



## Installation instructions for Bauwerk Formpark

### Product description

Creativity, exceptional laying patterns, unconventional parquet flooring and much more. This is Bauwerk Formpark. Because of the immense diversity, we could not possibly cover all the installation instructions for all the potential types of installation here. Bauwerk Formpark is a 2-layer parquet which has been optimally designed for the creative, full-surface bonding. The highly precise and smooth tongue & groove connection guarantees a perfect and accurate installation. With the left and right planks, creativity knows no bounds.

We recommend that an appropriate initial treatment is carried out after installation. The installation of Bauwerk Formpark should be the last task performed on-site.

### Suitable subfloors

2-layer pre-finished parquet by Bauwerk 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 subfloor must meet the requirements for parquet installation (flatness, surface strength, absence of cracks, cleanliness, dryness etc.) specified in the SIA 253, DIN 18365, Önorm B 5236, DIN/Önorm 18202 standards, and must be inspected prior to installation.

The Bauwerk 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.

Bauwerk 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

- › Parts list
- › plans
- › saw
- › serrated trowel
- › folding ruler
- › guide slat or chalked string
- › wooden mallet
- › weights for ballasting
- › Mops or other suitable cleaning wipes

**Suitable adhesive**

We recommend using silane adhesives by Bauwerk or an appropriate dispersion adhesive with low swelling characteristics. You can find the optimal adhesive in the table. The manufacturer's instructions must always be followed carefully. In difficult design installations make sure that the adhesive has had sufficient setting time.

**Installation**

Direction, lines of reference: For more complex installations, it is advisable to prepare a layout plan or parts list. This is to ensure that the desired effect is achieved and the resulting material in terms of quantity and proportions tallies up. Also, make sure that the correct amount of left and right planks have been ordered to match the final effect. The installation datasheets and calculator on [www.formpark.bauwerk.com](http://www.formpark.bauwerk.com) will help you with your planning and calculations.

The starting point of the installation is different each time as it depends on the type and direction of the installation. For larger surfaces and a design installation, it is advisable to start in the middle of the room and measure the room from there. These points should be evident from the layout plan. A chalk line or guide slat assist in the accurate measurement and installation of the planks. It is advisable to remove any planks already laid from the plan.

The highest precision must already be maintained at the beginning of the installation when abutting the elements and adjusting the converged sides. Inaccuracies will start to build up. After laying the first row and readjusting it, we recommend that you allow the adhesive to harden, so there are no more shifts.

In the case of Formpark Mini, costlier installation must be accounted for due to additional weighing down of components. The somewhat higher longitudinal curvature of the product caused by its manufacture must be compensated by applying additional weights during the setting phase of the adhesive whenever laying the product in certain laying patterns, such as herringbone or parallel.

Then the rest of the area can be laid with the corresponding care and precision.

For walls, we recommend that you build in a gap of 5-10mm for possible expansion. This facilitates the installation. Transitions and sections can be cleanly cut without tension.

If adjustments are necessary by a wall, they can be marked parallel to the contours of the wall on the floorboards. Trim these carefully. Then insert spacer wedges between the floor and wall and weigh down the edge zones. Once the adhesive has dried, they must be removed.

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. In order to achieve an exact spreading of the adhesive use reference lines. During the installation it is recommended that you fix the surface with wedges between the wall and floor.

**Important installation tips**

- › Bauwerk Formpark boxes must be handled with care in order to avoid damages.
- › Open the boxes only shortly before installation.
- › Keep away from moisture.
- › Bauwerk 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, Bauwerk prefinished parquet should not be installed in rooms with more than 75% relative air humidity.
- › During installation the room temperature should be at least 18° and the temperature of the material should not fall below 15°C.
- › Cut-offs from the last strips installed on the end of each row may be used again on other sections.
- › Carefully press down on the edge areas, even with the use of weights, since this is the point where the subfloor's irregular areas are most clearly noted. To ensure a good bonding, use sufficient weights during the adhesive drying process.
- › Freshly installed Formpark surfaces should not be walked on, or as little as possible, during the first few hours after installation.
- › 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.
- › The laying of the Bauwerk parquet should be the last work that is carried out on the site. If this is not possible, the installed floor should be appropriately protected (with fabric cover 1002 2248, or something similar).

- › 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](http://www.bauwerk.com), or if in doubt, contact your contract partner. No claims will be accepted for installed elements with optical defects.

#### 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.
- › 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](http://bauwerk-parkett.com)