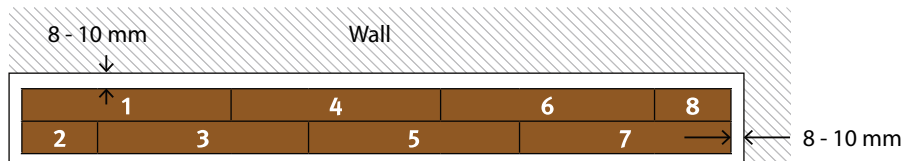


Installation

Check the flooring boards for visible damage / defects. Determine which is the tongue and which is the groove (Figure 1/ Figure 2). Start installing the first two rows in the left-hand corner of the room, ensuring that both tongue sides of the first board face the wall and both groove sides face the fitter (Figure 1/ Figure 2).

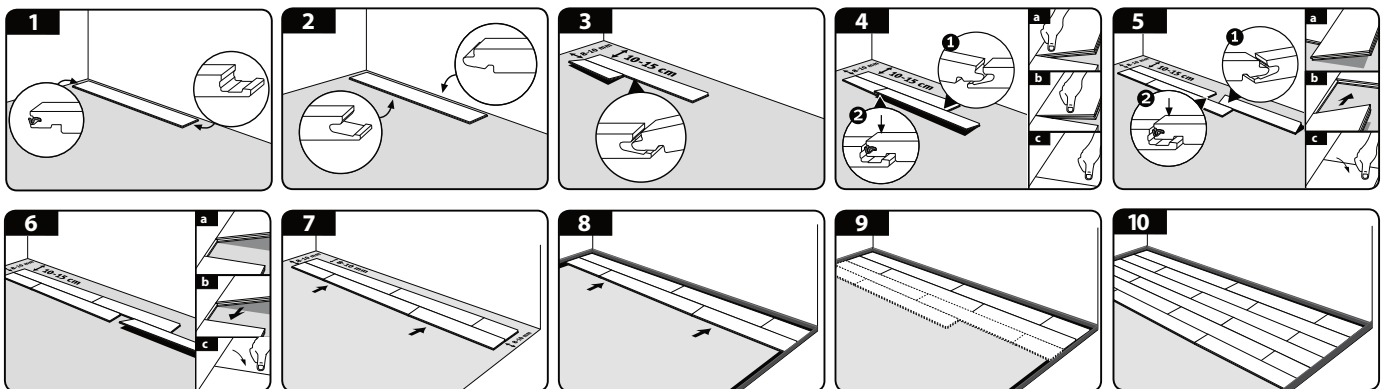
The boards in the first two rows can be installed simultaneously, which means constantly alternating them whilst complying with the minimum offset of the end joints of 200 mm (In the case of Long format boards, a minimum offset of 500 mm applies, as shown and described below).



- Board 1 = Lay in a left-hand corner of the room
- Board 2 = Longitudinal angling of this shortened board. To do so, place the longitudinal tongue diagonally from above into the longitudinal groove of Board 1 and lower Board 2 until it is lying flat. (see Figure 3)
- Board 3 = Longitudinal angling & pressing in the short side. To begin with, return the longitudinal tongue at a slight angle from above into the longitudinal groove of Board 1. Now push Board 3 in this slanted position towards the front of Board 2, until the short sides of both elements push against each other and fits perfectly. Once again lock the longitudinal connection by lowering and at the same time the frontal connection by pushing until you can feel them snap into place. (see Figure 4)
- Board 4 = Longitudinal angling on the opposite side and pressing in the short side as before. Place the longitudinal groove at a slight angle under the longitudinal tongue of Board 3. Push Board 4 in this slanted position towards the front of Board 1, until the short sides of both boards push against each other and fit perfectly. Now once again lock the longitudinal connection by lowering and at the same time the frontal connection by pushing until you can feel them snap into place. (see Figure 5)
- Board 5 = Longitudinal angling and pressing on the short side (see Board 3).
- Board 6 = Longitudinal angling and pressing on the short side (see Board 4)
- Board 7 = Longitudinal angling and pressing on the short side (see Board 3)
- Board 8 = Longitudinal angling and pressing on the short side (see Board 4).

Install all remaining boards for the first and the second row as described above, and cut the last boards to fit (Figure 6)

Finally, orientate the first two rows to face the walls, as required, check the wall distance (8-10 mm) from the wall and position the spacers. (Figure 7 to Figure 10)

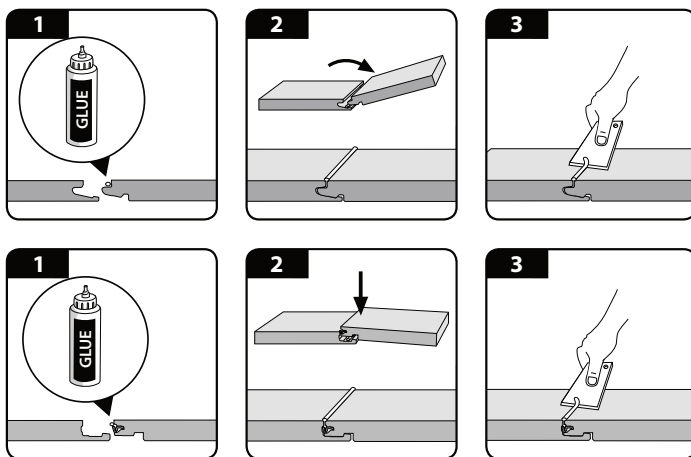


Make sure that the short ends are staggered at least 200 mm (8"). Attention! When installing Long format floor boards, the short ends must be staggered by at least 500 mm.

- In the case of products supplied with a bevel and / or with a special pattern (e.g. tiles decor), ensure the offset is even according to the bevel and / or pattern.
- You install the first board of the third row by inserting the tongue on the long side into the groove on the long side of the second row diagonally from above. Then, lower the board until it is lying flat. To install the second board of the third row, once again tilt the long edge with the tongue down and slide it into the groove on the long side of the second row. With the board in this tilted position, now slide it towards the end of the first board in the third row until the frontal connection mechanisms are above each other so they fit perfectly. Once again, lock the long edge by lowering the board and the front by pushing until you can feel it lock.
- Install all remaining boards for the third row as described above, and cut the last board to fit.
- All the following rows can be started with the leftover piece of the previous row if this is at least 200 mm long or 500 mm for Long format floor boards.
- You can continue to install board after board now.

In order to prepare the last row of boards for installation, take the board and place it exactly on top of the row before last. By means of a residual board (board width), it is possible to transfer the wall structures to the board within a pre-chosen distance.

Class 31, 32 and 33 Commercial Applications



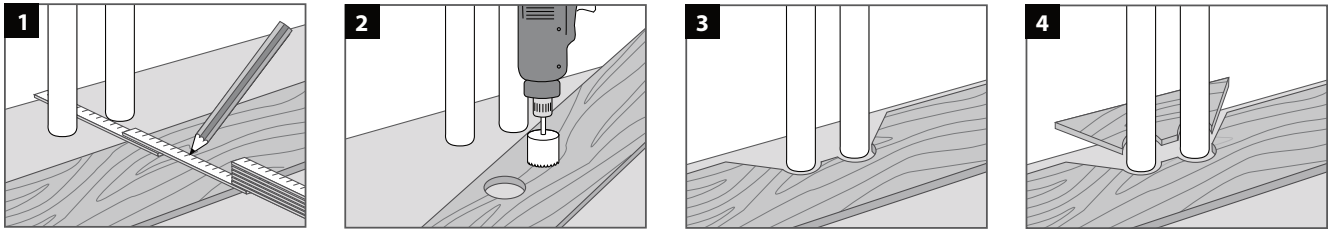
Commercial areas are exposed to various levels of moisture and because of this, additional sealing with PVAC glue (D3), is mandatory in such applications. The sealing glue should be applied on the long and short side of the tongue of the board being installed so that it can leak out along the full length of the connection at the top when the boards are joined together. Make sure that there is no gap in the flooring joints under the glue which has oozed out. Excess sealing glue is easy to remove from the surface immediately or after a short drying period.

Due to the profile geometry, a proportionate amount of glue is to be applied, particularly on the short side.

Built-in kitchens / built-in cabinets

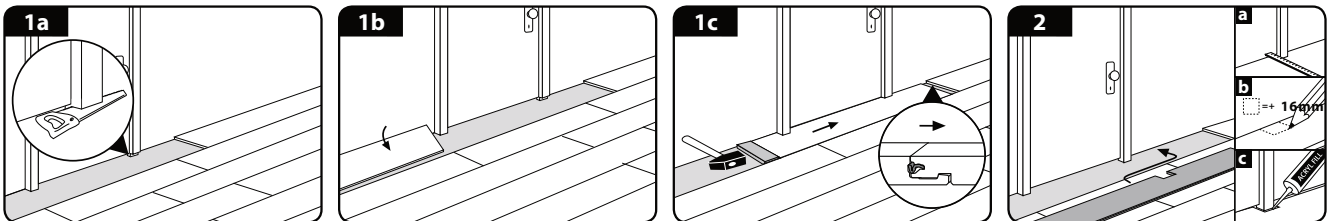
It is recommended to assemble built-in kitchens and cabinets before installation and to install the laminate or Comfort flooring to just behind the plinth panel.

Pipes



- Measure the position of the pipes and mark it on the panel (allow for edge joint).
- Drill at least 16 mm more than the diameter of the pipe.
Saw the holes at a 45° angle.
- Fit and glue the sawn piece.

Door & Frames



- If there are wooden door frames, it is recommended to shorten these by the installation height (flooring plus underlay materials) in consultation with the customer. (Figure 1a)
- Then install laminate or Comfort flooring under the frame with an appropriate expansion joint. In case the installation takes you to a door frame, the respective board can be angled longitudinally and lowered. Subsequently, the element placed flat on the floor is pushed under the door frame and the frontal connection is locked through horizontal knocking with a hammer and tapping block. (Figure 1b + 1c)
- On door frames that cannot be shortened, e.g. made of metal, the fitted expansion joint must be sealed or covered with an elastic jointing material or suitable end profiles. (Figure 2)

Flooring profiles and skirting boards

After finishing the professional installation of the laminate or Comfort flooring, both the necessary flooring profiles and skirting boards are fitted. Simple assembly instructions are enclosed with all the accessories.

With most types of profile, it is necessary to fit the base (sub-profile) to take the cover profile before installing laminate and Comfort flooring.

Removal / Dismantling of Boards

To replace boards already installed without damaging them, you must firstly loosen the entire row on the long side from the locking mechanism by bending it and then pushing the boards parallel against each other on the short side whilst they are flat on the ground. Proceed with due care in order to avoid damaging the tongue and groove.

