
Installation Instructions for AMORIM WISE



Installation Instructions for AMORIM WISE

(Preparation)

Subfloor requirements

Please inspect the planks in daylight for any visible faults or damage. Also check if the subfloor and site conditions are in accordance with the specifications described within these instructions.

Amorim Wise can be installed in all domestic areas and in most commercial areas, except in saunas and permanent wet areas.

It is possible to use Amorim Wise in other areas like bathrooms, or areas where spillages frequently occur since it will not swell when exposed to water. However, to prevent the water penetrating under the installed floor (which can create conditions for growing of fungus, mold or mildew), a polyurethane sealant or silicone non-shrinking caulk must be applied on expansion joints. Amorim floors are suitable for indoor use only.

Amorim Wise can be installed on top of most hard surfaces such as resilient floor coverings and ceramic tiles which are sufficiently fixed, completely levelled and have no loose areas. Soft subfloors such as carpets, cushion-backed vinyl, and similar floorings must be removed.

For Amorim Wise installation, no underlay is required over a wooden subfloor. A minimum 6-mil Polyethylene underlayment must be used over concrete unless a moisture mitigating adhesive is used.

Old resilient floor coverings (like PVC, linoleum, felt-backed vinyl, cork...) must be glued without loose areas.

Radiant-Heated Subfloors

For Amorim floating floors the temperature of the subfloor must not exceed 28°C (82°F). For detailed information, follow the instructions supplied by the subfloor heating system manufacturer/contractor, or contact your supplier.

Remember that rugs or mats placed on top of the floor may function as heat accumulators and will increase the floor surface temperature more than the maximum surface temperature recommended (must not exceed 20 - 22 °C (68° - 82°F)).

Any Heated Subfloor has certain working conditions depending on the heating system and the subfloor.

In order to avoid problems with functioning and durability during the construction phase, the norms and rules concerning installation are to be followed very strictly.

The drying of a heated subfloor must be made by turning the heating on/off with a pause before installation of the floor, following a documented protocol. After that you can begin the "heating phase".

The beginning of the heating phase in concrete subfloors is to be made not before 21 days after complete curing of the substrate. The heating phase must begin with running temperature of 25°C (78°F) for 3 days.

The subfloor should be in place and cured for at least 60-90 days.

The temperature should then be increased each day by no more than 5 degrees F per day until reaching the maximum temperature allowed according to the manufacturer system.

This maximum value should be kept for at least 72 hours and maintained for 5-7 days without turning off. The decrease of temperature is made by reducing it gradually every day until 18°C (65°F) on the surface is achieved. During the installation, the temperature of the surface should not exceed 18°C (65°F) and should be kept for 3 days after finishing the installation (for floating floors). Then the temperature should be increased slowly not more than 5 degrees F per day to a max. of 28°C (82°F) on the subfloor surface.

Amorim Wise on wooden floor / chipboard / OSB.

In case of installation on a wooden subfloor, please remove any existing floor covering first. No signs of mold and/or insect infestations should be visible.

Make sure that the APA rated plywood or OSB subfloor are mechanically fixed (screw), make sure that they are stable and show no movement anytime and at the same time the joints between the panels are even and firmly closed.

Existing laminate flooring, wood planks or engineered wood planks must be free of tensions. If there are any visible open seams and/or height differences between panels be certain they are removed or addressed.

Existing wood planks, engineered wood boards, OSB panels, drywall elements etc. must not be covered with PE foil acting as a vapor barrier. Always refer to NWFA guidelines. The area below the floor should also be sufficiently ventilated in an adequate way (back-vented skirting board) to maintain the equilibrium moisture content of the wood planks, engineered wood boards, OSB panels, or drywall elements.

The crawl space under the wooden subfloor must be sufficiently ventilated.

Remove any obstacles from the crawl space and make sure there is sufficient ventilation (minimum 4cm² (0.62" ²) total ventilation openings per 1m² (3sqft) of flooring). NWFA lists a minimum of 1.5% venting per total square feet involved. The moisture content of the wood must not exceed 10%.

Amorim Wise on ceramic tile floors

The maximum joint should not be wider than 2mm (5/64"), and 1mm (3/64") depth. If this is not the case, or if there is any kind of embossing, skim coat the grout lines with a floor leveler applied).

All types of concrete, ceramic subfloors must be even, dry, variations should not exceed 5mm in 2m (3/16" in 6 1/2') and flat. Substrates must be level.

(Prior to installation)

Transport, storage and acclimatization

Transport and store the cartons horizontally.

Packed tiles should be acclimatized at the job site in a dry, well-ventilated area for a minimum of 24 hours so that flooring may acclimate.

Remove tiles from packages just before starting the installation.

During storage and installation, maintain temperature and relative humidity to a level consistent with the conditions which will prevail when the building is occupied.

In most cases, this means maintaining a temperature range from 18°C to 28°C (65°F to 82°F) and relative humidity range from 35% to 65%. To reach this climate, use heating or air conditioning in the appropriate duration of time before starting the installation. A humidification system may be required.

Amorim shade variation is an inherent and attractive characteristic. To achieve the most pleasant blend of shades, shuffle the planks before installation.

Site inspection

Prior to installation, please inspect the tiles in daylight for any visible faults or damage, and check if the subfloor and site conditions are in accordance with the specifications described within these instructions.

Amorim Cork Flooring cannot be held responsible for claims associated with improper subfloors, improper applications, adhesives, varnishes and the use of maintenance products not recommended, or detectable defects verifiable prior to installation.

Expansion Gaps:

Amorim floating floors are installed as a "floating floors", so the planks should not be fixed to the subfloor.

The skirting boards/ moldings cannot be pressed down, or restricting the movement of the floor. Also provide 5mm (0.2") expansion gaps to the walls and other fixed objects.

Skirting boards/ moldings should cover minimum 7mm (0.28") of the floor. Transitions between two rooms and asymmetrical floor areas require extra expansion gaps in floor areas superior to 325m² (3500sq ft) or with dimensions bigger than 18m (60 feet) in either direction.

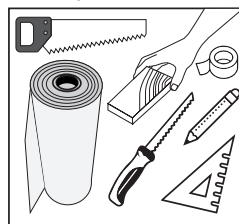
These requirements can be avoided, if Amorim Wise is installed as a glue down (see glue down installation instructions).

(During installation)

Installation with excessive heat or direct sunlight

Amorim Wise should be protected from heat and sunlight by the use of curtains and/or blinds. In areas which will be exposed to excessive heat (≥ 45 °C /110 °F) or direct sunlight, the flooring must be glued to the subfloor with the use of an acrylic adhesive.

Tools required



Tape measure, craft knife, pencil, straight edge, chalk line, white rubber hammer

Moisture Protection

Despite its age, there is always a risk of moisture in subfloors, so it is necessary to measure and keep records of the moisture content of the subfloor.

On concrete subfloors without radiant heat, consider the maximum humidity less than 75% RH or conduct calcium chloride moisture tests to ensure that moisture emission levels are less than 3 lbs/1000ft²/24 hours (USA and Canada), or CM Test:

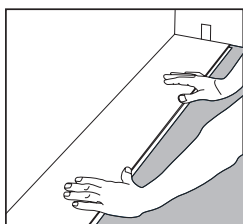
Type of Subfloor	Moisture content CM% Heated	Non-heated
Concrete	1,5 <75% RH	2,0
Anhydrite	0,3 <75%RH	0,5

Amorim Wise should not be installed where excessive moisture emissions may exist, in accordance with applicable standards. When it is installed on concrete, ceramics or stone subfloors and effective moisture damp proof membrane should be used.

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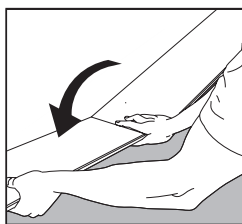


On wooden floors, we recommend laying Amorim Wise floors crossways to the existing floorboard. Amorim Wise floors locking system are easy to install. We recommend to start installation in the right-hand corner.



1

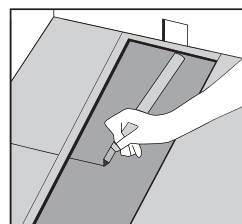
Turn the tongue side of the plank facing the wall. Maintain a gap of 5mm (3/16") on the short side.



2

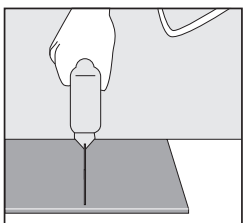
Hold the next plank against the first at an angle to the first one and lay it flat on the floor.

Complete the first row in the same way.



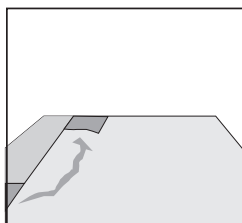
3

Cut the final plank of the first row to the correct length. Place the final plank face down and the short side without the locking strip towards the wall. The distance to the wall should be 5mm (3/16").



4

Mark where the plank is to be cut and place it on the work surface and cut to size using any kind of saw.



5

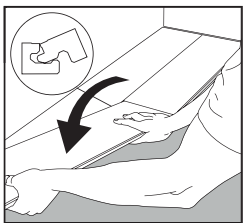
Make sure that the long sides of the planks make a straight line. Use the cut piece of the plank from the previous row to start the next one. However, it must be at least 30cm (12") long. If the piece is too short, start with a new board and cut it in half. Always ensure that the end joints are staggered at least 30cm (12").



6

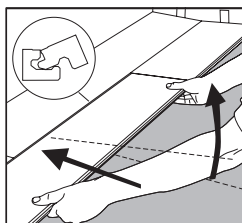
Place the first plank of the new row with the tongue side at an angle against the groove side of the plank in the previous row.

Press forward and lay it flat at the same time.



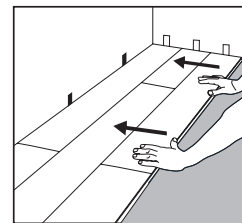
7

Place the short end of the plank at an angle against the previous installed plank and fold down. Ensure that the plank is positioned on the integral locking strip of the plank in the previous row.



8

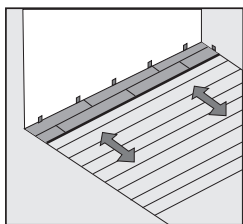
Lift the plank (together with the previous one laid in the same row) slightly up (about 30mm (1 1/8")), push it against the row in front and then put it down. Tip: This movement requires some gentle adjustments on the pressing angle.



9

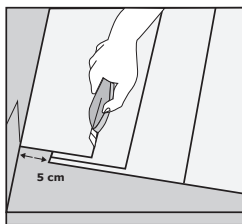
Adjust the distance to the wall to 5mm (3/16") when three rows are complete.

(Last row)



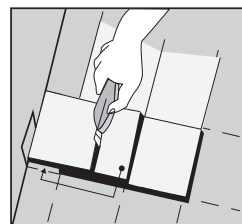
10

Proceed the installation as described above until reaching the opposite wall.



11

Measure and cut the planks in the last row to the correct size. Allow for a 5mm (3/16") distance to the wall. No plank should be less than 5cm (2") wide.

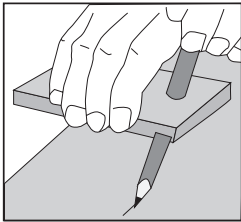


12

The last and first plank can be cut in the correct width. Place the last plank on top the second to last plank. Mark the plank with the help of a piece of plank without locking the strip. Allow for 5mm (3/16") distance to the wall for the expansion gap.

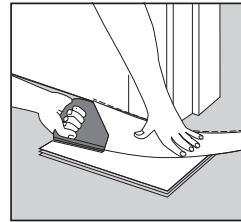
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(Uneven walls)



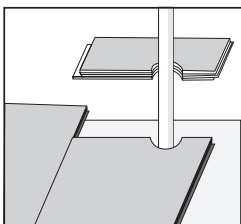
Sometimes the first row must be cut to match an uneven wall. Transfer the shape of the wall to the planks. Do not forget to allow 5mm (3/16") to 10mm (3/8") for the expansion gap. The width of the first row of planks should be equal or bigger than 5cm (2").

(Door Frames)

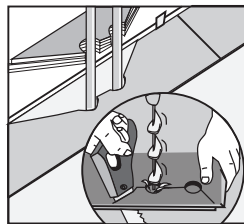


If a door frame needs to be cut, use a piece of plank to obtain the correct height. Always check with local building codes for metal doorjamb in a public or multi-family building. Saw the door frame and architrave to the required height allowing for 2mm (5/64") of space to the planks. The planks can be laid from all directions. This makes easier to plan the installation e.g. around doors.

(Heating Pipes)

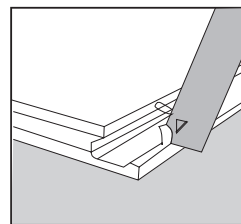


Drill the required holes in the planks, making a hole on the plank 10mm (3/8") bigger than the pipe diameter.



Cut the plank with a 45° angle towards the hole. The cut-off piece is glued in the position again. Cover the hole with a pipe sleeve.

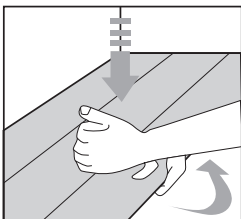
(Installation around doors, radiators and last row)



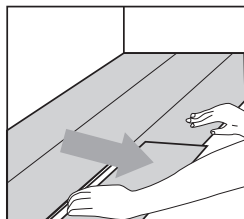
If you cannot angle the tile under the door frame or a low fitted radiator cut away the locking edge and apply glue (PVA D3 or Supper glue) on the groove and slide the plank into the right position.

(After installation)

Removing the floor



To uninstall the floor, lift the planks (long side) 1" to 2" and then slide the planks on the short side.



Do not bend connected planks backwards as this will damage it.

Warranty

We take pride in designing each of our products with the goal of providing the best flooring for your needs. In addition, we use the highest quality components and quality control techniques to ensure the reliability and long life of our products.

No installer, dealer, agent or employee has the authority to alter the terms and conditions of this Warranty.

IMPORTANT: This Amorim Wise Warranty is applicable only if the Amorim Wise installation and maintenance instructions, which are part of the flooring packaging and the packaging for our auxiliary (adhesives, maintenance & cleaning) products and which in any case can be found in our website www.amorimcorkflooring.com, are respected.

In case there are any questions, contact us at: quality.system.ar@amorim.com

1. QUALITY STANDARDS WARRANTY













We warrant that at time of delivery each of our flooring products meets the applicable Quality Standards, as follows:

- **AMORIM WISE Cork Inspire 700 Floating HRT:** EN 16511;
- **AMORIM WISE Wood Inspire 700 Floating HRT:** EN 16511;
- **AMORIM WISE Inspire 700 Floating SRT:** EN 16511;
- **AMORIM WISE Cork Pure Glue Down PU:** EN 12104;

2. LIMITED WARRANTY (STRUCTURAL / WEAR / WATERPROOF)

Whenever our Amorim Wise Floating products are supplied as new and through approved outlets, we warrant to the original consumer that within the applicable period (after invoice date) **indicated in the table below:**

- (i) **Structural Limited Warranty.** Our Amorim Wise Floating floors are free from manufacturing defects.
- (ii) **Wear Limited Warranty.** The surface wear layer of the Amorim Wise Floating floors, will not wear. "Will not wear" is defined as 100% reduction of the surface wear layer over an area comprising 5% of the total surface Flooring installed with Amorim Wise Floating products.
- (iii) **Waterproof Limited Warranty.** Our Amorim Wise Floating floors are 100% waterproof assuring that the structural integrity of the floor plank will not be significantly diminished by non prolonged exposure to water. While moisture will not affect the floor's integrity, it is probable that, when prolonged and excessive moisture accumulates in buildings or on building materials, mold and/or mildew growth can occur. This Warranty does not cover: (i) Damage to surrounding structure, walls, subfloor, fixtures, furniture, underlayment, moldings, trims, subfloor heating elements, or anything that is not the floor plank or tile; (ii) Damage resulting from mold & mildew growth due to prolonged exposure to water or moisture; (iii) Flooring that is installed outdoors.

Area and intensity of use according to ISO 10874		
Product Range	Residential	Commercial
WISE INSPIRE 700		
WISE STONE PURE HRT		
WISE CORK PURE SANDED		
WISE CORK PURE PU PF		
WISE CORK PURE XTRAMATT+		
WISE CORK PURE HRT		

* Must be varnished on-site with minimum 3 coats of W-2000 or another recommended varnish.

** Must be varnished on-site with minimum 3-4 coats of W-2000 or another recommended varnish for this level of use.

The Amorim Wise Limited Warranty is made subject to the following CONDITIONS:

1. The floor must be installed properly and according to Amorim Wise installation instructions.
2. The flooring must be used under normal use conditions and maintained in accordance with Amorim Wise maintenance instructions. The flooring must be used only indoors in a climate controlled area.
3. The term "Lifetime" means the lifetime of the original purchaser (end consumer), for so long as he owns the Amorim Wise Floating floor. This warranty is not transferable by the original purchaser of the floor.

3. LIMITED WARRANTY COVERAGE

In the unlikely event that any of our products fail to perform according to the applicable warranty, we will, at our option, repair, re-finish or replace such product with the same product or another one of equal value (at our selection), or refund the purchase price paid (if replacement or repair is not practical or cannot be made on a timely basis), as more specifically described below:

A) **During the first five (5) years** of this Limited Warranty (i) the defective flooring products will be replaced, (ii) the defective products will be removed and (iii) the replacement products will be installed, **AT NO COST TO YOU** or, at our option, provide a refund.

B) **After the initial five (5) years period**, we shall only provide all or part of the flooring products for replacement, according to the lifetime usage table below:

Period (years):	Warranty coverage:
0-5	100% of the Flooring Products for replacement + reasonable labor costs of removal and installation
6-10	100% of the Flooring Products for replacement (without costs of removal or installation)
11-20	50% of the Flooring Products for replacement (without costs of removal or installation)
≥21	25% of the Flooring Products for replacement (without costs of removal or installation)

4. EXCLUSIONS

This Warranty shall not apply in any of the following cases:

- 4.1. **Installation not made according to procedures and without using the approved auxiliary products** or improper or not recommended refurbishment (as set forth in Amorim Wise Installation/Maintenance instructions).
- 4.2. **Improper subfloor patch, underlayments or subfloors** (please consult Amorim Wise Installation instructions).
- 4.3. **Incorrect product choice for flooring use or site conditions** (please consult Amorim Wise Installation instructions).
- 4.4. **Improper maintenance or use of unapproved auxiliary products** (please consult Amorim Wise Maintenance instructions).
- 4.5. **Products modified or repaired with products or methods of installation or repair** not specifically recommended in the Amorim Wise Installation/Maintenance instructions or not specifically authorized by the manufacturer.
- 4.6. **Extreme environmental conditions**, meaning exposure to extreme heat.
- 4.7. **Gloss change or loss** is not considered surface wear.
- 4.8. Trivial or insubstantial visual defects, i.e., visual defects not perceptible at **1,5mt standup** or only perceptible **in counter light**.
- 4.9. Office **roller chairs** must comply with **EN 12529** (Type W). Use protective office mats under the rolling chairs.
- 4.10. **Gaps on floating floors** (> 0,20mm EN 14085) existing at the time of installation.
- 4.11. **High commercial (Class 34) or industrial (Class 42) areas** (although ISO 10874 classification allows it).
- 4.12. **Amorim Wise product lines** not specifically mentioned in paragraph 1 of this Limited Warranty or any flooring products sold as **"second choice"** or with any manufacturing defect.
- 4.13. **Accidents, abuse, misuse, force majeure**, damage from heavy furniture or equipment used without sufficient protection, impact damage, hydrostatic pressure, scars from sharp or pointed objects, cuts, tears, scuffs, scratches, misuse, negligence, burns (cigars, candles, etc), water floods, erosion, spiked heel shoes, pet claws, pebbles, sand or other abrasives.
- 4.14. **Detectable defects** verifiable **prior to installation**.
- 4.15. **Difference in shade or color**. Our flooring products are based on natural materials. We do not warrant any difference in shade or color between samples/photographs and the actual flooring, 1) from batch to batch, 2) due to exposure to sunlight, 3) resulting from replacement of a portion of your floor, 4) resulting from the different age and history of the same product reference/batch.
- 4.16. **Squeaking** in cork Floors. Squeaking can be caused by several reasons: Variations in relative humidity; Subfloor not perfectly levelled; Underlays or other type of "barriers" / layers below the flooring; Etc.

CONDITIONS This Warranty:

- 1) Is valid from the date of purchase (invoice date).**
- 2) Applies only to flooring products in their original installation location.**
- 3) This warranty is applicable to Products sold to the first end consumer and is not transferable**
- 4) Shall expire if the product or installation location is transferred or re-sold.**
- 5) For all products, it applies only if the care and maintenance instructions are strictly followed.**
- 6) Applies to flooring used exclusively in interior residential and commercial applications that are submitted to normal traffic, excluding wet and damp areas such as saunas, swimming baths or similar areas.**

THIS IS A LIMITED WARRANTY. EXCEPT AS PROVIDED HEREIN, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCTS, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OTHER THAN AS EXPRESSLY PROVIDED HEREIN, UNDER NO CIRCUMSTANCES SHALL WE BE LIABLE TO THE END-USER/PURCHASER OF OUR PRODUCTS OR ANY OTHER THIRD PERSON FOR ANY DIRECT OR INDIRECT DAMAGES (WHETHER CONSEQUENTIAL, INCIDENTAL, SPECIAL OR OTHERWISE, INCLUDING WITHOUT LIMITATION, LOST PROFITS) ARISING OUT OF ANY DEFECT IN OUR PRODUCTS.

This Limited Warranty gives you specific rights but does not affect any rights of any end user/purchaser provided by your local law. You may also have other rights under the law, which vary from country to Country or State to State. Some Countries do not allow the exclusion or limitation of implied warranties or of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

5. IF YOU HAVE A PROBLEM

In the unlikely case that you detect a problem with your flooring product, please take the following steps:

5.1. Promptly upon such detection, provide your supplier with written notice of the problem, proof of the purchase date, type and grade of the defective products and amount of flooring involved. Please document your communication and keep the information on file until your problem is resolved.

5.2. If you are not satisfied with your supplier recommendation, an authorized representative must inspect and verify the defect.

We reserve the right to designate a representative to inspect the floor and remove samples for analysis. If such defect is verified, and confirmed by an authorized representative, we will proceed as described in point 2.

5.3. If your supplier is unable to solve the problem, contact quality.system.acf@amorim.com