

tierTM

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INSTALLATION GUIDE



Intertek



floor
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EVA-LAST[®]
INSPIRED BY NATURE, DESIGNED FOR LIFE.

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Thank you for selecting TIER indoor flooring. In these guidelines we aim to assist you in successfully completing an installation that will last as long as the TIER products themselves.

This guide will assist you in laying your TIER flooring boards in a staggered pattern.

Building codes and standards may differ between jurisdictions or counties. Before installing TIER flooring, ensure that all designs are rational and comply with local regulations and building codes, or consult a suitably qualified expert. Ensure that the choice of TIER flooring products is suitable for the application.

PLANNING

PRECISION TOOLS

Spirit level, tape measure and ruler.

HAND TOOLS

Rubber mallet and T-square.



CUTTING TOOLS

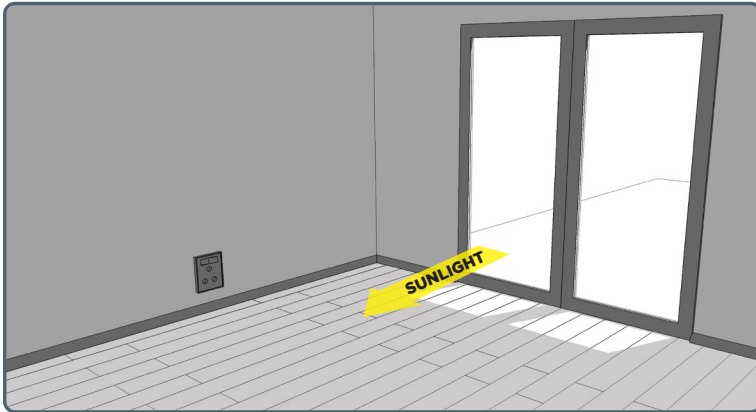
Indoor flooring guillotine/
laminated cutter and utility knife.

SAFETY EQUIPMENT

According to applicable legislation.

- Plan your board laying direction for the project. It is common practice to install TIER flooring in the direction that natural light enters the room, this is typically perpendicular to a window.
- Areas of more than 200 m² will require at least one expansion joint. Areas with continuous lengths of more than 30 meters should also have expansion joints. Smaller areas do not require expansion joints, even between rooms, as you will have sufficient expansion gaps around all edges.
- Check door and door frame clearances before installation.
- TIER flooring should always have a 5 mm – 10 mm expansion gap around all walls and solid structures. These gaps around the edges of your floor are covered using skirting and trims. Plan to pass the TIER flooring beneath door frames where possible, but making sure the floor is not pinned down and has space between the frame and the floor. If not, rather cut around the doorframe and skirt, as you did the walls. The skirting serves a few purposes: preventing the ingress of dirt, hiding the imperfections of cut lines and preventing boards curling upwards at the ends.
- Measure the room carefully to determine if the room is square; if not, the outer (particularly the last) floorboards will need to be cut to match the edges of the room.
- Decide which side of the room will have the last line of floorboards, it may improve the final appearance to have this line at the outer edge of the room, away from adjacent rooms.
- When installing in connecting rooms it is best to start in a passage or in the center of the connecting rooms and work towards the outside of the rooms.
- Estimate the width of the last floorboard, if this is less than 50 mm, start the first line of floorboards by cutting them in half down the length so that the last line of floorboards will be wider than 50 mm.

One should stagger the transverse joints by cutting the first floorboard in each line shorter, for example, at consecutive lengths of 300 mm, 600 mm, 900 mm and then a full floorboard. Alternatively, the off-cut from the final floorboard of the previous line can be used as the starting piece of the next line. It is, however, recommended that transverse joints in adjacent lines should be spaced at least 300 mm apart.

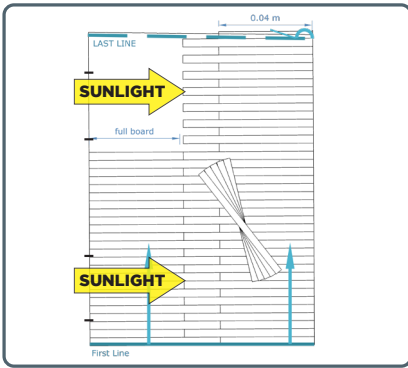


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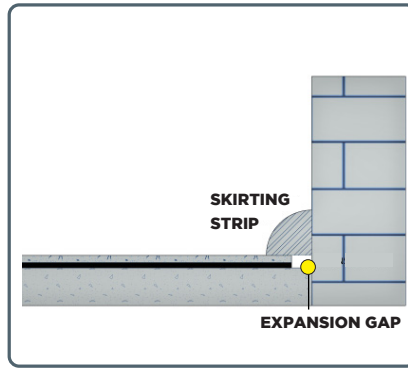
INSTALLATION

- Installation should be undertaken in accordance with applicable local regulations.
- Wear suitable safety or protective equipment in compliance with local legislation.
- The surface onto which TIER is installed should be a level, rigid, flat, dry surface. In most instances it will be required for a self-leveling screed to be laid prior to installation of your Tier product.
- TIER floorboards are suitable for Grade 1 (SANS 10155) floors; permissible deviations should not exceed 3 mm at any point in a 3 meter line. Small imperfections in some surfaces can be corrected with a belt sander, large imperfections can be corrected with a standard or self-leveling screed. The installation surface should provide a barrier to exterior moisture and be fully cured before installing TIER flooring (for allowable limits, refer to Annexure B in SANS 10070).
- Clean and dry the installation surface before installation.
- TIER flooring is dimensionally stable at room temperatures; it is therefore not necessary to acclimatise TIER flooring before installation.
- TIER flooring does not require an underlay, as it comes standard with an IXPE foam underlay attached to the board.
- Spacers should be placed around the perimeter of the flooring area when installing, to allow for expansion and contraction due to temperature changes. A 5 mm - 10 mm gap should be provided for, dependent on the size of the room.
- Expansion gaps should also be allowed for whenever the floorboards meet an obstruction. This can include items such as pipes, columns, fireplaces, doorjambes and the like. Doorjambes can be undercut to provide a seamless finish between the frame and the boards whilst maintaining an expansion gap below the frame.

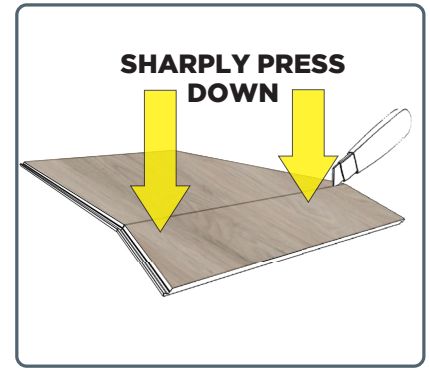
- Start in an appropriate corner of the room, typically beginning with a line of full-width boards, note that the opposite end of the laying area will be cut to fit the last space.
- Your TIER flooring has a tongue and groove fit system, orientate the floorboards so that the grooves face outward from the starting corner or edge.
- Continue down the line of floorboards laying each subsequent floorboard end to end until the opposite edge of the room is reached.
- Pay particular attention to the edges of the first row of boards ensuring that the click system forms a single continuous line.
- When clicking adjacent boards into place, slip the current board into the transverse joint first. Then slide the board up to the longitudinal joint and click into place. The residential click system will simply slide into place.
- The off-cut from the last piece of the line may be used to start the next line of floorboards.
- To cut a TIER floorboard, use an indoor flooring guillotine, laminate cutter or utility knife..
- Place the cut edge of each board towards the wall to allow for the skirting to cover imperfect cuts.
- Ensure the boards are covered by the skirting but do not nail or glue the skirting to the floor. The skirting will allow the boards to expand and contract into their expansion gaps providing structure to the entire flooring system. The snug fit between the boards and skirting will also prevent the ingress of debris that could work its way under the boards. Do not install TIER flooring without some form of skirting.
- Use appropriate caution when using a flooring guillotine, laminate cutter or utility knife.
Warning: TIER flooring can be razor sharp when cut.
- Remove the spacers around the perimeter of the flooring area. Apply the desired skirting or quarter round along the perimeter of the flooring area to conceal the expansion gaps.
- Retain excess boards in the event of unforeseen accidents, store them laid flat in a cool, dry area.
- When removing or adjusting a TIER floorboard, carefully raise both boards either side of the joint simultaneously. Be cautious to avoid bending the click joins on the edges of the board.
- If you plan to place heavy objects on top of your TIER floor, for example, large pot plants or water features, these will prevent the floor from naturally contracting and expanding past these objects. As a result, expansion gaps will need to be cut into the floor around where an unusually heavy load is placed.



Plan your layout.



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MAINTENANCE

- Sweep or vacuum loose debris regularly.
- Polishes and waxes have no effect on the surface of TIER flooring and are therefore not recommended.
- For stubborn dirt, mop your TIER floor using a low concentrate mixture of water and dish washing liquid. Remove excess water.
- TIER flooring is highly water resistant but if a spill occurs, clean up the liquid promptly.
- High traffic areas may wear more quickly, keeping these areas free of dirt and debris is recommended.
- TIER flooring is extremely scratch resistant but for peace of mind use felt pads beneath furniture.
- If you plan to move heavy furniture, lift the furniture when moving it.
- TIER flooring is suitable for robotic vacuum cleaners and robotic mops.