

CLOUDWALK Flooring

Hybrid Flooring Installation Guide

It is the installers/customers responsibility to carry out an inspection of the delivered flooring product prior to installation to ensure the colour, pattern irregularities, structural quality, gloss and finish are acceptable. It must also be confirmed that the correct product, as per viewed samples, has been delivered to site. If the product is deemed not acceptable, do NOT install it and contact your supplier immediately. If the product is installed it will be considered to be acceptable to the customer and the supplier will take no further responsibility.

Hybrid flooring is a new generation product manufactured using the latest technology known as 'Rigid Composite Board' (RCB). The rigid core provides unique interior waterproof and stability characteristics. Hybrid flooring is highly durable and interior waterproof product however careful attention to the installation and basic care and maintenance guidelines need to be followed.

Pre-installation Conditions and Getting prepared

The installer need to be completely understand the site environment and conditions before starting the installation. Site specific circumstances such as proximity to water, river systems, coastal regions along with other climatic extremes may require more complex installations methods and maintenance. If applicable, under floor inspections should be carried out before installation. Seam mopping should not be used under any circumstances. Regular sweeping and a damp mop for general cleaning.

The floor covering should be stored and installed in a climate controlled location with an average temperature between 13°-29°C and optimum post installation temperature range is between 0°-37°C. Avoid exposure to direct sunlight during installation to avoid possible discoloration and to avoid excessive heat building upon the floor surface. Temporary covering of windows & doors is required during construction/ installation phase. Once the building is occupied the use of the drapes or sun blinds is recommended to reduce harmful UV exposure and heat on the floor surface.

It is important that the flooring are stored in rooms that are not being worked in and only install product after all other trades have completed work to avoid site related damage and residues on the flooring.

To minimise shade / batch variation, mix and install planks from several cartons and inspect all planks for damage before installing. If you have any concerns about the product fit or finish please contact your retailer immediately. Do not install defective hybrid planks. Claims will not be accepted for flooring that has been cut to size and or installed. All subfloor patching must be dry completely prior to installing the flooring.

Install the flooring only on a sound flat substrate. Raft size for installation, 15m in length & 15m in Width

Subfloor

All subfloors must be clean, flat, dry and structurally sound. The correct preparation of the subfloor is a major part of a successful installation. Subfloor must be flat, max. 3mm over 3.0m. Our hybrid has an attached acoustic underlay suitable for single dwelling residential installations. The use of an additional underlayment is not required and may impact on the performance of the installed floor and its locking system.

All floor surfaces shall be smooth, permanently dry, clean and free of all foreign matter such as dust, wax, solvents, paint, grease, oils and old adhesive residue. The surface must be rigid, dense and free of flaking or powdery substances. Sand all edges if joints are not flush on wood based panels. Subfloor wood based types-Plywood, OSB, Particleboard (PB), and Masonite. They must be structurally sound and installed as per their manufacturer's recommendations. Local building codes may only establish minimum requirements of the flooring system and may not provide adequate rigidity and support for proper installation and performance. If needed add additional fixings to adequately secure an existing substrate. For new substrate material fasten and secure according to panel manufacturing guidelines or meet local building regulations. Lightly sand all surface areas and joints.

Important extra requirement for Particle Board (PB) & OSB sub-floors. Cover with 200um builder's plastic over entire surface. Tape joints. This method is to make sure the Aspire acoustic underlay does not adhere to be sub-floor and create the opportunity for telegraphing any sub-floor movement commonly associated with PB & OSB floor installations.

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Email: sales@cloudwalkflooring.com.au

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Hybrid flooring is not recommended for installation directly over timber strip floors, floating floors or fire-retardant treated plywood or preservative treated plywood. Do not use additional underlay for normal installations it will compromise the click system and void the warranty.

For concrete slab installations. The slab must be dry & level, maximum moisture level 2.5 -4.5% in a 24 hr. period. Maximum level for ASTM 2170 In-situ Relative humidity test method -85%. Do not install over concrete with a history of high moisture or hydrostatic conditions. Ph. level of concrete should be between 5-9. The final responsibility for determining if the concrete is dry for installation remains with the floor installer / contractor.

Installation

Hybrid Super Plank flooring is designed to be installed with the floating method. Do not permanently fix the planks to the subfloor when using the floating installation method. Never install cabinets, kitchen island benches or fixed objects on top of the flooring. 6-8mm expansion space is required for perimeters on general installations. Larger installs may require additional expansion capacity, refer note below. Undercut all doorjambes. Never fasten wall mouldings and or transition strips to the planks.

Wet Areas: Bathroom & Laundry. These areas must be independently installed from any adjoining floor installation. The area must be perimeter sealed with a quality mould resistant sealer as per building code requirements for wet areas.

Expansion recommendations: Optimum raft install size is, 15 m in length and 15m width. For sizes over this you must allow for room to room transmission trims and longitudinal transmission joins to cater for the normal creep and racking that occurs within the overall building structure. 6-8 mm perimeter expansion is recommended for general installations. Avoid excessively long hallway installs that run into large open floor plans, extra expansion capacity will be required. Always consider transmission breaks to improve the performance of your floating install.

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