



## INSTALLATION INSTRUCTION MULTI-LAYER RIGID VINYL FLOORING WITH VALINGE 5Gi CLICK (HERRINGBONE)

### BEFORE THE INSTALLATION

#### CONDITIONING

Store your multi-layer rigid vinyl flooring in the same room as the installation for minimum of 24 hours prior to the installation. During this time, floorboards should remain in the carton and be laid horizontally on a flat surface. Room temperature should be maintained between 18° and 27°C (65° and 80°F) and humidity between 30% and 50%. It is also recommended to cut the carton on the short side to allow airflow inside the box. If your multi-layer rigid vinyl flooring is exposed to significant temperature changes (delivery during cold days and installation in a room with heating system on), it should not be installed without conditioning.

#### PREPARATION

- Make sure that the subfloor is flat, dry, clean and stable. It is recommended to use self-levelling compound. Only interior installation is allowed.
- Multi-layer rigid vinyl flooring should be installed directly on concrete (or anhydrite) subfloor.
- It is allowed to install multi-layer rigid vinyl flooring on other hard floor coverings such as: resin floors, wood-based boards (OSB or MFP), wooden

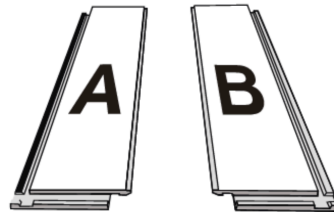
floors, natural stone, even ceramic tiles (joints <2 mm deep and <4 mm wide). The existing floor must be flat, dry, clean, stable and attached to the ground. Any damage or unevenness of the existing floor must be removed.

- Installation over floating floors, carpets and other soft floors is prohibited.
- Subfloors should be flat within a tolerance of 2 mm over a span of 1 m (4 feet) and 1 mm over a span of 20 cm (8"). Any unevenness over these parameters must be sanded down or levelled with a floor leveller. Voids or humps in the subfloor will prevent the planks from locking properly.
- It is recommended to make ceramic tiles smooth by applying a cementitious overlay such as patching or levelling compound to smooth out grout joints.
- Although multi-layer rigid vinyl flooring is waterproof, it is not to be used as a moisture barrier. Your subfloor should be completely dry prior to installation of the multi-layer rigid vinyl flooring (<2,5% moisture degree for concrete subfloor, <0.5% for anhydrite). Moisture will not damage the product but it might get into walls and structure of the home. If there is a risk of moisture and installation is performed directly on the subfloor, it is also recommended to use vapour barrier film.
- Expansion joints should be made around the perimeter of the room, as well as around permanent objects (columns, pipes, kitchen furniture, kitchen islands, sliding wardrobes, etc.). In the case of humid rooms (bathroom, kitchen), use MS or PU polymer sealant under the finishing profile.
- Areas larger than 200 m<sup>2</sup> (2000 ft<sup>2</sup>) or longer than 20 m (65 feet) should be broken into smaller areas and it is recommended to use 8 mm (5/16") expansion gaps.
- It is recommended to use expansion gaps in doors, especially in the following situations: temperature differences between rooms (large windows and a lot of sunshine in one room), underfloor heating system only in one room, differences in shapes and sizes of the two areas (narrow corridor and large, open room) or large and heavy objects in one room.
- The final responsibility for determining if the subfloor is well prepared and dry enough for installation of multi-layer rigid vinyl flooring lies with the floor covering installer. It is recommended to use certified flooring installers.

# INSTALLATION

## GENERAL RULES

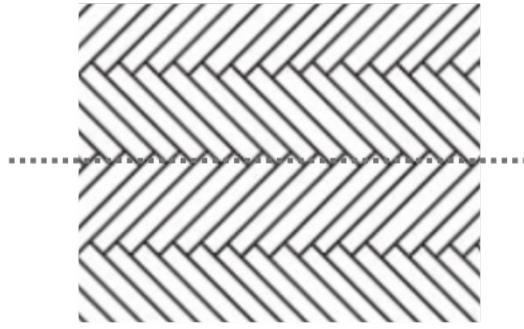
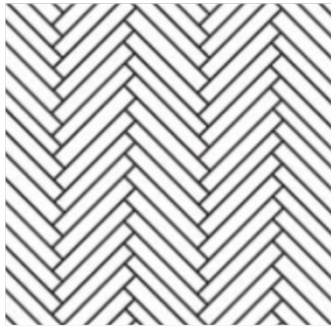
- Every box contains A planks and B planks. The amount of A planks is equal to the amount of B planks in every box. You can find a picture of the A plank and the B plank below.



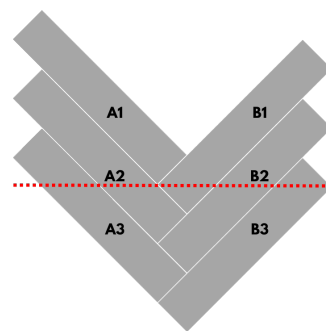
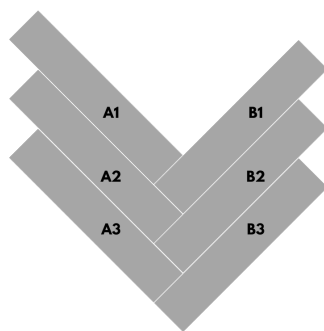
- Before you start the installation, please select the herringbone pattern that is the most suitable for you and plan the layout properly.
- Installation of multi-layer rigid vinyl flooring in the herringbone pattern is moderately difficult. Remember to join plank very carefully and precisely. Long edges should be joined at an angle, and short edges should be tapped with a rubber mallet. Improper connection of planks may result in rejection of a possible claim.
- When installing the multi-layer rigid vinyl flooring you must remember to leave a 6 mm (1/4") gap around the perimeter of the room. When first starting the installation, you can install against the wall and after 2-3 rows, adjust the distance from the wall by 6 mm (1/4") and insert spacers to maintain that gap.
- If the wall is uneven, the floorboards must be adapted to its contours. Mark the floorboards with the contour of the wall. Do not forget to leave 6 mm (1/4") of gap from the wall. This procedure shall be used also for the first row if necessary.
- Installation method for two most popular herringbone patterns (the block pattern and the classic pattern) is presented below.

## CLASSIC PATTERN

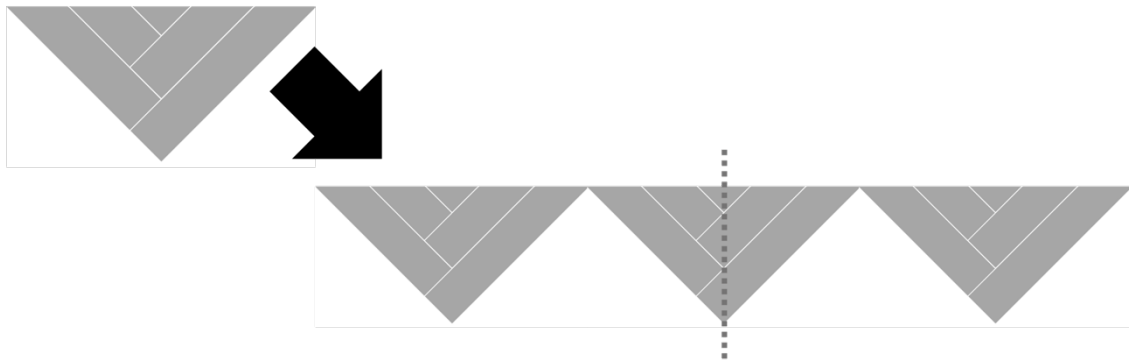
- This method refers to installing the floor in the classic pattern.
- Start with drawing the main line to divide your room in half. This line will be your main axis to install the floor.



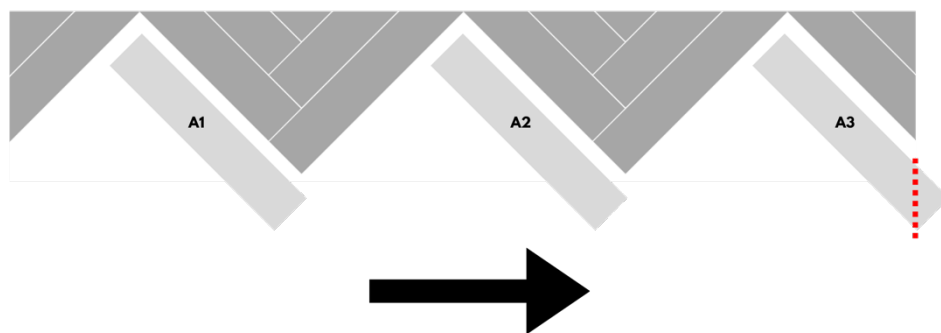
- In order to proceed with the installation, you have to make starting sets. Starting set consists of 3 pieces of an A plank and 5 pieces of a B plank that can be form into triangles.
- Start preparing starting set by placing the first A plank in the left corner at an angle of 45 degrees. The tongues on both short and long side should be facing walls. Then take B plank and place it perpendicular to A plank. Place the tongue on the long side of B plank at an angle into the groove on the short side of A plank and connect it. After laying, the grooves on the long side of A planks and on the short side of B plank should be in one line. In the next move, take A plank and place it parallel to the long side of A plank and the short side of B plank placed earlier. Place the tongue of the long side at an angle in the grooves of boards A and B and connect them. Continue with the remaining planks in the same manner.



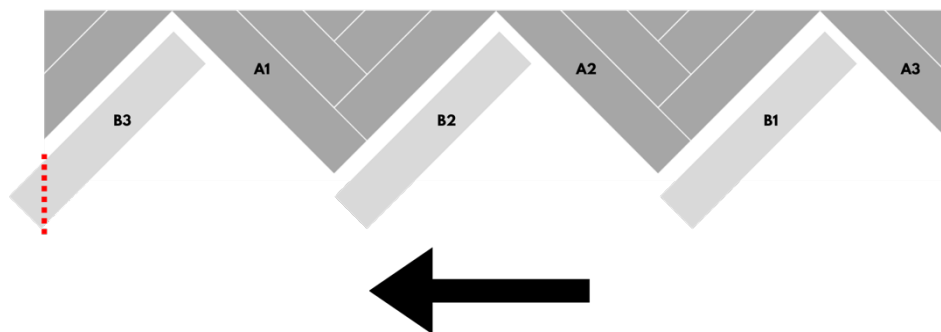
- Once you make the first set, you can cut additional sets by following the same process. The number of starting sets depends on the width of your room. Cut the starting sets accordingly at the end of the room. Do not forget to leave 6 mm (1/4") of gap from the wall. Line up starting sets using your main axis and align properly, so they can be connected together.



- Start connecting the sets and laying the first row from the left side, using A plank. The long side should be connected at an angle, and the short side should be tapped with a rubber mallet. Repeat the same process towards the right until the row is completed. Cut the planks appropriately at the ends of the room. Don't forget to leave a 6 mm gap near the walls.



- Start the second row from the right side using B plank. The long side should be joined at an angle, and the short side should be tapped with a rubber mallet. Repeat the same steps towards the left until the row is completed. Cut the planks appropriately at the ends of the room. Don't forget to leave a 6 mm gap near the walls.



- To finish up the installation, repeat the same process cutting the planks accordingly at the end of the room. Do not forget to leave 6 mm (1/4") of gap from the wall.

## IMPORTANT

- Multi-layer rigid vinyl flooring may be installed over water-based and electrical underfloor heating systems according to above mentioned instructions, provided the surface temperature of the floor does not exceed 27°C (81°F). It is mandatory to follow gradual temperature increase rule and thermal seals. Due to the speed of sudden temperature changes, which has potential to negatively affect the construction of multi-layer rigid vinyl flooring, electrical underfloor heating system must include a temperature increase steering device. Both water-based and electrical underfloor heating systems have to be installed in the subfloor and the distance between the heat source and the floor should be at least 15 mm (5/8"). If the installation area with underfloor heating system installations is larger than 40 m<sup>2</sup> (430 ft<sup>2</sup>), it is recommended to use 8 mm (5/16") expansion gap.
- When installing in a bathroom, it is recommended to use MS or PU polymer sealant to fill gaps in the bathtub, shower or other wet areas to prevent water from getting under the floor surface.
- It is not recommended to install multi-layer rigid vinyl flooring in areas exposed to intense direct sunlight and temperature greater than 60°C (140°F).
- It is not recommended to place heavy, non-moving objects with weight over 300 kg (660 lbs) (equal load) directly on the multi-layer rigid vinyl flooring. In case of heavy furniture or kitchen, it is recommended to cut out holes in the multi-layer rigid vinyl flooring and install it directly on the subfloor while maintaining expansion gaps.
- Multi-layer rigid vinyl flooring with click should be installed as floating floor.
- If the installation is performed without taking into consideration above recommendations, product warranty might be voided.

## AFTER INSTALLATION

### CARE AND MAINTENANCE

In order to maintain your multi-layer rigid vinyl flooring in a good condition:

- keep the temperature in the room between 18° and 27°C (65° and 80°F),
- sweep or vacuum daily using soft bristle attachments,
- clean up spills and excessive liquids immediately,
- protect floor from constant direct sunlight,
- use proper floor protection devices such as felt protectors under furniture and a mat at entrance ways,

- make sure pets have nails clipped regularly,
- do not drag or slide heavy objects across the floor.

Additionally, we recommend using cleaning and maintenance products from Dr. Schutz. For the everyday use, we recommend the active PU Cleaner agent that removes dirt and grease residues. It is an agent that cleans the floor from dirt, while leaving a polyurethane film that additionally protects the surface of the floor. Cleaning and maintenance instructions for cleaning and maintenance products from Dr. Schutz are available at points of sale offering Dr. Schutz products and on the following websites:

- [www.epuflooring.pl](http://www.epuflooring.pl)
- [www.vinyltechlab.pl](http://www.vinyltechlab.pl)
- [www.dr-schutz.eu](http://www.dr-schutz.eu)

For more information, please contact [help@epuflooring.pl](mailto:help@epuflooring.pl).

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