

XCore, last generation hybrid floor with click system

EN Installation Guide

The XCORE floor is made with the latest technologies. Its exclusive hybrid composition guarantees you optimal performance in humid and temperature situations where other types of PVC floorings are unadvisable.

General recommendations previous to the installation

It is essential for an optimum installation to follow all the rules of use. XCore click system floors are installed with previous considerations.

Let the planks lie in the rooms where they are going to be placed at least 48 hours before installation. The room should have a constant ambient temperature between 18 °C y 24 °C and with a humidity level between 30 and 50 %. Abrupt temperature changes should be avoided.

Do a detailed examination of the tiles before install them. Be sure that the tiles make reference to the model you chose before installing. The planks can present small differences in color between different batches of product. Make sure that all the boxes you have purchased correspond to the same batch. Differences in tone or shine between tiles from different batches will not be considered as a cause for claims.

Remember that it should not be installed in areas exposed directly to the outside such as entrances of shops, common areas of stairs or any part that is outdoors.

XCore is water resistant, but it is not a barrier against moisture. The plank / tile will not be damaged by moisture, but it could reach the wall and structure of the house.

In the event that the preparation of the surface where XCore is to be installed is carried out by pumping concrete, it is mandatory to apply a leveling paste to overcome the irregularities of the concrete..

Surfaces suitable for installations:

The surfaces must be flat, clean, dry and dust free. Make sure that the floor is free of fats, waxes or any other substance that could alter the base stability. Use a thermometer to check that the temperature of the base on which it is to be installed or the XCore itself does not exceed 38° C when exposed to direct sunlight or any other heat source.

Gradients should not exceed 2mm / linear meter.

- On cement based floors; these must be flat, dry, dust, liquid and paint free, etc. The surface must be hard and without cracks. All new cement floors must have had a drying time of at least 6 weeks. In ceramic floors check that there are no slopes or broken planks.

If it is necessary to apply leveling paste on the floor or surfaces, take into account the traffic to which the installation is directed, using the appropriate one.

- On wooden floors parquet or nailed; make sure of the stability of the surface. Installation is not allowed on wooden flooring that bends more than 2 mm / linear meter
- On laminated floors, make sure that the laminated floor does not contain dampness and is installed on a stable base. Check possible gradients and there are no areas where the XCore bends more than 2 mm / linear meter.
- Installation on short pile or fairground carpets is not allowed.
- Installation on any other type of base should be consulted by your distributor and they will be exclusively responsible for possible installation incidents.

Use of expansion joints

XCore floors present a unique behavior to temperature changes and do not require large separation margins, only accurate to 6 / 8 mm around the perimeter.

It is also necessary to leave expansion joint (6 / 8 mm) in any heavy fixed element, such as wardrobe, furniture or elements such as columns and partitions.

It is mandatory to place expansion joints in installations whose dimension exceeds 10m in width or 10m in length. Expansion joints should be used at least every 10m.

Tools needed for installation purposes:

- Cutter, circular saw or a jigsaw with plastic sheet
- Metre
- Marker
- Installation kit (wedges, lever and adjusting tool)

Installation:

Preferably place the floor in the direction of the largest light source in a room.

The measurements of the room where the floor is to be installed must not exceed 10m in the longitudinal direction of the tile and 10m in the short direction of the tile.

Do not fix the floor to the base with screws, glues or any other type of fixing system. The flooring must stay floating and must not be in contact with any obstacles like pipes, door frames, columns, heavy furniture.... Not following this norm will invalidate the guarantee.

If the floor is to be installed in humid areas such as bathrooms, kitchens or laundries, you must isolate these areas with expansion joints with the rest of rooms. The perimeter joints should be sealed with soft silicone to prevent moisture from penetrating below the floor and generating mold or moisture stains.

Installation step by step

1. Lay Check that the base on which you are going to place the floor presents the conditions specified in the previous points.
2. Start from one corner placing the first tile with the male side facing the wall.
3. Use the wedges throughout the first line to keep the correct distance between each piece (from 6 mm to 8 mm is enough).
4. To place the following plank, fit it into the slot of the adjacent plank at angle of about 15 to 20 degrees.
5. Keep installing and connecting the first line until you get to the last plank.
6. Rotate this piece at 180 degrees, with the design face up, measure and mark it.
7. The tile can be cut with a cutter supported by a metal ruler. It is always advisable make the cuts with a jigsaw with plastic sheet or circular saw. Keep the utmost care doing this process.

In case of cutting with a cutter, softly repeat the mark up to 3 times and force carefully the both extremes of the plank in the opposite direction of the cut until broke it.

8. Once the first row of planks has been placed, begin the next row the remaining part of a plank from the first row. To make sure that the installation is stable, this piece should be no longer than 20 cm long.
9. To place the second plank of the second row, slot the connecting part of the short side into the first. Keep the piece inclined at 15 to 20 degrees and gently push on the entire plank to make sure that it fits into place perfectly and longitudinally.
10. Continue applying the planks until the row is finished and continue from the last piece of the first row.
11. When you reach the wall, to complete the last row, place the planks with the design face down and use the marker to display the differences between the pieces.
12. Cut the door frames and shape the panels with a handsaw, using the plank as a reference.
13. We recommend making expansion joints in each space. Likewise, it is necessary to use expansion joints in

installations whose dimensions exceed 10m wide x 10m long.

Important: Claims for open joint or damages to the product caused by the expansion effect will not be accepted if the previous recommendations have not been followed.

Installation over heating systems:

The installation over floors with radiant heating system can be carried out taking into account the following guidelines:

- The vinyl floor must NEVER surpass a temperature of 38 °C.
- Turn off the heating one week before installation.
- The installation of the XCore floor must be done with the heating off.
- Place expansion joints in rooms with superior dimensions at 10x10m.
- Once the floor is installed, turning the heating on and off must be done gradually and never abruptly.

IMPORTANT: Not following any of these norms invalidates the guarantee.

Recommendations for care and maintenance:

In order to protect your XCore floor, we recommend the following:

- Avoid any contact with dirt, sand, dust and substances such as oil and asphalt, placing carpets and black vinyl doormats in front of and behind the door.
- The guarantee does not cover loss of shine or scratches or wear caused by the continuous rubbing of furniture elements that are not properly protected by felt strips or soft rubber wheels. Prevent your pavement using felt pads or soft rubber wheels. Use floor protectors and furniture big legs/wheels (bigger than 3 centimeters in diameter) to avoid the impact of heavy objects (+100kg/m²). With the aim of preventing the pavement damages, the support surface of the chairs or any other type of furniture must be rounded and without sharp corners, required in the regulation EN12529. Remember not to put fixed elements on the floor, which can affect the expansion and shrinkage of it. Avoid making cuts and holes on the floor with sharp objects. If you have chairs or furniture with wheels be sure they are made of rubber instead of hard plastic or metal. In case of doubt, check it with the distributor.
- Keep relative interior humidity between 30 % and 50 % throughout the year in order to prevent the floor from being subject to sudden changes in humidity and temperature.
- Avoid making cuts and holes in the floor with sharp objects. If you have a wheelchair, make sure that the wheels are made of hard rubber.
- The surface of the new XCore floor, which is essentially lasting and resistant, does not require additional treatment. It does not have to be polished, varnished or waxed as it conserves its intrinsic and essential properties.
- The XCore floors have a hard, compact surface; so, it is not necessary to constantly clean with a wet mop. This should only be done occasionally.
- The guarantee does not include the installation of the XCore floor in areas which are directly exposed to the outdoors such as shop or office entrances, etc...
- The board of the XCore surface is made up of polymers, meaning that its physical performance and its properties are similar to those of wood. Extreme heat may therefore lead to the expansion of the panels. To avoid any problems caused by the expansion of the boards, the storage, installation and maintenance instructions explained in this Installation Guide must be followed carefully.
- The protection layer of XCore floors has been subject to very demanding quality control processes and tested in official laboratories to guarantee its abrasion-resistant properties; however, negligent installation, improper use or inappropriate maintenance of the floor may cause occasional deterioration. Check the instructions concerning maintenance and respect the limits which apply to our XCore floor.
- We recommend keep some tiles as a replacement in case of breakage or accident of the ground. The planks must be replaced by a professional.