

5G Engineered Wood & Click Installation Guide

Engineered wood floors are incredibly dimensionally stable allowing them to be installed over all types of subfloors. They are suitable for all areas of the home except bathrooms and wet areas.

Engineered wood flooring is also suitable for use over underfloor heating and in conservatories.

Storage

Engineered Wood flooring is susceptible to environmental damage, so it must be stored properly in order for it to be viable for use. Storing your flooring properly avoids having to deal with damage or replacements at the point of installation.

While it may be required to leave Engineered Wood flooring in a garage or shed for a few days before bringing it inside to acclimatise, these conditions are not acceptable for long-term storage. Flooring must be kept in properly enclosed surroundings that have a secure roof and weatherproof windows. Extreme temperatures and excess moisture can irreparably damage Engineered Wood flooring, so it is important to select an area that will protect your flooring from exposure to the elements.

If Engineered Wood flooring is exposed to freezing temperatures or extreme heat, this can lead to cracking or warping. In order to prevent this damage, refer to the manufacturer's instructions for details of temperature and humidity considerations when storing your particular type of flooring. Engineered Wood flooring needs to be kept clean and dry, so air circulation should also be taken into account. Clean air should be allowed to circulate among the stacks of flooring; you may need to install fans if your building has poor air flow.

Engineered Wood flooring should be laid down horizontally onto a flat surface, and never propped up against a wall when being stored as this is likely to cause it to warp and bow. As a general guide, look at temperatures in the region of 18-24°C and a relative humidity of between 45-60% (please refer to the manufacturer's guides upon delivery).

Acclimatisation Conditions

Due to its stability, Engineered Wood can be fitted in a minimum of 48-hours after it has acclimatised. To correctly acclimatise your Engineered Wood floor, it should be left inside the room in which it is to be installed at a suitable temperature and relative humidity (RH). Please refer to the manufacturer's instructions contained within the packaging for temperature and humidity considerations for your chosen product.



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Installation

Engineered Wood flooring with a click installation system can be installed as floating floor; the most common and DIY friendly installation method due to its speed and ease of installation Engineered Wood can be installed over any type of subfloor and does not require any special skills or prior experience in installing floors - the floor simply clicks together with no requirement for adhesives of any kind.

Additionally, some of our floors feature a 5G/5GS/5GC click system, these boards feature the latest technology for an even faster and easier fitting. As well as a locking profile on the long edge, the 5G range uses a plastic widget on the short edge to provide a robust joint on all sides that can be simply pushed down into place with ease.

All floating flooring installations must use the correct underlay. Over a concrete subfloor you will need to use a superior underlay which has a built-in damp proof membrane (DPM) such as 2mm Silver with Vapour Barrier 15m². Over a wooden subfloor you can use 2mm Foam Underlay 15m². For installations over underfloor heating we recommend using 3mm Gold with Vapour Barrier 10m². Also, for improved noise reduction we recommend 3mm Gold with Vapour Barrier 10m², bringing peace and quiet to the room, by reducing "Drum Sound".

Using the correct underlay can give better support to your new flooring, which in turn prolongs the life and also aids installation by removing some minor imperfections from the subfloor. Each board is designed with a click profile on all four sides to join the boards together. Simply insert the long side tongue into the groove at around a 30° angle and then push them down. The shorter end, known as the 'Header Joint', will vary depending on the product chosen. You will need to refer to the manufacturer's guides for further product specific instructions.

You will need to leave an expansion gap around the perimeter of the room - always check the manufacturer's fitting instructions for details of the size of gap required. To maintain this gap during installation spacers are provided in our installation kit (purchased separately).

After you have installed the floor you can cover this expansion gap with scotia beading or replace your old skirting boards with new ones to provide a professional finish. An expansion gap also needs to be left in doorways where the floor follows through from one room to another or not. We have a full range of door profiles available to match your floor. This is a brief guideline on the installation of our click engineered flooring; always refer to the manufacturer's installation guidelines contained within packs of the flooring.

If you require any further advice on installation then please call our technical department on 01782 528000, e-mail us at support@flooringmountain.co.uk or click the Live Chat Button at the top of the page.