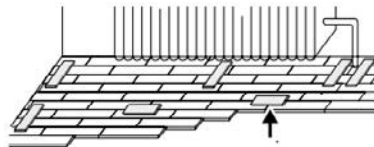
General instructions

- 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 (darkening or lightening). This process is especially enhanced by modern interior design styles with floor to ceiling windows.
- 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.

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



Push the strips



Press the sides and irregular areas together