



TRADEFLOORING NZ LIMITED



Floating Floor Installation & Maintenance Guidelines

Congratulations on the purchase of the latest technological advancement in Stone Polymer Hybrid Flooring. Durable commercial grade and 100% waterproof.

Floating Floor Installation Guidelines:

DualCore flooring is made using the latest technology in SPC (Stone Polymer Composite). The double layered system is the only one in existence and distributed only by TradeFlooring NZ Limited throughout New Zealand.

The double layered system works together to create a very stable, durable planking system that can withstand many harsh environments. Whilst the product is very stable and durable there are strict installation guidelines that must be followed.

The installation must be carried out by a fully trained professional or tradesperson that has the required skills and knowledge of floating floor installations. The manufactures warranties will be voided if the guidelines are not adhered to.

Although DualCore is fully waterproof it is not a waterproofing system. All subfloors or substrates must be checked to ensure they meet the manufactures requirements for levels.

DualCore SPC flooring is suitable for to be installed over under floor heating that must not exceed 27 Degrees centigrade. Note: The flooring performance remains the responsibility of the owner and installer.

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Under no circumstances use steam mops on DualCore SPC flooring, use a micro fibre mop with a spray bottle set to a fine mist. Water is sufficient for cleaning. The use of cleaning fluids and their affects on the SPC flooring are the responsibility of the client.

Whilst the the DualCore composite is very stable and durable all care must be taken to ensure that the planks and the locking systems are not damaged.

General Guidelines

To ensure the correct installation, the following guidelines must be followed along with all installation requirements.

- DualCore Hybrid flooring must be stored in a controlled location with temperatures between 10 - 30 degrees centigrade.
- The temperature after installation must also be controlled to with 10 - 30c.
- Minimise exposure to direct sunlight as much as possible. Exposure to direct sunlight for prolonged or lengthy periods where temperatures exceed 50c may cause the SPC planking to move.
- Ensure that the environment is ventilated and has free flowing air so that the ambient temperature does not exceed 50c .
- If DualCore Hybrid flooring is being installed into a brand new renovated home it is recommended that the installation takes place as late as possible in the renovation to ensure there are no effects from other trades people.
- Always mix planks from several cartons and pallets to minimise and batch or colour variations.
- It is vital that all planks be inspected prior to installation. If you have any concerns about the colour or finish please contact your reseller. **DO NOT INSTALL DEFECTIVE PLANKS.**
- Subfloor inspections must be completed prior to installation and checked for levels and moisture content. All concrete substrates must be fully cured. Surfaces must be level and flat and structurally sound with a maximum gradual deviation of 3mm over 3 metres. Any further variations will void warranty claims. The subfloor preparation is a vital component to ensuring a good quality finish. Greater variations in the floor may compromise the locking system and void the warranty. If installing over existing wooden flooring it is recommended that the SPC planks be laid at 90 degrees to the original wooden flooring.
- DualCore Hybrid planking comes with pre installed acoustic backing underlayment 1.5mm IXPE which provides acoustic properties. Additional underlay is not required and may have a negative impact on the integrity of the locking system.

Locking System

DualCore comes with a strong easy to use locking system. Unilin is a patented locking system along the length and ends of the boards. The ends of the boards are inserted first allowing the locking system along the length to be introduced to its corresponding plank. The use of a rubber mallet and tapping block may be required to ensure the two planks are completely locked. All edges have a micro bevelled edge.

Floating Floor Installation

DualCore has been designed to be installed specifically as a floating floor. Expansion joints are required to all perimeters and fixtures. Skirting boards must be removed to make allowance for an expansion gap (Minimum 6-8mm) for general installations. If skirting boards are required to be left in place expansion gaps will still be required and can be covered with additional trims. Depending on the layout size and floor plan. Rooms that are larger than 12 metres in length and 10 metres in width will require additional room transition strips or expansion bars to allow for movement within the building itself during seasonal humidity and temperature changes.

Prior to installation it is essential to have a plan of the layout and required thresholds. Proper planning will result in a better finish. Check all heights including but not limited to clearance for door frames windows and tiles Etc.

DualCore comes with pre installed underlay making the installation efficient and easy .

1. After completely checking that the subfloor is clean and the entire substrate is free of any visible defects, begin laying from top left to right. Ensure that the tongue side is facing the wall with the required spacers in place. To ensure a natural staggered look do not start with a full board. It is recommended that the first board be cut at approximately two thirds. The remaining one third can be cut to fit as the last piece minimising waste.
2. The second plank, in the first row. introduce the end of the plank lowering the plank gently and ensuring they are both level against the packing spacer.
3. When installing the last plank in the first row be sure to leave an expansion gap that will be covered by the skirting board when the installation is fully completed.
4. Start the second row with the balance of the board remaining after the first row. The plank should be no shorter than 30cm to achieve the best appearance and not compromise the locking system. The end joints should be laid as randomly as possible to achieve the best look and not be any closer than 20cm from any joint. After inserting the ends of the plank into the locking system gently tap the tongue of the long edge into the opposing lock ensuring that is fully in place and square. The use of a rubber mallet and plastic tapping block will be required. Tap the exposed short edge to ensure that the two ends are square locked in place.
5. It is extremely important to constantly be checking that the boards are locked and square and flush. After 3 or 4 rows check that the planks are still up against the packing spacers as this is the datum and foundation of your floor

6. Continue laying planks the length of the room making sure that the required expansion gaps are maintained, also maintaining the minimum cut board length of 30cm and no joints are closer than 20cm.
7. Ensure all exposed edges are protected and covered by trims or transition bars.
8. If DualCore is being installed in any wet areas it is recommended to finish off all joints with of silicon caulking. Although DualCore is 100% waterproof moisture may be retained underneath the planks.
9. DualCore uses a floating floor installation method, do not fasten wall mouldings, Scotia, skirting boards or transition bars and trims to the actual planking.
10. Remove all packing spacers and use the skirting boards to hold the planks in place and cover the remaining expansion gaps.

General Cleaning and maintenance

General cleaning should be done using a microfiber mop. It is recommended that you use a spray bottle of water set to a fine mist. Clean in the grain direction.

If choosing to use a cleaning agent please ensure you read the manufacturer's instructions for use. Any damage to your planking system caused by cleaning agents will affect your warranty.

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