



# HIGHLAND RIDGE<sup>TM</sup>

## QUALITY LAMINATE FLOORING



## GERMAN TECHNOLOGY

## QUALITY LAMINATE FLOORING



<b>25</b> Years Structural Warranty	<b>AC4</b> Class 32 Commercial Grade	<b>E0</b> Emission Rating	<b>Register</b> Embossed Finish	<b>Wax Seal</b> Moisture Resistant	<b>German</b> Click Lock System	<b>HDF</b> Core
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# HIGHLAND RIDGE FLOORING LAMINATE INSTALLATION GUIDE

## Read completely before starting installation

All installed boards will be considered as accepted by the installer and/or homeowner. Any defects should be reported to the wholesaler or retailer immediately for inspection and/or replacement. We cannot accept responsibility for flooring installed with visible defects.

## General precautions

The laminate flooring products are inspected for quality before packaging and shipping. Nevertheless, a final jobsite inspection of your flooring should be performed for grade, colour, finish and quality. Ensure adequate lighting for proper inspection. Room temperature and humidity of the installation area should be consistent with normal, year-round living conditions for at least a week before installation. Room temperature of 15°-30°C and a humidity range of 30-70% is recommended. It is most important that you install the flooring once you open the cartons, without waiting for several hours or days. Do not store directly on concrete or near outside walls.

## General installation notes

ALL LAMINATE FLOORS REACT TO HUMIDITY AND MOISTURE. It is the responsibility of the installer and the owner to install an effective moisture barrier and to maintain correct moisture and humidity percentages.

- The humidity of a room can vary due to many factors – the change of seasons for example. The floor must be able to expand and contract in all directions.
- When possible, pre-select and set aside boards that blend best with all floor beadings, skirting boards or mounted mouldings used to assure a uniform final appearance. Install these boards adjoining the mouldings.
- Be attentive to staggering the ends of boards in adjacent rows. They should be staggered at mid point when the boards are of equal length. When installing boards of random length, ensure that the staggered length is at least 10-15cm. This will help ensure a more favourable overall appearance of the floor.
- Any installation requiring the flooring to exceed 8 metres in width or length will require an expansion or T-moulding. All doorways and adjoining rooms should have expansion joints.
- Always allow a minimum 10-12mm expansion around all vertical obstructions.

## Subfloor heating

IT IS NOT SUITABLE FOR FLOORS WITH UNDERFLOOR HEATING.

## Subfloor preparation

### CONCRETE

- 1) Ensure that your subfloor is clean, flat, smooth and level. Height differences of more than 3 mm +/- over 1 metre must be levelled. Correct any changes in height difference and ensure that the levelling compound has cured prior to starting your installation.
- 2) Lay Embelton Combo Foam Underlay, taping the edges together using wide adhesive tape.

### WOOD AND OTHER SURFACES

- 1) Ensure that your subfloor is clean, flat, smooth and level. Height differences of more than 3mm +/- over 1 metre must be levelled. Correct any changes in height difference and ensure that the levelling compound has cured prior to starting your installation.
- 2) Lay Embelton Combo Foam Underlay (or another approved underlay), taping the edges together using wide adhesive tape, but do not overlap the edges.

## Preparing to install

- 1) Clean and sweep.
- 2) Let the opened packages of flooring lie flat on the floor in the room in which the floor is to be installed.
- 3) Check door and door frame clearances to ensure that doors will move freely without contacting the laminate surface.
- 4) Although an Eco-Tuf laminate floor can be installed in any direction, as a rule, laminate floors are usually installed perpendicular to a window. Installing the floor parallel to the longest wall tends to make a room appear larger. You will get better results by laying two or three rows of Eco-Tuf in advance to get an eye pleasing distribution of the plank.

## Step-by-step installation

- 1) First plank, first row. Place a spacer 10-12mm thickness to the left and position the plank against the wall. Later, after 3 rows, you can easily position the flooring against the front wall with spacers of 10-12mm.



- 8) Second plank, second row. Place the short end of the floorboard at an angle against the previously installed floorboard. Fold down. The boards can also be tapped up without lifting.



- 2) Second plank, first row. Press the short end of the next floorboard at an angle to the first one, then lay down. Complete the first row. The boards can also be tapped up without lifting.



- 9) Lift floorboard (together with the previously installed floorboard in the same row) lightly up (about 30mm) and push it against the row in front. Push down when the floorboards are positioned tightly together.



- 3) At the end of the first row, place a spacer 10-12mm to the wall and cut the length of the last plank to fit.



- 10) After 2-3 rows, adjust the distance to the front wall by placing spacers 10-12mm.



- 4) Cut with a saw – decor turned down.



- 11) If the wall is uneven, the floorboards must be adapted to its contours. Mark the floorboards with the contour of the wall. Do not forget to leave a 10-12mm space to the wall.



- 5) Second row, first plank. Minimum length 300mm. Place a spacer against the wall.



- 12) To remove the first row, lift the floorboard a few centimetres and tap along the joint. Cut the floorboards as required.



- 6) General. Minimum distance between short ends of planks in parallel shall not be less than 200mm.



- 13) Reinstall the first row from left to right. Press the boards against the edges of the floorboards that are already in position, with the strip first.



- 7) Place the floorboard at an angle against the floorboard in the previous row, press forward and fold down at the same time. A rubber mallet and tapping block may be necessary.



- 14) Last row. Minimum width 30 mm. Remember, the space to the wall is 10-12mm. Tip! Place a spacer before measuring. Cut the panels lengthwise and install.

