

PlusFloor®

Installation Guide

Vero Chevron



Preparation

Prior to commencing the installation process, it is imperative to thoroughly peruse these installation guidelines and adhere to them meticulously during the laying procedure. It's worth noting that the warranty will become void if the flooring is not laid in accordance with these stipulated instructions.

It is not recommended to install this product in spaces or residences lacking climate control. It is advised to steer clear of significant temperature disparities. Prolonged exposure to temperatures surpassing 27 degrees Celsius or direct sunlight will result in detrimental effects on the flooring.

Before installation, the flooring needs to be acclimatized for a minimum of 48 hours while still within its sealed packaging. Ideally, this should be done horizontally and positioned centrally within the designated area for installation. It is crucial not to stack more than six boxes atop each other, and it's essential to shield the boxes from heat sources like stoves or direct sunlight. The room temperature must range between a minimum of 18 degrees Celsius and a maximum of 27 degrees Celsius. The relative humidity should not exceed 70%, with an ideal range being between 40% and 60%. The subfloor must adhere to the specifications outlined in the DIN 18365 standard, remaining consistently flat, dry, clean, and structurally sound (without springiness). Thorough assessment for moisture issues in the subfloor is necessary. Although PVC is resistant to water, it is not impervious to moisture. The floor's moisture content should not surpass the following values, as measured using Thecm-Gerät:

Sand/cement: Less than 2.5%

Anhydrite: Between 0.3% and 0.5%

Magnesite: Less than 0.3%

Cold bitumen: Less than 2%

It's imperative to ensure the evenness of all subfloors, as even the slightest unevenness will become evident over time. Regarding specific inquiries about adhesive usage, consulting your materials supplier is recommended. If employing an MDF or other floating wooden subfloor, it is obligatory to use a PE foil with a thickness of at least 150 micrometers at all times. Ensuring proper expansion space all around is also of paramount importance.

Subfloor Preparation

It's important to follow these moisture guidelines and ensure that the subfloor conditions meet the recommended moisture levels before proceeding with the installation of Vero flooring. Adhering to these requirements helps to prevent issues such as moisture-related damage, warping, and adhesive failure, ensuring a successful and long-lasting installation.

Note: Before installing Vero flooring, the installer must thoroughly evaluate the subfloor and installation environment. This assessment involves checking for flatness, smoothness, moisture levels, structural integrity, contaminants, and defects. Factors like subfloor type, installation method, and flooring requirements should also be considered. By conducting a comprehensive assessment, the installer can address any necessary floor preparation, ensuring suitable installation conditions. This minimizes the risk of problems like unevenness or adhesive failure, resulting in a durable and high-quality flooring.

Acclimatisation

Prior to installation, it is essential that the Vero flooring is allowed to acclimatise in the designated room or a similar space for a minimum of 24 hours. This time is necessary for the product to reach the appropriate ambient temperature, which should fall between a minimum of 18°C and a maximum of 27°C.

To facilitate a gradual acclimatisation process, it is advised to store the planks or tiles in straight piles, ensuring they are kept away from any sources of heat, cooling, or direct intense sunlight. This precautionary measure will help achieve the desired gradual adjustment of the flooring material to its surroundings.

Temperature Condition Before Installation

Before proceeding with the installation, it is important to ensure that the ambient temperature in the room falls within the range of 18°C to 27°C. Additionally, the temperature of the subfloor should be maintained above 15°C. These temperature conditions are necessary for the proper installation of the flooring.

Temperature Condition During and After Installation

During and after the installation process, it is crucial to maintain a consistent temperature that does not deviate by more than 5°C per day. It is important to ensure that the ambient temperature in the room falls within the range of 18°C to 27°C. The room temperature should not fall below the recommended 18°C, while the subfloor temperature should remain above 15°C. This temperature stability should be upheld for a minimum of 24 hours prior to installation and throughout the entire installation process.

Underfloor Heating

PlusFloor Vero is compatible with traditional water-based underfloor heating systems, in accordance with standard EN 1264 part 1 to 5. However, it is not recommended to use wired electrical systems unless they are encased in a minimum of 9mm of suitable levelling compound. It is important to avoid direct contact between the flooring and electrical wired heating systems. The surface temperature should never exceed 27°C. If you have any doubts or questions, it is advisable to seek additional advice.

After the installation is completed, it is necessary to gradually increase the temperature of the underfloor heating system over a period of 72 hours. This should be done in increments of 5°C per day until it reaches the standard operating temperature conditions, with a maximum operating temperature of 27°C. It is important to refer to the manufacturer's instructions to ensure the suitability of the system.

Please note that the following information is specific to the installation on PlusFloor looselay self-adhesive underlays. While some infrared heating panels may be suitable, caution should be exercised as certain systems can generate sudden heat gain, which is not recommended. Regardless of the circumstances, the surface temperature must not exceed 27°C. If you have any doubts, it is recommended to seek further advice.

Installation

1. Necessary Tools

Utility knife with trapeze blade, pressing roller (50 kg), square, measuring tape, chalk line marker with white chalk and pencil.

2. Necessary Quantities

Accurately measure the room where the flooring is to be installed, and then add 5 % extra material for the cut. Please, only work with material with the same batch number. To achieve a uniform and natural surface look, alternately mix planks/tiles from 3-4 different open packages.

3. Unsuitable areas for installation

It is unsuitable for exterior use, or for use in rooms without heating, such as winter gardens, etc. Prolonged exposure to direct sunlight can cause discoloration of the surface due to high temperature.

4. Installation of the floor

Before starting installation works, please check the article number and the batch number on the labels. Do not use material with different batch numbers in one room. Also control the planks for visible faults. If you come across damaged panels do not install them, as this can cause subsequent complaints to be rejected. Full surface bonding of the material with an appropriate adhesive is necessary. The gluing procedures shall be conducted in accordance with the instructions provided by the manufacturer of the adhesive.

Use a chalk line marker with white chalk to mark the centre of the room, in order to ensure perfect surface distribution. When installing tiles, it is useful to mark a cross in the centre of the room with a chalk marker and white chalk. Starting installation at the centre of the room allows you to achieve the nicest results with the least possible waste of material due to cuts.

Note: Please take care not to push the planks against one another during installation—just press them gently into place. This glued design flooring shall be pressed down with an appropriate pressing roller (50 kg), both during and after installation.

Useful Tip: Remember to keep some spare planks / tiles for later. You may need them later on to repair planks / tiles with mechanical damage or discolorations.

5. After finishing the installation

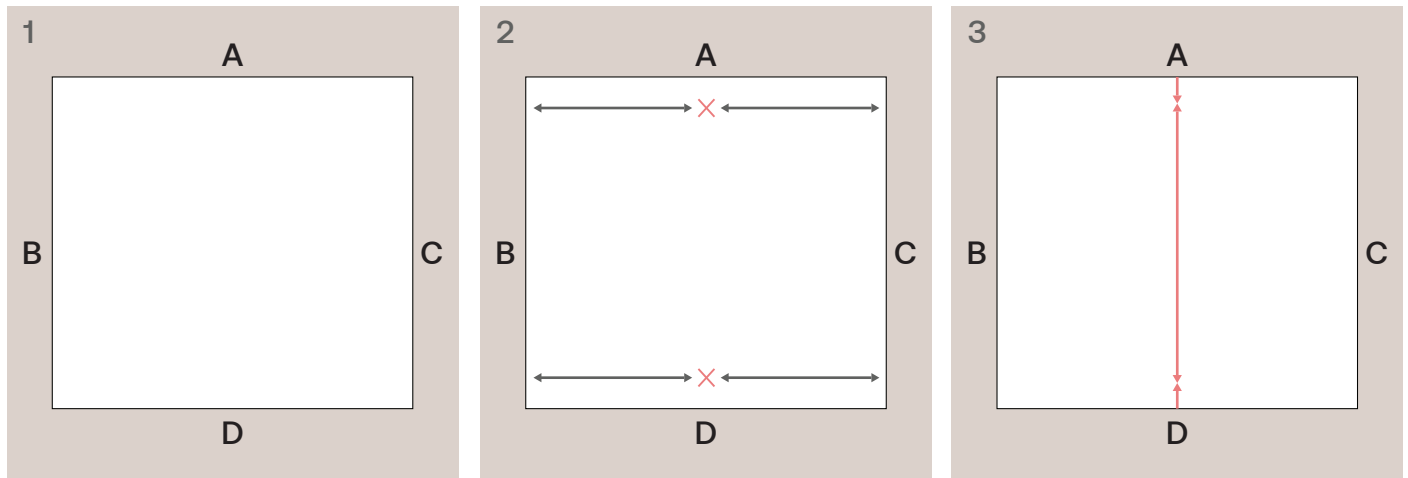
- Place appropriate felt glides under all movable furniture feet.
- All chairs and furniture with casters must be provided with soft, W-type wheels (casters).

6. After finishing the installation

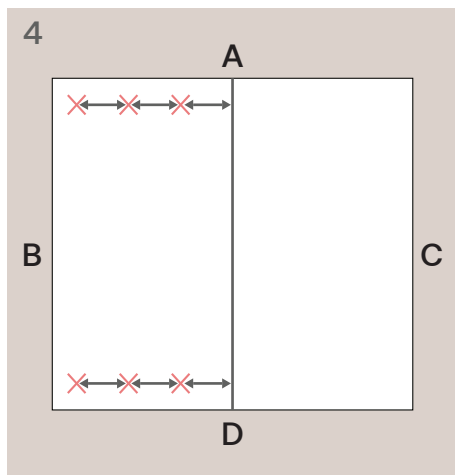
After installation works, end-of-work cleaning must be carried out. Routine cleaning can easily be done through sweeping, vacuum cleaning or damp wiping. Persistent stains shall be removed by means of an appropriate PU-cleaner. Always avoid contact of aggressive or staining agents with the flooring. We advise placing a matt in the entrance to minimize dirt ingress, and to extend the durability and beauty of your new floor.

Installation Method

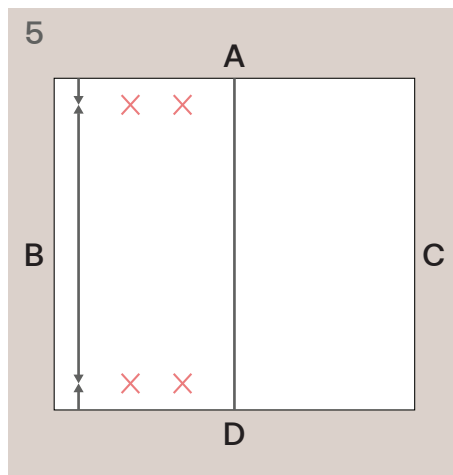
Determine Room



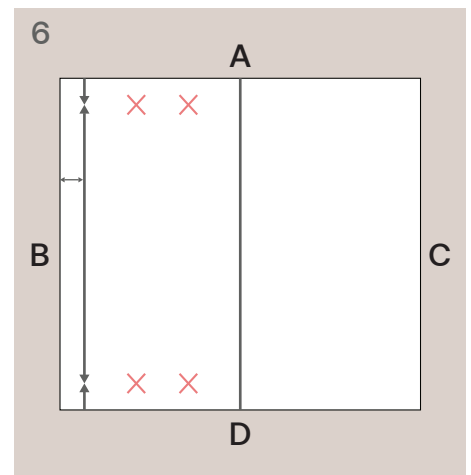
Determine the position of the columns



Establish the starting line



Measure and cut the starting column

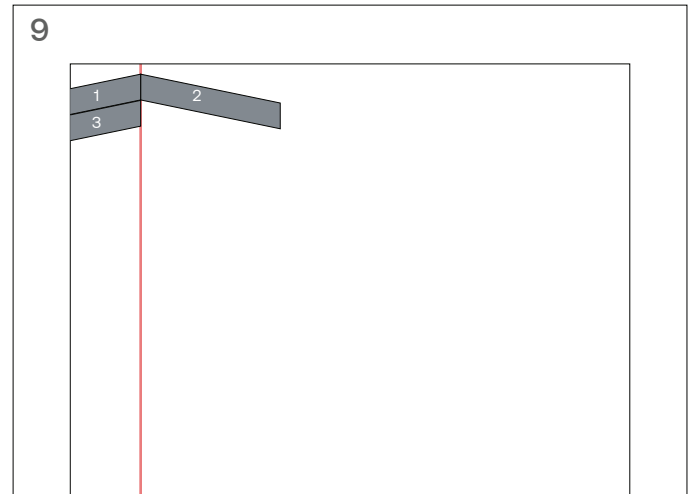
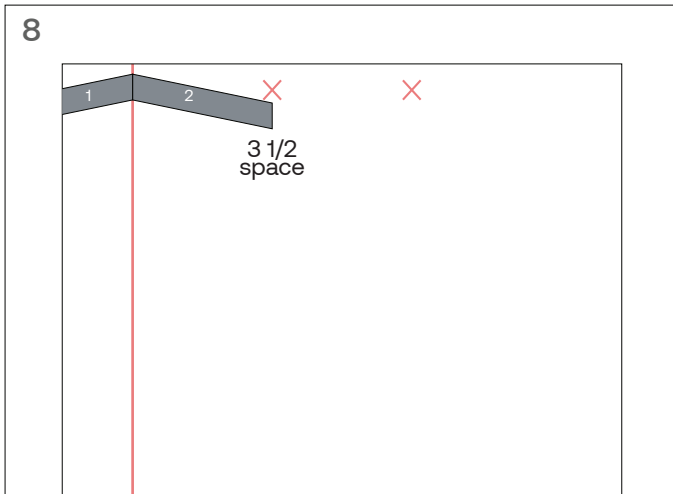


Separate the planks

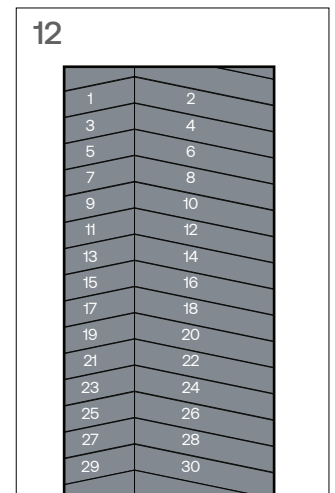
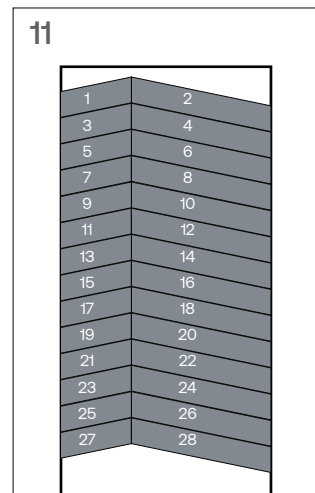
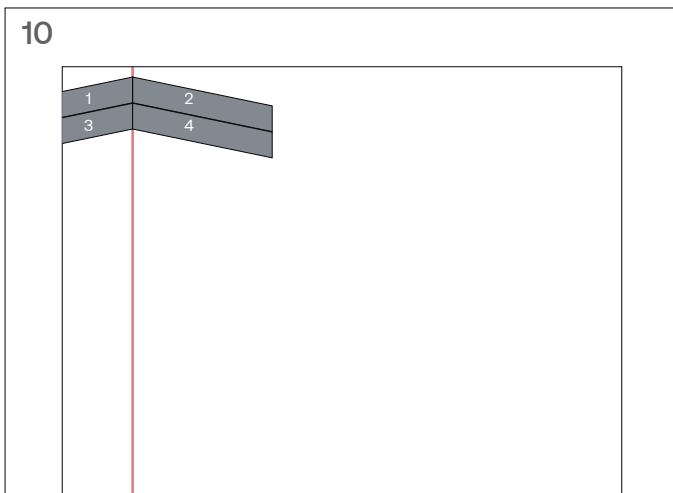


Installation Method

Install first, second, third and fourth planks



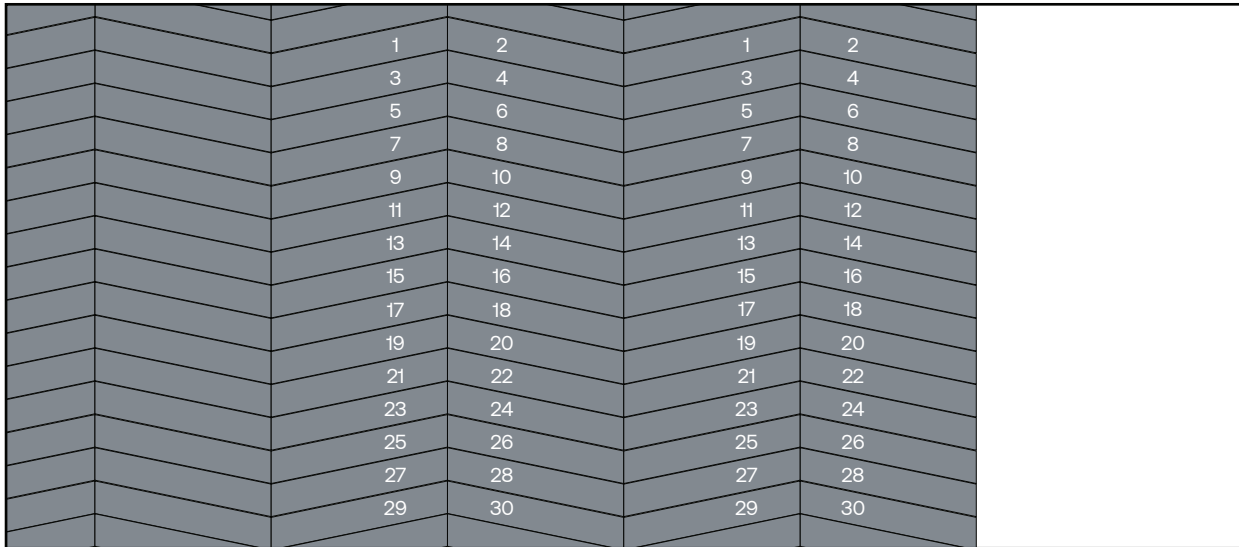
Maintain alignment and trim cuts near the wall



Installation Method

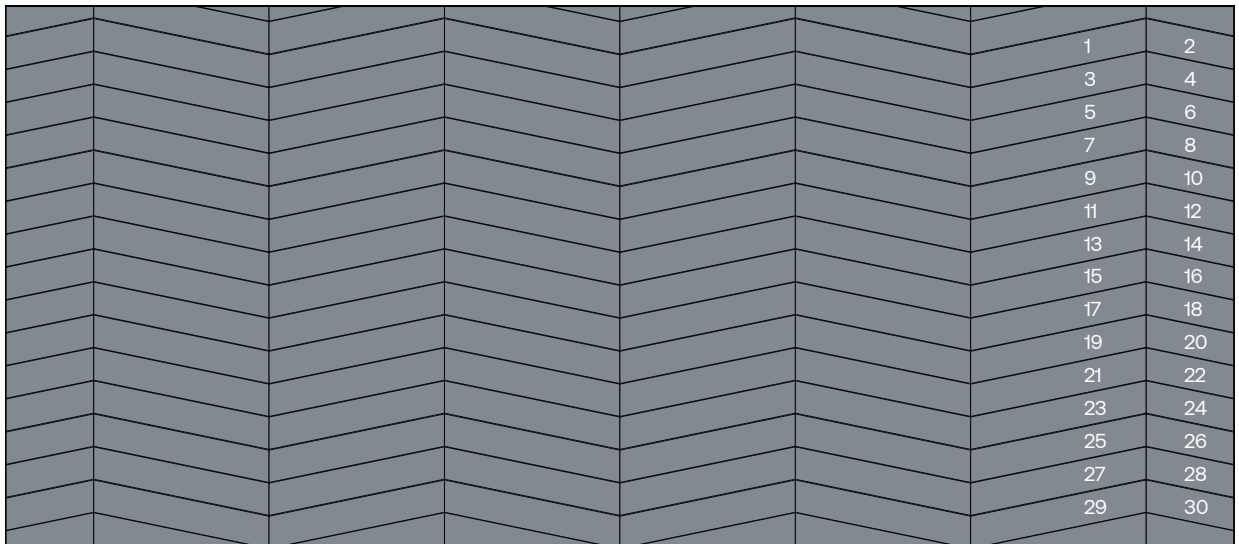
Subsequent columns

13



Final columns

14



Advice for Maintenance:

- Place suitable doormats made from materials other than rubber in front of doors to prevent a large amount of dirt from entering the living space.
- Utilize felt pads beneath furniture and chair legs. For rolling office chairs, ensure they have PVC floor-friendly castors without plasticizers, with treads that are at least 2 cm wide.
- Exercise caution to prevent scratching the floor when moving objects across it.
- Maintain the floor's appearance by cleaning it at least twice a week using a vacuum cleaner or mop. In cases of heavy usage, more frequent cleaning will be necessary.
- Refrain from using harsh cleaning agents that could harm the floor's integrity.
- Keep pets with lengthy nails off the floor, as their nails can create deep scratches that damage the surface.
- Minimize exposure to direct sunlight, as most floor types tend to fade due to this influence. This is also important due to potential local temperature variations (see general guidelines).
- To prevent color discrepancies, it's advisable to rearrange furniture periodically.
- For unoccupied homes, it's recommended to maintain natural ventilation or regular air conditioning.

Product Guarantee:

Starting from the production date, the manufacturer of this PVC flooring offers a warranty covering any concealed manufacturing defects that might reduce the product's lifespan.

The warranty solely pertains to the product's purchase value and is valid only if installation adheres to the provided installation regulations.

In cases where a valid complaint is identified by the technical service, a deduction in value due to usage is taken into consideration. The purchase value decreases to zero by the end of the warranty period.

INSTALLATION AND WARRANTY

All PlusFloor floors should be installed by a skilled and competent installer who will consider the unique circumstances of each site. The PlusFloor warranty will be applicable only to floors that have been installed by a competent flooring installer conforming to the standards comparable to BS8201 in the UK or an equivalent standard worldwide.

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