

TYPES OF FLOATING INSTALLATION PARQUET

Installation Instructions for Casapark with Tongue-and-Groove Joints

Suitable Base Surfaces

Casapark can be installed in a floating fashion on any surface that has been professionally produced and prepared in accordance with DIN/EN standards or the country-specific ÖNORM B 5236 and SIA 253. This includes cement, anhydrite, mastic asphalt and dry screed (mineral board), as well as type P4-P7 particle board according to DIN EN 312 and class 3-4 OSB board according to DIN EN 300. Special surface preparations are necessary when laying on old wooden subfloors. Please note the information provided in the **'Bauwerk Competence Guide' chapter 2 «Old wooden floors»**. Subfloors must always be professionally tested before installation in accordance with the applicable standards.

The subfloor must meet country-specific regulatory requirements for parquet installation (dry, even, solid, crack-free, clean, etc.). If one or more of these conditions are not met, appropriate pre-treatment procedures must be performed.

Casapark is suited for installation on underfloor heating. This requires the use of impact sound insulation with low thermal resistance. Please take into account that, due to the increased heat transmission resistance compared to full-area bonding, the system will react somewhat more slowly. Heating must be evenly distributed over the entire floor surface. The temperature of the parquet surface must not exceed 29 °C at any location, at any time. This also applies near heating pipes, under carpets, etc. The installation rules (in particular the covering readiness verification) must be observed with particular care (see **'Bauwerk Competence Guide' chapter 3 «Substrate preparation»**). If a surface heating system is to be used for cooling as well, floating installation is not suitable.

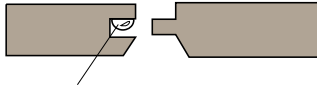
Important Installation Instructions

- Please handle Casapark packaging with care during transport and storage to avoid any damage.
- Store in a moisture-proof environment.
- Excessive indoor humidity can lead to excessive moisture absorption and result in swelling and dimensional changes to the parquet elements. Therefore, please maintain relative humidity below 75% RH during and after installation, with the optimal range being 35–65% RH. The indoor air temperature should be at least 18 °C. The floor temperature should be approx. 18–22 °C if underfloor heating is present. During the winter months, please take into account that with longer transportation, for example, the packages may cool down. The material temperature must then be adjusted to the room temperature in the unopened package prior to installation. If the material temperature is below 15 °C, installation is not possible.
- Do not open the packaging until shortly before installation.
- In rooms without basements, above crawl spaces, in new buildings and over underfloor heating, an ageing-resistant vapour barrier foil with a water vapour diffusion resistance (SD) of at least 100 m must be laid as protection against any rising moisture. The sheets must overlap by at least 20 cm and be pulled up the walls like a trough. In addition, the joints must be tightly taped.
- Wooden sublayers, such as particle board, OBS board or old wooden floor base, must never be covered with vapour barriers. No foil may be laid between the wooden subfloor and the parquet (due to the risk of mould growth).
- For impact sound insulation, a thin impact sound insulation underlay is laid on top of foil. We recommend using Bauwerk cork underlay or Bauwerk Viscoh Air. When using products from other manufacturers, please observe our manufacturer-specific **minimum requirements for impact sound insulation in 'Bauwerk Competence Guide' chapter 6**.
- Casapark with tongue-and-groove joints is approved for floating installation on a floor areas with a maximum length of 12 m and width of 8 m. Installation requires a continuous floor slab without construction joints (structural or movement joints). If such joints are present, they must be incorporated identically into the top layer. Distances to walls or other building components should be dimensioned according to the size of a given room and be around 1.5 mm per metre of installation width, but no less than 10 mm in total. Expansion joints should be installed in doorways. Unfavourable room geometries, such as T, U or L shapes, may require the installation of expansion joints, depending on their size.

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- Parquet in narrow, long rooms, e.g. corridors, should never be laid transversely, but always in the longitudinal direction instead. Furnishings, including door stops or skirting boards, must never be attached to the parquet floor, as this prevents the natural movement of the floor due to fluctuations in the indoor climate conditions. Heavy furnishings, such as fitted kitchens, kitchen islands, built-in cupboards or heating fireplaces, should not be installed onto a floating parquet floor, as these may prevent the parquet floor from moving due to their heavy weight.
- The direction of installation should be based on the primary direction of light, i.e. along the path of incident daylight.
- If, according to preliminary calculations, the last row of planks is narrower than 50 mm, the first row of planks should be sawn narrower in order to widen the last row. This will produce a more visually appealing finish.
- The offset of the end joints between the rows should be at least 40 cm. End joints should be at least 50 cm long to ensure planar stability.
- When using tapping blocks during installation, always make sure that they are laid out in such a way that the top layer is not damaged under any circumstances.
- Glue the boards together using D3 white glue.
Use a bottle to press the glue continuously onto the upper grooved edge of a plank. Glue end joints in the same way. (Consumption approx. 40 to 60 g/m²)



Apply glue to the upper grooved edge

- The parquet elements should be secured against shifting towards the walls using spacer wedges or suitable clamps at a distance of 50-60 cm. Please remove all such implements after completion of the floor surface.
- 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 the evenness of wood grading. The more rustic the grading, the more packages must be opened to produce an even grading pattern. Deviations from our grading classes must be claimed before installation. Please refer to our grading diagrams at www.bauwerk-parkett.com or contact your vendor if in doubt.
No claims will be accepted for installed elements with optical defects.
- The installation of Casapark should be the last task to be carried out on a construction site. If this is not possible, please cover the floor for protection (with fleece covers or similar material). Such covering of parquet floors, especially in new buildings, should always be performed for a short time only. We recommend using our breathable Bauwerk cover fleece for this purpose.
- Adhesive tape for attaching cover material should not be bonded directly onto the parquet surface, as this can result in damage to the surface treatment.

General Notes

- Possible occasional noises (cracking, crackling, creaking) when walking on the parquet surface can only be avoided as best as possible by professional, full-area bonding.
- Strong sunlight leads to a natural change in the colour of the wood (either darkening or lightening). This process is especially intensified by modern construction practices with the use of floor-to-ceiling windows.
- To prevent heavy soiling of the parquet, adequate dirt barriers and clean zones are essential.
- Felt glides under furniture, table and chair legs, etc. will prevent unnecessary scratches and impressions on the parquet surface.
- Laying a transparent floor protection mat under office chair caster wheels will prevent localised wear and tear on the parquet surface. Always only use suitable, plasticiser-free products.

Cleaning and Care

- The Bauwerk cleaning and care instructions are an essential part of these installation instructions.
- The correct cleaning and care is dependent on the product-specific factory surface coatings and must be followed in accordance with our instructions in 'Bauwerk Competence Guide' chapter 10-11 «Cleaning & Care».