

3/4" SOLID HARDWOOD FLOORS INTEMPOREL COLLECTION GLUE DOWN

It is important to read all instructions before installing. An installation that does not comply with instructions could void your warranty.

It is recommended that your floor is installed by a certified professional installer.

PRODUCT SPECIFICATIONS

Parquets Alexandra 3/4" solid wood floors can be installed on grade and above grade, with the exception of the Intemporel collection which can be installed on all levels, even below grade as well as on concrete floors and over radiant heat systems. For below grade Intemporel collection installations Hard Maple is not guaranteed.

For Intemporel collection products, the installation can be nailed or glued on plywood with a minimum thickness of 5/8" or glued down directly to concrete or even over a radiant heat system with hot air, hot water or glycol. For nail down installations use nails of 1 1/2" minimum length. Most radiant heat systems are suspended in concrete - use the glue down method for these applications. Occasionally a radiant heat system is suspended in the joist space beneath the plywood subfloor. The recommended method for installation in this application is glue down as well. **Electric radiant systems are not recommended due to the abrupt variations of the system.**

RESPONSIBILITY AND DUTIES OF THE INSTALLER AND OWNER
Prior to installation, the installer and the owner must ensure that the work environment and subfloor meet the conditions and recommendations mentioned in this installation guide.

Parquets Alexandra guarantees the hardwood floor under normal environmental conditions, which means that the temperature of the place is maintained for 7 days at about 22°C and the relative humidity is between 40% (minimum) and 50% (Maximum) to obtain a maximum yield of the dimensional stability of the boards.

Parquets Alexandra floors meet strict quality standards and comply with the standards of the wood flooring industry. A margin of 5% for natural imperfections, manufacturing defects and grade selection is allowed.

If the installer has a doubt about the grade, manufacturing quality and/or finish of any board and cannot place the board in a less visible location, the board should not be installed. Once the board is installed, it is considered to have been accepted by the installer and the owner.

When ordering your floor, a waste factor of 3% to 5% (depending on the location and type of installation) must be calculated for the loss caused by cuts.

¹ installation in angle will cause loss of about 7% to 9%.

WARRANTY HARDWOOD FLOORS

Parquets Alexandra warrants to the original purchaser that the prefinished or preoiled hardwood floor meets the quality standards of Parquets Alexandra and the industry. This warranty applies only if the floor is installed and maintained according to the manufacturer's instructions and applies only to residential and light commercial installations - no warranty is provided for heavy commercial use. This warranty applies to the original purchaser and proof of purchase must be provided for the application of the guarantee. This warranty is not transferable.

Structural lifetime warranty

Parquets Alexandra Structural lifetime warranty in the Intemporel collection applies to all profiling defects. However, a margin not exceeding 5% is acceptable and does not constitute a structural defect applicable to this guarantee. The validity of the structural warranty is based on compliance with environmental requirements and to maintaining relative humidity between 40% and 50%.

Warranty against finish wear- Intemporel (Preoiled)

No finish warranty applies to the oiled finish because the oil becomes part of the wood. It is therefore normal that the wear of wood also causes wear of the oil. This applies to both residential and commercial use.

Warranty Exclusions

Parquets Alexandra assumes no responsibility and shall not pay any compensation for the following points/issues, but that are not limited to these:

- Installation not in accordance with the recommendations of the Installation Guide.
- Improper storage or transportation.
- Different environmental conditions than those required.
- Excessive exposure to sunlight.
- Deformation caused during installation by tools.
- Damage caused by misuse, falling or friction of object, abrasive (salt, sand and other), high heeled or spiked shoes, domestic animals claws and/or other scratches.
- Inadequate protection under the legs of chairs, tables or other furniture.
- When the floor is installed in the basement, with the exception of engineered wood and 3/4" solid hardwood in the Intemporel collection (Except Hard Maple not guaranteed).
- Maintenance does not comply with maintenance recommendations from our maintenance flyer. Parquets Alexandra has developed a range of specific products for maintenance and repair of our oiled floors and is not liable for the use of products other than those distributed under

the brand INTEMPOREL. Maintenance procedure will begin 21 days after the date of production of the wood.

- Use of a different mop than sponge mop or string mop.
- Use of a mop that has been contaminated with other soap than Intemporel products of Parquets Alexandra.
- Mop washed with another product than water.
- Non-pressed mop.

Exclusion of warranty due to natural physical properties of wood

The following natural phenomena are excluded from the warranty:

- Depending of humidity variations the wood expands or contracts and can create thin gaps between the boards.
- Exposure to light and to air alters the color of all wood species.

Parquets Alexandra obligations

Parquets Alexandra responsibility is limited to the repair or replacement of the defect and does not cover any costs of labor or other disadvantage connected to replacement of a floor/defect.

Claims Process

For filing a claim, you need first to contact your authorized Parquets Alexandra retailers. The written complaint must reach Parquets Alexandra within six months after the problem occurred. Failing an agreement with your retailer send all documents submitted to your retailer by mail to:

Parquets Alexandra
945 rue Jean Marchand, Lévis, QC
G6V 9G5

Or by email at:

info@parquetsalexandra.com

Warranty Registration

The registration form of the guarantee is on our website at www.parquetsalexandra.com.

RECOMMENDED TOOLS AND ACCESSORIES

1. Vacuum or sweep
2. Wood Glue
3. Leveling compound [if needed]
4. Level - 8' Straight edge
5. Wood Moisture Tester [and concrete if necessary]
6. Measuring tape
7. Chalk line
8. Square
9. Trowel
10. Mitre saw
11. Knocking Block
12. Flat bar
13. Putty Knife 4 "or 5"
14. Handsaw
15. Hammer
16. Parquets Alexandra Repair Kit
17. Parquets Alexandra maintenance kit

18. For glued down installation, here are the recommended adhesives

19. • Finitec (888) - 838 to 4449 www.finitec-inc.com
20. • AD-532
21. AD-844
22. AD-844 MS
23. Check with the manufacturer of the adhesive if it is suitable for radiant heating systems.

Note: Parquets Alexandra is not responsible for damage caused by the use of inadequate tools.

PREPARATION OF PLACES

The installation of a wood floor should be the last stage of your project. Here are points to confirm before proceeding to the delivery and to the installation of your wood:

- The heating system must be functional and the temperature of the room must have been maintained at 22°C for a whole week.
- The relative humidity must be between 40 % and 50 % otherwise delay the installation and the delivery of your wood (never store the wood boxes in an inadequate place such as a shed, an unheated garage or a basement).
- The moisture content of the plywood must not exceed 11 % and the differential between the sub-floor and the wood boards must not be over 4 %. If the humidity level is too high, warm, ventilate and dehumidify the location more. The gap between the boards humidity of 4 1/4" wide and more, and the plywood must not be up to 2 %.
- The sub-floor must be dry and the basement well ventilated to avoid damage caused by this potential source of humidity.

Acclimatization

Store boxes in the room where the floor will be installed at least 48 hours before the installation by respecting the standards of humidity mentioned above. It will allow the wood to take the same environmental conditions as the room.

SUBFLOOR STRUCTURE

Types of subfloor on which you can install your preoiled floor:

- Traditional wood structure (beams and joists)
- Concrete slab
- Radiant heat system hot air, hot water or glycol

To assure an excellent stability to our products of hardwood recovery, it is very important that our products are installed on plywood substrate and that the nailing or stapling is made following the N.W.F.A. norm which applies to each width of boards.

A flooring product of 3/4" (19mm) in thickness, from our society, installed on a <<OSB>> substrate type which was not glued in addition of being nailed or stapled, automatically lose any form of guarantee. Before proceeding to the installation of any type of flooring, the installer must imperatively be assured that the substrate humidity is not over the percentage pre determined by Parquets Alexandra Inc.

TRADITIONAL WOOD STRUCTURE (beams and joists)

Parquets Alexandra recommends that the sub-floor consists of plywood of a minimum thickness of 5/8" or oriented strand board (OSB) of 3/4" of thickness, if the structure has joists centered at 16". The sub-floor Advantech is not recommended nor guaranteed. The stability of the existing sub-floor is a guarantor for the quality of the installation of your floor.

Preparation and correction of the sub-floor

Structural state:

The sub-floor must be solidly fixed to joists with screws to prevent the movement of the plywood panels which could lead to cracks/squeaks. Replace a sub-floor that has been damaged by the water

Leveling:

The surface should be flat, it should not have irregularities of more than 1/8" on a distance of 6 feet or 3/16" over a distance of 10 feet. You can correct irregularities in the subfloor by sanding/planning high ridges and/or filling low areas with a leveling compound approved for glue down installations.

Humidity and cleanliness:

The moisture content of the plywood must not exceed 11% and the differential between the subfloor and the wood boards must not exceed 4%. If humidity levels are too high, heat, ventilate and dehumidify the location more. The surface must be clean and it must be cleared of debris, staples, adhesives and exposed nails.

CONCRETE SLAB

The concrete subfloor must be completely dry. Allow a minimum drying period of 60 days (90 days or more may be required). Check if there is presence of moisture on the concrete with a concrete moisture tester. If so, perform a calcium chloride test. The concrete moisture levels must not exceed 3 lbs per 1000 ft2 per 24 hours. You can also do a test by taping a plastic sheet over the concrete for 48 hours to see if the concrete changes color or if condensation appears. For installation on a concrete slab in the basement, the expansion joint will be doubled, 1 1/2" instead of 3/4".

Preparation and correction of the sub-floor

Structural state:

The concrete must have a compressive strength of 3000 psi (20.7 MPa).

Leveling:

The surface should be flat, it should not have irregularities of more than 1/8" on a distance of 6 feet or 3/16" over a distance of 10 feet. You can correct irregularities in the subfloor by grinding high ridges and/or filling low areas with a leveling compound approved for glue down installations.

Humidity and cleanliness:

The concrete moisture content should not exceed 5%. If moisture content/humidity levels are too high, heat, ventilate and dehumidify the location more. The surface must be clean and it must be cleared of debris, staples, adhesives and nails. All traces of concrete sealer should be removed with a sander. To check if the concrete is covered with a sealer, drop a drop of water on it; if the drop is absorbed by the concrete, there is no sealer.

RADIANT HEATING SYSTEM (HOT AIR, HOT WATER OR GLYCOL)

Make sure that a heating and leakage test has been made and the system has been turned on and off repeatedly for a few weeks prior to the installation of your hardwood floor. Before installing, you must ensure that the heating system is switched off and that it has reached room temperature. Pay attention to your system ducts; if they are exposed, they must be covered with plywood of 3/8 inch. Once the installation is complete, gradually increase the temperature of the heating system by 3°C (5.4°F) per day. The temperature of your heating system should never exceed 30°C.

SUGGESTED TIPS AND WORKING METHOD

- Floor should be installed in the opposite direction (perpendicular (90°)) or at an angle of 45° compared to the joists in a plywood installation.
- Vacuum regularly during the installation to eliminate sawdust.
- Always use a knocking block, do not use a hammer directly on floor boards.
- Never put your tools working directly on the wood floor: it could damage the wood boards.
- To ensure consistency of your floor, make a selection of boards from at least 3 boxes at a time.
- Avoid getting adhesive on the tongue or in the groove as this will make it extremely difficult to install the next board/row.
- To avoid movement of boards during installation, which would cause permanent gaps between them, use blue tape "3M" to keep the boards in place. Remove the tape carefully the following day.

EXPANSION GAPS

The expansion gap allows the wood to be responsive to humidity changes. These gaps will be hidden by the baseboards and/or quarter-round that will be fixed to the walls at the end of the installation. It will be very important not to fix the baseboards or moldings to the flooring boards but to the walls. If your baseboards don't have the exact size to cover the expansion gap required, then it is possible to remove a strip of drywall at the bottom of the wall the same thickness as the flooring boards in order to allow the floor to expand under the drywall.

Space required for expansion	Maximum width of the room	Maximum length of the room
1/2 inch (13 mm)	Up to 26 feet (8 meters)	Up to 52 feet (16 meters)
3/4 inch (19 mm)	From 26 to 40 feet (7 to 12 m)	From 52 to 80 feet (14 to 24 meters)

* For installation on a concrete slab in the basement, the expansion gap will be doubled, 1 1/2" instead of 3/4".

INSTALLATION

Step 1 - CREATING THE STARTING LINE

Parallel to the wall and at a distance from the wall (established by adding the width of flooring boards to your expansion gap) snap a starting line with your Chalk Line. To maintain the expansion gap during installation, use spacing blocks or shims between your floor boards and the wall (remove these after the installation is complete).

Nail guides planks along the starting line drawn earlier. Make sure they are the same width as your floor. These strips will serve as your reference points for the installation of the first row.

Step 2 - APPLYING THE ADHESIVE

Begin applying adhesive sliding the trowel at an angle of 45°. Check the working time for the adhesive on the label and spread only enough adhesive to cover an area within the working time. This working time may vary depending on the adhesive manufacturer, temperature and relative humidity in the room.

Step 3 - INSTALLING THE BOARDS

Important note: Ensure the first row is straight by confirming this with an 8' straight edge before proceeding to the subsequent rows.

Make the selection of your boards, those that have imperfections will have to have the imperfection cut out (these boards can be used to start or finish rows) while those who have colors variation too obvious can be relocated (e.g. closets).

FIRST ROWS - Make the installation of the first board along the guides plank, the side of the tongue (male) facing outward and the groove (female) facing the starting wall. Work from left to the right so that the tongue on the butt seam is visible (until covered by the final, cut, board)

There should be an expansion gap of 3/4" at the extremities of each row.

The last board of the row must be cut. The remaining piece can be used to begin a subsequent row to minimize waste. Ensure that the remaining piece is at least 6" longer or shorter than the board used in the previous row. The gap of the transverse joints from a row to row has to be at least 6" (see figure below).



Carefully install the next rows placing the next board as close to the installed board as possible to prevent excess glue from reaching the surface. Slide the tongue into the groove and press the board into the adhesive. Note: If adhesive does reach the surface remove this excess adhesive as soon as possible with Intemporel Stain Remover

SUBSEQUENT ROWS - follow the same steps performed above. Occasionally check to ensure rows remain straight using the 8' straight edge.

FINAL ROW - The final row usually requires ripping of the boards to ensure that the expansion gap is maintained (this includes the tongue on the final row - it usually must be removed by ripping).

When you have finished installing the floor, remove the guide planks, the blue tape (carefully) and the weight used to ensure the flooring is pressed into the adhesive.

Step 4 - MOLDINGS INSTALLATION

It is possible that you have to install moldings such as nosing, T-Molding, quarter round and reducers. They are available in the same species and the colors as your floor. Thus you can order these moldings directly from your retailer at the same time as the wood.

Pre-drill your moldings to avoid cracking them when they will be nailed. Nail the moldings to walls and not to the boards, this will allow the natural movement of the floor.

Step 5 - MAINTENANCE

Note: A 24-hour waiting period must be provided for the adhesive to set before placing furniture and regular traffic can begin.

Vacuum the floor and clean it with the use of the Intemporel Woodsoap. It is recommended to keep an extra box of flooring to allow repairs to be made in the event of serious damage occurring. If you have very small defects on your floor use the Intemporel Repair Kit.

REGULAR MAINTENANCE	
Sweep, vacuum or damp mop.	If necessary to remove dust and light dirt.
Wood Soap	Add 1 capful (10ml) per 1 liter of warm water. Mop with a well wrung out mop. Do not rinse. Let dry 30 minutes. Frequency: Ideally all washes
Revitaliser (spray)	Spray on the floor. Apply in the direction of the boards with a well wrung out mop. Let dry 30 minutes. Contains natural waxes soluble in water. Frequency: Ideally every four washes

For regular maintenance of preoiled floors refer to Intemporel maintenance sheet on our website at www.parquetsalexandra.com



Parquets Alexandra recommend to use a string mop for the maintenance of the floor. Do not try other types of mop, such as steam mps, which open the wood pores and let penetrate water in the floor. Furthermore, flat mop (mop with reusable pad) must be washed in the machine with water only. Do not wash it with detergent and/or softener. These products affect the fiber and leave a greasy substance on the floor.



WARNING!

Never clean a hardwood floor with lots of water.