



## **FUSION - Elite and Home**

### **Installation instructions**

#### **Before You Start / Preparations**

Please read all the instructions before you begin the installation. Improper installation will void warranty.

#### **Important notice**

- Pegulan Fusion flooring is designed to be installed in a floating floor method and normally cannot be fixed to the sub-floor or restricted at the perimeter. With this type of installation, you must always ensure you leave a 6mm gap between all walls and fixtures, such as architraves, pipes, stairs, etc. These gaps will be covered with a suitable trim molding after the floor is installed.
- For the best result, make sure to always work from 3 to 4 cartons at a time mixing the planks during the installation.
- Calculate the room surface prior to installation and plan an extra 10% of flooring for cutting waste.
- If the boxes of flooring were exposed to over 2 hours to extreme temperatures within the 12 hours prior to installation, then acclimation is required. In this case, keep the boards at room temperature for at least 12 hours in unopened boxes before you start the installation.
- The room temperature must be maintained consistent between 20° to 25° C before and during installation.
- After installation, make sure to keep the room temperature at a minimum of 10°C and a maximum of 50°C. Excessively high or low temperatures may cause this product to expand or contract and lead to visual defects of the floor that will not be warranted.
- For floor areas exceeding 400m<sup>2</sup> and/or lengths exceeding 20m, expansion moldings must be used. Additional expansion gaps should be considered for large multi-rooms or complex layouts.
- Inspect your subfloor before you begin. It must be clean, dry and level to 3mm within a 3 metres span. Installation should be in accordance with Australian Standard AS1884-2012.
- Although this floor is waterproof, it is not aimed to be used as a moisture barrier. The subfloor must be dry with a Maximum 90% RH when tested with a hygrometer, in accordance with BS 8203: 2001. Appendix A (or max 2.5% moisture content - CM method). This product is also not to be installed in areas that have a risk of flooding such as saunas or outdoor areas.
- If this flooring is intended to be installed over an existing wooden floor, it is recommended to repair any loose boards or squeaks before you begin the installation.
- Decide the installation direction. It is recommended to install the length direction of the planks parallel to the main light direction.
- Measure the area to be installed: it may be necessary to trim the width of the first row so that the last row in the installation does not become less than 50mm in width. In narrow hallways, it is recommended to install the floor parallel to the length of the hall.
- Inspect each individual plank one by one before installation. No claims on surface defects will be accepted after installation.

#### **Do not install over**

- Hardwood flooring / wood subfloors that lay directly on concrete or over dimensional lumber or plywood used over concrete.
- Any type of carpet.
- Existing cushion-backed vinyl flooring.
- Floating floor of any type, loose lay, and perimeter fastened sheet vinyl.

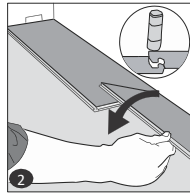
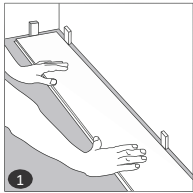
#### **Underfloor Heating**

- This product is suitable for installation over underfloor heating, however these guidelines should be followed. Radiant heat systems must have a minimum of 12mm separation from the product. Maximum operating temperature should never exceed 30°C. Use of an in-floor temperature sensor is recommended to avoid overheating.
- Turn the heat off for 24 hours before, during and 24 hours after installation when installing over radiant heated subfloors.
- Before installing over newly constructed radiant heat systems, operate the system at maximum capacity to force any residual moisture from the cementitious topping of the radiant heat system. Concrete moisture vapor emissions should not exceed 90% RH (ASTM F2170) with a PH limit of 9 / max. 2.5% moisture content (CM method). For subfloors, outside of this range a 6mil (0.15mm) poly-film is required.
- Once the installation has been completed, the heating system should be turned on and increased gradually (5-degree increments) until returning to normal operating conditions.
- Refer to the radiant heat system's manufacturer recommendations for additional guidance.
- **WARNING:** Electric heating mats that are not embedded into the subfloor are not recommended for use underneath the flooring and may void the warranty in case of failure.

#### **Tools and supplies required**

- Spacers • Rubber Mallet • Ruler • Pencil • Tape Measure • Utility Knife

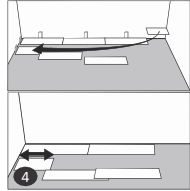
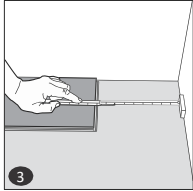
## Installation



1. After thoroughly cleaning the subfloor, you should begin laying from left to right. Place the floorboard 6mm from the left wall. Use spacers between the wall and the floorboard

2. Second Plank, first row. Drop the plank and gently tap down the end with a rubber mallet so it firmly locks into the previous plank until both are at the same height. Make sure both planks are perfectly aligned. Note: If you notice both planks aren't at the same height or are not well locked together, please follow the disassembling instructions at the bottom of the page, disassemble and check if any debris stuck inside the lock is obstructing.

**Warning: failure to properly line up the end joint and attempting to force it in while out of alignment could result in permanent damage to the end joint**

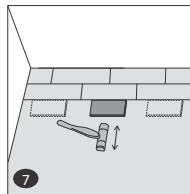
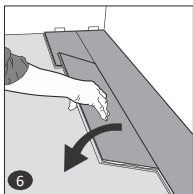


3. At the end of the first row, leave an expansion gap of 6mm to the wall and measure the length of the last plank to fit.

4. Start the second row with the leftover cut part of the last plank of the previous row. This small plank should measure at least 30cm. Otherwise, use another plank that should be cut in two. The end joints of each adjoining row should not be closer than 20cm to each other. Change the sequences of 4 & 5.

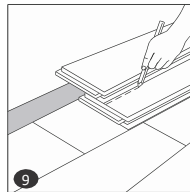
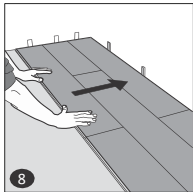


5 To cut the plank, use a simple utility knife and ruler, and with the top side facing up, cut heavily and several times on the same axis. The knife will not go through the surface but will make a deep cut. You can then lift one half of the plank using your other hand to hold down the second placing it very close to the cut. The plank will split naturally. Change the sequences of 4 & 5.



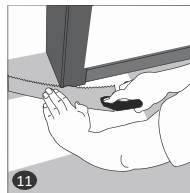
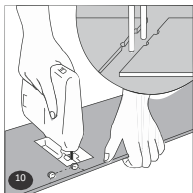
6. Click the long side of the plank into the previous row and place it tight to the short end of the previous plank with an angle of 30 degrees. Drop the plank and gently tap down the end with a rubber mallet so it firmly locks into the previous plank until both are at the same height. Make sure both planks are perfectly aligned. NOTE: If you notice both planks aren't at the same height or are not well locked together, please follow the disassembling instructions at the bottom of the page, disassemble and check if any debris stuck inside the lock is obstructing.

7. After finishing the installation of every row, use scrap pieces and a small hammer or rubber mallet to gently tap the planks into the click of the previous row to make sure they are tightly clicked together and make sure there is no gap between the long side of the planks installed. **Any gapping can compromise the whole installation.**



8. After 2-3 rows, adjust the distance to the front wall to allow for the expansion gap of 6mm. Always ensure that the end joints are staggered by at least 20cm between adjacent rows.

9. To lay the last row: position a loose board exactly on top of the last row laid. Place another board on top, with the tongue side touching the wall. Draw a line along the edge of this boards, to mark the first board. Cut along the edge of this board to mark the first board. Cut along this line to obtain the required width. Insert this cut board against the wall. The last row should be at least 50mm wide. The spacers can then be removed.

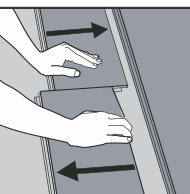
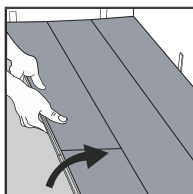


10. Holes for pipes: measure the diameter of the pipe and drill a hole that is 20mm larger. Saw off a piece as shown in the figure and lay the board in place on the floor. Then lay the sawn-off piece in place.

11. Door molding and skirting: lay a board (with the decorative side down) next to the door molding and cut as shown in the figure. Then slide the floorboard under molding.

### Disassemble (un-click)

Separate the whole row by lifting it up delicately at an angle. To separate the planks, leave them flat on the ground and slide them apart. If planks do not separate easy, you can slightly lift up the planks (no more than 5°) when sliding them apart.



## General care and maintenance

Sweep or vacuum the floor regularly to remove any grit or dirt that may scratch or mark the surface. It's a good idea to use good quality door mats to limit the amount of dirt and grit material carried into the house.

We offer a range of cleaning products that have been specifically developed to perform with our floors. Pegulan/Jasol brand maintenance products are recommended.

### Cleaning

Wash the floor using Pegulan Clean Mop as per directions, to leave a streak free finish. Alternatively, a mild detergent in warm water can be used.

**Note: use of other products in an attempt to maintain your floor may damage the floor, rendering the warranty null and void. Maintenance products are available through your local flooring retailer.**

### Care and maintenance suggestions

Whilst Pegulan luxury floors are rugged, they are not indestructible. Please note the following suggestions to ensure the longevity and performance of your new floor.

- Avoid gouging or scratching of the floor when moving heavy objects, the use of a trolley is recommended.
- Avoid heavy point loading on vinyl by ensuring furniture is fitted with suitable swivel glides or castors (not roller castors) with a large enough bearing surface to distribute the weight and prevent point loading.
- Do not use caustic or ammonia-based cleaners. Do not use wax polish.
- Certain rubber products can permanently stain vinyl turning it a yellow colour. Always avoid extended contact with rubber products, such as rubber backed mats, rubber tips on furniture and certain types of shoe soles (particularly black rubber soles). Also, be aware that some paving paints or bitumen carried onto vinyl may stain; likewise, furniture stains can lead to various shades of discolouration.
- Fading of vinyl can be caused by ultraviolet light and heat from the sun, extreme exposure to sunlight through glass doors and windows must be avoided. Draw your drapes or shades during periods of peak sun exposure.
- Remember that any vinyl flooring can be damaged or scarred by cigarette burns, matches or other very hot items. Particular care should be taken with the use of heating appliances.

**Note: Pegulan will not assume responsibility for failure of material caused by any of the above, or for incorrect installation or misuse of material. When in doubt, contact your place of purchase.**

## Residential Wear Warranty Certificate

### Scope

Covered by this Residential Wear Warranty are all floor coverings in the Pegulan range intended for laying in owner occupied residential homes. The warranty applies to current ranges as stated in literature, brochures and samples or as printed on the material at the time of purchase.

### Validity Period

The Residential Wear Warranty's duration varies according to product, quality, and use, as described by Pegulan Floor Coverings.

The start of the warranty is at the date of purchase for the covering by the consumer, shown on an invoice supplied by the Place of Purchase, clearly mentioning the reference code, range and the colour selection. **The warranty covers the original purchaser only and is not transferable.**

### Warranty

The Residential Wear Warranty applies only to products classified as perfects and installed, used and maintained according to Pegulan specifications for domestic/residential use.

### What's Covered

- Apparent defects, indicated to Pegulan or to the Place of Purchase **prior to installing**, such as: appearance defects, structure defects, indelible stains, defects on the backing other than back printing. **If a defect is suspected product should not be installed.**
- Surface wear through (loss of decorative pattern), indicated to Pegulan or to the Place of Purchase during the specified Residential Wear Warranty period.

### **The following are excluded from this Pegulan warranty:**

- Products sold in a quality other than perfect, this includes products sold as "seconds" or "as is".
- Defects caused by installation which is not in accordance with laying instructions given on the packaging or specified by the manufacturer.
- Unsuitably stored or mishandled product and product subjected to use other than for domestic/residential application. **Product is for internal application only.**
- Products damaged during transportation outside Pegulan's responsibility or in any other way outside Pegulan's responsibility.
- Products which are cut or laid with an obviously apparent defect.
- Products having been unsuitably maintained; in a way not complying with the maintenance instructions and recommendations of Pegulan as set out in this document.
- Product for which deterioration, leading to poor performance or failure, is caused by sub-floor/substrate unsuitability, such as but not limited to: unevenness, excessive moisture and installation over existing floor coverings. **Subfloor must comply with AS1884.2012**
- Minor variances in colour, gloss and embossing structure between the product sold and pictures or samples and variations in manufacturing, including colour variation between different production batches.

- Damage caused by stains, burns, cuts, grooves, friction, accidental indentation, loss of colour caused by carpet backings, painted surfaces, subfloor bleed-through, discolouring caused by external products (including but not limited to asphalt, tar, rubber, paint etc).
- Damage caused by stiletto heels and unprotected furniture legs. Damage caused by caster chairs incorrect casters or any heavy point loading. Ensure that load is suitably spread in order to limit indentation damage.
- Defects and damage caused by circumstances beyond Pegulan's control. Loss of colour, fading or damage caused by external sources, including but not limited to: water leaks, flooding, heat, fire and sunlight.

**Condition of Application**

Any claim shall be indicated to your Place of Purchase or Pegulan in writing **immediately** after it is found. The claim shall be acknowledged after inspection/examination of the covering by a Pegulan Representative or a Duly Qualified Authorised Agent. Pegulan reserve their right to require a sample showing the defect found in order to analyse it to their satisfaction.

**Conditions of Compensation**

For any defect found on a product covered by the Pegulan Residential Wear Warranty and conforming to the criteria of cover and application, compensation shall be granted.

Such compensation covers the replacement of the Pegulan Floor Covering Material with either the same or comparable product or colour. Compensation takes into account actual reasonable usage over time and is broken down as follows:

Period after purchase that the defect was recognised. Years	Rate of reimbursement – Replacement Compensation	
	Residential Wear Warranty Period	
	20 Years	15 Years
≤1	100%	100%
≤3	100%	100%
≤7	80%	75%
≤10	60%	50%
≤15	40%	25%
≤20	20%	NA

The information printed in this brochure has been published in good faith for the assistance of our customers. All recommendations and suggestions are made without accepting liability since conditions of use will vary and be beyond our control.

**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 compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure.**

To obtain services under these warranties, contact your place of purchase.

Pegulan Floor Coverings Offices:  
**VICTORIA (Head Office)**  
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