

Parqwood

Advice for parqwood installation

To ensure you get complete satisfaction out of your parqwood flooring, please carefully follow the basic installation instructions. For floating installation, technical document DTU 51.11 (December 2009) must be adhered to and, for glue-down installation, DTU 51.2 (May 2009) (French installation rule or other national rule).

Thank you for choosing BerryAlloc parqwood flooring. Because of its high quality, we know that your parqwood will bring you many moments of joy. Your parqwood has gone through many rigorous quality checks during the manufacturing process in order to perfect its assembly and ensure its durability. Before fully appreciating all of its qualities, please remember that:

Our parqwood flooring is made of real wood with its ensuing variations in colour and the characteristic knots found in certain species, which is part of the charm of having a real wood parqwood floor. Depending on their origin and production, the planks may show different variations in tone, even compared to the sample.

Wood is a living material that evolves according to the seasons. It is normal and natural for it to dilate and retract depending on the temperature and humidity (for example during periods when the heating is on).

PREPARATION:

TYPE OF INSTALLATION: Floating or glue-down installation?

Qualities	Floating (DTU N° 51.11 – French installation rule or other national rule)	Glue-down (DTU N° 51.2 – French installation rule or other national rule)
Ease of installation	Easy	Professional installation or by a good technician.
Time required to install (cost of labour)	Very quick installation	Quick installation thanks to BestLoc X-Treme
'Correctable'	Easy to correct	Installation is final
Removal	Easy and dust-free	Removal is technical and requires tools
Non-split surface	Max W 10 m x L 10 m	Unlimited
Expansion joint	Min 8 mm and 1.5 mm/m	Limited expansion at edges 5 mm to 8 mm
Squeaking	Risk if humidity is absorbed	No squeaking
Effectiveness with underfloor heating	Less effective (see conditions)	More effective (in accordance with DTU French installation rule or other national rule)
Resonance in the room	Improved with an Excellence+ underlay	Most silent
Noise transmission to room below	-19dB with Excellence+ underlay	High if no gluing on both sides with acoustic underlay

Why go for the Excellence+ underlay?

Tested and validated by the FCBA and in accordance with the DTU (French installation rule or other national rule) on a 14-mm parquet: low compressibility, stability under the parqwood, one of the best on the market for acoustic performance.

Before laying your parqwood floor, please read the installation instructions carefully, which detail the different types of installation. You will find all the details regarding the specificities of the installation, the support characteristics, storage and installation conditions on site in our general instructions.

GLUE DOWN INSTALLATION SPECIFICATIONS

- For glue down installations, it is imperative to check the condition of the substrate. The substrate must be clean, flat (limited to 5 mm under a 2 m rule), dry (less than 3% humidity).
- The specialist parqwood glue must be used (BerryAlloc glue, water-free, solvent-free).
- The glue should be applied with a notched trowel in a maximum of 3 rows (supplied with glue, consumption approx. 1kg/m² - refer to the glue manufacturer's instructions).
- The planks must be installed parallel to the length of the room.
- Allow 5 mm to 8 mm expansion space for the wood around the edges.
- After laying, press the boards firmly to the floor (with the glue still soft).

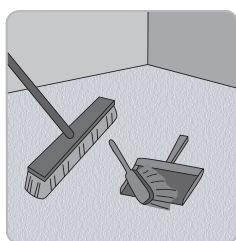
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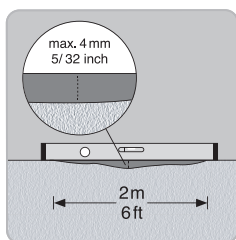
FLOATING INSTALLATION SPECIFICATIONS

- For installation on a concrete screed, it is highly recommended that you use a polyethylene film at least 0.2 mm thick to reduce any potential damp. This film (which differs from a moisture barrier film) must be used if the screed is in direct contact with the floor. This insulation film must be laid with a minimum overlap of 20 cm between strips and a skirting board of at least 3 cm at the edges (NB, this barrier is to avoid any potential damp. It does not under any circumstances constitute a totally moisture-resistant barrier in case of high levels of damp). To improve acoustic comfort, the parqwood should be fitted on an additional specific underlay.
- The planks must be installed parallel to the length of the room.
- A mandatory expansion clearance of 0.15% multiplied by the distance, and no less than 8 mm, must be left at the edges.
- This expansion clearance must be left along the walls, in front of and around all obstacles (pipes, foot of the staircase, column, hearth etc.).
- The expansion gaps must be maintained using small spacers with a distance of approximately 50 cm between them, which are removed after installing the parqwood. In all cases, this expansion clearance is mandatory at every door threshold for each room and must be concealed by a threshold strip.
- To allow the parqwood to move freely, the width of the planks installed must never exceed 8 m.
- There must be a division between each adjoining parqwood-floored room. The division should be concealed by a threshold strip. Maximum 8 m width, the expansion clearance is 0.15% x length.

CHARACTERISTICS OF THE SUBSTRATE TO BE INSTALLED :



Your parqwood can be installed on all the following types of base subfloor: fibreboard, chipboards, plywood panels, ceramic, cement screeds, PVC floor coverings, linoleum, tiles, old parqwood, or old flooring. For any other base subfloor, please contact BerryAlloc's support team for advice. The parqwood must be installed on a floor with a rigid base, resistant to pressure and bending. This base must be: clean, flat, dry, and healthy, i.e.:



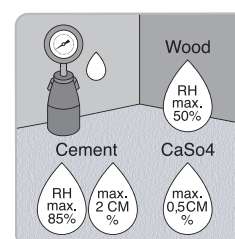
- **Clean** : thoroughly clean the surface of the base to eliminate all residue and irregularities from the old covering.
- **Flat** : check flatness with a 2-m ruler, holes or bumps should be limited to 5 mm and to 1 mm per 20 cm. Sand or patch (level) if necessary.
- **Dry** :the humidity of a cement screed or patching should not exceed 3% using the carbide meter method (On average, for normal screeds, allow for at least 15 days per centimetre of thickness. In case of levelling, allow for at least 5 days per 3 mm). For calcium sulphate liquid screeds, the residual humidity must be 0.5% or under. Wood base: the maximum degree of humidity of wood bases is 10%.

For installation on a concrete screed, it is highly recommended to use a polyethylene film of at least 0.2 mm thick to reduce any potential rising damp. This film (which differs from a vapour barrier film) must be used if the concrete subfloor is in direct contact with the floor. This insulation film must be laid with a minimum overlap of 20 cm between strips and with at least 3 cm film behind the skirting boards at the edges (NB, this barrier is to avoid any potential damp). To improve acoustic comfort, the parqwood should be fitted on an additional specific underlay.

- **Healthy** : remove any dust or grease from the subfloor. There should be no remnants of powder, cracks or crusts

Special case for specific subfloors

We recommend you to ask BerryAlloc's technical support team for advice. Please note that as a general rule, engineered parqwood floors are not load-bearing.

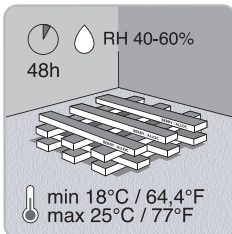


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INSTALLATION ON SITE:

STORAGE AND INSTALLATION CONDITIONS ON SITE (DTU: French installation rule or other national rule)



The parqwood must be stored flat in the space where it is to be installed (in the conditions specified below), in its original packaging, at least 24 to 48 hours prior to starting the installation. The packaging should only be opened at the time of installation.

The installation of the parqwood should be the final job done on the site. The floor must be perfectly dry, the glazing must be fitted, all the major works and finishing (plastering, tiling, painting, wallpapering etc.) must be finished and dry. The room must be perfectly dry, closed, at a room temperature of between 18°C and 20°C, and the humidity in the air must be maintained constant at between 40% and 65%, using the mechanical ventilation system, for the entire duration of the works.

OPENING THE PACKAGING

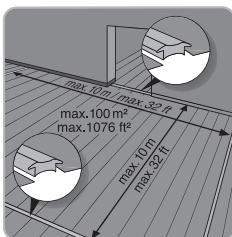
- Wood is not a uniform material. Each plank is unique.
- In order to distribute the colour variations, different structures and knots harmoniously, we recommend you open 2 or 3 packs at the time of installation, and match the planks to get the desired appearance.
- Handle the planks with care.
- Take note of the control number written at the end of the pack or on the back of the first plank you install. This number must be identical on all the packs for the same site.
- Your parqwood flooring has undergone rigorous checks at every stage of production.

If, however, any apparent defect has escaped these checks, do not install the plank and contact your supplier/reseller who will advise you as to what to do.

Please note that any product installed is deemed to have been accepted and may not give rise to a complaint later on.

DIRECTION OF INSTALLATION AND EXPANSION CLEARANCE

- The planks must be installed parallel to the length of the room.
- A mandatory expansion gap of 0.15% multiplied by the dimensions of the room, and no less than 8 mm, must be left around the circumference. This expansion clearance must be left along the walls, in front of and around all obstacles (pipes, foot of the staircase, column, hearth etc.). The expansion gaps must be maintained using small spacers with approximately a 50-cm distance between them, which are removed after installing the parqwood.



- Expansion gaps are required at every door threshold of each room and covered with a threshold strip profile.
- To allow the parqwood to move freely, the width of the planks installed must never exceed 10 m.
- For larger spaces, allow for an intermediate expansion clearance (called 'expansion joint'), concealed with a transition strip profile. For aesthetic reasons, opt for glue-down installation to avoid threshold and expansion strips.
- There must be a division between each adjoining parqwood-floored room. The division should be concealed by a threshold strip profile. Maximum 10 m width, the expansion clearance is 0.15% x length.
- There is the possibility of opting for a glue-down installation to avoid threshold strips profiles and expansion joints with no distance limit.