



Vinyl Tile & Plank Installation

The majority of installation issues/failures are not caused by poor fitting but by the failure to condition the vinyl planks & Tiles prior to installation, especially with the unique conditions and fluctuations of temperature experienced in New Zealand.

Project Floors NZ are here to help so if in doubt please call us and read the below. 09-444 4165

Important general information:

Before starting work, make sure that the delivered product is in perfect condition. No claims can be made subsequently for cut or installed goods.

Acclimatization of all Project Floors NZ Plank & Tile Ranges

Project Floors NZ Planks & Tiles must be conditioned for at least 48 hours prior to installation as per NZS AS 1884:2013. Boxes of tiles/planks must be opened and stacked less than 5 boxes high to allow proper acclimatization. NZS AS 1884:2013 requires the room temperature to ideally be between 18 and 26°C but more importantly should be constant and not varying by more than 5-7°C for the 48 hours before nor the 48 hours after installation has been completed.

As changes of temperatures can occur between the day and the night, it is essential that these be avoided. South facing windows and all conservatory windows should be shaded to minimize daytime fluctuations. Heating systems, which are thermostatically controlled should, when necessary, be left on during the night to achieve a constant similar to that of the daytime.

If the installation area is in direct sunlight, pull blinds/curtains or paper block out the windows for at least 24 hours before and after installation.

Issues arising from the failure to correctly condition the tiles and planks, which result in shrinkage or lipping, will not be accepted if the above and below has not been completed.

Installation

In order to achieve an optimal installation result with as little waste material as possible, it is recommended to measure out the area being covered and to divide up the material format and installation pattern accordingly. In order to achieve an optically appealing installation pattern, we recommend that joints are sufficiently offset (for plank formats approx. 30 cm).

Vinyl Planks and Tiles should always be glued over the whole area. To comply with Warranties you are required to only use ProjectBond or an alternative approved adhesive. You can find more detailed information in our adhesive recommendation. Wet bed adhesives are required instead of pressure sensitive adhesives.

A 1.5mm V notch trowel in good condition should be used and maintained (ie. Cleaned and re notched if needed) throughout the installation process.

Under Floor Heating

In installations where under floor heating is used, this should be switched off 48 hours prior to installation until 48 hours afterwards. It should be brought slowly back up by 1°C per day to working temperature; a maximum of 27°C. peak temperature should be avoided for a further 7 days.



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Sub Floors

The quality of a finished installation can be dependent and successful upon the correct preparation of the sub-floor, the attention paid to our recommendations made in various codes of practice and by the manufacturers of the adhesives and smoothing compounds.

The information contained below is given based on substantial years of experience and knowing when things go right and when things go wrong and, more importantly, how to avoid them following a correct approach to each sub floors conditions.

Particle or Strand Board

All joints should be glued for accurate location and finished level. All Chipboard or Strand board should comply with BSEN: 312:2003 and should be free of sealants or coatings which are liable to adversely affect adhesion of the floor covering. Boards with a moisture content of less than 7% and greater than 18%, using an electrical resistance moisture meter, should not be laid onto.

All nail and screw heads must be below the surface of the board and any indentation filled with a suitable flexible underlayment as should the joints between any boards that have been used to overlay the existing floor. The surface should be primed using a primer compatible with the adhesive, (LOCKFAST DURASEAL) as recommended by the adhesive manufacturer.

The primer will minimize adhesive usage and maintain the open time of the adhesive and prevent preferential absorption. On completion of sanding the board and applying the appropriate primer/sealer then a full coat of Matrix or FLC or similar must be applied to the board to ensure the substrate is sound and ready for the product.

Concrete Floor

The most common cause of issues in these types of substrate is moisture either as construction moisture or the lack of an effective moisture barrier on direct to earth sub floors.

All concrete bases, which are direct to earth, must have an effective damp proof membrane incorporated within them. It should only be considered as effective if the perimeter edges are continuous with the DPM in the walls.

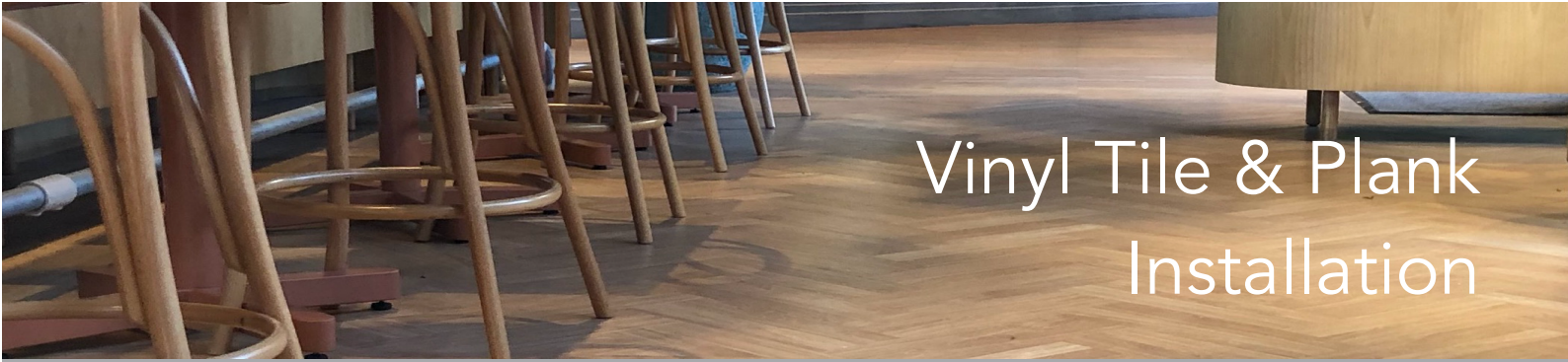
In all cases we recommend the appropriate sealer and dependent on the quality of the concrete floor, minimum feather finish screed or a full coat of matrix to the concrete floor.

Ensuring installing into WET Glue

Once the start point has been established, depending on the size of the area and type of adhesive to be used, Project Floors Requires Project Bond or Approved alternative to be used it may be necessary to section off the area so that the adhesive can be applied to areas that can be laid within the open time. When sectioning off for adhesive application, parallel lines should be marked and adhesive spread within them. This will ensure that only the amount of adhesive is applied that can be laid within the open time.

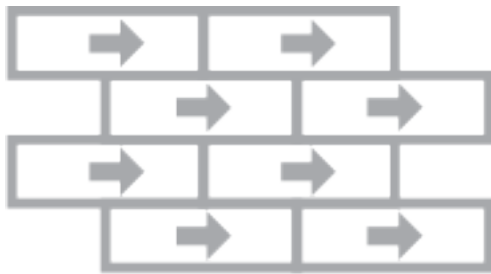
When a section has been laid, except for the perimeter, it should be thoroughly rolled in both directions with a 50-65kg articulated floor roller. Trowels should be checked regularly to ensure the correct notch size is maintained throughout the installation. If the notch shows signs of wear it should be renewed immediately.

With the exception of Project Floors products being installed with a pressure sensitive adhesive, which can receive foot traffic immediately following installation, all projects that have used a water-based adhesive must be free from general foot traffic for a period of 24hrs after installation or protected during this time frame.

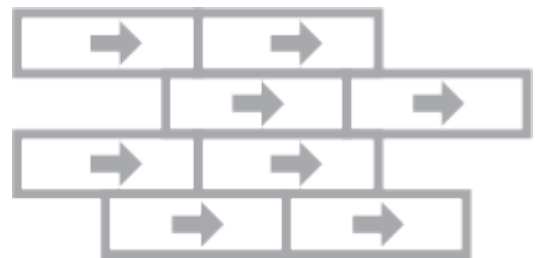


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Installation Patterns:

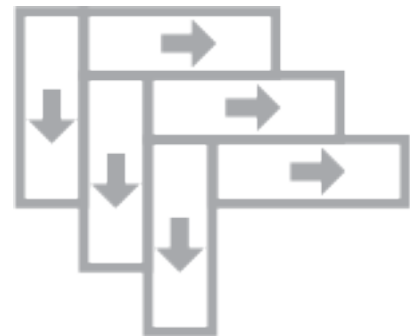


BRICK (PLANK)



Ashlar (PLANK)

- Use only warranted ProjectBond Adhesive available from Project Floors.
- Back of tile arrows show direction.
- Random tiles should have less than 2% waste.
- Always leave spare tiles for customer - repairs and maintenance.
- Always install according to NZS AS 1884:2013



HERRINGBONE (PLANK)