

Installation Guide Flexile



go.coretecfloors.be/flexile

General information

These installation instructions apply to Flexile for gluing. All instructions and recommendations need to be followed correctly in order to ensure an expert installation and for our warranty to apply. Installation videos are available on our website but watching these does not replace reading these installation instructions. Please visit the Flexile website to make sure you have the most up to date installation instructions and to have access to additional guidelines (care guide, underfloor heating, glue recommendation etc.). If you have any questions, please reach out to your Flexile representative.



**View installation
video here**

[Installation playlist](#)



Flexile floors are only suitable for indoor glue down installation only.



Acclimatization of the product prior to installation is required for a minimum of 24 hours before installation.



Visually inspect all boards prior to installation and check for any irregularities or visible damage. Do not install any boards that show imperfections. Only install products from the same batch in one room. Check to see if the supplied colour and quantities correspond to the colour and quantities that you have ordered. Color variations can be part of a design, check the full decor on our website, a physical sample or a display board may not show all the variations.



It is mandatory to have a room temperature between 18°C and 26°C, a subfloor temperature between 15°C and 22°C as well as a relative humidity below 65%. These conditions need to be maintained 72 hours prior to, during and after the installation. Once the 72 hours after installation are complete, the temperature should not exceed 29°C.



Avoid exposure to direct and intense sunlight for extended periods of time as this could result in discolouration (due to UV rays). We recommend using curtains or sun protection in rooms with strong direct sunlight.

Installation equipment

Always make sure you have the necessary personal protection. Use appropriate working clothes with kneepads, safety shoes, safety goggles, gloves, mask, hearing protection, etc.

For a successful installation, you will need a pencil, a utility knife, a mitre shears, a tape measure, an adhesive spatula, a hand pressure roller, a pressure board, a segmented roller (50 kg) and glue. Always work out of multiple boxes.

Glue

A list of glues recommended by glue manufacturer is available (non-exhaustive). This list is for reference only and was made based on testing and feedback from glue manufacturers. It is mandatory for the installer to follow the glue manufacturer instructions (subfloor preparation, tooling, quantity, etc.) and we recommend you to reach out to the glue manufacturer if you have any questions. USFloors International does not warranty the performance and conformity of the glues.

The installer is responsible for checking that the glue he is choosing corresponds to the project, site conditions and any other factor that could impact the installation or project in general.

Subfloor information

Subfloors shall be smooth, structurally sound, permanently dry, clean and free of all foreign material such as dust, wax, solvents, paint, grease, oils, old adhesive residue, curing and hardening/curing compounds, sealers and other foreign material that might prevent adhesive bond. Flexile can only be installed on the subfloors listed below.

NOTE: New and existing screeds need to comply with national directives and need to be fit for your specific application.

Evenness and irregularities

The subfloor should be flat and smooth, maximum unevenness allowed is 3 mm over 1.5 meters or 5 mm over 3 meters and less than 1 mm over 20 cm.

Sand-cement and anhydrite screed

The maximum residual moisture levels allowed are:

- Unheated cementitious screeds: $\leq 2.0\%$ CM (75% RH for UK)
- Underfloor heated cementitious screeds: $\leq 1.5\%$ CM
- Unheated anhydrite (calcium sulphate) screeds: $\leq 0.5\%$ CM (75% RH for UK)
- Underfloor heated anhydrite (calcium sulphate) screeds: $\leq 0.3\%$ CM

The ultimate responsibility in determining whether the screed is dry enough and fit for installation, rests with the installer. As a reminder, the calcium carbide method is the reference.

Wooden subfloors

The use of a fiber-reinforced levelling compound is mandatory to make sure the subfloor is even and joints are filled. Other construction chemicals could be fit for use, ask your reseller.

Ceramic tiles

Installing Flexile on ceramic tiles is allowed, however it is mandatory to respect all subfloors criteria's. Therefore, using a smoothing compound to make sure the surface is smooth and grouts are filled is mandatory. As a reminder all substrate preparation must come from one system (i.e. one manufacturer).

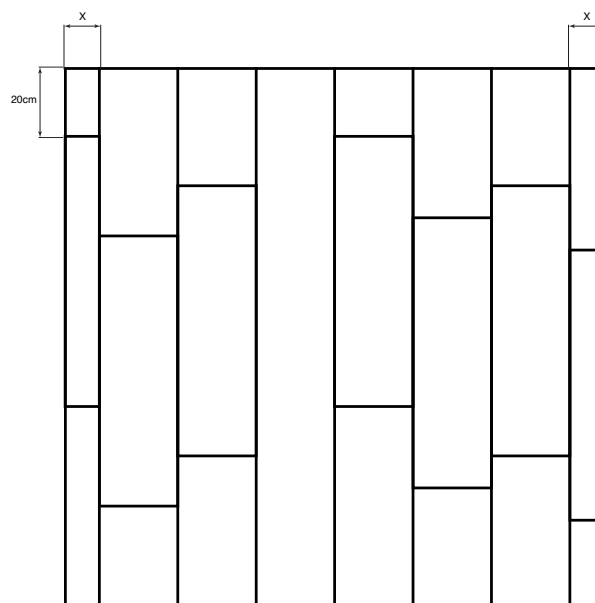
Underfloor heating

Hydronic (water) underfloor heating systems are allowed if they are embedded in a concrete subfloor. It is key to respect the underfloor heating system guidelines prior to installing Flexile especially to make sure the subfloor is permanently dry (it is therefore imperative to follow the process to release moisture from the subfloor prior to Flexile installation). Radiant electric underfloor heating systems are allowed if they are embedded in a concrete subfloor or minimum 12 mm and have a maximum output of 100 watts per m².

For both systems, the maximum system operating temperature is 28°C. The use of a temperature probe is mandatory.

The installer is fully responsible to document the underfloor heating installation process to prove that the system was installed following all mandatory guidelines.

Installation



Proportionate distribution

Always make sure you have a proportionate distribution between the left and the right side of the main room of the installation when it comes to the width of the planks or tiles. It is possible that you need to cut part of the width of the row that will be fitted against the wall in order to obtain a more proportionate distribution between the left and the right side of the room. We recommend having a joint offset corresponding to 20 cm.

Cut

The minimum size of a plank or tile installed after it is cut should be 50 mm, make sure cut edges are always against the wall. To properly cut LVT /LVP products score the top side of the material with utility knife. Bend the product and finish the cut through the backside. This will ensure the cleanest cut. It may be necessary to slightly warm up the product so it is easier to manipulate and cut around vertical obstructions. Allow the heated LVT /LVP to return to room temperature before installation.

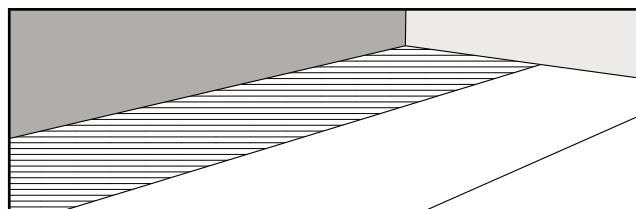
Orientation

It is custom practice to lay the planks or tiles in the direction of light or in the direction of the traffic.

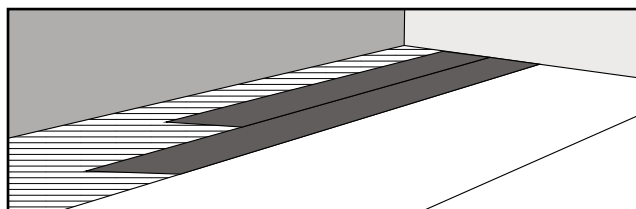
Read carefully the installation guidelines of the glue you selected before starting, it is imperative to respect all rules including the drying times that will give your more guidance regarding the timeline of below steps.

Step by step

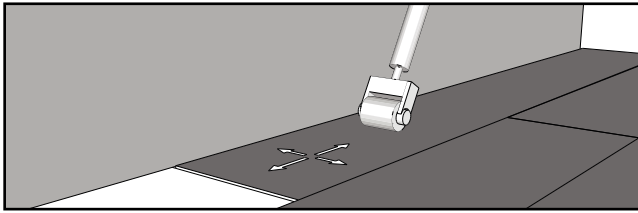
1. Delimitate the installation space in smaller areas according to the format you are installing (tile, plank or herringbone) as you cannot apply glue everywhere on the subfloor at a time, work toward the exit and make sure you don't have to step on the newly installed product while installing new rows



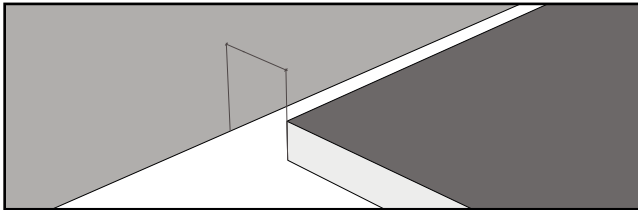
2. Apply the glue according to the glue manufacturer's guidelines.



3. Flexile must be laid on the glue in a joint-tight and tension free manner.



4. Press down Flexile over the entire surface with a proper hand pressing roller.



5. When getting close to a wall, mark the item that needs to be cut and bear in mind that it is necessary to keep a gap at the edge so there is no compression against the wall or any other element.
6. If you need to make a clean cut to transition to another floor covering, using a linocut is advised
7. Once an area is finished, use your segmented roller (50 kg) all over the installed surface. You can use your hand pressing roller for areas difficult to access to with the segmented roller.
8. Repeat the process in the next area.

Make sure to respect the glue manufacturer's guidelines in regards of the drying time. It is imperative not to use the area during that duration.

After the installation

- Any unused materials are to be stored laying flat in a dry place at the owner's premises and can serve as repair pieces in case of an accident or any damage
- Once the area is fit for use, you can clear the floor with Flexile cleaning products. Please refer to the Flexile Care Guide.
- Should any construction work be required after the installation, we recommend covering the entire floor. Use vapour permeable floor protection so as to avoid any moisture or vapour from lingering on the floor
- Protect Flexile from deep scratches when moving furniture or heavy appliances over the floor

Daily floor protection

Protect your floor by using the right protective caps or pads on all sliding or moving furniture. Protective caps are available in almost every size and for every possible chair or furniture. Also use pads for heavy static furniture with small areas of contact with the floor to better distribute the load. Finally, do not forget to protect your floor when you move furniture or appliances, even if they have wheels.

Castor chairs

Castor chairs need to use double band W type soft wheels made for hard floors. Other chair castors may cause some damage.

Door mat

Use the right doormat at the entrance to avoid litter and road dirt. Sand, mineral residues and other road dirt can cause scratches on the floor. Always use doormats with a plasticizer resistant backing.

Care guide

For more information on how to take care of your Flexile floor, please read our Care Guide