



## Direct Stick Installation Instructions

### Pre installation check:

All direct stick subfloors should be checked and logged for moisture content both timber or concrete subfloors. If installed over a concrete slab the ATFA recommend that the Relative Humidity (RH) be checked using the ASTM F 2170 test method/ AS 1884:2012. This information must be kept for later reference. It is imperative, that this instruction is strictly followed. If a timber substrate is high in moisture, this suggests that there is an issue with water or moisture under the subfloor and must be addressed prior to installation.

The subfloor levelling must be within 3mm over 3 meters. The subfloor should be checked for any contamination or structural damage prior to installation that might affect the adhesion or performance of the floor.

### Installation process:

- Find starting line and ensure first row of flooring is installed straight, using string line or laser.
- Apply adhesive with the correct trowel, distributing it evenly to obtain a good coverage of the surface.
- Position the timber flooring in place with the necessary pressure to ensure good contact between the timber flooring and the adhesive, The installer must ensure the timber adheres to the subfloor, all boards must have a minimum 80% adhesive coverage. This might require extra weights to be placed on the area in some circumstances to ensure contact with the adhesive bed.
- A minimum 3mm expansion gap must be left around flooring perimeter.
- Monitor trowel angle and wear to ensure the application rate is maintained.
- Any excess adhesive on the top of the boards should be wiped off thoroughly as you go with a water dampened cloth. (pH neutral) Any residue can be peeled off when dry, however this may be more time consuming.
- Application conditions - Ambient Temperature; apply at a temperature between 5°C and 40°C. The optimal temperature is between 15°C and 25°C.
- Ambient Humidity Apply at a humidity between 40% and 80%.
- After installation, if other trades are still to complete their work, a breathable protective covering should be installed over the flooring. Non-permeable product should not be used as this will damage the product due to an increase in moisture. The flooring must be clean and clear of any debris prior to the fitting of protection.

**Installation over hydronic underfloor heating:**

The in-slab underfloor heating needs to be started and run at the desired temperature for at least 2 weeks prior to the installation of flooring.

NOTE: The slab surface temperature must not exceed 26 degrees Celsius at any time.

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. After floor installation is complete, your flooring requires gradual acclimatisation in conjunction with the heating system. The heating system temperature is to be increased by 2 degrees increments each day until the desired temperature is reached (not exceeding 26 degrees Celsius) and when turning heating off, also decrease by 2 degrees increments each day until it is off. Shrinking between boards, cracking and minor cupping can be expected when installing hydronic underfloor heating and does not constitute as a product defect.