deZIGN
THE ART OF FLOORING

vinyl rigid board interlocking floor

luxury vinyl tiles [lvt] dry back / stick down

Part 1: General Information
Part 2: Floor preparation
Part 3: Installation
Part 4: Care and Maintenance
Part 5: Warranty

recommended application

deZIGN vinyl rigid board | S540 | Class 32
commercial / moderate retail applications

Pergo vinyl planks & tiles | Pergo Glomma Pad Pro | Class 23-33
residential / commercial applications

part 1: general information

The below guidelines should be taken into consideration and followed 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.

- VINYL RIGID BOARD floor products are only suitable for indoor use.
- VINYL RIGID BOARD floor products are an interlocked floated application only, not to be bonded down.
- Storage:
  - Boxes must always be stored on a flat surface in neat stacks.
  - Never store the boxes upright.
  - Never store in moist, humid or dusty spaces.
  - Do not store in very cold (<5°C) or very warm (>35°C) places.
- Acclimation; Rigid vinyl floors must be acclimatized in the room of installation between 18-30°C for a period of at least 48 hours before installation.
- Temperatures; The room temperature of 18-30°C prior, during and for at least 24 hours after the installation should be maintained.
- Avoid exposure to direct sun light. Ensure sliding doors and windows have sun filtering
- 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 VINYL RIGID BOARD floor products ALWAYS require a moisture barrier as a precaution to moisture migration from the screed)

concrete sub floors.

- 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. (grout line width greater than 5mm MUST be filled)
- Ensure surface flatness meets required specification. (3mm over 1.5m for 360 degrees)

existing subfloor coverings

- VINYL RIGID BOARD floors may be installed over most smooth, single layer, non-floated hard surface floor coverings, not recommended.
- Do NOT install over carpet, which must be removed and the subfloor prepared as required.

part 3: installation

TOOLS REQUIRED

- Tapping Block
- Pull Bar
- Spacers
- Pencil
- Rubber Mallet
- Carpenter Square
- Utility Knife
- Cutting Board
- Measure Tape
- Moisture Meter
- Straight Edge 3m

VINYL RIGID BOARD floors 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 to floor installation to avoid any damage to the floor.

It is important that a ventilated and consistent temperature of 18-30°C 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.

installation

- All base cabinets must be installed prior to installing VINYL RIGID BOARD flooring.
- Carefully check planks before installing for any defects. Do not install planks that have visible defects.
- Mix planks from different boxes to ensure a random and natural appearance.
- RIGID VINYL 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.
- RIGID VINYL 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, 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, slide 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.



2 a



2 b

- Offset end joins by at least 15cm and position in random fashion for natural appearance.
- Finishing profiles should never be secured to the floor.
- The floor can be walked on during and immediately after the installation.

under floor heating

- VINYL RIGID BOARD flooring can be installed in conjunction with floor radiant heating systems.
- Subfloor surface must not exceed 27 degree Celsius.
- 95% 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 VINYL RIGID BOARD floor. This will create heat build-up and will have a negative effect on the floor.

part 4: care & maintenance

initial handover

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

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 RIGID VINYL floor.
- Rubber mats will cause discoloration to your RIGID VINYL floor.
- Place floor protectors under all furniture feet which will allow easy movement and prevent scratching. Do not drag objects / furniture on the
- VINYL RIGID BOARD floor, it can scratch.
- Sharp objects like stiletto heels can damage your floor.
- Pets with unclipped nails can cause scratching to VINYL RIGID BOARD 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 VINYL RIGID BOARD floor.

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.
- The décor surface of rigid vinyl planks are waterproof, but the board does not prevent the transmittance of moisture. Care should be taken to prevent moisture from collecting on either side of the rigid vinyl floor to prevent the growth of mould and mildew.

part 5: warranty

warranty

- Product; S540 Class 32 (0.40mm wear layer) - 20 years residential | 10 years commercial
- Product; Pergo Glomma Pad Pro Class 23-33 - lifetime residential | 5 years commercial
- For commercial warranty, please check on use and application
- deZign VINYL RIGID BOARD floor 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]
- The warranty does not cover damage resulting from excessive, concentrated or abnormal loads being applied to the flooring, including loads that place undue stress on the locking/click mechanism.

warranty limitations & conditions

- Panels with visible defects must not be installed.
- The warranty covers the replacement of the affected planks only.
- The warranty does not include;
- Damage due to improper installation, maintenance, burns, tears, indentations, stains due to normal wear and tear.
- Damage due to or any exterior factors like moisture, improper subfloor etc.
- Reduction in gloss level or décor fading of floor exposed to sunlight, direct or indirect.
- Replacement of a complete floor.
- 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.

deZIGN
THE ART OF FLOORING