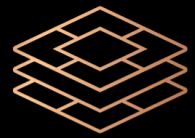


Installation Instructions

12x190mm Clic Engineered Oak



APEXA

INTRODUCTION

Congratulations on your new Clic Engineered Oak Flooring. This product requires a 48 hour period of acclimatisation; stored flat and kept in sealed packaging until the date of installation. It is your responsibility to ensure that your site conditions are within the stated requirements.

This floor should only be used in dry rooms with normal temperature and air humidity. It should also be installed as a floating floor on a level and solid wooden or concrete subfloor. Any old carpets or PVC should be removed. Please ensure that any concrete subfloor is dry enough before you begin the installation. Use a moisture meter to check that the moisture content of the subfloor is less than 2%. When this product is installed with an underfloor heating system, be aware that the moisture conditions are much stricter for this type of installation - 1.8% for concrete and 0.5% for anhydrite. We recommend that you contact your underfloor heating supplier/installer for more details before installation.

PRODUCT GRADING

To establish product consistency; a grading and manufacturing tolerance of 5% has been set to allow for the de-selection of material if deemed by the customer/installer to be unsuitable for the installation. A 5% cutting or waste allowance must, therefore, be taken into consideration and added onto the net square meterage required for the site. We recommend keeping any spare boards for any subsequent repairs in years to come. Due to the quality of the Clic LOC system, full plank replacement is possible.

Note: Keep a record of all your moisture readings for later reference and warranty enquiries. We strongly recommend you keep a record of your moisture and humidity readings before installation. These measurements will be required by the manufacturer or supplier if there are any future problems or warranty claims.

GENERAL INSTALLATION INFORMATION

3A) Preparation - Tools needed:

Distance wedges, hand block, installation support wedge, hand saw or electric jig-saw, pencil, measuring tape, drill, chisel & hammer, dustpan and brush.

3B) Check your Subfloor:

Carpets must be removed. You can install our engineered flooring on all kinds of subfloors if they are dry, flat, fixed and clean, for example on old wood floors (install at right angles to existing floor), cement/concrete floors or ceramic tiles. If the subfloor is of other material, please contact your distributor, who will be happy to advise you. The sub floor must be dry: Always measure the moisture content of cement screed / concrete / anhydrite with professional test instruments and record readings. Cement screed/concrete requires a long drying time, in worst cases up to one year.

Requirements, moisture content limits. For concrete sub floors: max 2% moisture content

Note: All types of cement screed/concrete/tiles sub floors require a moisture inhibitor - an ageing resistant PE - plastic film, min. 0,20 mm thick. (sd - value - 100m) overlapping minimum 15 cm under skirting board and tape all joints overlapping 300 mm. Our wood floors are dried to a moisture content of 8% + /- 2%. Measure and record.

Note: Subfloor construction boards, for example particle board/plywood at time of installation may have too high moisture content (maximum acceptable is 14%). Measure and record all readings. Dry, if necessary or replace with boards of correct moisture content. In ALL cases using plywood / particle board an expansion gap of 3 mm should be left ALL round EVERY board.

Flat:

Measure always with a straight edge. Unevenness of + 2mm over 2M is unacceptable and should be levelled.

Tip: Use a suitable flooring compound to level your sub floor - never use foams or other soft materials. Always check the floor afterwards for evenness.

Firm and Clean:

Concrete should always be firm and sound, if crumbly, cracked or soft remedial work is required prior to installation of your Clic engineered flooring. Always check old wooden sub floor nail/screw fixings are sound to eliminate the possibility of unevenness or squeaking. Brush or vacuum clean your sub floor prior to installing - work clean!

3C) Underlay

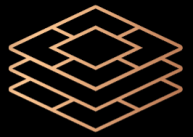
This type of engineered flooring, when installed using a floating installation, must be installed over a minimum of 2mm foam or poly underlay (with a density of a minimum of 180kg/m³). If an acoustic underlay has been installed first and is suitable according to manufacturers guidelines for the flooring to be laid directly on top, then a 2mm foam or poly-type underlay is NOT necessary.

However, if a 1.5mm cork or bitumen type acoustic barrier is used, then 2mm foam, in particular, is still recommended to install over the subfloor. The foam also stops grinding between wood, OSB or plywood sub-floors and should be used. Moisture inhibitors (such as 1000g Polythene) will only assist in protecting the floor from residual moisture when the concrete subfloor is 2% or less. An underlay or moisture inhibitor will NOT cover up an inherent moisture problem that should have been addressed before installation of your engineered wood floor.

Sound insulation material must be installed (over the PE-plastic film, if so required). Use flooring paper, 2mm cork, HD-foams (over 30 kg/m³) 2-3 mm or other approved Underlay materials. Always check with your supplier for suitable product selection.

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APEXA

3D) Underfloor Heating

When installing over underfloor heating, we recommend the following guidelines should be followed;

The maximum temperature beneath the floorboards must not exceed 27°C. Please note, it is not allowed to cover this wooden floor with carpets or rugs if installed over a floor heating system.

Always follow the heating regulation recommendations given by the underfloor heating system supplier.

INSTALLATION PREPARATION

4A) General

Measure the area before installation and decide on the installation direction. It is recommended to install the board's

end on to the primary source of light. The width of the last row of boards should not be less than 50mm. If so, adjust the width of the first board to compensate.

ALWAYS REMEMBER - MEASURE TWICE & CUT ONCE!

In narrow hallways/corridors, install the floor parallel to the longest walls.

Claims of visibly defective floorboards must be made before installation. Each board should be inspected to ensure that the quality is acceptable. No warranty claims relating to surface defects can be accepted after installation. Installation constitutes acceptance of the product.

INSTALLATION GUIDE

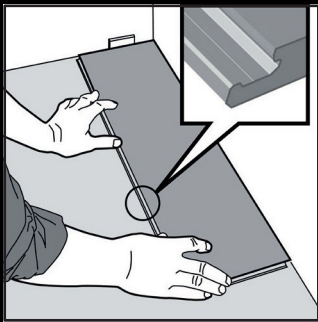


Fig 1.

First plank, first row Place a distance ca 15mm thickness to the left and position against the wall.

Later, after 3 rows, you can easily position the flooring against the front wall with distances = 10mm.

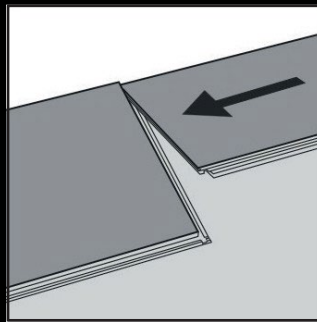


Fig 2.

Second plank, first row place this plank gently and angle fit or tap the short end of the board until fully engaged. Continue this method with each board for the full first row.

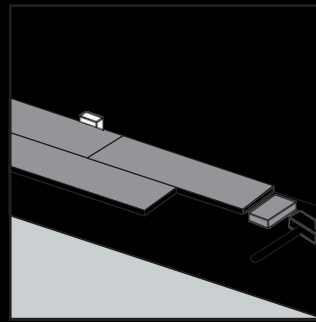


Fig 3.

With Uniclic® you can also tap the panels into each other without lifting, for this method you must use the special Uniclic® tapping block. The planks should not be joined with a single tap. To avoid damaging the panels you must tap them together gradually.

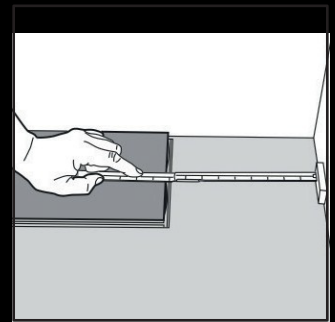


Fig 4.

At the end of the first row, put a distance = 15mm, to the wall and measure the length of the last plank to fit. Use a pull bar if required to gently lever in the last joint.

Installation Instructions

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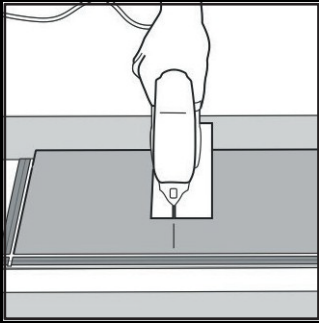


Fig 5.
Cut with a jigsaw - hardwood turned down or with a hand saw with the hardwood visible.

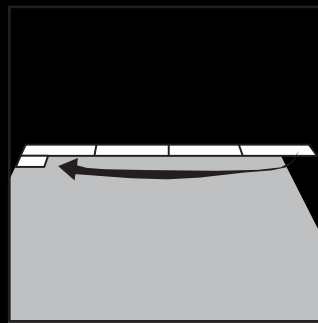


Fig 6.
Second row
First plank min length 500mm.
Put a distance against the wall.

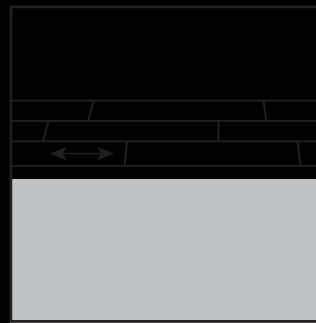


Fig 7.
General. Distance between short ends.

Minimum distance between short ends of planks in parallel rows shall not be less than circa 400mm

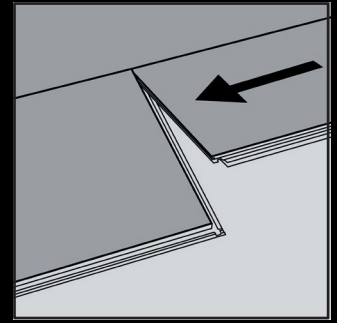


Fig 8.
Second plank, second row
repeat steps from Fig.2

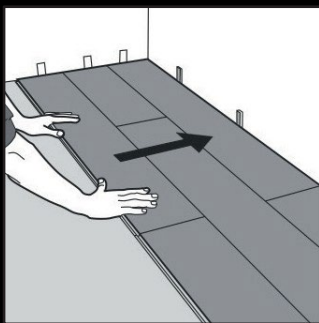


Fig 9
After 2-3 rows.
Adjust the distance to the front wall by placing distances of 15mm.

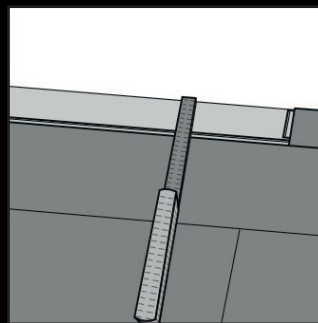


Fig 10.
Last row (and perhaps also first row)
Minimum width of 50mm.
Remember distance to wall circa 10mm.

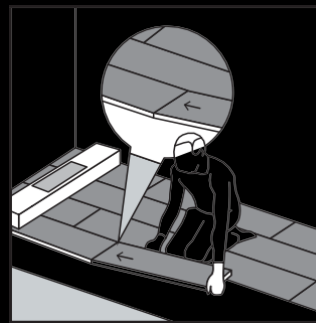


Fig 11.
Once enough rows are installed, it is easy to continue the installation as follows:
Place an unopened pack of panels on the already installed rows. Switch your position and click the short side of the panel in the previous panel.



Fig 12.
Now place your BOTH hands close to the joint as shown in the figure and pull the long side of the plank towards you. The panels will now click together.

Installation Instructions

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SPECIAL INSTALLATIONS

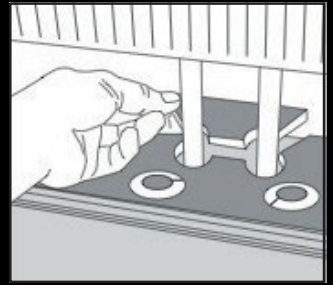
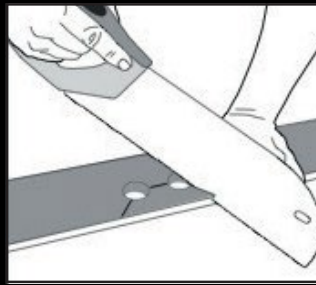
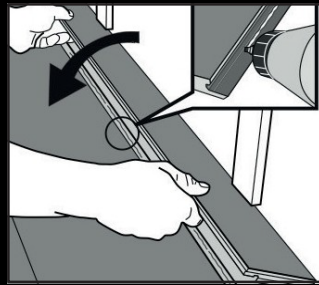
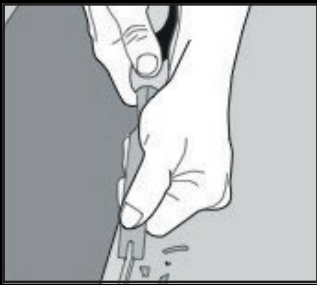
Small panel widths

Joining at short ends length cut panels. Cut the tongue at the same time you cut the length of the panel and install as shown above.

Please note that the smallest width of a panel is ca 50mm at the last row - if not - first row must be adjusted.

Radiator Pipes

Installation at radiators. Drill the holes 15mm larger than the diameter of the pipes.



AFTER THE INSTALLATION

Once the installation is complete, the recommended relative humidity (RH) of 45-60 % and temperature of 18-24°C in the room should be maintained at all times. If necessary, install a humidifier/dehumidifier to ensure the best climate for yourself, your furniture and your wood floor. If the environment is not suitably maintained or the floor is not correctly installed as per these instructions, the floor may show small gaps or some tension in the floor, which can be heard with footfall.

FLOOR PROTECTION

It is recommended practice to use a good quality doormat at every entrance (both inside and out) to ensure dirt and dust particles aren't transferred onto the floor surface. For furniture, soft protective pads should be applied to table and chair legs to avoid any damage when moving furniture.

CLEANING AND MAINTENANCE

The floor should be cleaned by using a vacuum cleaner using an attachment for wood floors or brushed using a soft-bristled brush. If required, wipe with a damp-dry (well squeezed) cloth with a mild soap. Any liquid spills should be wiped up immediately to prevent staining.

Installation Instructions

12x190mm Clic Engineered Oak



UK WARRANTY

1. We are responsible for manufacturing defects.
2. Our 12mm engineered wood flooring must be installed correctly according to the outlined above instructions. The warranty covers regular use. The warranty does not include the use of this product in damp and wet spaces, such as conservatories, bathrooms and kitchens.
3. Planks showing visible defects should not be used as part of the installation. It is the responsibility of the owner/fitter to deselect these boards at the time of installation. These boards are to be allowed for in the 5% waste tolerance. Boards with visible defects that are installed are excluded from this warranty. Colour and grade de-selection is not allowed for, as this is a personal choice and not a defect in the manufacturing of the product.
4. Always check all boards to ensure the board dimensions are accurate before installing. Off-cut boards should not always be classed as waste, short or longer pieces can both be used around the perimeter of the floor if permitted.
5. Finished flooring, i.e. lacquered, stained, oiled, brushed, or other finished flooring is subject to normal wear and shall not be covered by this warranty, i.e. if you don't maintain the floor correctly, the warranty will be invalidated.
6. Excluded under this warranty are scratches, heavy impacts, humidity, and damage caused by incorrect use or lack of correct maintenance.
7. If you have a defect, which falls under the conditions mentioned in this warranty, you should report this to your dealer in writing within 14 days after detecting the defect. In your letter, you should include a copy of the original invoice.
8. This warranty only relates to the planks supplied, and consequently, it does not include labour costs, the costs of additional material and any other consequential loss.
9. In case of a dispute arising from the warranty, either party may call upon an independent expert to render binding advice. If this clause is applicable, the cost is to be agreed in writing with all parties involved in advance.
10. Where the warranty applies, we or our distributors will replace the faulty product. In case the product in question is no longer available, we will ensure replacement of an alternative product of the same quality.
11. This warranty shall apply only to the original owner/purchaser of the wood floor.

WARRANTY WILL NOT BE APPLICABLE IN CASE OF:

1. The floor has not been installed following the correct methods outlined in the instructions by a qualified installer.
2. The faults were noticed and ignored before the floor was installed.
3. Defects and faults having arisen due to dampness or water damage or any other causes as a result of force majeure.
4. Defects and faults have been caused by improper use or negligence and failure to use the product for its intended purpose, as well as having been caused by having disregarded the instructions for installation, use and maintenance.
5. Visual faults having arisen as a result of any deformation of the boards due to changed climate conditions, any variations in colour due to the influence of sunlight and the effects of normal ageing and wear and tear of the finishing coat.
6. Stains or mechanical damage to the surface (scratches and dents) resulting from improper treatment during transport, storage and any damage caused by stiletto heels, furniture, stones, sand and pets.

MANUFACTURING TOLERANCE

ENGINEERED HARDWOOD FLOORS ARE A NATURAL PRODUCT AND AS SUCH ARE SUBJECT TO MANY VARIANCES IN COLOUR AND CHARACTER IN EACH INDIVIDUAL PIECE OF FLOORING, WE ALWAYS THEREFORE RECOMMEND YOU WORK FROM 3-4 PACKS OF FLOORING AT A TIME IN ORDER TO GET THE BEST NATURAL COLOUR MIX. AS SUCH A TOLERANCE OF 5% SHOULD BE ALLOWED FOR THE DESELECTION OF ANY MATERIAL DEEMED UNSUITABLE FOR INSTALLATION. THIS PRODUCT IS PRODUCED WITH A MANUFACTURING TOLERANCE OF + OR - 1.5% ON THE DIMENSION OF THE BOARD AND IN LINE WITH SPECIFIED TIMBER MANUFACTURING GUIDELINES, AS SUCH ANY ITEMS OUT OF TOLERANCE SHOULD BE DISMISSED AS PART OF THE 5% MANUFACTURING TOLERANCE.



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