

# PROFLOOR

Engineered Timber Flooring – By Trojan Timbers

## INSTALLATION GUIDE



### FLOATING INSTALLATION



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# INSTALLATION GUIDE

Thank you for choosing Trojan PROFLOOR Engineered Timber Flooring. This document contains useful instructions on the installation of Trojan PROFLOOR. Correct installation will ensure your floor performs at its peak now and into the future.

## 1 GETTING STARTED

Store the boards in a cool, shaded and protected dry place. Do not open the packets until the day of installation to avoid moisture pickup.

Check each board carefully prior to installation. Never install any damaged floor and conduct inspections as you work. Should any obvious mistakes or damages be found when opening the packages, all claims should be raised immediately before installation.

Always work out of several different bundles alternatively for installation. Mix and match between packs to create a beautiful colour spread across your floor.

Timber is a living material, which swells if moisture or humidity increases and shrinks if moisture or humidity decreases. If the climate and humidity of the room where your timber is laid is left too high or too low for an extended period of time, this can lead to irreversible deformation of your floor. This can particularly occur if, e.g. in winter, the humidity in a heated room falls below 45%. If you are heating your room, you should install an air humidifier to prevent damage to your floor. The same may be necessary in an air conditioned room.



Timber is a natural product with natural variations of colour, grains and characteristics. These variations are not considered a defect.

## 2 SUBFLOOR PREPARATION

Before installation, remove all debris or dust and clean the subfloor. Trojan PROFLOOR can be installed on concrete, particle board or timber subfloors, providing the subfloor is flat, level, smooth and dry. Ensure the subfloor is free of any cracks.

In case there is a need to level the concrete subfloor, a cement based floor-filler should be used. Timber and particle board subfloors must be structurally sound. If a particle board subfloor is used, ensure the edges are sanded prior to installation.

Should the Relative Humidity (RH) of the environment be above 95%, no flooring should be installed. Installation in these conditions will void all warranties.

### ! NOTE:

Trojan PROFLOOR is not structural and therefore, it will reflect the condition of the subfloor. Ensure your subfloor is structurally sound and flat, smooth, level and dry.

## 3 UNDERLAY

It is important that a suitable underlay with a moisture barrier is utilised. Both Trojan Silent Walk and Trojan IQ Underlays are suitable to be used in the floating installation of Trojan PROFLOOR.

## 3 UNDERLAY

### TROJAN SILENT WALK

Silent Walk is an industry standard, acoustic, loose-laid underlay that does not require expensive gluing or preparation. This underlay is designed with a PVC moisture barrier to help protect the timber planks.

### TROJAN IQ

If you require noise reduction properties, Trojan IQ is suitable for your floating installation. Trojan IQ is a premium acoustic underlay that reduces foot traffic noise and sound transmission. Where superior acoustic performance is required, we recommend the use of Trojan IQ.

Please note: Silent Walk and Trojan IQ are not designed to completely seal the subfloor or as a solution to rising damp. In such circumstances, the subfloor should be sealed prior to installation of underlay and PROFLOOR.

## 4 INSTALLATION

When installing Trojan PROFLOOR, an expansion gap should be allowed for. This should be at least 10mm around the perimeter of the room. Use spacing-wedges during the installation to assist in maintaining the expansion gaps.

**Note:** Larger rooms, such as halls, assembly rooms, dance floors, will need a bigger allowance for expansion join.

Depending on the width and squareness of the room, you may choose to 'rip down' the starting boards, so you are not finishing on the opposing wall with thin pieces or planks on an angle.

Always begin installation by facing the groove-side of the floorboard towards the wall. To join the floorboards together, a 30-40cm wooden block should be used as a brace against the tongue side to knock the boards together. Do not use force during the joining. Never hit the floor-board directly with the hammer. This is to avoid either the tongue or finished edges from being damaged. Lay the flooring lengthwise against the longest wall of the room, ideally parallel to sunlight.

### FLOATING INSTALLATION:

When installing using the floating-system, always apply glue to the upper parts of the groove on plank A and apply a bead of glue to the tongue on plank B, and at the end of each plank. Always distribute the glue in a continuous line – never apply the glue in a broken line. Any excess glue that is squeezed to the surface should be immediately wiped off with a damp cloth.

When installing the floor, the planks should be laid with scattered joints (not brick formation). To achieve this begin with small starter pieces included in the packs. If you run out of starter planks, simply use offcuts from previous rows. Ensure a minimum of 30cm distance between one head-joint and the other of the next row.

When laying the floor through several adjoining rooms, expansion joints must also be provided at every door's passages. When laying the floor in a corridor, lay the boards lengthwise along the corridor. Floor-boards forming the last row should be installed with a special pull-bar designed for this purpose.

**Note:** Skirting must be pressed down firmly on the floor before securing skirting to the wall. Never screw skirting boards directly to the floor boards.