



deZign Luxury Vinyl Tiles [LVT] Interlocking

Part 1: General Information

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Recommended Applications:

LVT; 4mm / 0.3 wear layer residential / moderate commercial

LVT; 5mm 0.55 wear layer commercial grade

Part 1: General Information:

The below guidelines should be taken into consideration before undertaking any installation to ensure the desired outcome.

Floor preparation is essential to ensure trouble free installation.

Should these requirements not be met or are overlooked, you may be jeopardising the performance of the floor and the warranty.

- LVT floor products are only suitable for indoor use.
- Avoid exposure to direct sun light. Ensure sliding doors and windows have sun filtering elements to prevent direct sun exposure.

Note: Always retain a copy of your invoice as proof of purchase and warranty.

Part 2: Floor preparation

Sub Floor

- A suitable subfloor is essential to ensure product performance.
- The subfloor must be smooth, flat, dry, firm and free of movement.
 - Smooth; all surface imperfections should be filled and sanded with a cement based latex patching compound. Sanding of the subfloor is recommended.
 - Flat; sub-floor level must be within 3mm over 1.5m for 360 degrees
 - Dry: sub-floor moisture levels must be below 3%.
- deZign LVT strongly recommends the application of a moisture barrier as a precaution to moisture migration from the screed.
- Completely remove all residual adhesives of previously covered concrete floors.
- The subfloor temperature must be maintained at approximately 18 degrees Celsius for 24 hours prior to installation to ensure correct adhesion and a secure bond is formed.

Concrete Sub Floors.

- Concrete subfloor must be dry, smooth and free from dust, solvent, paint, wax, grease, oil, asphalt sealing compound and other materials.
- The surface must be hard, dense and free from flaking.
- New concrete slabs must be thoroughly dry and completely cured.
- Conduct moisture test (at a depth of at least 25mm beneath the surface as surface readings are sometimes misleading). Do not install if moisture levels are high.

Wooden Sub Floors.

- Consult with your supplier prior to installation.

Ceramic Tiles.

- Fill all grouting to obtain a suitable flat surface.
- Installing over ceramic tiles without filling grout lines can cause telegraphing.
- Tile surface may require several skim coats to achieve a flat surface.
- A self-levelling compound can be used to achieve this.

Existing subfloor coverings

- LVT floor products may be installed over most smooth, single layer, hard surface existing floor coverings, however not recommended.
 - Do NOT install over carpet, which must be removed and the subfloor prepared as required.
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Part 3: Installation.

Tools required

1. Tapping Block
2. Pull bar
3. Spacers
4. Pencil
5. Rubber Mallet
6. Carpenter square
7. Utility knife
8. Cutting board
9. Tape measure
10. Moisture meter
11. Aluminium straight edge -3m

LVT flooring should be stored on site unopened for 48 hours prior to installation at room temperature.

Ensure the site is ready for installation, all other building activities must be completed prior installation to avoid any damage to the LVT floor.

It is important that a ventilated and consistent temperature of 14 to 30 degrees Celsius be maintained, during and after installation for ideal product performance.

Make sure all cartons have the same product code / batch numbers before installing.

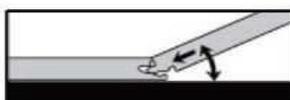
- Colour and batch difference can occur between different batch numbers.
- Check all planks in daylight before installing.

Floor layout;

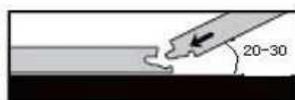
- As a general rule, install the planks in the direction of the traffic flow. It is advisable to lay the planks parallel to the longest room dimension.
 - Carefully determine the square-ness of the room and walls with the aim to determine the width of the last row of planks. If the width of the last row of planks is less than 50mm, the width of the first row of planks will have to cut accordingly.
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Installation;

- All base cabinets must be installed prior to installing LVT flooring.
- Carefully check planks before installing for any defects. Do not install planks that have visible defects.
- Mix panels from different cartons to ensure a random and natural appearance.
- LVT planks are cut using a sharp utility knife and straight edge. Score the surface of the plank with the utility knife and then snap the plank at the score line.
- LVT interlocking floor is a floating floor system and must not be restricted of expansion / contraction movement in any way.
- Allow expansion gaps of 8 - 10mm around the perimeter of the floor and all fixtures. Allow for larger expansion gaps at areas that are exposed to heat / sun.
- Do not use silicone / glue in any expansion gaps.
- Provide for expansion joints in areas exceeding 10 linear meters (in width and length) as well as in doorways and offset rooms.
- Before laying the floor, check that the wall you are starting from is square to the opposite wall.
- Ensure the clicks (tongue and grooves) are free from any dust particles, grit etc (a brush can be used to achieve this).
- Begin with a full plank in the corner of the room with the tongue side towards the wall. [make provision for the expansion gap]
- Insert the tongue into the groove while holding the plank at a 15 – 20 degree angle to the floor. [Illustration 1a]
- Apply pressure inward and down until the planks click in together.
- Upon reaching the end of the row, if the off cut is more than 30cm, this piece can be used to start the next row.
- Start the next row using a 1/3 plank (or the off cut plank)
- Insert the tongue on to the long side of the plank into the groove of the plank in the first row.
- Hold the plank at a 20 – 30 degree angle while applying pressure inward and down until they lock together. [Illustration 1b]



1 a



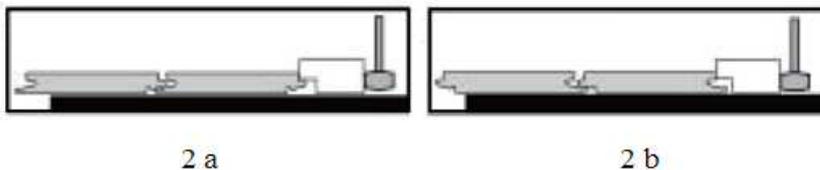
1 b



1 c

- To complete the second and all successive rows it is recommended to lock the short ends into the previous planks before locking the long side of the plank. [Illustration 1c]

- Angle the plank and push the tongue into the groove and adjust it until the tongue locks into place. It may be necessary to lift both planks slightly to lock the joint together.
- Complete each row thereafter using a random layout with end joints off set by at least 20cm.
- Planks can also be installed using a pull bar or tapping block and a rubber mallet in difficult areas, such as the last row and when fitting around a door frame.
- Use a pull bar and rubber mallet to lock the joints together in the last row.
- When installing around the door frame, slid the plank under the trim. This can be done by starting the row on the side of the room with the door frame and then sliding the plank into place once it's attached. A Uniclic approved tapping block and pull bar can also be used to lock the joints together while the planks are in flat position side by side. Use a series of light taps (be careful not to damage the tongue and grooves by tapping too hard) until the joint is gradually locked together.



- Offset end joins by at least 15cm and position in random fashion for natural appearance.
- Finishing profiles should never be secured to the LVT.
- If you are required to replace a damaged plank after installation, apply heat to the single affected plank with a heat gun or hair dryer;
 - Take a trimming knife, cut out the long side of the plank to be replaced and lift out.
 - Cut the tongue and groove off the long ends of the replacement panel, leave the tongue and groove on the short end and fit by locking the two short ends into place.
- The floor can be walked on during and immediately after the installation.

Under floor heating;

- LVT flooring can be installed in conjunction with floor radiant heating systems.
 - Subfloor surface must not exceed 27 degree Celsius.
 - 85% of the floor area must be covered by the heating elements to provide an even distribution of heat over the entire floor.
 - Heating pad systems are not recommended.
 - Do not place heavy rugs on your LVT. This will create heat build-up and will have a negative effect on the floor.
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Initial Handover;

- Clean with a dry microfiber mop or a soft broom.
 - Stubborn marks can be removed using water on a damp cloth.
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Preventive Care;

- Use protective walk-off mats (non-rubber) at all house entrances. This will avoid/reduce transfer of sand, dirt and grit onto the floor.
 - Worn out high heels can also cause damage to the LVT floor.
 - Rubber mats will cause discoloration to your LVT floor.
 - Place floor protectors under all furniture feet which will allow easy movement and prevent scratching. Do not drag objects / furniture on the LVT floor, it can scratch.
 - Sharp objects like stiletto heels can damage your floor.
 - Pets with unclipped nails can cause scratching to LVT flooring.
 - Ensure castor wheel chairs are fitted with soft castor wheels, use chair mats or floor protectors if necessary.
 - Avoid exposure to direct sunlight.
 - Ensure all sliding doors and windows have sun filtering elements to prevent direct sun exposure.
 - Direct sun will cause colour fading and product deterioration.
 - Rugs should be moved around from time to time to prevent fade patterns forming.
 - When using room heaters, ensure the floor area directly in front of the heater is covered. This will prevent the risk of concentrated heat damaging the LVT floor.
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General Maintenance;

- Sweep and clean regularly to remove surface dust and grit using a micro-fibre broom.
- Use a damp cloth or micro-fibre mop to clean dirt and footprints but avoid using excessive water on the floor.
- Do not use any harsh abrasive cleaners, chemicals, dish washing liquid and furniture dusting products.
- Do not wax or polish the floor.
- Spots, stains and food spills should be cleaned up immediately using a non-abrasive cleaner.

- You may remove adhesive, chewing gum or similar substances by applying an icepack until the substance becomes brittle enough to crumble off. The residue may be removed with mineral spirits.
 - Keep spare planks from the same batch in case of remedial work that may be required.
 - Vinyl planks are waterproof, but they do not prevent the transmittance of moisture. Care should be taken to keep away moisture from collecting on either side of the vinyl floor to prevent the growth of mould and mildew.
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Part 5: Warranty

deZign Floor LVT warranty;

- Product; 0.55mm wear layer 20 years residential
15 years commercial
- Product; 0.3mm wear layer 15 years residential
10 year moderate commercial

** For commercial warranty, please check on use and application*

deZign Floor LVT must be installed according to manufacturer's specifications for the warranty to be valid

Warranty includes;

- The floor will be free from manufacturing defects.
- Wear warranty, the floor will not wear through or permanently stain from normal day to day household conditions when it is installed and maintained according to instructions as set out by the manufacturer. [as per period set out above]

Warranty Limitations & conditions.

- The warranty does not cover damage due to improper installation, maintenance, burns, tears, indentations, stains, reduction in gloss level due to normal wear and tear or any exterior factors (like moisture, improper subfloor etc.)
- Panels with visible defects must not be installed.
- The warranty covers the replacement of the affected LVT only.
- The warranty does not include the replacement of a complete floor. The warranty does not cover labour costs, loss of time, incidental or consequential damages or expenses or any other damage caused from the faulty floor.
- If the product or décor are no longer available, a similar décor in an equivalent range will be made available. The factory does not guarantee the availability of a range or décor for the lifetime of the warranty.
- Warranties are instituted on a sliding scale ratio, depending on the time elapsed from the date of purchase.
- Problems experienced or caused by water, moisture or poor installation methods are excluded.
- Warranties are not transferrable and applies to the original user of the floor only.
- The factory holds the right to inspect the floor and panels.
- Please retain a copy of your invoice from your place of purchase for warranty purposes.