Installation Guide
WOOD FLOORING

This installation guide gives you a summary of the most important points to consider before, during and after installation. For more detailed written guidance and tutorial videos, we recommend that you click/scan the QR codes in this guide. If you are unable to check the website or scan the QR-code, please contact your dealer or contact your local Unilin technical services.

TO OBTAIN THE BEST RESULT, THE INSTALLATION GUIDE MUST BE CAREFULLY FOLLOWED BY ALL PARTIES.
LOCAL REGULATIONS AND STANDARDS REGARDING INSTALLATION OR SITE CONDITIONS MUST BE FOLLOWED IF THEY ARE STRICTER.

SUITABILITY, CARE, MAINTENANCE AND WARRANTY GUIDELINES

MAINTENANCE

REPAIR GUIDE

WARRANTY

FLOOR HEATING

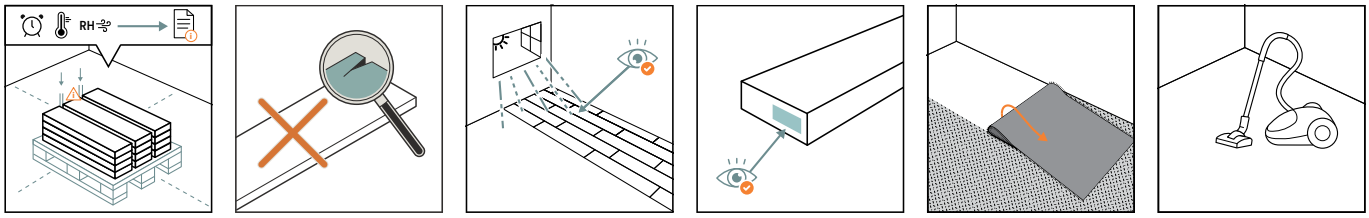
- Designed for indoor heated applications, see condition table.
- Wood For Live technology allows installation in humid areas (for specific water-resistant conditions, see warranty).
- Not suitable in areas which have a built-in floor drain.
- Not suitable in very humid/dry areas such as but not limited to saunas, non-heated rooms, pool areas and showers, etc. .
- A floating installation should remain floating! Never fix/block/permanently load a floating floor! (e.g. do not install kitchen, built-in closets, heavy stoves, fixed objects,... on top of the floor).
- Boxes should be stored and transported flat, in neat stacks. Never store them upright.
- For maintenance instructions: click/scan the Maintenance QR-code.
- Preventive measures:
  - Install a proper doormat at all external entrances;
  - Keep the furniture legs always equipped with soft and clean protective pads;
  - Use soft castor wheels (type W according to EN 12529) and/or a suitable protective mat;
  - Never drag items over the floor, but always lift them.
- Remove spills immediately.
- Always maintain a relative humidity (RH) of 30-85% in the room.
- In case of damage, click/scan the Repair guide QR-code.
- Sunlight will affect the original color. This may lead to color fading and color changes.
- Open joints may appear during the heating/cooling season and/or excessively rapid or large relative humidity swings.
- For more information about the warranty (residential and commercial applications): click/scan the Warranty QR-code.
- In case of floor heating /cooling: click/scan the Floor heating QR-code.

CONDITIONS TABLE	ROOM TEMPERATURE	RELATIVE HUMIDITY (RH)
Storage & transport	> 0°C	30-85%
Acclimatization + during installation Floating installation: 48 hours before, during, until 24 hours after installation Glued installation: 48 hours before, during, until adhesive is fully cured	15-25°C *	30-85%
Usage	> 0°C	30-85%

In case of floor heating and cooling, see floor heating instructions.
(*) If glue requirements are more strict, follow these ones too.

Installation Guide
WOOD FLOORING

PREPARATION



UNDERLAY

SUBFLOOR GUIDANCE

UNDERCUTTING DOORFRAME

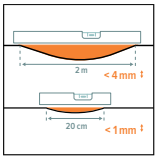
GLUE

- Acclimatize the unopened boxes on a flat surface in the area of installation or one with equivalent conditions, see conditions table
- If region specific climate conditions are outside this 30-85% range, we strongly advise to stabilize the environment within the recommended range.
- An installed panel/floor is considered as an accepted panel/floor; installation implies acceptance! Ensure that the materials codes and appearance match the selected/ordered floor and always check the product for:
  - damage or defect;
  - appearance in optimal light conditions (e.g. colours, gloss variation).
- Keep at least:
  - one box-label;
  - your purchase receipt;
  - photo of all codes on the underside of 1 panel.
- We highly recommend to keep some spare panels for replacements in case of damage to the floor during its lifetime.
- All works that have influences on the RH% in the room (e.g. plasterworks) should be completed and dried out beforehand.
- The type of subfloor, its quality and its preparation significantly affect the final result.
- For detailed subfloor guidance: click/scan the Subfloor guidance QR-code.
- Remove existing and/or too soft floor covering:
  - Floating installation: Remove any damp-porous floor covering (carpet, needle felt, etc.); impervious floor covering (non-foamed/non-cushioned vinyl, linoleum, etc.) does not have to be removed.
  - Glued installation: Remove all existing floor covering.
- The subfloor must be solid, self-supporting, stable, structurally sound, flat, clean and permanently dry, as well as being free from irregularities or defects and fit for the purpose intended.
- Moisture content of the subfloor (if the subfloor moisture content exceeds the recommended levels, consult subfloor material manufacturers for suitable damp proofing and preparation):

SUBFLOOR	UNHEATED	HEATED*
Cement	< 2.5CM% - 75% RH	< 1.5CM% - 65% RH
Anhydrite (Calcium sulphate)	< 0.5CM% - 75% RH	< 0.3CM% - 65% RH
Wood based	< 10%MC (moisture content)	

*Start the floor heating at least two weeks before laying your Quick-Step floor, see Unilin floor heating instruction and floor heating instruction of the manufacturer.

- Flatness of the subfloor:



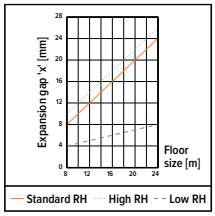
If irregularities exceed these limits, sand the surface and/or use a smoothing compound.

- Monitor and keep records of your measurements (e.g. subfloor moisture content, RH, room temperature readings,...).
- Floating: always use a Quick-Step underlay (including vapour barrier on mineral subfloor)! To choose the correct underlay: click/scan the Underlay QR-code.
- Required tools: ruler, pencil, hammer, saw, square, suitable dust mask, safety gloves and goggles, string/chalk line, tapping block, pull bar and spacers.
  Glue down installation: + B11 Quick-Step glue trowel.
- Undercutting doorframe: click/scan Undercutting doorframe QR code.

Installation Guide
WOOD FLOORING

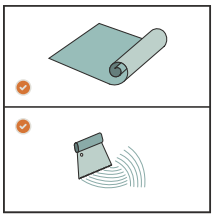
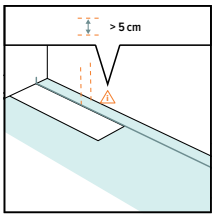
GENERAL INSTALLATION RULES

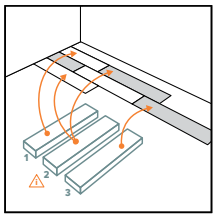
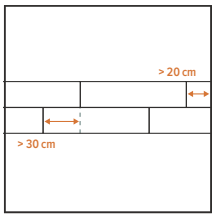
- The humidity and temperature will influence the properties of the material, see conditions table.
- Transfer the subfloor joints to the surface of the floorcovering when you have a risk of movement of the subfloor.
- Maintain the correct expansion gap:

TYPE OF INSTALLATION	INSTALLATION SIZE	EXPANSION GAP REQUIRED
Floating 	• HDF core products: max 20x20m • Wooden-core products: max 24x24m • Herringbone pattern: max 12x12m	1 mm/m floor width with a minimum of 8mm In regions with very low RH (e.g. Nordic countries), the clearance to the wall should be lowered to 5mm. In regions with high RH, the clearance should be certainly 10mm. Expansion gaps are mandatory on the entire perimeter of the floor, around all fixed and/or possible blocking objects, pipes, ... Intermediate T-profiles are mandatory when 1 or more of the following apply (respect the expansion gap on either side of the profile): • irregular shaped rooms (eg. L, U, T-shaped rooms); • there is floor heating/cooling and there are different heating temperatures zones; • maximum installation size is exceeded • in every doorway.
Glued	No limitations	Ensure a 5mm expansion gap around the perimeter of the room.

- The base of the doorframe must not create a fix point to the floor.
- Remove all spacers within 24 hours.

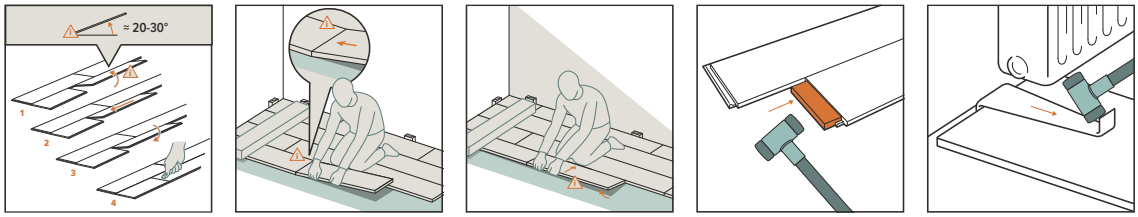
HOW TO INSTALL?

1. Choose the floor direction.
2. Floating installation: Install your Quick-Step underlay in the same direction as the length of the panels. Add additional underlay rows as you proceed with the installation of the panels. Tape adjacent pieces of the underlay to obtain sufficient DPM. You can find more information on how to install the Quick-Step underlay on the technical data sheet of the underlay or at your dealer. Glue down installation: We recommend using our Quick-Step parquet glue. In combination with our Quick-Step parquet glue, use the B11 Quick-Step glue trowel.
3. Check how many full rows of panels you will need by dividing the width of the room by the width of a panel.
4. Mark reference points on the wall where you'll be laying your first full row (row #2). The width of the first and last row should be at least 5 cm.
   Mark a reference line on the subfloor between the reference points on the wall.
5. Unpack your panels from multiple boxes and mix them up.
6. We recommend a random installation (not for pattern floors B, C and D).
7. The length of the first and last panel of a row should be more than 20 cm. Make sure to alternate your alignment so that end joints of panels in adjacent rows are never in line. There must be at least 30 cm between them.
8. Depending on the type of saw and blade, the top layer of the panel must be upwards or downwards to obtain a clean cut. (Test with a leftover piece to get the best cut finishing).

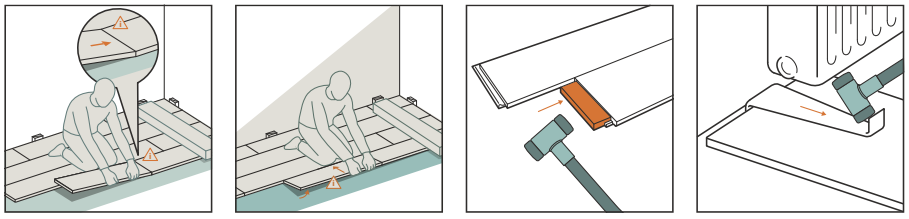
9. Click system:
Multifit Click system:



METHOD A METHOD B METHOD C PULLING IRON

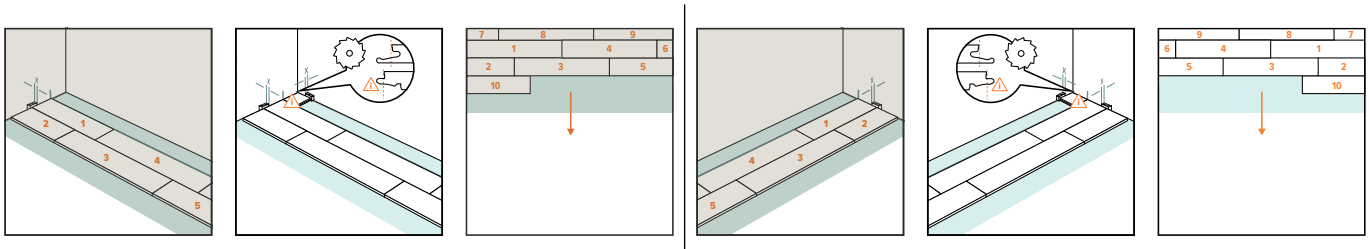
- **Method A:** The easiest way to connect Multifit panels is by a fold down movement. Lift the connecting panel up in an angle of 20-30 degrees, push it into the long side groove and slide it gently to the previous installed panel until the panel ends meet (don't collide/overlap panels). Push the panel firmly downwards to the floor, and the Multifit will lock the joint perfectly in the end. Always control each joint before continuing.
- **Method B** (angle-angle): Rotate the short side of the panel to be installed, into the short side of the already installed panel, by means of the angle principle. Then raise the newly installed panel to an angle of 20-30°. Place your both hands close to the joint as shown in the pictogram and pull the long side of the panel towards you. The panels will now click together. You can either insert the tongue into the groove, or the groove on to the tongue. The tongue into the groove method is the most common and easiest way.
- **Method C:** By using the Uniclic tapping block, you can gradually tap the panels into each other without lifting.
- In places where it is too difficult to install the Uniclic panels with the tapping block (e.g. last element in the row against the wall), you can tap them together using the pulling iron and a hammer.

Uniclic Click system:



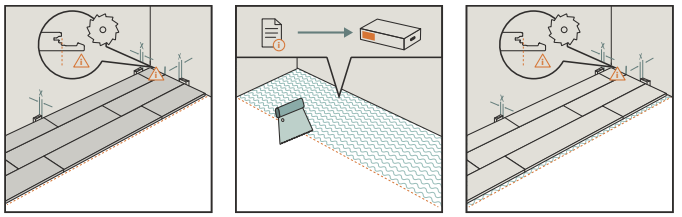
METHOD B METHOD C PULLING IRON

- **Method B** (angle-angle): Rotate the short side of the panel to be installed, into the short side of the already installed panel, by means of the angle principle. Then raise the newly installed panel to an angle of 20-30° by sliding the fingers of both hands under the raised length edge of the panel, close to the short end joint. Grip the panel and pull the panel towards you. The panels will now click together. You can either insert the tongue into the groove, or the groove into the tongue. The tongue into the groove method is the most common and easiest way.
  Tip: Lay some weight on top of the newly installed row to help prevent the entire row from unlocking while you continue installation.
- **Method C:** By using the Uniclic tapping block, you can gradually tap the panels into each other without lifting.
- In places where it is too difficult to install the Uniclic panels with the tapping block (e.g. last element in the row against the wall), you can tap them together using the pulling iron and a hammer.

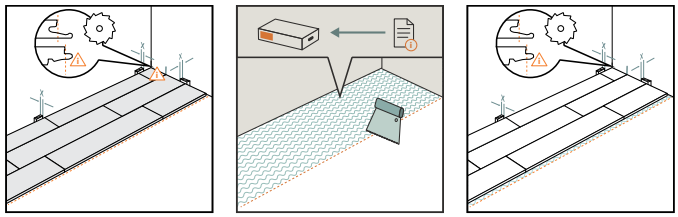


MULTIFIT CLICK SYSTEM UNICLIC CLICK SYSTEM

10. Install the first 2 rows (rows #2 and #3) away from the wall (as walls are hardly ever perfectly straight) and cut end pieces to required size.
    Align your rows to the reference points on the wall and the subfloor/underlay. Install panels one by one alternately in rows #2 and #3, so every panel has the short and long side locked before you install next one (don't lock only the short side).
11. When installing your row (row #1) against the wall, always saw off your click profile and be sure that you will cut the panel in order to follow the shape of the wall. Put spacers between the panels and the wall to ensure the correct expansion gaps.
12. Multifit Click system: Complete the rest of the installation by using method A and B.
    Uniclick Click system: Complete the rest of the installation by using method B.
13. Glue down installation:



MULTIFIT CLICK SYSTEM

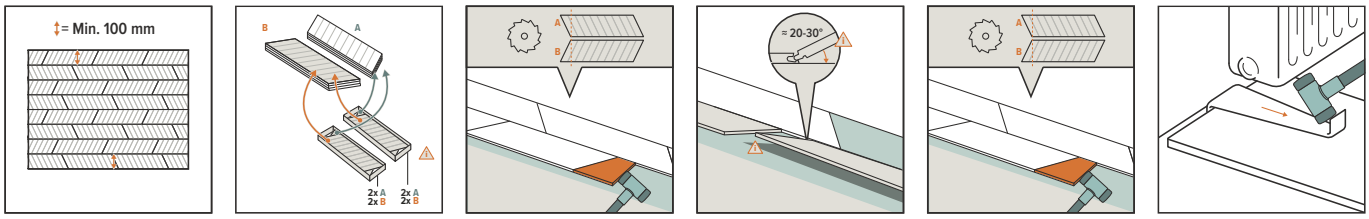


UNICLIC CLICK SYSTEM

- We recommend to install first at least 2 rows (row #2 and #3) without glue to align your wood flooring and to do your sawing works. Draw a line along the room side edge of the dry fitted rows on the subfloor.
  When installing your row #1 against the wall, always do the necessary cutting work in order to follow the shape of the wall.
- Remove the dry fitted panels and spread the glue each time for 2 rows, in order to respect the open time of the Quick-Step glue.
- Immediately place the wooden panels.
- When installing your row #1 against the wall, always do the necessary cutting work in order to follow the shape of the wall.
- Remove all glue residue immediately with a suitable cloth. Never use detergents.

EXTRA NOTIFICATION FOR PATTERN FLOORS:

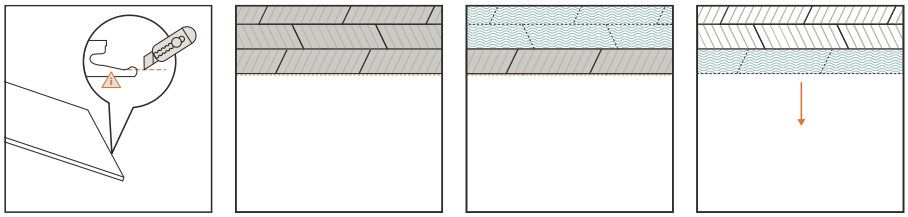
A. CHEVRON
Installing chevron is the same as the panel installation but with some exceptions as described below.



METHOD C

PULLING IRON

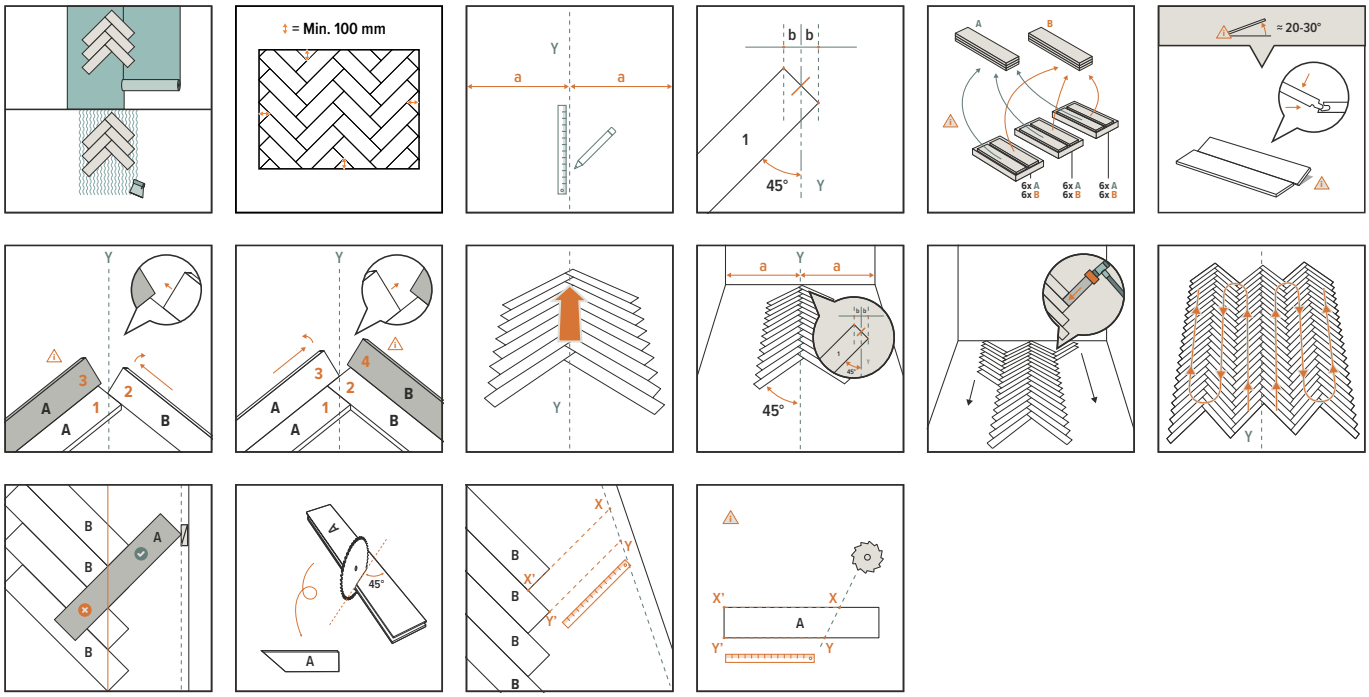
Glue down installation:



1. We recommend ensuring that the pieces are always wider than 100 mm.
2. Before start, mix the panels from different boxes sufficiently but keep "A" and "B" panels in separate stacks.
3. On the short side of the panel A and B, you saw off a part of the panel.
   Use these parts as tapping blocks to tap your panels together for further installation.

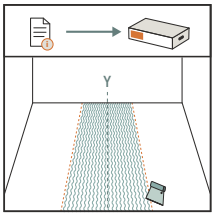
4. For this pattern, only method C is possible to install + pulling iron for difficult places.
5. Glue down installation:
   - Cut off the raised part of the groove on the short side of the panel.
   - Install 3 rows without glue.
   - Deinstall the first 2 rows.
   - Sit on row 3 (the one you didn't remove) and spread the adhesive for row 2. Then install row 2. Spread the adhesive per row. Continue this procedure for the rest of the installation. First glue row 2, followed by row 1. Then deinstall row 3, spread adhesive and glue it. For the rest of the installation you can install row by row.

B. HERRINGBONE

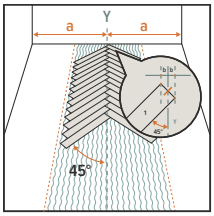


1. Choose the floor direction.
2. Floating installation: Install your Quick-Step underlay in the same direction as the length of the V-rows. Add additional underlay rows as you proceed with the installation of the panels. Tape adjacent pieces of the underlay to obtain sufficient DPM. You can find more information on how to install the Quick-Step underlay on the technical data sheet of the underlay or at your dealer.Glue down installation: We recommend using our Quick-Step parquet glue. In combination with our Quick-Step parquet glue, use the B11 Quick-Step glue trowel.
3. We recommend ensuring that all pieces of the floor are always bigger than 100 mm. If it is not possible to ensure this, you may use a D3 wood glue in the click connection to connect the smallest pieces to the installed wooden panels.
   Mark reference points on the wall and a reference line on the subfloor to center your floor = start line
4. Depending on the type of saw and blade, the top layer of the panel must be upwards or downwards to obtain a clean cut. (Test with a leftover piece to get the best cut finishing)
5. Before start, mix the panels from different boxes sufficiently but keep "A" and "B" panels in separate stacks.
6. The first part of the installation consists of assembling the center rows. You can do this by assembling the first 3 panels, labeled as "1", "2" and "3". Panel "3" is used as a helping hand to align panels "1" and "2'".
   Connect panels "1" and "3" (at a slight angle of 20 to 30° insert the longside panel 3 into the longside panel1), the short edge of panel "3"must be 5 mm beyond the short edge of panel "1". Now insert the longside tongue of panel "2" in the shortside groove of panel "1". Slide panel "2" until it is stopped by panel "3". Now fold down panel 2.
7. Now install panel "4", which is taking over the role of panel "3". Uplift panel 3 at an angle of 20 to 30° and slide it upwards until it touches panel "4". Follow this method until you finish the first, center V-row of your floor. Always work in the direction of the arrows in the pictograms.
8. Make sure that this V-row is aligned with the startline.

9. Glue down installation:



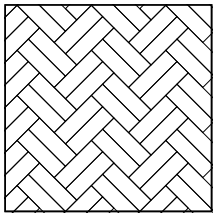
ONLY GLUE DOWN



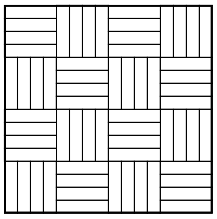
ONLY GLUE DOWN

- Construct your template (10 panels clicked together in a V-row) and place into position on your start line. Start at the bottom of the center V-row. Draw around the template once in the correct position. Lift or slide the template to the side, apply adhesive to the outline marked on the floor then carefully reposition your template ensuring it aligns with your start lines and the outline previously drawn. Carefully reposition your template into the spread adhesive.
- Continue the full center V-row.

10. Now you can continue to install the additional rows of full panels. To install the next row, always connect the long side of the new panel into the long side of the previous panel. While holding the new panel in an angle of 20 to 30°, slide this panel until its short end reaches the installed V row. Now you can drop down the panel, followed by tapping the panel on its short end until it locks into the installed V-row. Tapping must always be done with a suitable hammer in combination with a Quick-Step tapping block in the direction of the already installed V-row. Keep going like that.
11. For the finishing / side / end cut panels:
    - When the wall is parallel to the V-row: rotate your panel by 180°. Place the corner against the wall minus the distance of the spacer. You now can draw the cutting line and cut off the surplus. Turn back the panel 180° and install it. Repeat this with each individual panel.
    - When your wall is not parallel to the V-row, measure the lengths A-A' and B-B'. Transfer these measurements onto the panel you want to install.



C. DOUBLE HERRINGBONE: same installation instruction as for the Single Herringbone pattern but you need to put 2 panels next to each other.



D. MOSAIC PATTERN: Mosaic patterns with 4 connected panels. First connect the long side of 4 panels next to each other, creating your first square. Then connect panel by panel perpendicular to the first square by connecting and tapping. It is advised to work panel by panel to create the full Mosaic pattern.

FINISHING

STANDARD:
- Attach the skirtings to the wall (never to the floor).
- Do not fill expansion gaps (except with Foamstrip covered with Quick-Step Hydrokit).

WET AREAS:
- Use the Foamstrip and the Quick-Step Hydrokit at the entire perimeter, profiles, pipe cover, ...

For more information about the finishing and the use of the accessories: check the technical data sheet of the accessories, click/scan the Finishing accessories QR-code.

RE-USE / RECYCLING

CIRCULAR FLOORING

- In case of a floating installation, thanks to our click system your floor can be disassembled and reused elsewhere.
- Deliver installation waste or a disassembled floor to a recognized waste collection facility or recycling point as ‘nonhazardous treated wood’.
- For more information about our “RECOVER” program or packaging waste handling, click/scan the Circular flooring QR-code.
- The Quick-Step packaging is composed of multiple recyclable components. Please check your local or national regulations to optimize this waste sorting and handling.

Last but not least, enjoy your high-quality floor!