



# Installation Instructions Over Heated Slab

# Installation Instructions - Over Heated Slab

Engineered timber flooring, due to its great stability, can be installed over hydronic heated slabs (ONLY). It needs to be installed as per the guidelines specified below to avoid compromising your flooring warranty, other floor heating systems are not covered by our warranty.

The floor must be installed by a professional installer, and always follow all the manufacturers' guidelines to make sure your warranty won't be compromised. Please also note that the heating system being used must be installed and operated in compliance with the guidelines of the heating and/or other manufacturers guidelines. Refer to our Engineered Timber flooring installation instructions or contact us for more information.

1. The in-slab under floor hydronic heating needs to be started and run at desired temperature for at least 14 days prior to installation.

**NOTE: The slab surface temperature must not exceed 26°C at any time.**

2. After 14 days, turn off the slab heating and allow 4 days to pass in order to allow the subfloor to cool down and reach room temperature before installation.
3. Please note that the total timber floorboard thickness must be no greater than 20mm.
4. After floor installation is complete, your engineered timber flooring requires gradual acclimatisation in conjunction with the heating system. The heating system temperature is to be increased by 2 degree increments each day until desired temperature is reached (not exceeding 26°C) and when turning your heating off, also decrease by 2 degree increments each day until it is off.
5. Using an in-floor temperature sensor is important to avoid overheating.
6. Shrinking between boards, cracking and minor cupping can be expected when installing over heated slabs and does not constitute a product defect.

## For floating method

1. Install 200UM plastic sheet overlapping joins by 300mm and taping the joins securely using waterproof tape. Plastic sheeting must run up the walls 100mm, then be cut off at floor height (after installation).
2. Installation of a premium quality 3mm moisture barrier underlay. We highly recommend using our suitable underlay together with all our engineered timber products.
3. Boards must be glued at the joins. A bead of glue needs to be applied to the top and bottom edge of the groove.
4. Leave expansion gap (10-12mm) as per normal installation guidelines.
5. Please refer to our Engineered Timber flooring Installation Instruction Guide for finishing instructions.

## For direct stick/glue down method

1. Please refer to our Engineered Timber Installation Instruction Guide for Direct Stick/Glue Down Method.
2. Direct stick adhesive must be applied via full-trowel in conjunction with the use of crosslinking PVA in the groove joins. Make sure to consult the glue adhesive manufacturer to ensure the appropriate adhesive is used in conjunction with a heated slab installation.

Please always visit our website [www.asttimbers.com.au](http://www.asttimbers.com.au) for the most up-to date version of our installation instructions, warranty, technical data sheet and care & maintenance as it may have been revised and updated.