



Engineered Flooring Installation Guide

An Engineered product can be installed using a variety of methods depending on the fitter's preference. These methods include:

- Floating Floor – This describes the process when the boards are only joined to each other rather than the sub floor. They are joined using the click joining method or by gluing the tongue and groove joint together.
- Gluing – Adhesive is placed on top of the sub-floor and then individual planks are laid on top of the adhesive.
- Nailing – Secret nails secure the planks to a wooden subfloor. Professional fitters prefer this method of installation, as it is extremely secure.

Before Installation

- Preparing the sub-floor is vital to ensure the laminate floor will be level. If the subfloor is not level, a self-levelling compound may be used.
- We recommend the use of a concrete or wood sub-floor for the best results.
- If the sub-floor is concrete then make sure the concrete is level and completely dry if recently laid.
- A Damp Proof Membrane (DPM) should be installed on top of a concrete sub-floor to reduce the risk of moisture reaching the engineered boards. Moisture from underneath can cause wooden boards to expand and buckle. Many underlays can now be purchased with built in Damp Proof Membranes.
- Any screws or nails in your sub floor should be fixed below the surface; this will make sure they don't puncture through the underlay or laminate.
- Any old adhesive from previous floors should be removed and a vacuum cleaner should be used to pick up any excess dust or debris.

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- Once the flooring has arrived it should be left for 3-5 days at the installation site. This allows the floor to acclimatise and reduces the chance of any swelling or contracting once the engineered floor is installed.

Laying Engineered Flooring

Floating Engineered Floor

- Decide on the direction you wish the planks to lie; however it is recommended that you start laying the boards against the longest wall for a quality appearance.
- Engineered products have a click joining method, allowing the boards to individually lock together or a tongue a groove joining method, allowing the groove to be glued against the tongue joint.
- Before laying the first row of boards it is important to measure the width of the final row. This can be measured by dividing the total width of the room by the width of an individual board. This will allow you to cut down the first row to make sure the final row is at least 60mm wide.
- Lay the first row plank in the corner of the longest wall with the tongue side facing the wall. Ensure the first row is perfectly straight, as this will set the direction for the rest of the floor.
- Place spacers between the first row and the wall to create an expansion gap of 10mm.
- If the planks have a click joining method then you can continue to click the boards into place. If a tongue and groove joining method is used then glue the groove before joining it to the tongue. You may use a hammer and a tapping block to ensure the tongue and groove is secure.
- Continue to stagger the joints from row to row; this will create a natural wood appearance.
- Ensure that spacers are continuously used to maintain a consistent gap with the sidewalls.

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- It may be tough to install the final row, however a pull bar and hammer may be used to create a tight fitting last row.
- In order for a professional appearance to be achieved, matching thresholds may be installed to cover expansion gaps and also blend in the new floor with existing walls.

Gluing Engineered Floor

- Decide on the direction you wish the planks to lie; however it is recommended that you start laying the boards against the longest wall for a quality appearance.
- Gluing the floor secures tongue and groove engineered boards to the sub-floor to ensure the boards are extremely stable. You can also use PVA glue to join the tongue and groove together.
- Before laying the first row of boards it is important to measure the width of the final row. This can be measured by dividing the total width of the room by the width of an individual board. This will allow you to cut down the first row to make sure the final row is at least 60mm wide.
- Place around adhesive around 1 meter wide along the longest wall in preparation to lay the first row.
- Lay the first plank in the corner of the longest wall with the tongue side facing the wall. Ensure the first row is perfectly straight, as this will set the direction for the rest of the floor.
- Place spacers between the first row and the wall to create an expansion gap of 10mm.
- Continue to place around 1 meter of adhesive ahead of the previous row.
- Stagger the joints from row to row; this will create a natural wood appearance.

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- Ensure that spacers are continuously used to maintain a consistent gap with the sidewalls.
- It may be tough to install the final row, however a pull bar and hammer may be used to create a tight fitting last row.
- In order for a professional appearance to be achieved, matching thresholds may be installed to cover expansion gaps and also blend in the new floor with existing walls.
- The floor should be left for 24 hours before being walked on or moving furniture back into the room.

Nailing Engineered Floor

- Decide on the direction you wish the planks to lie; however it is recommended that you start laying the boards against the longest wall for a quality appearance.
- Before laying the first row of boards it is important to measure the width of the final row. This can be measured by dividing the total width of the room by the width of an individual board. This will allow you to cut down the first row to make sure the final row is at least 60mm wide.
- Lay the first row plank in the corner of the longest wall with the tongue side facing the wall. Ensure the first row is perfectly straight, as this will set the direction for the rest of the floor.
- Place spacers between the first row and the wall to create an expansion gap of 10mm.
- It is always recommended to surface nail the first row with a nail gun, this will ensure that the boards are definitely secured to the wooden sub-floor.
- The next row can now be laid and secret nailed using a powered flooring nailer. The nail will go through the tongue and into the subfloor, making it hidden when the tongue fits into the groove.
- Continue to stagger the joints from row to row; this will create a natural wood appearance.

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Luxury FLOORING



- Ensure that spacers are continuously used to maintain a consistent gap with the sidewalls.
- When installing the final row it may be tough, however a pull bar and hammer may be used to create a tight fitting last row. There may not be enough room to use a powered flooring nailer, so a nail gun should surface nail the final board to make it extremely stable.
- In order for a professional appearance to be achieved, matching thresholds may be installed to cover expansion gaps and also blend in the new floor with existing walls.



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