

Full-surface gluing

Laying instructions

General guidelines for full adhesion of Moland Floors

For Pavone Stavparket, Moland Cambridge and Moland Flex Parquet – also see reverse.

Subfloor

- / Moland wooden floors can be glued down directly onto a level subfloor of concrete, chipboard or plywood.
- / The surface must be absolutely level (± 2 mm on a 2 m straight edge or ± 0.6 mm on a 0.25 m straight edge). Filler can be used for levelling out.

On delivery

- / Check for transport damages, and that the delivered goods correspond to the delivery note.
- / Transportation damages are to be reported immediately to the transport company and shall be endorsed on the consignment note at the reception.

Unpacking boards

- / Check all the boards in daylight before installing.
- / Boards with visible defects exceeding the tolerances, such as difference in dimensions, gloss or colour should be sorted out. Such boards will be exchanged free of charge. Some boards with acceptable minor defects can be used where they are not visible or where cut-offs are required.
- / Please note that complaints against installed boards with defects will not be accepted.
- / Please note, cracks and scratches caused by shrinkage, small cracks across the grain, in and around knots, may occur.

Moisture conditions/moisture barrier

- / At ground level, levelling course and cast floors, protection against potential moisture is required. Follow the instructions of the adhesive manufacturer.
- / Building damp shall be under control, i.e. constant between 35–65 % relative humidity depending on season, before installing the floor.
- / Building must be sealed. All work involving water-based materials such as plaster, paint etc. must be completed and all materials must be completely dry.
- / Heating appliances must be in operation at approx. 20 °C in the room.
- / The room must have been heated and ventilated for at least 4 weeks before installing the floor.
- / Moisture content in concrete, corrective levelling etc. must correspond to the normal seasonal relative humidity, i.e. residual moisture content in concrete of max. 65 %.

If the correct damp-proofing substrate is used, such as Moland's Thomsit R 740, the floor can be laid on concrete with a residual moisture content of max. 85%, but only provided that the relative air humidity in the room does not exceed 65%.

Acclimatization

- / Before starting to lay the floor, the wooden flooring must be acclimatized in the room for min. 2 days.

- / The boards should not be unpacked until immediately before laying.

Preparations prior to Installation concerning Pavone Stavparket and Moland Flex Parquet

- / The best results are achieved if the floor is installed symmetrically on the subfloor. This is ensured by starting from the room's centre line, so that it ends uniformly at the walls.
- / Measure the room and start at the centre line to ensure that the outermost line of boards is as wide as possible. It can either start so that the centre line runs along the middle of the row, or so that it starts with one row on each side of the centre line.
- / To ensure that the first line laid does not move during the installation, a strip can be fixed to the subfloor on the centre line or what corresponds to the edge of the first line.
- / The floor is installed in irregular patterns.

Laying

- / The wooden floor is glued to the subfloor with a suitable parquet glue of the MS Polymer type (follow the supplier instructions), ensuring a flexible bond. Apply the glue to the subfloor evenly with a suitable notched spatulas with a trowel notch size suitable for the chosen floor. Lay the flex parquet in the wet glue and press well down.
- / Do not apply the glue on an area larger than it is possible to lay the floor within 20 min. Check that the glue has taken effect/made contact with the whole parquet surface when gluing.
- / Maintain a distance of 10 mm to walls and fixed installations.
- / Use boards from several different packs throughout the installation to ensure a harmonic effect.
- / Moland floor must not be glued in tongue and groove.
- / **Important:** After gluing, the floor must be loaded with sandbags or stacks of packages with floor. Remove surplus glue with a moist cloth. Do not walk on the floor for 24 hours after installation, or according to the glue supplier's instructions.

Note: Read more about laying Flex Parquet and Pavone Stave Parquet on page 2.

Expansion joint

- / For rooms larger than 100 m², with a length of more than 12 metres and a width of more than 8 metres, contact Moland's Technical Support department.

Treatment/maintenance/cleaning

- / Cover the floor after installing, especially where traffic during building work can occur. Thick grey-board sheeting is recommended.
- / Protective materials must be diffusion-open and not discolour the floor surface.

NOTE: Do not tape protective materials to the floor surface.

- / By oiled floors, we recommend an extra oiling before use. In heavy traffic areas (kitchens, hall spaces, office and business premises) the floor **must** always have an extra oiling before use.

For Pavone Stavparket and Moland Flex Parquet

- / A light polish with abrasive grids is recommended before use. Small cracks can if desired be filled with wax.
- Always** finish it with an additional oil treatment.
- / Always inform the end user of our care and maintenance instructions. Claims/damages that may be referred to lack of maintenance/not following guidelines and inexpedient indoor climate or incorrect building structures, are not entitled complaints. Download maintenance instructions at www.moland.dk.

Floor heating

- / All Moland floors can be glued on floor heating, except beech and maple.
- / An important prerequisite for use of Moland floors on floor heating is, that a completely even heat distribution can be achieved, and that the surface temperature of the Moland floor is never exceeding 27°C. (Max. 24°C with Moland Morello, Moland Cambridge, Moland Flex Parquet and Pavone Stavparket).
- / 2 days prior to installation lower the temperature gradually and switch off the heating system during installation. After installation, increase the temperature gradually by 5°C per day. The room temperature must be at least 15°C. Therefore, it might be necessary to omit switching off the heating system completely.

General instructions

NB: Wood is a living material and is hygroscopic, i.e. wood tries to adapt its own moisture content to its surroundings. Wood expands at high air humidity and shrinks at low air humidity. This is why floors can display gaps between the boards, especially during the winter, when the air is dry.

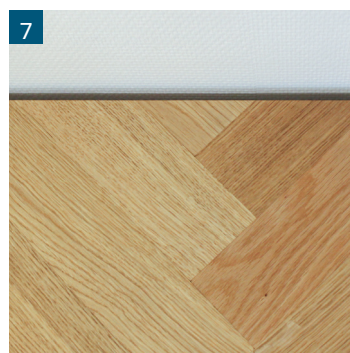
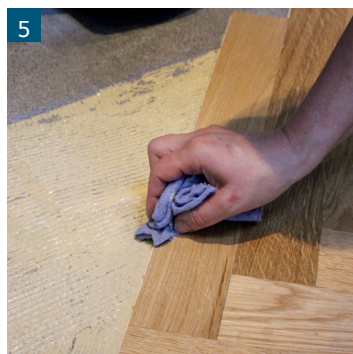
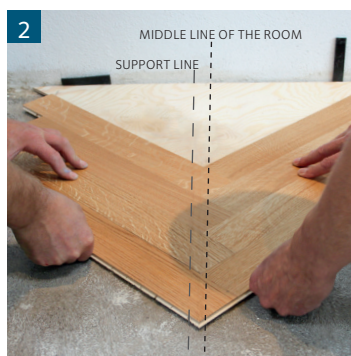
A prerequisite for Moland floors to remain beautiful and have uniform gaps between the boards and assemblies is a room climate where temperature and air humidity is kept constant throughout the changing seasons (temperature 20–22 °C and air humidity at 35–65 % RH).

Find more information about our primers and adhesives on www.moland.biz.

Download general instructions and maintenance instructions at www.moland.biz.

Please contact the technical department at Moland in case of any questions.

PAVONE STAVPARKET AND MOLAND CAMBRIDGE WITH HERRINGBONE PATTERN



1. Left and right parquet must be used for a herringbone pattern. Prepare the parquet before laying.
2. Measure the room, and start at the centre line. Begin by laying out a double row without adhesive, and assemble.
3. Apply adhesive along the line. Do **not** apply adhesive to an area larger than that in which you can lay the parquet within max. 20 min.
4. **Important:** After gluing, the floor must be weighted down with sandbags or stacks of parquet.

5. Adhesive on the surface must be removed immediately with a damp cloth.
6. Continue laying Pavone Stavparket or Moland Cambridge in rows out from the centre, alternating left and right towards the wall.
7. Finally, adjust the length of the parquet so that they align with the wall and maintain the correct distance to fixed installations.

Do not walk on the floor during the first 24 hours after laying, or as specified in the adhesive supplier's instructions.

MOLAND FLEX PARQUET

1. Measure the room, and start at the centre line.
2. Apply adhesive along the line.
Do not apply adhesive to an area larger than that in which you can lay the Flex Parquet within max. 20 min.
3. **Important:** After gluing, the floor must be weighted down with sandbags or stacks of Flex Parquet.
4. Adhesive on the surface must be removed immediately with a damp cloth.
5. Finally, adjust the Flex Parquet so that it aligns with walls and maintains the correct distance to fixed installations.

Do not walk on the floor during the first 24 hours after laying, or as specified in the adhesive supplier's instructions.

