

## Installation

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### Ideal uses

TierT&G is typically used in commercial and retail applications where the subfloors range from timber, concrete, and metal. 20mm product can also be laid directly to floor joists at 400mm centres. Spaces such as domestic, office, leisure, shopping, exhibition and education are all sectors where TierT&G is well suited

### Installation guide

The subfloor should be swept, and cleaned of any impurities that will prevent a full bond between the underside of TierT&G and the subfloor.

Refer to the technical data sheet for the ideal climatic conditions for using Tierdrylay. It is always ideal to allow a new consignment of flooring to climatise to the site conditions prior to laying. Drastic changes in temperature are counterproductive to timber flooring of any kind, thus maintain the conditions advised in the data sheets.

TierT&G is an internal product. Ensure the building is secure and weatherproof prior to laying.

Using self-adhesive Tierfoam 100-098/104 (expanded polyethylene foam tape), apply the correct dimension, depending on your flooring, to the perimeter of the room.

Using an MS Polymer, with the appropriate combed applicator, spread adhesive evenly in the area you will be laying in first. Commence laying the TierT&G in a brick pattern according to the preferred direction in the room. Commence by placing the groove edge of the board against the Tierfoam. As the next line is put in place, push the tongue edge into the groove edge of the first board creating an airtight seal. Continue in your brick pattern throughout the room, not leaving any overlap less than 200mm. This will assist in keeping long runs very straight, and the floor strong.

Take time to make sure your runs are straight with a string line. Use a hammer and long wooden block to adjust the boards seat, light taps will move the board before adhesive is fully cured (check manufacturer's guidelines). Ensure there are no gaps between boards.

As per the data sheets, if your span is more than 15m wide, use either an 8mm expansion joint of a silicone nature, or order a bespoke metallic expansion cover strip.

### Expansion joints

#### *Perimeters*

Use Tierfoam single sided foam tape. Available in different widths to suit your floor thickness, Tierfoam is a Neoprene expanded foam tape that adheres to the upright edge of any floor. Tier foam allows for expansion, and combines as a dust trap prevention.

#### *Mid floor*

TierT&G wood flooring requires an 8mm expansion joint to be fitted every 15m on the width. If you select a silicone joint, use an 8mm packer whilst laying the floor for stability, remove, and mask each edge surface either side of prospective joint with a low tack masking tape. Use a colour matched silicone for the joint.

#### *Metal cover strips*

It is possible to use metal cover strip profiles for expansion joints. There are a selection of finishes and sizes, dependent on your flooring thickness. These will operate mid floor, and the perimeter where a skirting board cannot mask the foam expansion joint.

*NB* Wood is a natural product and will move. A benefit with the Tierdrylay system is that you can reposition the boards if shrinkage occurs. This is not an option on bonded floors.

## Maintenance

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### Maintenance guide

#### Cleaning and maintaining

- The oak wear layer of TierT&G wood flooring is a natural product and it can change in appearance over its life. These changes come in the main by way of general traffic, and variance of light exposure. It is important therefore to maintain your new floor to ensure a lasting brilliance during its use.
- When cleaning TierT&G wood flooring, follow the guidelines below to keep our UV oil finishes pristine.

#### Floor Performance

- To get the best performance from your TierT&G floor, keep a regular inspection pattern of one month. These inspections will determine the regularity with which you will need to use Tiercleancare cleaning solution. Keep a record of these inspection and the results.

#### Usage patterns

Your TierT&G floor will need a different maintenance programme depending on usage:

**Little:** i.e. low traffic areas.

Use Tiercleancare on a weekly basis, manually, use Tier Maintenance Oil annually

**Occasional:** i.e. conference rooms

Use Tiercleancare on a bi weekly basis, with an industry standard machine, use Tier Maintenance Oil semi-annually

**Daily:** i.e. office space

Use Tiercleancare on a Tri weekly basis, with an industry standard machine, use Tier Maintenance Oil Quarterly

**Heavy:** i.e. Thoroughfares, corridors, reception areas.

Use Tiercleancare on a daily basis, with an industry standard machine, use Tier Maintenance Oil monthly

#### Manual Directions

- Use Tiercleancare concentrate, and dilute as per the measurements on the bottle with warm water. Apply to a clean cotton mop for best results.  
**Important:** Before applying to the timber surface, wring out mop head so it is damp, not soaked. The floor surface should never be more than damp whilst cleaning, standing or flowing water over the surface may cause damage to the product.
- Dry the surface after cleaning, before use. Adhere to your office or site area protocols in connection with hazard signs requirement.

#### Machine Directions

- Use Tiercleancare concentrate, and dilute as per the measurements on the bottle with warm water. Apply with a soft buffing pad as recommended by your machine manufacturers guidelines.

**Important: The floor surface should never be more than damp whilst cleaning, standing or flowing water over the surface may cause damage to the product.**

- Clean in the direction of the wood grain.
- Dry the surface after cleaning, before use. Adhere to your office or site area protocols in connection with hazard signs requirement.

#### Periodical revival with Tier Maintenance Oil

- Always clean the surface as per directions above in the first instance.
- Allow surface to dry completely, this can vary from 3-5 hrs depending on climate.
- Using a microfibre roller, apply Tier maintenance oil as per the guidelines on the chose variation of oil. Work the oil into the surface with an industry standard machine, and recommended soft pad.

#### Tiertips

- Sweep the floor regularly, to remove daily grit and dust that may scratch the floor surface when foot traffic passes over it.
- Use self-adhesive felt pads on the underside of chair legs and furniture.
- Use a plastic or carpet chair mat where castor desk chairs are in use.
- Use absorbent cloth to wipe up spillages immediately – remember never use soaking rags, wring out any mops when attending to spillages. Dry after.
- Refer to Tier Global if you wish to use alternative cleaners and oils. Some manufacturers products are not compatible.
- Refer to our technical data sheet for ideal climates for TierT&G floors. Allow floors to acclimatise before cleaning regime is started.
- If your floor is in a large space, segment the area and do a smaller area at a time.
- We recommend product should be left on site to acclimatise for a minimum of one week.
- If there is any doubt with any of the Tier Global directions or guidelines, contact our office on +44 (0) 300 124 0987 for further assistance.

### Tier Q&A

Q *Can I have bespoke patterns and boards?*

A Tier Global is working on bringing other patterns to the market. Currently there are two thicknesses of board, in varying widths. Email us your particular enquiry, and let us help you find the best solution to your specification.

Q *Can I re-sand and polish TierT&G.*

A Yes you can, depending on the product there is 3-5mm of wear layer enabling resurfacing a number of times.

Q *How do I clean it?*

A Refer to the maintenance guidelines, however start with simple soft brush or dust mop to remove loose dirt and grit from general foot traffic.