

The logo for Embelton, featuring the brand name in a white, serif font centered within a dark blue rounded rectangle. This rectangle is positioned over a light blue vertical bar that extends from the top edge of the page.

EMBELTON

A photograph of several large, vibrant green leaves with prominent veins, positioned on the left side of the page. The background is a light-colored wood-grain texture.

VINYL FLOORING

INSTALLATION, MAINTENANCE & WARRANTY GUIDE

READ THOROUGHLY BEFORE STARTING INSTALLATION

All installed boards will be considered as accepted by the installer and/or homeowner. Any defects should be reported to the wholesaler or retailer immediately for inspection and/or replacement. We cannot accept responsibility for flooring installed with visible defects.

Warranty Provider

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E: customerservice@embelton.com W: embelton.com | Updated: 01.04.2021

FOR DOMESTIC PURPOSE ONLY

PRE-INSTALLATION CHECKLIST



Checking for signs of Moisture

While Embelton Vinyl flooring is waterproof, subfloor moisture can affect adhesive performance, so it is important to ensure the subfloor is dry prior to installation.

Timber subfloors can particularly react to moisture, bowing and warping and affect the levelness of the subfloor, this may compromise the integrity of the material and affect the visual appeal once installed.

Concrete subfloors can retain excess moisture long after curing, and may be subject to rising damp, even in existing buildings. Look for signs of moisture ingress, efflorescence,



External Site Inspection

- Ventilation - Check there is sufficient airflow underneath the structure to prevent moisture build up below the substrate.
- External drainage - Poor drainage will allow moisture to build up under the property. Check for garden beds against the walls of the foundation. Ensure foundations are thoroughly checked prior to installation.
- External Plumbing - Check for leaks.
- Blocked Downpipes - Causes moisture ingress into walls, which can enter the floor.



Internal Site Inspection

- Leaky Equipment - Check for watermarks around doorways, ceilings and walls from fridges, washing machines, dishwashers, heating and cooling appliances.
- Leaky Fixtures and Seals - Check for poorly sealed sinks, shower basins and other plumbing fixtures.
- Heating and Cooling Systems - All flooring products should be acclimatized before installation. Where heating and cooling systems are installed, they should be active before during and after installation. Maintaining comfortable, year-round living conditions (between 15-30 degrees Celsius) will ensure no excessive expansion or contraction occurs after installation.

Floor Levels

It is essential that subfloor levels meet Australian standards to ensure correct adhesion and to minimize the effects of subfloor show through.

AS1884- requires that subfloors must have no more than 4mm deviation under a 2m straightedge, and for abrupt deviations, no more than 0.5mm under a 150mm straightedge is permissible.

Accordingly, when installing over tiles, ensure no lipping between the tiles is present. Where grout lines are greater than 1mm in width, or 0.5mm in depth, floor preparation is required to ensure a flat continuous surface, minimizing show through.



The Internal Environment

Underfloor Heating

- Under normal use, Embelton Vinyl floors are permitted over underfloor heating systems.
- Heating units must be turned off during installation, and not turned on again until 48hrs after installation.
- Once the heating unit is turned back on, temperature should be increased by no more than 2 degrees per day until operating temperature is reached.
- The underside of the flooring material should never be exposed to direct temperatures greater than 28 degrees.

Maintaining Comfortable Laying Conditions

- While Embelton Vinyl floors are very stable, it is important that the floor's environment is regulated to normal living conditions before during and after installation
- Room temperature should be between 15-30 degrees.
- Humidity levels should be within 30-70%.
- Floor should never be exposed to temperatures greater than 42 degrees, directly or indirectly.
- The environment must be well ventilated. Floors in locked up houses without appropriate ventilation and climate control may be exposed to excess heat or cold which can affect the structural integrity of the product.

Appropriate Window Furnishings

- Harsh direct sunlight will heat up the flooring surface, which can cause discoloration and expansion of the flooring over time.
- Check all external windows and doors have appropriate furnishings such as blinds, shutters, curtains or window tinting to prevent harsh direct sunlight affecting the floor.
- Where vinyl is likely to be exposed periodically to high surface temperatures, a high bond, hard set adhesive suitable for the environment must be used. Please contact Embelton for specific advice.

Heat Sources

- Excessive heat will cause Vinyl floors to soften, potentially leading to structural changes in the product.
- Use of internal heating systems such as floor ducted heating vents hydronic heating systems and fireplaces, must be regulated at all times to prevent the floor from being exposed to excessive heat.

Maintaining Relative Humidity

- While Embelton Vinyl floors are very stable, it is important that the floor's environment is regulated to normal living conditions once the installation is complete.
- In the case of new builds, it is particularly important that appropriate window furnishings are installed to protect the floor from excess heat.
- The environment must also be well ventilated. Floors in locked up houses without appropriate ventilation and climate control will be exposed to excess heat or cold affecting the structural integrity of the product.



Product Inspection

Acclimatisation & Storage

Embelton Vinyl floors must be stored in a regulated environment.

- It is recommended that the packs be stored and allowed to condition in or near the installation area for 24hrs, or until the product has reached the ambient room temperature range of 15-28 degrees.

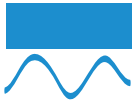
Pre-Installation Inspection

All materials shall be checked to ensure the correct material (colour, pattern and specification) has been supplied prior to installation.

Materials should be laid out and inspected for visual defects in a well-lit area prior to proceeding with the installation.

Defective boards must not be laid, and it is the responsibility of the installer to identify and remove any defective products prior to installation. Any installed planks will be considered as having been accepted by the installer and/or homeowner.

INSTALLATION



Subfloor Preparation

Ensure that the subfloor is clean, flat, dry, smooth and level before installation.

Floor Levelling - Concrete Slabs

- Australian Standard AS1884 states that subfloors must have no more than 4mm deviation under a 2m straightedge, and for abrupt deviations, no more than 0.5mm under a 150mm straightedge is permissible.
- Where these requirements are not met, grind high spots and fill low spots with a levelling compound to ensure the subfloor is level.
- Embelton recommends Bostik's range of levelling compounds.
- Any existing adhesive residues, plaster, paint, oil, grease, etc. must be removed prior to installation.

Floor Levelling - Yellowtongue & Chipboard

- • Correct any changes in height difference by planing, sanding humps (high spots) or by filling depressions (low spots) with a suitable timber filler.

Floor Levelling - Existing Floorboards

- When direct sticking, previously coated timber surfaces should be sanded and be free of dust, oil or contaminants to ensure adequate adhesion between old and new flooring can be achieved.
- A hard sheet underlay must be fixed to the subfloor prior to laying any LVT or LVP materials over existing floorboards.

Moisture Barriers & Underlays

- For Subfloors that do not meet the moisture requirements of AS1884, Embelton recommends Bostik Moisture Seal.



Best Practise Tips

- Pre-select boards that blend best with matching scotia, skirts and trims.
- Randomly staggering boards helps ensure a more authentic overall appearance. Ensure that the minimum offset between adjacent rows is 150mm, or where the board width is greater than 150mm, by the width of the board.
- End boards must be greater than 150mm.
- Installing boards from multiple packs during installation will help balance out normal colour and pattern variations.
- Check door and door frame clearances to ensure that doors will move freely without contacting the floor surface before beginning the installation.



Installation Procedure

NOTE: If any wall is uneven, the material must be adapted to its contours. Mark the planks or tiles with the contour of the wall and cut to suit.

These basic guidelines are to assist in the laying of LVP & LVT planks and tiles, should this process be unfamiliar, you may need to seek further advice from a suitably qualified flooring installer, prior to installation.

Embelton Luxury Vinyl Planks and Tiles must be adhered to the subfloor, using a recommended adhesive suitable for each environment and subfloor, as recommended by the adhesive manufacturer. This may alter relative to specific site conditions.

For standard domestic installations, we recommend the use of Bostik Unilock adhesive.

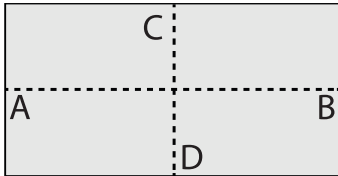
1. Ensure that moisture testing, and subfloor preparation has been conducted, and that the results meet or exceed Australian Standard AS 1884
2. The flooring material must be acclimated to the site for a minimum of 24 hours prior to installation.
3. Check each plank for any defects during the installation, exclude any material that is unsuitable for laying.
4. Before starting, measure the length and width of all rooms and hallways, be sure to plan the layout so that the floor will have an even dimension at the starting and finishing boards within each area.
5. Prior to adhesion, we recommend that the material is laid out over the subfloor, to check that the set out is visually appealing. By dry laying a floor, the pattern can be altered to determine where the boards will finish on the opposite side of any area and adjusted accordingly.
6. To achieve a natural finish, planks should be staggered randomly with a minimum offset between rows of 150mm or the width of the board.
7. To prevent pattern repeats from accumulating in one area, mix materials from multiple packs, to blend the floor.
8. To achieve the best results, the material should run the length of the longest straight wall.
9. If the floor is expected to be exposed to moisture, high levels of heat, significant direct sunlight or large temperature variations, please contact Embelton for adhesive recommendations. This may occur in front of large windows/doors with full sun exposure, around heating appliances, fireplaces, laundries, bathrooms etc.
10. Full coverage of adhesive is critical to have the best results for the installation, adhere to the adhesive manufacturer's guidelines on trowel size and minimum coverage required.
11. Use a 45Kg, three segment roller once bedded, to ensure adhesion and even distribution of the adhesive.
12. Adhesive open times may vary based on the site conditions, porosity of the substrate, temperature and humidity. Divide the installation into workable sections before commencing adhesive spread to ensure the adhesive does not cure prematurely.

NOTE:

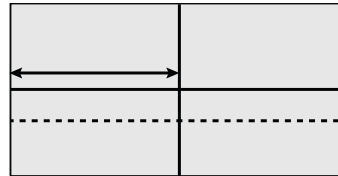
- Perimeter expansion gaps are not required when installing vinyl planks/tiles. They may be butted up against perimeter walls on all sides.
- The perimeter of the floor may be finished either by caulking, by installing matching quad or scotia, or by re-fitting existing trims or skirting boards that may have been removed prior to installation.
- Where an opening, threshold or doorway meets another surface, a decorative trim is recommended to ensure a smooth transition and to protect the exposed edge from damage.



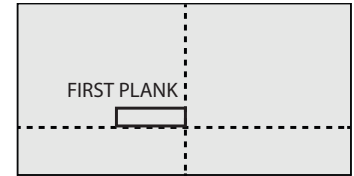
INSTALLATION INSTRUCTIONS



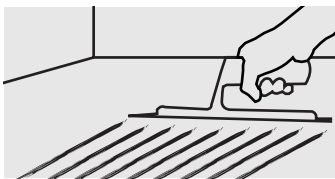
1. Assess the layout of the first room where laying will commence. To determine a starting point, find the center of the room, then use a chalk line or straightedge to strike/mark a line.



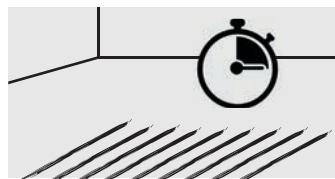
2. Measure out the total width across the room wall to wall. Divide the measurement by the width of the plank or tile. If the last plank is shorter than 1/3rd its width, move the center point as needed so the plank/tile can be trimmed to be cut more than 1/3rd width, where the material meets the wall.



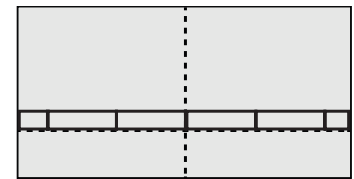
3. Once the layout has been determined, start by cutting the first row as required. Typically, the first board will not be cut in length unless the layout means that the last board shall be less than 150mm. Dry fit (no adhesive) several rows initially to check the position of the layout, and recheck where the floor will finish at each wall.



4. Once your starting point has been checked, apply adhesive to the subfloor along the line (use the appropriate notched trowel according to adhesive manufacturers specifications), where the first few rows are to be installed. Trowel only enough adhesive for the flooring to be laid within the working time of the adhesive. This is typically three to four rows at a time. If in doubt, start with fewer rows. If any adhesive gets on the surface of the vinyl, immediately wipe it off with an adhesive removal wipe or wet rag.



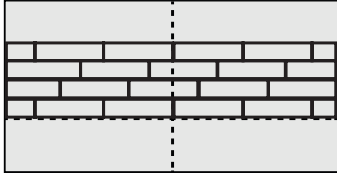
5. Depending on the adhesive used and environmental conditions, some "tack-up" time may be required prior to the material being laid into the adhesive, follow the adhesive manufacturers advice.



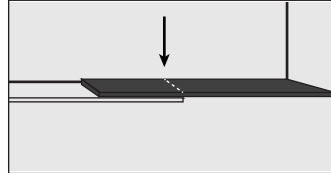
6. Once the adhesive is ready, commence laying the already pre-cut first rows, ensuring that the material remains straight and square as you progress.



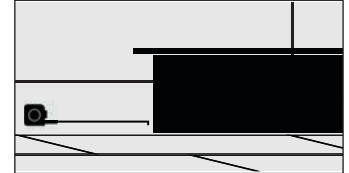
INSTALLATION INSTRUCTIONS CONTINUED



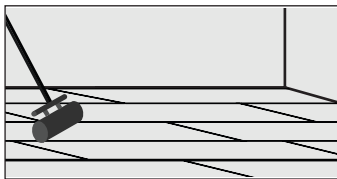
7. Repeat this process of cutting several rows at a time, then applying adhesive, until you reach the last row where the floor meets any vertical surfaces, walls, cabinets etc.



8. To cut the last row to width, place one uncut board on top of the already laid second last row, to mirror the plank or tile underneath. On top of this board, place a second board on top, but hard up against the finishing wall, this will now allow you to mark the board that has been dry laid in the second last row, to be cut to the correct width.



9. Repeat this process at any vertical surface. If the material cannot be fit where unusual shapes or obstacles are encountered, use a measuring tape to transfer dimensions onto the board to be cut or make a template out of rigid cardboard and transfer the shape required to the surface.



10. Once each individual area has been laid, and prior to the adhesive setting, use a 45kg roller, to roll over the floor in both directions. This will ensure that the material has bedded into the adhesive fully, and that no air pockets are present.

FLOOR MAINTENANCE

Your Embelton Floating Floor is designed with low maintenance in mind. Follow these simple steps to achieve many years of enjoyment from your floor.



Preventative Care Tips

Preventative measures are very important in maintaining timber floors

Clean the floor regularly using dry cleaning methods. Suitable methods include using a microfibre spray & mop system, soft broom or vacuum with a soft brush attachment. Regular removal of surface dirt and grit will prevent the surface from scratches. To remove water soluble dirt, clean using a PH neutral Floor Cleaner. First dry clean the floor to remove surface dirt, etc. Spray the surface sparingly with Floor Cleaner and clean using a microfibre cleaning pad. Rinse cleaning pads regularly in clean water during use and replace when dirty. Most cleaning pads can be washed in a washing machine after use, check the manufacturers recommendations.

- In areas of excessive traffic and wear, please make use of runners or area rugs.
- Use felt protectors under heavy pieces of furniture and chairs.
- Use protective mats at all exterior entrances. Do not use rubber-based furniture or mats as the rubber may leach into the floor.
- Spiked heels or shoes in need of repair can severely damage your floor.
- Keep animal nails trimmed to prevent excess scratching.
- Protect your floor by using a dolly for moving furniture or appliances. Try not to slide or roll across the floor.
- Maintain relative humidity levels between 30% and 70% and temperature between 15-30°C
- All doorways and adjoining rooms should have expansion joints.
- Sweep or vacuum as often as necessary to remove any loose dirt or grit before it can scratch the floor.
- Use a slightly damp mop only - avoid excessive amounts of water. Steam mops must not be used.
- Oil soaps, wax, liquid or other household products may affect your coating and should be avoided.
- Avoid prolonged exposure to direct sunlight through the use of blinds or curtains.

Embelton recommends Peerless Jal's Neutral Floor Cleaner and Embelton Spray Mop.

PRODUCT WARRANTY

The benefits to the consumer under the warranty are in addition to other rights and remedies of the consumer under a law in relation to the goods or services to which the warranty relates. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to major failure. All expenses related to warranty claims are the responsibility of the consumer making the warranty claim. The original purchaser of Embelton flooring in Australia is offered the following warranties, effective for purchases made after 1st June 2010. Please note this product is warranted for indoor use only, and is not transferable in the event of a property sale. Embelton Floating Floors installed in rental properties are covered under Embelton's 10 year commercial warranty, not this 25 year residential warranty.

10 Year Limited Surface Warranty

The manufacturer warrants to the original purchaser that the top surface layer will not wear through under normal conditions of wear and tear, for a period of twenty-five years from the date of purchase. Gloss reduction and scratches caused by regular traffic are not considered wear through and are not covered by this warranty. The warranty becomes effective on the date of purchase.

10 Year Structural Integrity Warranty

The manufacturer warrants its product in its original manufactured condition to be free from defects in material and workmanship, including dimension, lamination and assembly (may not apply to special or non-standard grade specifications, as advised at the time of sale).

Notes

Embelton Floating Floors must be laid in accordance with Australian Standard AS1884 and these installation guidelines, indoors in suitable areas. While they are tough and durable, they are not appropriate for outdoors or humid spaces such as bathrooms and saunas. As such, this warranty does not cover floors that are laid in unsuitable areas. Embelton LVT will continue to expand and contract during normal seasonal temperatures and humidity changes. The product, when properly installed, may experience slight expansion, contraction and separation between boards, which is normal. If minor separation does occur, it is not covered by this warranty.

Product thought to be defective by the installer should be returned to your dealer for inspection and possible replacement prior to installation. Installation implies acceptance of the appearance of the product. If a flooring product from Embelton should fail to meet the Terms of the Warranty, G P Embelton & Co. Pty Ltd and the manufacturer, at its option, will either supply a replacement product from the current range, parts to repair or replace the defective product, or refund the purchase price of the defective product prorated over the remaining life of this limited warranty. A minimum of 10% of the total installed surface area must be affected for the warranty to apply. This warranty is exclusive. It covers the repair or replacement of defective materials only. It does not cover mouldings or accessories. It does not cover labour costs. Installation of the replacement products will be at the buyer's expense. The above remedy is the customer's only and is an exclusive remedy for claims under this warranty.

PRODUCT WARRANTY

Conditions

The manufacturer will honour claims under this warranty, only if all of the following conditions are satisfied:

- The covered person must provide proof of date of purchase, original purchase price and that he/she is the original purchaser. He/she must also demonstrate the floor is at the original installation site
- At all times between purchase and installation, the flooring must be properly stored according to installation instructions.
- This warranty applies to interior residential construction only.
- The flooring must be installed in accordance with the installation instructions. Relative humidity in the area of use must be maintained within a range of 30% to 70%. Room temperature of 15-30°C is recommended.
- The use of evaporative cooling will dramatically increase the moisture content of the flooring and can cause growth of the boards, resulting in possible squeaking or damage.
- Embelton LVT must be maintained in accordance with the maintenance guide.
- The warranty will be made void if unusual man-made or natural disasters, including leaking or broken plumbing, fire, flood, earthquake or standing water occur during or after installation.

Warranty Exclusions

The manufacturer's warranty does not cover the following:

- Indentations, scratches, damage caused by negligence or accident, water ingress, insects, animals, high-heeled or spiked shoes, urine and high traffic areas.
- Failure to follow the manufacturer's written floor installation instructions, including protecting the floor from moisture from the subfloor and other sources.
- Exposure to excessive heat, sunlight or improper humidity in the environment.
- Improper maintenance, insufficient protection or misuse.
- Where subfloor heating is used.
- Improper alterations to the original manufactured product. Alterations or repairs to the manufacturer's original product will void any and all warranties.
- Changes in colour or appearance due to full or partial exposure to sunlight, weather, ageing or refinishing.
- Failure due to structural changes in the subfloor, settling of the building or an uneven subfloor that has not been adequately levelled.
- Damage/growth/moisture gain from evaporative cooling.
- Failure to maintain adequate ventilation. Most commonly, this may result if areas of floor are closed off for extended periods of time causing excessive heat leading to moisture loss and damage to the floor.

Warranty Disclaimers

The foregoing is in lieu of all other warranties expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as covered by Common Law. The manufacturer shall not be liable for loss of use or any other incidental or consequential costs, expenses or damages incurred by the original purchaser. This warranty gives you specific rights and you may also have other rights that may vary from State to State. It should be read in conjunction with G P Embelton & Co. Pty Ltd's General Terms and Conditions of Sale (available upon request).

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