



Grand Cru Chevron Series

Pre-installation Instruction	2
Installation Instruction	7
Care and Maintenance	9
Product Warranty	10



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Responsibility of Homeowners and Installers:

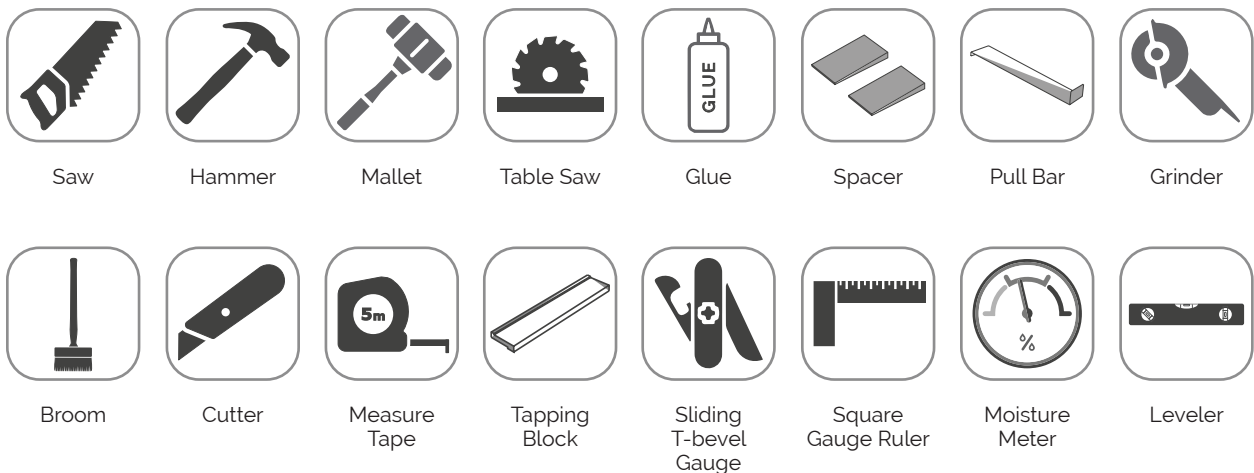
- It is a high recommendation to all installers to read through installation instructions before proceeding installation.
- A visual inspection of different boards by opening several boxes of the product with homeowner or project management is highly recommended before commencing installation.
- Do not proceed with the installation if the product is not satisfying with color or quality. Once the product has been installed, it is considered products are deemed to be accepted by customers. It is the installers' responsibility to communicate with the homeowner during this entire inspection process.
- All AquaFix-Grand Cru Chevron products are manufactured to meet practical industry standards with a maximum of 5% of defects as milling tolerance. Throughout the entire installation, any pieces of flooring that appear to contain a manufacturing defect should not be installed.
- It is the responsibility of the installer and homeowner to ensure all job site condition requirements are reached before commencing installation. Manufacture takes no responsibility for defects causing by improper job site preparation and installation procedures.

Do not install any defect or unsatisfactory planks.

AquaFix-Grand Cru Chevron accepts no responsibility for any cost related to the installation of an unsatisfactory product.

Part 1 Pre-installation

A: INSTALLATION TOOLS



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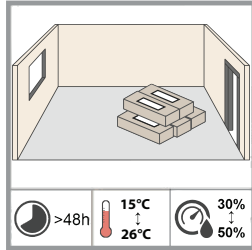


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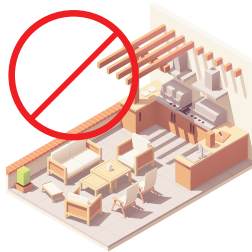
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B: STORAGE



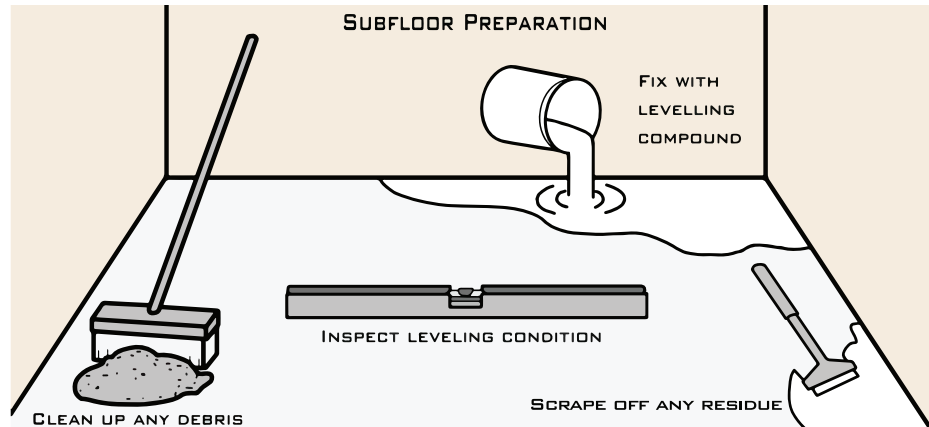
- **Delivery**
 - Please do not deliver flooring to the job site if the job site's climate conditions have not met, as described in section E.
 - During transportation, all packages must be well protected from the weather.
 - Always transport AquaFix WPC in a flat position.
- **Storage before installation**
 - The panels should be stored unopened in the middle of the room at a room temperature of 15°C (59°F)-26°C (80°F) and relative humidity of 30%-50% for min. 48 hours.
 - Never store boxes on their sides.

C: APPLICATION



- AquaFix-Grand Cru Chevron is intended for **indoor use** as flooring cover only.
- Only floating installation method is permitted. Adhesive should not be used to glue down the flooring to the subfloor.

D: SUBFLOOR CONDITIONS



- **Evenness**

The subfloor must be fixed to an even condition as follow:

 - Maximum +/- 0.1" per 6.6' (2.5mm per 2m) radius span.
 - Maximum +/- 3/16" per 10' (4.7mm per 3m) radius span.
 - Sand down any irregularities, fill any uneven spot with NWFA approved leveling compound.
 - No crack or deflection is allowed.
- **Deflections**

Maximum of 1.1mm (3/64") is allowed..
- **Existing subfloors**

Do not install WPC flooring over any type of existing flooring and carpet.

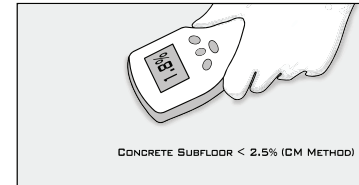


- **Cleanness**

The subfloor has to be clean before installing the WPC flooring and free of any debris or any microorganisms.

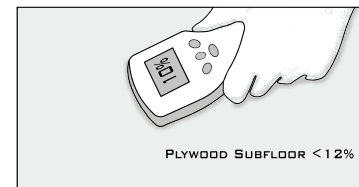
- **Installation on concrete**

- The concrete subfloor must be tested for moisture content using the CM (Calcium Carbide Method) test method and must return a reading of no more than 2.5% as moisture content of the substrate.
- Must be completely dry for at least 60 days before commencing installation.

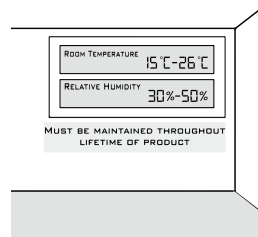


- **Installation on wood subfloors**

- Plywood subfloor moisture content must not exceed 12%, and the variance in moisture content between the subfloor and the flooring panels must not exceed 3.5%.
- All squeaking noise coming from the substrate should be fixed before the installation of new flooring.
- In Canada, it is required to use a minimum of 5/8" tongue and groove (T&G) plywood or 3/4" T&G OSB for subflooring. The subfloor panels must be securely attached to the joists, free of squeaks, bounces, with maximum deflection of 1.1mm or 3/64".

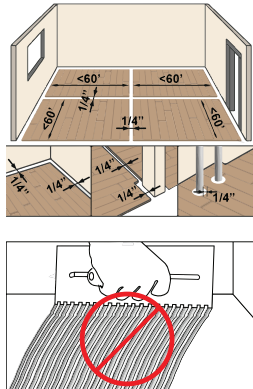


E: TEMPERATURE AND MOISTURE CONDITIONS



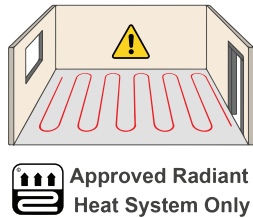
- It is also important that the flooring material is in the same temperature range as the installation site. Do not deliver flooring to job sites if climate conditions have not been met, as described below.
- Allow the flooring to acclimate at the climate-controlled job site for a minimum of **48 hours** when the desired climate range has met.
- The room temperature should be **15°C (59°F)-26°C (80°F)**. With relative humidity between **30%-50%**. These environmental conditions must be maintained for the life of the product. (before, during, and after the installation)
- WPC Flooring core is designed to function within a temperature range of 0°C (32°F) to 36°C (96.8°F) once installed. However, during winter or when the room temperature drops below 5°C (41°F), it is essential to adjust the room temperature to above 5°C (41°F) for at least 72 hours before walking on the floor. This prevents squeaking of the butt ends, which could damage the butt end's interlocking mechanism.

F: SPACE FOR EXPANSION & MAXIMUM SIZE WITHOUT EXPANSION GAP



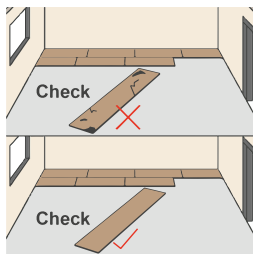
- During installation, leaving a 1/4" (6mm) expansion space around the entire perimeter of the floor between the flooring and the walls, and all vertical/fixed objects (e.g., door structures, fireplace, tiles, cabinets, kitchen island, and so on). Undercutting vertical structures might be an option by ensuring no damage to the structural function of the objects.
- No fixing with the subfloor**
 - The flooring is laid without using any adhesives or other means of attachment - the tongue and groove are mechanically locked together.
 - Under no circumstances must the panels be glued, nailed, or otherwise fixed to the subfloor.
- Do not exceed 60 linear ft radius span** without an expansion gap and transition molding.

G: INSTALLATION OVER A RADIANT HEAT SYSTEM



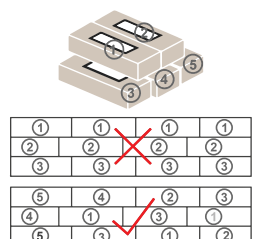
- AquaFix-Grand Cru Chevron WPC Flooring can be installed over the hydronic and electric radiant heat system. Both hydronic pipes and heating wires must be embedded and isolated with a minimum of 3/8" (9.5mm) thick concrete or plywood.
- Ensure that the system is in full working order and has been fully tested and running for a minimum of two weeks before installation. The system should be turned off for 24 hours prior to installation in the install zone.
- It is strongly recommended to attach heat sensors onto the subfloor every 200sf of areas.
- During installation, the temperature should maintain above 5°C(41°F). **Never allowed the surface temperature of flooring go above 30°C (86°F)**
- Always adjust the temperature control at 4°C to 6°C gradually increments. Any dramatic temperature will cause damage to flooring.
- Do not use electric wire type area rugs due to dramatic fluctuations of temperature that will cause damage to WPC flooring.

H: PRODUCTS INSPECTION



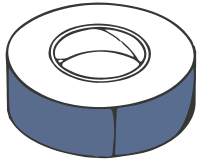
When racking, inspect all boards for visible manufacturing defects. The dealer may replace boards with manufacturing defects in excess of industry standards (5% of total quantity) under the terms of the product warranty. **Once installed, boards will be considered to have been accepted by the homeowner; even the homeowner is not present during installation.** Supplier accepts no responsibility for problems arising from this incorrect handling.

I: PANEL MIXING



- Prepare at least four packs of flooring. Mix panels from different packs during installation.
- We recommend the alternate fitting of the panels from four different packs at the same time.
- Keep alternating the panels across the entire floor area. This guarantees the best possible appearance of your flooring product.

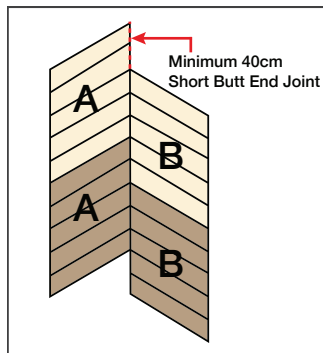
J: USE OF MASKING TAPES



3M Scotch Blue Tape

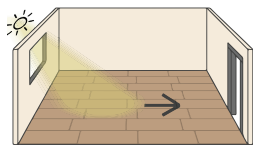
Only **3M scotch blue tape** is allowed for all types of installation methods.

K: STAGGER PATTERNS



- Stagger short end (butt joints) with a minimum of 15.75" (40cm) for the adjacent two rows.
- Avoid using boards less than 10" (25.4cm).

L: LAYING DIRECTION



- The recommended installation direction is lengthwise to the main light source.
- The joints are more visible crosswise than lengthwise to the light source.
- This is only a recommendation because there are also other influences.
- Avoid placing short end joints over seams of the subfloor.
- **For installations on plywood or OSB subfloor, the direction of the installation must be perpendicular to the subfloor joists.**

M: UNDERLAYMENT REQUIREMENT & LAYING

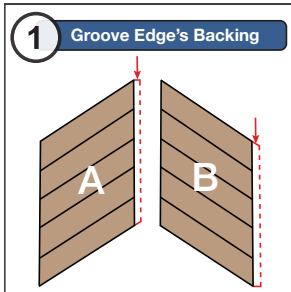
- **Underlayment requirement:**
 - The recommended underlay for this flooring material is **Good Neighbour** Underlayment, **which has already been attached to the plank.**
 - Additional layer of vapor barrier may be used when proceeding floating installations below ground level.
 - If the additional underlayment is used to provide additional sound transmission rating, Cork underlayment with density equal/above 250kg/m³ is required. This will reduce excess up and down movement, which can cause damage to joints.

N: TRANSITION MOULDING

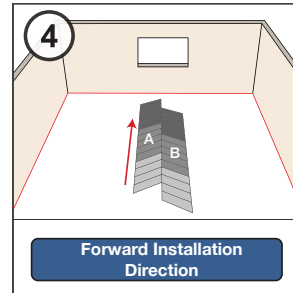
- Please find your flooring products and download the transition installation guidance from www.unifloor.ca.

Part 2 Installation

(Grand Cru Chevron - 5G Drop Lock Installation)

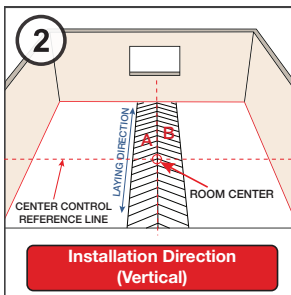


SEPERATE the A and B Chevron planks by referring into the backing along the groove edges of each plank



Starting the first 2 rows with **forward installation direction**:

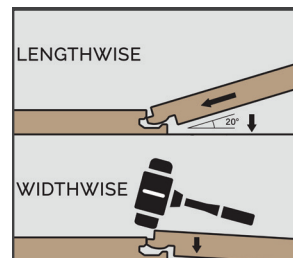
- Lengthwise (plank's long side) locking action
 - Insert the B plank's long edge tongue into the A plank's long edge groove at an angle of 25 degrees and lower the plank to lock it into place. Then bend the B plank until the profile is laid down flat.



LOCATING THE CENTER OF YOUR ROOM:

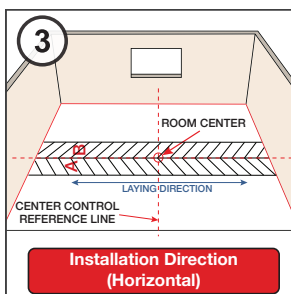
(This will ensure a synchronized and balanced overall appearance. If there is a particular preference or limitation due to the layout of the interior, this starting point can be reconsidered.)

- Draw a chalk line through the middle of the room's length, another chalk line in the middle of the room's width to locate the center of the room.
- Laying direction needs to be determined at this step. (Refer to Part 1, Section L)



- Widthwise (plank's short butt end) locking action:

- The short butt end joints must be offset by at least 40 cm/15-3/4" from row to row.** To place a second B plank, align it lengthwise into the groove profiling of the last A plank's long side. Push it toward the short end butt joint of the first B plank without laying it completely flat.



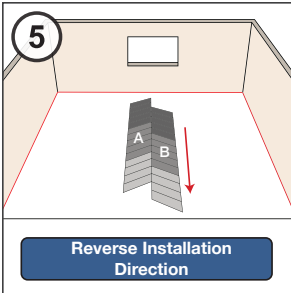
POSITIONING CHEVRON TEMPLATE TO ALIGN WITH EITHER ONE OF ROOM CENTER REFERENCE LINE

(depends on different laying directions):

- Place template to center of the room, adjust the position until center reference chalk lines on the template align to center reference lines of the room.



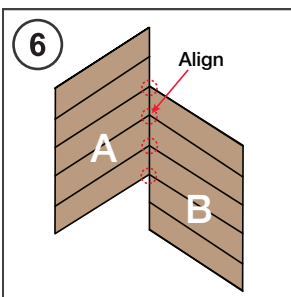
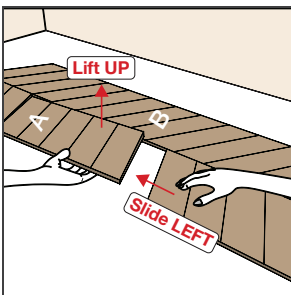
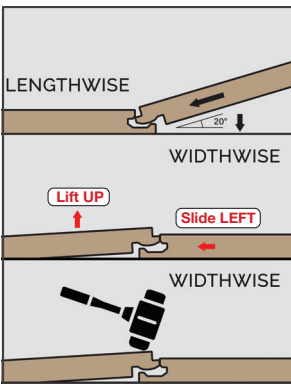
- Push the short butt end of the second B plank downward and press from above. Then, use a rubber mallet to gently tap along the short butt end until you hear an **audible click**.



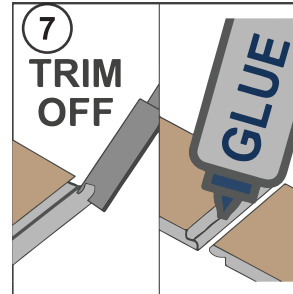
Reverse Installation Direction:

(We recommend proceeding with the installation in a forward direction as much as possible, as it is easier. However, there may be some areas where reverse installation is necessary)

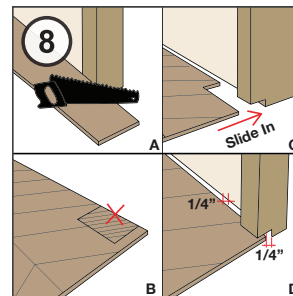
- Lengthwise (plank's long side) locking action:
 - Similar process as forward installation.
- Widthwise (plank's short butt end) locking action:
 - Align a new plank lengthwise into the groove or tongue profile of the last row on its long side. Push it toward the short end butt joint of the previous plank, lift the previous plank up to a 25-degree angle, and insert the short butt end of the new plank lengthwise into the locking profile of the previous plank.



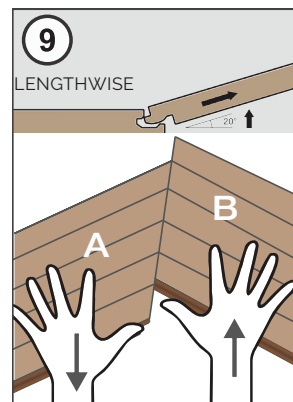
Always go back and double-check the alignment of the chevron pattern to ensure it remains aligned throughout the entire installation process



No possibility to angle the panels Special cases: If you are not able to angle the panels (e.g., under a door frame or low fitted radiator), you have to trim off the locking edge of the lip of the bottom groove by using a wood chisel or a small block plane. Run a bead of glue on the modified tongue and groove. Tap the panels tight together by using a hammer and push block or pull-bar. If necessary, secure it with an adhesive tape



Installation towards door frames lay a panel next to the door frame (with the patterned side facing downwards) Cut into the door frame with the straight backsaw. Then slide the panel under the frame with the patterned side upwards. Don't forget to allow for freedom of movement here to 1/4" (6 mm).



Disassembling the panels Follow the steps below carefully to avoid damages to the products:

- Always disassemble the long side joint first by lifting the entire row at a 25 degree angle. (Carefully and gently)
- Leave the panels flat-laying on the ground.
- Sliding panels apart
- In case panels cannot completely slide apart, lift panels at a slight angle while sliding.



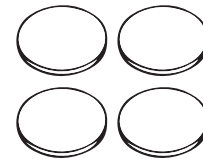
Part 3 Care and Maintenance

A: CLEANING

- Under no circumstances should the floor be soaked with liquid. WPC flooring is waterproof itself; excessive moisture will grow microorganisms, which will cause damage to the flooring's structure.
- Sweep the floor regularly to keep it free of dust, grit, and other abrasive materials.
- Sweep the floor with a damp cloth towel along with the recommended cleaner. (e.g., Bona vinyl cleaner) Apply cleaner to the towel, not directly on the floor.
- Hardened glue-residue can be removed with acetone or a special glue solvent, or usual household cleaners may be used, please avoid scouring agents, wax or polish.
- For regular cleaning and preservation, we recommend Bona Vinyl Flooring Cleaner. Larger soiling and persistent stains like color, glue, nail varnish, or oil can easily be removed using acetone or any other alcohol-containing solvents. (Must be approved to be used for vinyl flooring according to NWFA guidelines.)
- If a vacuum is used, make sure a soft texture nozzle is attached to avoid scratching marks being left on the surface.

B: PROTECTION

- To prevent damage from heavy static loads, such as hospital beds, pianos, fridges, or heavy dynamic (rolling) loads, it is recommended to use devices and rollers/casters that distribute weight loads evenly. The furniture, appliance, or equipment manufacturer holds the responsibility to ensure the suitability of their devices and equipment, including any potential damage that may occur to the flooring due to their use.
- Use a heavy-duty floor protection membrane (e.g., Floor Guard heavy-duty floor protection) to cover all areas.
- Avoid taping protection membrane directly to the surface of the floor by overlapping each run of the membrane while taping different run together.
- Tape the end run of the membrane along baseboard or shoe base with extreme low adhesive tape.
- An extra layer of plywood, MDF board, might be used along the hallway or high traffic areas where furniture and appliances will be transferred into the premises.
- Putting felt pads on all furniture's legs are highly recommended.
- Keep in mind, the use of area rugs will create an uneven color variation due to the uneven exposure to sunlight.
- Rollable furniture should have soft rubber rollers (type W) in accordance with DIN 12529.
- Use a protective mat to protect areas around office chairs.



Felt Pads



C: MAINTENANCE

- At all times, a temperature ranges of 15°C(60°F) to 26°C(80°F), and a humidity range of 30% to 50% must be maintained.
- Do not drag heavy objects or furniture across the floor. When moving appliances or furniture, lay a protective item such as cardboard and walk the heavy item across carefully.
- Place dirt absorbing mats at exterior doors to reduce dirt and sand comes on the floor.

Part 4 Product Warranty

A: LIFETIME LIMITED RESIDENTIAL WEAR WARRANTY

- AquaFix-Grand Cru Chevron warrants the decor layer underneath the top wear layer will not wear through under normal residential traffic and usage for lifetime from the purchasing date.

B: LIMITED LIGHT COMMERCIAL WEAR WARRANTY

Harmony Series, Harmony Evolved Series & Harmony Elite Series	Grand Cru Series, Grand Cru Evolved, Grand Cru Elite, Grand Cru Chevron & Smart Tiles Series
10 YEARS	15 YEARS

- AquaFix-Grand Cru Chevron warrants the decor layer underneath the top wear layer will not wear through in the light commercial application. (e.g. salon, clinic, or boutique)
- Any high traffic commercial such as food court, supermarket, industrial zone, or entrance, the hallway of a business office is not considered as a light commercial wear warranty.

C: FILING A CLAIM

- Copy of original purchase receipt must be submitted to the original dealer.
- Coordinate with inspection appointments set by dealer and distribution.
- A minimum of three full planks must be kept for testing purposes.
- AquaFix-Grand Cru Chevron only accepts claims of defect products, with over 10% of the total quantity of products during the warranty covered period. Customers can claim for the same quantity as defect quantity with the same or similar products. But, in case a specific product has been discontinued, a similar product or portion of the original purchase value, which is equivalent to the defect quantity, can be refunded to the original purchaser.
- For all post-installation claims, the claim must be filed through the original authorized dealer where the product was purchased. Post-installation situations may involve installation methods, site preparation and conditions, workmanship, and contractual arrangements between the purchaser, installer, contractor, builder, or other parties. These factors are outside the material supplier's direct involvement and oversight.

D: WARRANTY EXCLUSIONS

- All installation must be performed in accordance with the AquaFix-Grand Cru Chevron installation manual.
- Proper care and maintenance must be performed following AquaFix-Grand Cru Chevron maintenance instruction.
- Dents or other damage caused by rolling or moving excessively heavy items or loads across the floor.
- Click system squeaking, plank edge or surface damage caused by surface bounce, or deflections exceeding 1.1mm or 3/64" due to poor subfloor conditions.
- The surface sheen reduction is a natural aging of products and is not considered to be the defect of surface wear.
- Color changes due to exposure to direct strong light is not covered. Avoid using area rugs to eliminate uneven exposure to sunlight.
- Any damage caused by chemical spills, water leakage, surface scratches, cutting, fire, high heel shoes marks, excess dryness, moisture, or abuse of any kind is not covered by warranty.
- Labour cost is not covered by this warranty.
- AquaFix-Grand Cru Chevron is not responsible for the expansion and contraction of panels due to any improper temperature or moisture conditions.
- AquaFix-Grand Cru Chevron accepts no responsibility for any problems arising from pets, insects, or microorganisms.
- All surface wearing on transition or stair nosings are not covered by this warranty.
- Installation of products that are not compliant with radiant heat will void the warranty.
- The warranty of the products is not transferable and is limited to the original purchaser only.
- In accordance with flooring industry standard, 5% of industrial defect out of the total quantity of products is allowed and, as a result, 10% of wastage during any installation should be calculated before installation is performed.
- Any defect piece is found before installation should not be installed; once products are installed will be deemed to have been accepted by the customer. It is the responsibility of the installer and the homeowner to inspect products' defects before installation. AquaFix-Grand Cru Chevron accepts no liability for any labour cost for all claims.
- The British Columbia province law governs this Limited Warranty set above. AquaFix-Grand Cru Chevron assumes no liability for incidental or consequential damages arising from the product's use or non-use.
- Products sold as is; auction goods, discontinued/off the rack, or indirect trades in any kind by unauthorized dealer/individual.
- Failure of providing the original purchasing invoice from Unifloor Trading Inc.
- Under no circumstances will the value of a warranty claim exceed the original purchase price of the product.

There are no other extended warranties except statements set above.



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