



INSTALLATION INSTRUCTIONS

LUMINA HYBRID

It is highly recommended that all TFL flooring is installed by a qualified and experienced contractor.

The following instructions must be followed correctly for the warranty to be honored. Please read the entire document before proceeding with the installation

General Information

- It is the installers/customers responsibility to carry out an inspection of the delivered flooring product prior to installation to ensure the colour, grade, pattern irregularities, structural quality, gloss and finish are acceptable.
- The installer must use reasonable selectivity and remove any faulty boards that should not be laid or dock any faults to ensure the finished floor meets industry and customer standards. This includes bow and spring that should not exceed 18mm over the length or width of the board.
- If you are unsure about the product and how it will respond to the environment, then please contact the manufacturer for guidance.
- A waste factor of approximately 5 to 10% should be ordered to complete any sorting, cutting or visual selection during installation.

Before Installation

Lumina Hybrid packs should never be stored outdoors, directly on a cement floor, or under any damp conditions. Care should be taken to store the packs flat, in a dry and safe environment. Packs should never be lent against a wall.

The product must be stored and transported in optimal humidity conditions of 40 to 60% RH and temperature conditions of 18 to 27 degrees Celsius. Extended storage outside these levels can damage the flooring. It might be noted that storage in a van can exceed these levels.

Acclimatisation

Lumina Hybrid packs do not need to be acclimatised on site. The product should be installed directly from the carton. The product should be checked by the installer before installation with a moisture metre to be certain that the flooring has not dramatically changed moisture content since it left the The Flooring Lab warehouse. It should be approximately 8 to 10% MC.

Levelling & Subfloor Requirements

Subfloors are to be made flat through grinding and/or levelling to the following ATFA and Australian Standards AS 1884:2012.

Floating Engineered Floors: Not to exceed 3mm variance under a 1-metre straight edge.

On a concrete slab 200 UM plastic sheeting should be installed under Lumina Hybrid to avoid moisture ingress and mould.

Existing timber or yellow tongue flooring should be smooth and solid.

Existing ceramic tiles can remain but must be flat, solid and all grout lines filled with the appropriate levelling compound.

Installation Instructions

During installation, no adjacent end joints should be closer than 200mm or any end boards less than 200mm in length.

It is also highly recommended that during the installation process the correct PPE (Personal Protection Equipment) is used by the installer. These include P2-rated face masks, protective glasses or face shields, steel-capped boots and protective work gloves.

The width and length of any flooring area or span should not exceed 15 x 15 metres.

Expansion joints should be fitted to compartmentalise a larger floor area so it can move correctly as a raft. This can be done in doorways or natural transitions from one area to another.

At doorways or transitions, the door jambs, architraves or door frames need to be undercut well and all material removed for the timber floor to slide under and move freely. A gap of 1 mm is recommended above the surface of the flooring.

The Flooring Lab recommends at least a 9mm expansion gap be allowed around the perimeter of a floating Hybrid floor. At no point should the flooring be in contact with any solid structure. The flooring must be allowed to move freely with no side pressure.

It is strongly advised that you install a 200um plastic moisture barrier sheet on the concrete. Overlap the plastic moisture barrier sheet by at least 150 mm and tape joins fully with moisture-proof tape. All underlay joints should be sealed with a moisture-proof tape.

When installing Lumina Hybrid on stairs the product must be directly stuck with the appropriate polyurethane/MS adhesive to the existing tread & riser. Matching stair nosing to be fitted on the front edge of each step. Also please make sure that the stair nosing meets the slip test guidelines for each state in Australia.

Installation Over Hydronic Underfloor Heating

After floor installation is complete, your flooring requires gradual acclimatisation in conjunction with the heating system.

The underfloor heating system temperature is to be increased by 2 degrees increments each day until the desired temperature is reached. When heating is turned off, it should also be decreased by 2 degrees increments. This will allow the flooring to acclimate to the home.

The hybrid flooring surface temperature must not exceed 27 degrees Celsius at any time.

Shrinking between boards, gapping and surface damage can occur when installing over hydronic underfloor heating and does not constitute a product defect.

Only in-slab underfloor heating, such as hydronic heating, is recommended.

Post Installation

After installation, if other trades are still to complete their work, a breathable or permeable protective covering should be installed over the flooring. The flooring must be clean and clear of any debris prior to the fitting of protection. The product should only be taped at the joins and should not be taped to the flooring.

The Flooring Lab does not recommend using any kind of adhesive tape (even low tack) directly on a pre-finished flooring surface. The chemicals in the tape can react with the coating, causing it to peel off when the tape is removed.

Care should be taken if the exterior of the home is not paved as gravel and debris can damage the surface of flooring as other trades enter the building. Walk off mats or protection is recommended during this period.

Excessive use of corrosive chemicals such as turpentine, ammonia or large amounts of water to complete a builders clean will damage the product surface.

Prior to handover any direct sunlight from unprotected windows should be covered to avoid damage.