

# Installation Instructions

## 14mm LOC Herringbone Oak

### 1. Introduction:

Congratulations with your new Timba 14mm LOC Herringbone Oak. This product requires a 48 hour period of acclimatisation; stored flat and to remain in the 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 always advise that you contact your Underfloor Heating supplier/installer for more details before installation.

### 2. 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.

**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.

### 3. 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 needs a long time dry - 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 +3mm over 2M is unacceptable and should be leveled.

**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 Timba 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) Underfloor Heating

When installing over Underfloor Heating, we recommend the following guidelines should be followed;

- Maximum allowed temperature on top of the floor underneath the floorboards is 29 °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 Instructions

## 14mm LOC Herringbone Oak

### 4. 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.

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. If you lay it, you have accepted it.

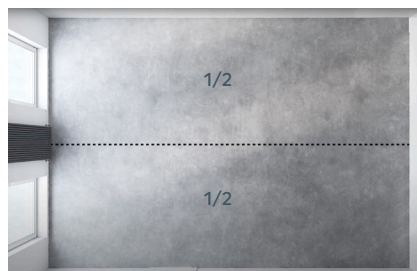
**ALWAYS REMEMBER - MEASURE TWICE & CUT ONCE!**

### Step-by-Step Guide - Herringbone Oak



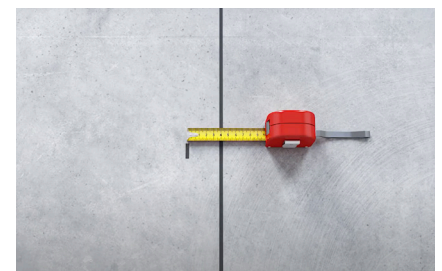
#### Step 1:

Begin with an empty room at an average temp of 18-24 degrees with a Relative Humidity of 45-60%. Also, ensure the floor is level using a straight edge to calculate the tolerance, this should be within 3mm over any 2m length.



#### Step 2A:

Start by dividing the room in 2 down the longest edge, as shown in the photo above. This will give you a line to square the floor against, ensuring your floor runs square to the room.



#### Step 2B:

Depending on the direction you are laying your floor, using a tape measure mark 4cm to the left of the center line and mark the position.



#### Step 2C:

To ensure your flooring runs in a continuous straight line. Extend the 4cm mark line across the full length of the room using a straight edge.



#### Step 3:

Starting on the centre line, connect two boards together, placing the header joint of board 1 into the side profile of board 2 to create a 90-degree angle. Place this over the centre line as shown to create a 45-degree angle between the two boards.



#### Step 4:

Continue to fix boards together until you have 1 full row across the room as far as you can go. You will have gaps at either end, which will require cut pieces to complete the row.

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## 14mm LOC Herringbone Oak



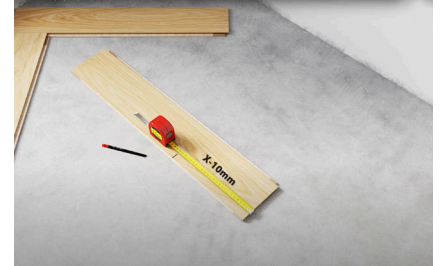
### Step 5A:

Using an angle ruler, find the angle between the end of the last board and the wall.



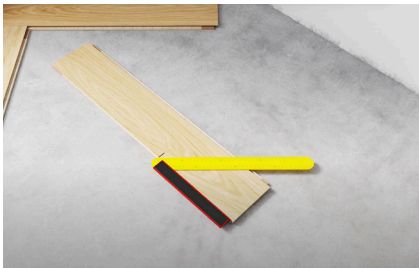
### Step 5B:

Measure from the corner of the board to the wall and note down the measurement.



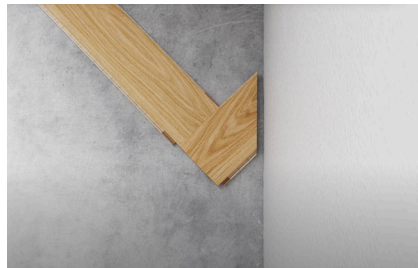
### Step 5C:

Using a tape transfer this measurement onto the length of a new board.



### Step 5D:

Using the angle ruler again from Step 5A, transfer the angle across to the board and cut using a saw.



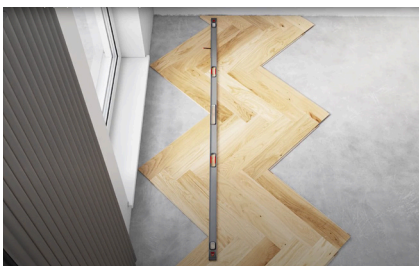
### Step 5E:

Slot the new piece into place, remember to leave 10mm expansion gap between the board and the wall. Replicate this on the other side of the room. Now you should have a full row of flooring.



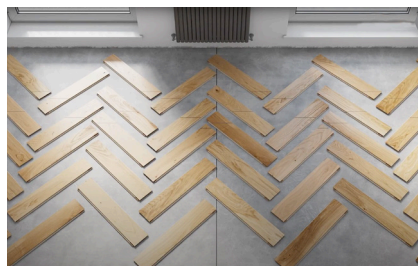
### Step 6:

Continue to lay boards out in a herringbone pattern till you have 5x complete rows. Ensuring the flooring remains square to the centre line on the subfloor.



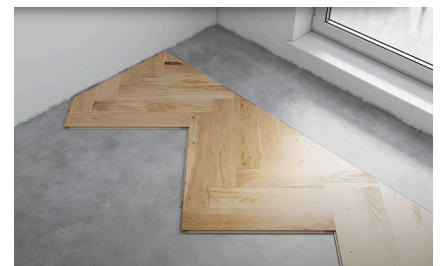
### Step 7:

Using a straight edge, draw a line across the boards where the bottom of the empty triangles meet. This will be a cut line.



### Step 8:

Disassemble all of the boards and using the hand saw, make all the cuts. Ensure that you place back each piece in the same place you took it from.



### Step 9:

Once all cuts are made, you can dry fit each board back together and push back to the edge of the room. This is an excellent time to check your flooring will sit square to your wall and centerline.



# Installation Instructions

## 14mm LOC Herringbone Oak



### Step 10:

Once all cuts have been made, it is now time to apply adhesive and start to lay the floor into its permanent position. Add enough adhesive to the sub-floor to cover the first few rows of flooring. Then work back from there.



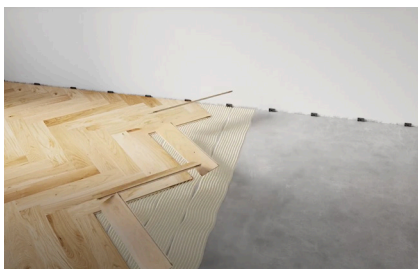
### Step 11:

Starting from the centerline, work outwards ensuring the 45-degree angle remains true. This will make sure your flooring always remains square.



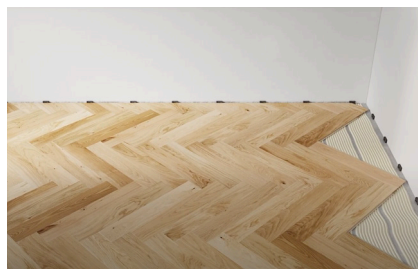
### Step 12:

Use the tapping block to engage the fixing profiles completely. This will help ensure your flooring is fully secured together and you get the correct appearance from your flooring.



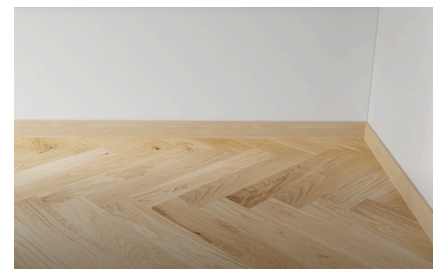
### Step 13:

Continue to work around 3-4 rows at a time, ensuring the floor remains square to the room and follows the centre line.



### Step 14:

Once you get to the other side of the room, it is now time to fill in the remaining triangles where full boards won't reach. To do this measure the length and use the angle ruler to mark where each board where it needs to be cut.



### Step 15:

Once all remaining triangles are complete, you can now install any skirting's or scotia's.

**Your floor is now complete - Please leave 24hrs for the adhesive to fully cure before moving furniture into the room.**

## 6. 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.

## 7. 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 accidentally spilt must be wiped off immediately to prevent staining.

## 8. 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.

## 9. Warranty

Your Timba 14mm LOC Herringbone Oak warranty lasts for 20 years starting from the date of purchase. Please refer to our warranty section at [www.timbafloor.com](http://www.timbafloor.com) for more detailed information.

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## 14mm LOC Herringbone Oak

### Tips for enjoying your Timba Floor:

- When cleaning the floor, use a vacuum cleaner, specialist swisher dry floor mop and well-wrung cloth.
- Remove stains with a suitable specialist wood floor cleaner.
- Use a good doormat to collect grit at every entrance (inside and outside) and clean them often.
- Use soft protective pads for your table and chair legs (do not use a hard adhesive, it will scratch your floor)
- Put a protective mat under chairs with wheels or replace wheels/casters with ones suitable for wood flooring.
- Clean up any liquid spillages quickly
- Be aware that sunlight can change the colour of your wood floor. It is a natural process.

**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

### Tips for Correct Installation

You will find additional information on these points later in these instructions:

1. Ensure the flooring boxes are stored in the room where the floor is to be installed. Leave all boards in the sealed packaging for a period of 48 hours.
2. Ensure a minimum of 10mm expansion gap be allowed for between the floor and all fixed points; such as walls, stairs, built-in-furniture and radiator pipes.
3. Check the condition of your subfloor - it must be completely dry (Always measure moisture readings), clean, firm and all previous floor coverings removed.
4. Measure the room and decide on the installation direction.
5. If installing over an Underfloor Heating system, consult the system supplier for additional guidance on how to install correctly.
6. Always install according to our Installation Guidelines overleaf.
7. Check each piece of wood flooring before installation, discard any boards that show visible defects. If you lay it, you have accepted it!
8. Wood flooring and humans like the same climate, i.e. 45-60 % RH at 18-24 °C.
9. Maintain/clean your wood floor correctly, and you will enjoy the floor for many years to come.