

## PREPARK– PREFINISHED, SOLID WOOD PARQUET

### Product description

Prepark in the 480 × 117 × 8 mm format consist of 20 strips in parallel or mosaic patterned assembly, held together with aluminium wires pressed into grooves. The long edges of the strips have tongues and grooves, assuring precise joining of the strips to each other.

The surface is factory-treated with a hard-wearing acrylic lacquer, free of solvents and formaldehyde, cured with UV rays. Prepark Comfort is supplied with an additional 2 mm cork layer to reduce footfall noise. This parquet must be installed on a suitable subfloor with the appropriate adhesive.

### Suitable subfloors

Bauwerk Prepark 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.

Prepark cannot compensate for any differences due to unevenness or sloping, which must be corrected prior to installation. Prepark 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

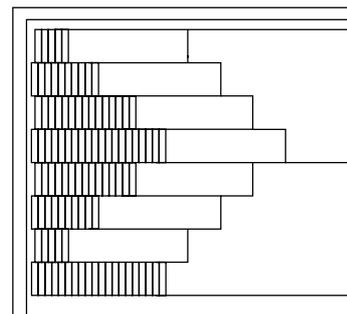
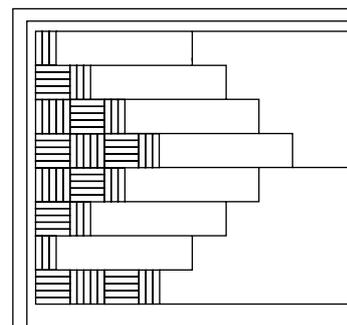
	SIA 253 and manufacturer's instructions	DIN 18365 / Önorm B 5236
Unheated cement screed	2,3 %	2,0 %
Heated cement screed	1,5 %	1,8 %
Unheated calcium screed	0,5 %	0,5 %
Heated calcium screed	0,3 %	0,3 %
The CM method is used as per TKB data sheet No 16		
Using the KRL method as per TKB data sheet No 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
- › Mops or other suitable cleaning wipes
- › Weights for ballasting (e.g. to ballast linoleum)

### 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: 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 4 strips at a distance of 5–10 mm from the chosen wall using a guide slat or chalked string.

Applying the adhesive: spread the adhesive using a 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 laid 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 that the adhesive has been applied properly, the use of reference lines is highly recommended.

### Beginning the installation of Prepark parquet

It is advantageous to begin laying from the first reference line, in the direction of the wall. Arrange the strips with the tongue side facing the wall, which will make it easier to remove spare adhesive in front of the last row of strips in the event that work is interrupted.

The ratio of the strips must be maintained from row to row, according to the chosen pattern. This can be achieved by breaking off parts of the strips adjacent to the cross wall. Laying in the direction of the opposite cross wall is then continued with whole strips. With this recommended working method, the correct pattern is obtained automatically.

### Beginning the parallel installation of Prepark parquet

Follow the same steps for mosaic installation, with the difference that the lamella strips of adjacent rows and strips are not exactly aligned, but staggered to each other.

### Important installation tips

- › Handle boxes containing Prepark parquet with care to avoid damaging the edges.
- › Keep away from moisture.
- › Open the boxes only shortly before installation.
- › Prepark 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 be below 15 °C (59 °F).
- › A saw can be used for cutting the aluminium wires that join the strips. The wire between the strips can be broken by hand.
- › Cuttings of strips can only be used for the opposite wall (to maintain the match).
- › Do not apply any adhesive to the tongue and groove areas. Glue that is pushed up occasionally must be wiped off using a damp cloth before it dries onto the prefinished surface.
- › Lay the Prepark in the adhesive at a distance of approx. 1 cm, sliding them into their final position by applying pressure with the hand and using a wood mallet.
- › 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).
- › If the distance between the last row and the wall is less than 30 mm, the strips are usually installed lengthwise to the wall.
- › The distance from the walls for surfaces of any size may vary from 5 to 10 mm.
- › Prepark can also be applied directly around fireplaces and tiles, installing them loosely and not positioned too closely together. When installing near door frames, pillars etc. one must consider the risk of poor acoustic propagation.
- › Damaged strips can be removed and replaced by new strips using a chisel once the installation is complete.
- › Minor defects may be repaired by applying putty or mastic compounds suitable for wood.
- › Prepark parquet should not be walked on for the first few hours after installation.
- › The installation of lacquered Prepark 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.
- › Check the parquet elements for visible defects or damage in natural lighting. Do not install elements with visible defects or damage.

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- › Please follow our advice for initial treatment and edge protection following installation, which is provided in our cleaning and care guidelines.
- › 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 [bauwerk.com](http://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)