



— CHEVRON —

BY
URBANFLOOR

TIMBERTOP CHEVRON INSTALLATION GUIDELINES

INSTALLER/OWNER RESPONSIBILITY:

Chevron can be nailed/stapled, floated, or glued - however, the **floating system is the preferred installation method.**

Please read the following instructions thoroughly and carefully before laying the floor:

- The bundles of parquet boards must be stored in a cool, shaded and protected dry place (ambient temperature of 64°F to 77°F). Never open the packs until ready for installation as to avoid moisture pickup of the parquet.
- Particularly during winter-time, bundles in their original unopened packaging should be acclimatised to the room temperature for at least 48 hours.
- Each board should be carefully checked prior to installation: never install any damaged planks. Do inspections as you work along.
- Always work out of several different bundles alternately for installation. Mix and match between packs to get better colour and feature matching on your floor.
- **The surface-temperature of the sub-floor, at the time of installation, should be at least 59°F but never exceed 80°F, with the ideal relative humidity of 45% to 55 % but never below 30% or exceed 60%.**
- The sub-floor should be dry, clean, absolutely flat and free of any cracks.
- Flatness irregularities on the sub-floor should not exceed 1/8" in 3' radius.
- In case there is a need to level concrete sub-floor, a cement-based floor-filler should be used.
- Age resistant polyethylene membrane plastic sheets (0.2mm thickness) for vapour barrier are recommended and necessary for **floating-system** installation. Joining between the plastic sheets should have sufficient overlap and/or sufficient tight joins to avoid leakage of vapour from underneath. Recommended overlap should be at least 8".
- It is highly recommended that Rag Paper (Dried felt paper) be used as an underlay above the moisture barrier to reduce the sound of footsteps. You may also use plastic foam (Polyethylene cellular foam) with approved quality standards as an underlay.
- You can also use a 2-in-1 product that incorporates both a moisture barrier and sound barrier in one sheet (e.g. Volara foam or Floor Muffler). Follow underlayment manufacturer for instructions.
- Ensure that the sub floor is thoroughly cleaned to avoid fungus and mold growth. Should the RH of a concrete sub-floor be above 95%, no flooring should be installed. **This is strictly prohibited.**
- An allowance of at least 5/8" on each edge should be provided at all vertical surfaces to accommodate expansions, including at doorway, heating tube outlet, connection with tiles and any fixed items in the area where the floor

is laid. Use spacing-wedges during the installation to assist in maintaining the expansions gaps.

- We recommend that all flooring be laid lengthwise against the longest wall of the room, starting from the corner furthest from the entrance. This enhances the beauty of the room and enables proper workspace practice by not walking unnecessarily on the newly laid floor.
- The plank in the last row must not be less than 2". Therefore measure and plan the floor before the installation begins to calculate the first and last plank with.
- **REMEMBER: Check your floor continuously** during installation. At this time, installed defective boards can easily be replaced. No claims will be entertained for any surface defects.
- **When laying the parquet floor through several adjoining-rooms, expansion-joints must also be provided at every doorway.**
- When using the floating-system installation in a corridor, length-wise laying along the corridor has to be ensured.

SUBFLOOR TYPES AND CONDITIONS

Types: (Refer to *NWFA Installation Guidelines, Section II* for Subfloor Information)

- CD: Exposure 1 plywood, minimum 3/4" thick.
- Solid board: 1" x 6" wide, square edge, kiln dried.
- OSB: Exposure 1 (minimum 3/4" thick).
- Concrete (refer to *NWFA Installation Guidelines, Section II, Chapter 5 & 6*).

The subfloor must be clean, dry, and flat to within 3/16" per 10' radius. If necessary, sand or plane high spots, and fill low areas using a cement based patching/leveling compound. Secure any loose boards or panels to prevent squeaking. The surface temperature of the subfloor, at time of installation should be at least 59°F but never exceed 80°F. Damage due to moisture issues is not a product failure and is not covered by our warranty.

Do not install over an existing glue down hardwood floor.

Our warranties DO NOT cover any problems caused by inadequate substructures or improper installation of said substructures.

OVER RADIANT HEATED FLOORS

Use floating installation **only**.

- Prior to installation over radiant heat systems, it is important to refer to NWFA Installation Guidelines Sect IV, Appendix H. Failure to follow these guidelines can void your warranty and may produce unsatisfactory results. Use only over water-heated systems. Not recommended over electrically heated systems.
- **Please note: we advise that due to the nature of the following timber, Kempas, Maple, Jatoba, Iroko, Beech and Australian timber (Jarrah, Sydney Bluegum, Blackbutt, Tasmanian Oak, Spotted Gum) species of flooring are not recommended for flooring with under-floor heating.**
- Floating floor system laying instructions must be followed and plastic sheet/vapour barrier must be used. The surface temperature from the underfloor heating must not exceed 85°F and the wattage should not exceed 60 watts/m².
- If the heating-system is new, the system has to be switched on for at least 3 weeks prior to laying the floor. Generally with any floor-heating system, the system has to be switched-off 48 hours before the start of the installation. The heating system can be started again 1 week after the floor installation is completed, with a gradual increase of temperature in accordance with the heating-system's regulations. When installing on a floor with under-floor heating system, the moisture-content of the cement based concrete sub-floor must not exceed 1.5% (CM%), or 0.3% (CM%) for anhydrite.
- When the floating-method of installation is employed, skirting-boards should be installed by screwing them directly to the adjacent wall, never fix them onto the floor-boards. This is to allow the movement of the expansion.

- Any cleaning should be done using only damp-dry mop, never use a wet cloth/mop for this purpose as excessive moisture can and will damage your Timbertop flooring.

Claims regarding visible defective floor panels must be made prior to installation. Each board should be inspected to ensure that the quality is acceptable. No claims relating to surface defects can be accepted after installation.

Wood is a natural product with natural variations of colour, grains and characteristics. This is not a defect.

A. LAYING INSTRUCTIONS

1. Measure out the floor and how much you will need allowing for excess and wastage.
2. Prepare the floor and subfloor as per instructions above.
3. **DO NOT OPEN PACKS** until you are ready to install.

ITEMS NEEDED:

1. Straight Rule at least 1 meter (3 feet) long
2. A strong heavy-hardwood or Polyurethane Tapping block and a heavy hammer
3. Polyurethane (non-waterbased) Parquet Glue of your choice. Semi fast curing recommended
4. Electric saws – Mitre Saw, Cross Cut saw or Jig Saw to cut boards to size
5. Table saw to trim final board to appropriate width.
6. Parquet installation Pry Bars.
7. Spacing tabs ($\frac{5}{8}$ " thickness)

B. INSTALLING INSTRUCTIONS

NOTE: The first line has to be installed straight to ensure that the whole floor will be able to be installed properly and accurately. Please follow the instructions carefully so as not to void any specified warranty.

1. Choose the appropriate wall to start in which the parquet will run along. This wall is normally the wall that is farthest away from the entrance so that you will not walk on the installed parquet as you move in and out of the room during installation
2. The first line will be installed away from this chosen wall, leaving space for the straight rule. **IMPORTANT:** The first line must be installed straight so as to ensure the entire floor will be installed properly
3. Open as many packs as needed to provide enough planks for the length of the chosen wall. Each pack comes with two sets of twin pieces. Therefore, if you require 6 planks for the run of the wall, open three packs.
4. Lay out the planks on the floor separating the twin pieces for separate lines. See *Diagram 1*. Inspect all pieces to ensure there are no damages before installation. See Warranty.

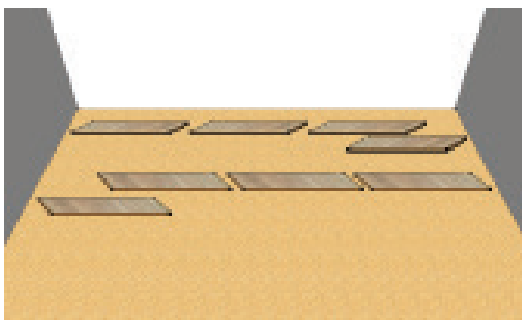
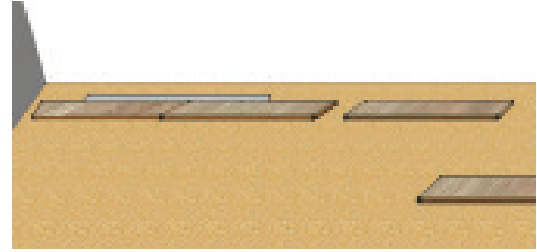


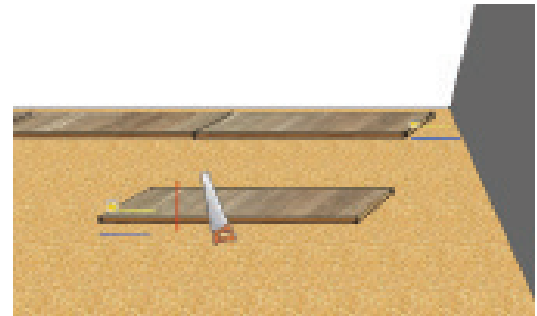
Diagram 1

5. Dry lay the first line so that you may do any manual colour sorting or matching if needed.
6. Choose the first board and cut square off the end closest to the starting wall. Note: The planks are to be installed with the groove side facing the chosen wall and the tongue side facing away at all times.

7. Put sufficient amount of parquet glue into the short end grooves of the next board and slide onto the tongue of the previous board.



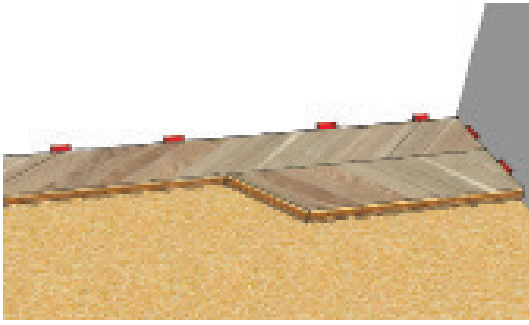
8. Using the straight rule (or the groove side of another board), brace against the first plank. Tongue side faces away from the chosen wall. Line up the board so that they are flush and straight. **NOTE:** this is the most important step to ensure a perfectly installed floor.
9. Continue to install the first line of planks until the end where you will need to trim off the last plank. **IMPORTANT: DO NOT INSTALL THE LAST PLANK OF THE FIRST LINE.** Go back to all the previous joints to ensure the planks are still straight and flush against one another. Allow enough and appropriate time for the glue to set on these short sides. Please follow glue manufacturer's instructions carefully. Wipe off any excess glue from the surface of the planks.
10. While you are waiting for the glue to set, measure the distance of the farthest slanting corner of the last plank to the wall. Ensure you have given allowance for $\frac{5}{8}$ " at the beginning of the line and also $\frac{5}{8}$ " more of the final plank as expansion gaps. Cut square off.



11. When the glue has set approximately one hour or more, slide the whole line towards the chosen wall. Keep a distance of $\frac{5}{8}$ " as expansion gaps using spacers or pieces of timber. When the first line is in place, install the final planks by adding glue to the groove and sliding onto the tongue of the last board. Use a pry bar (if necessary) to ensure it is flush and also a straight rule for straightness.
12. If you are using the glue-down installation method, leave enough space between the wall and the first line while preparing the first line as mentioned above. When the glue joints are cured, you may trowel sufficient glue for the width of the first line. Gently lift one side of the floor and slide it over the glue. Place the first line in position not forgetting the expansion $\frac{5}{8}$ " joints.

THE SECOND LINE AND BEYOND

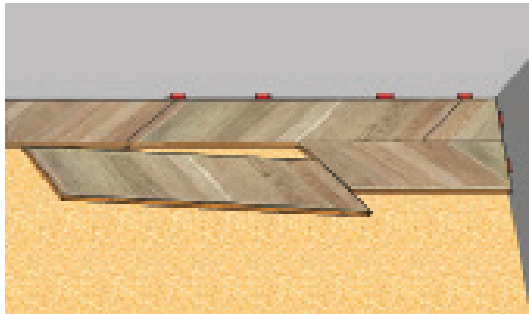
1. Due to the alternate direction design of the Chevron planks, the first plank of the next line begins at the same end you have just finished. **NOTE:** The next line is the twin or the mirror image planks with the slant going the opposite direction of the previous row.
2. Chevron has to be installed with the V design meets one another flush. Therefore the starting plank of the next line is crucial.
3. The end-joints in the middle of the rows of planks should never be installed next to or adjacent to one another. They should be at least two to three lamellas apart from the end joints of the rows on either side of it.



4. Place the first plank against the previous row and flush against the wall (the furthest corner touching the wall). Choose the most appropriate V-groove you want the end to join. Measure the distance enough to make the V-grooves on the face to meet and be in line with one another. Add in the expansion gap distance of $\frac{1}{8}$ " mm and cut square off. Dry lay to ensure you have cut square off accurately.
5. Proceed to apply glue into the groove of the long end and slide onto the tongue of the previous row ensuring that the "V's" all line up properly. Use the tapping block to tap the plank into place. Our planks construction is very secure and extra force can be used if necessary to tap them in.

NOTE: If you are using the Glue-down method, glue application in the tongue and groove is still required.

6. For the second plank, apply glue in both the short end and long end grooves. Firstly, position the short end about a third of the way up on the short end tongue side of the preceding plank and then slide the farthest groove on the long side onto the groove of the long side. Using gentle force, push the planks and slide it along the short end tongue till it cannot slide anymore. Using the tapping block tap the plank into its final position. If done correctly the short ends joint will be flush and wont require any more adjustment. If you do see any gaps, use the tapping block and a hammer to tap the joints shut, hitting against the tongue side of the farthest end. Check that the "V" grooves line up.



7. Continue installing the rest of the planks this same way till the end following the previous instructions.
8. For the final row, trim the width of the boards not forgetting to factor in the min $\frac{1}{8}$ " expansion gaps.
9. Use a pry bar to ease the final plank into place.
10. Once the floor installation is complete, the skirting and trimmings maybe added. The skirting should sit on the floor and fastened to the wall to allow for the parquet to move, expand and equalize to its surroundings.
11. Clean up any glue residue before it cures.

A NOTE ON MOLDINGS

Pre-drill and install quarter round and/or baseboard moldings. Molding must be of sufficient thickness to cover the required expansion space. **DO NOT FASTEN MOLDINGS TO THE FLOORING** but rather attach to the wall. Ensure that there is adequate space between the bottom of the molding and the flooring to allow it to freely expand and contract.

C. MAINTENANCE INSTRUCTIONS

You have purchased a high-quality parquet-floor product with a UV cured pre-oiled finish, which is ready for installation and **will not require any special treatment directly after installation**. What you have to be aware of is that even pre-finished parquet will naturally wear out; therefore some regular maintenance is needed to protect and to preserve its surface:

- Please ensure that an ideal room-climate with about 45-60% air humidity and temperature between 60°F and 80°F is provided. This climate is good for both your health as well as for the well being of the parquet floor.
- Daily cleaning should be done with a vacuum cleaner (if vacuum has a beater bar [bristle brush] turn off before using), static mop or a smooth floor-broom. Any sand or dirt should be immediately removed because they can cause scratches and damage the floor surface.
- **If your flooring has a UV oiled finish, speak to a qualified installer or tradesperson that is knowledgeable in timber flooring for advice in maintaining the oiled finish. Oiled finish should be maintained professionally, but DIY is possible with the many products available in the market. These products must be tested in a hidden corner to evaluate its effectiveness.**
- It is important and necessary that you affix some felt pieces under any furniture-bases or chair-legs etc. to protect the floor surface. For the entrance of e.g. Boutique, Halls, Corridors etc. a good floor-mat is also recommended and will be very useful to help preserve your floor.
- In case of any damage on the surface (e.g. by furniture movement etc.), acquire advice and help from a qualified installer or tradesman that is knowledgeable about oil finished flooring.
- Warranty does not cover any repairs to the floor by any party.

Wood is a living material that swells if their moisture or humidity is raised and also shrinks if their moisture or humidity is lowered. These not only show that your floor is a natural product, but can also lead to some irreversible deformation of the floor if the room climate and humidity is left too high or too low for an extended period of time. This can particularly happen if e.g. - in the wintertime - the humidity (RH) in a heated room goes below the specified 45 %. In this case you should install an Air Humidifier in order to prevent damages to your floor. The same may also be necessary with Air Conditioned room.

Wood is also affected by UV light and therefore will change colour when exposed for long durations. Floor coverings such as rugs and mats should not be placed immediately after laying. The floor should be allowed to stabilize for about a few weeks.

D. WARRANTY

Timbertop is warranted against any manufacturing defects and limited to the replacement of the product only. This warranty does not cover costs of installation or transportation. It is the sole responsibility of the installer not to install any material thought to be defective. No claim shall be entertained for any materials installed, which has visible defects or damage prior to installation of boards. We will not be responsible for damages due to poor installation, transportation or storage. All products must be stored indoors at room temperature and protected from the elements.

VISIT OUR WEBSITE: WWW.URBANFLOOR.COM
FOR ANY RECENT UPDATES OF INSTALLATION GUIDELINES

Questions or Concerns?



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