AMORIM WISE

INSTALLATION INSTRUCTIONS FOR AMORIM WISE
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### 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, in order to prevent the water to penetrate under the installed floor (which can create conditions for growing of fungus, mold or smell), a polyurethane sealant must be applied on expansion joints.

Amorim floors are suitable for indoor use only.

For Amorim Wise installation no underlay is required. Old resilient floor coverings (like PVC, linoleum, 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). 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 has to 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 has to begin with running temperature of 25ºC (77ºF) during 3 days. The subfloor should be in place and cured for at least 60 to 90 days. The temperature should then be increased each day until the maximum temperature allowed according to the manufacturer system. This maximum value should be kept for at least 12 hours and maintained for 5-7 days without any turning off. The decrease of temperature is made by reducing it gradually every day until 18ºC on the surface is achieved. During the installation, the temperature of the surface should not exceed 18ºC (65ºF) and should be kept for 3 days after finishing the installation (for floating floors). Then the temperature should be increased slowly to a max. of 28ºC (82°F) on the subfloor surface.

### Preparation

**Type of Subfloor**

**Concrete**

**OSB**

**Chipboard**

**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 mould and/or insect infestations should be visible.

Make sure that the plywood and 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 ten- sions. If there is any visible open seams and/or height differences between panels than needs to be entirely removed.

Existing wood planks, engineered wood boards, OSB panels, drywall elements etc. must not be covered with PE foil acting as a vapour barrier. 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, drywall elements. The crawl space under the wooden subfloor must be sufficiently ventilated.

### Moisture Protection

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

### Tools required

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

### Transport, storage and acclimatization

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 (>35°C / 95°F) or direct sunlit- light the flooring must be glued to the subfloor with the use of an acrylic adhesive.

### 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 (>35°C / 95°F) or direct sunli-ght the flooring must be glued to the subfloor with the use of an acrylic adhesive.

### Site inspection

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

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

### Expansion Gaps

Expansion of a heated subfloor is to be made as a floating floors, so the planks should not be fixed to the subfloor.

The skirting boards/mouldings cannot be pressed down, not restricting the movement to the subfloor.

Amorim Wise on wooden floor / chipboard / OSB. 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 and similar must be removed.

### Site inspection

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

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### Expansion Gaps

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

The skirting boards/mouldings cannot be pressed down, not restricting the movement to the subfloor.

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 sto- ne subfloors and effective moisture damp proof membrane should be used.
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 (0.2”) 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 (0.2”).

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”). Tiles with 605 x 445 (23-7/8” x 17-1/2”), “brick” or “half brick” installation method must be used.

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 (1.2’’), 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 (0.2”) when three rows are complete.

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 (0.2”) 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 (0.2”) distance to the wall for the expansion gap.
If a door frame needs to be cut, use a piece of plank to obtain the correct height.

Saw the door frame and architrave to the required height allowing for 2mm (0.08") of space to the planks.

The planks can be laid from all directions. This makes easier to plan the installation e.g. around doors.

Drill the required holes in the planks, making a hole on the plank 10mm (0.4") bigger than the pipe diameter.

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

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 (0.2") to 10mm (0.4") for the expansion gap.
The width of the first row of planks should be equal or bigger than 5cm (2").

Removing the floor

To uninstall the floor, lift the planks (long side) a few centimetres and then slide the planks on the short side.

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