



## Ⓔ INSTALLATION INSTRUCTIONS

### ESSENTIAL CLICK V4



#### GENERAL

1. We recommend to order all panels for the same flooring project at the same time. Compatibility of panels in repeated orders cannot be guaranteed.
2. Make sure the panels are sufficiently mixed when you install them, so that you do not end up with too many identical, light or dark panels in the same area.
3. Check all panels in daylight before and during installation. Defective panels must never be used.
4. The floor should preferably be installed parallel to how the light enters the room.
5. Ensure that the end joints of the panels in 2 successive rows are never in line. Always ensure that the joints are staggered by at least 15cm (6 inches).
6. Ensure that the indoor climate conditions are always kept between 18-25°C.
7. It is also important to keep the subfloor in the above mentioned temperature range to counteract dimensional variations.
8. Floor heating can be used with Quick • Step® Livyn up to a maximum contact temperature of 27° C. Switch off your floor heating 24h before and after installation. For subfloor preparation see floor heating instructions below on page 7.

#### BEFORE YOU START

For a good result, you must follow all given instructions carefully.

##### Acclimatization and storing conditions

- Always handle, store and transport Quick • Step® Livyn carefully to prevent distortions. Store and transport cartons on a flat surface in neat stacks. Store cartons flat, never put them upright.
- Do not store Quick • Step® Livyn in moist or dusty rooms or places with extreme temperatures.
- Quick • Step® Livyn must be allowed to acclimatize in the room of installation. Planks must be stored between 18°C -25°C, for a period of at least 48 hours before installation. The temperature needs to be maintained prior to, during and for at least 24 hours after the installation is completed. Boxes should be acclimatized next to each other on a flat surface.

##### Subfloor

The type of subfloor, its quality and its preparation will have a big influence on the final installation result. If the subfloor does not seem appropriate for the installation of Quick • Step® Livyn, then the necessary actions should be taken. Be aware that unevenness in the subfloor may leave marks in Quick • Step® Livyn.

1. Make sure that the subfloor is flat, clean (including free from fat, grease, chemical substances....), sound, stable and dry. When needed, scrape off and clean up old adhesives.

2. Unevenness of the subfloor of more than 2 mm/2 m must be levelled with an appropriate levelling compound. Make certain if a primer or sealer is needed. In some cases the use of an underlay can avoid leveling of the subfloor.



MAKE SURE SUBFLOOR IS FLAT

3. Prior to installation, carefully remove all debris (including nails), sweep and vacuum. Repair major surface imperfections and large cracks. It is recommended to remove mouldings and install new ones after installation of the new floor.



REPAIR LARGE CRACKS

4. The moisture content of the subfloor must be less than 2.5% CM (cement screed) or less than 1.5% (anhydrite). Always measure, record and keep your test results.



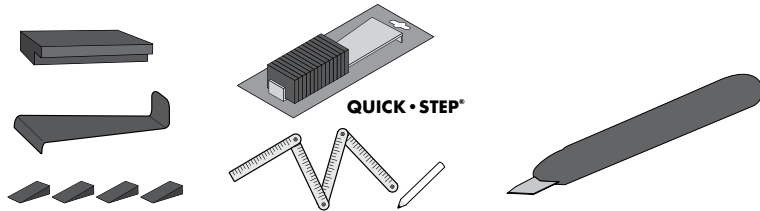
MOISTURE TEST

5. If you are not certain about the quality or suitability of your subfloor for installation of Quick • Step® Livyn then contact your dealer; he will be more than happy to help you.

## WHAT YOU WILL NEED

For a smooth installation, the following tools are needed in addition to the standard tools (such as a knife, pencil, tape measure):

- Utility knife
- Carpenter's square
- Wall spacers
- Tapping block



The use of accessories other than Quick-Step® accessories may cause damage to your Quick-Step® Livyn. In such case the guarantee provided by Quick Step will be void. For this reason we advise to use only Quick-Step® accessories, which have been specially designed and tested for use with Quick-Step® Livyn.

Quick-Step® Livyn can easily be cut with a cutter or utility knife with the décor side face up.

## INSTALLATION - FLOATING

The unique Uniclic tongue and groove can be installed in 2 different ways.

### Method A:

Position the panel to be installed at an angle of 20° to 30° to the panel already installed. Move the panel gently up and down and at the same time exert forward pressure. The panels will automatically click into place; You can either insert the tongue into the groove, or the groove on to the tongue. The tongue in groove method is the most common and easiest way.



## Method B:

With Uniclic you can also tap the panels into each other without lifting. For this method you must use the special Uniclic tapping block. The planks should not be joined with a single tap. To avoid damaging the panels you must tap them together gradually.



## Focus points

1. Thanks to the Uniclic system, the floor floats and is installed without glue. You can walk on the floor during and immediately after installation.
2. With Uniclic panels you can choose where you want to begin. Think about what will be the easiest way to install the floor. We will demonstrate the installation from left to right. You can work in the other direction if you want. It is recommended to ensure that the panels are symmetrical in the room, ie. same distance from both long walls.
3. Room temperature can vary according to the season, so it is vital that the floor is able to expand and contract. For this reason, make sure you leave an expansion joint of minimum 6 mm on all sides of the floor, around pipes, thresholds and under doors.



4. Large rooms must have intermediate expansion joints every 13 m as well in the length as in the width of the room. It is recommended to provide an expansion joint between different rooms (eg. Under the door). Expansion joints can be finished by means of a molding.

## THE UNDERLAY

It is recommended to use a leveling underlay to smooth unevenness in the base floor, according to DIN 18365-part C. The specially designed QuickStep Livyn underlayment has a damp-proof, noise-reducing and leveling function. If no underlay is used, skip the relevant actions below.

First install the underlay, per width and gradually as you progress. Cut the membrane to size against the wall. Remove the plastic foil from the Quick•Step® Livyn underlay over half the width of a panel. Put the panels of the first row on this underlay, ie. half on the underlay with plastic film removed and half on the double plastic film. Click the panels from the first row into each other on the short side. Make sure that the panels are perfectly in line with each other. Put spacer blocks to obtain a dilatation joint along the wall of 6mm.



REMOVE PLASTIC FOIL



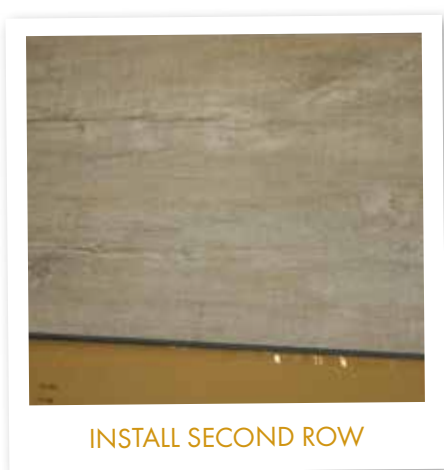
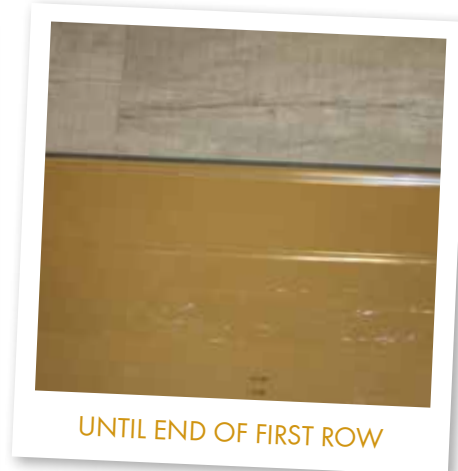
HALF THE WIDTH OF A PANEL



INSTALL FIRST ROW

Pull the plastic film from underneath the panels of the first row. Put the panels from each row now ON the plastic film and remove the plastic film gradually as you install the panels, by pulling the plastic film gently from underneath the panels of each row.

Start the second row with the remainder of the last panel of the first row. Then click in, lengthwise, the second complete panel of the second row in the previous one. Assemble the panels of the second row on the short side by means of the tapping block in order to keep the underlay in place. When installing the plank, it is strongly recommended to stagger the rows so that the short edge seams are not in a straight uniform line. However you may want to try other patterns of planks to suit your taste.



From now on it is possible to click in the panels as well in length as in the width. Click in the first plank of the row lengthwise. This is usually the remainder of the previous row(s). Angle the second panel of this row: Slightly lift this panel on the short connection and hold BOTH hands together along this connection. Pull the panel in the previous row lengthwise..



When the underlay becomes smaller than a panel width, install the next strap of underlay. Again remove the protective plastic film strip over about half the width of panel. It is recommended to tape the joint between both underlays by means of a thin transparent tape.

In places where it is too difficult to install the Uniclic planks with the tapping block (eg against the wall), you can tap them together using the crowbar and a hammer.



CROWBAR AND HAMMER

In rows where there is a pipe, make sure the pipe falls exactly in line with the short side of two panels. Click the panels together on the short side and cut a hole (with the same diameter as the pipe plus 20mm (3/4") for the expansion) centred on the joint between the two panels. Now you can install the panels in the floor.

Remove all spacers. Install the mouldings. Never attach the moulding to the floor. This method allows the floor to expand under the moulding.. In places where profiles or skirtings' cannot be placed, fill expansion gaps with caulking.

## FLOOR HEATING

Quick • Step® Livyn can be installed in conjunction with 'low temperature' floor heating. This is true for underfloor heating systems with heating components - hot water or electric - embedded in the floor. Heating films or other "new" systems CAN NOT be used. A combination of heating in winter and cooling in summer is also possible.

The floor heating must be installed in accordance with the supplier's instructions and the generally accepted instructions and rules. The base floor must be sufficiently DRY (maximum 1.5% CM method in case of cement screeds and 0.3% in case of anhydrite) when installing the floor covering. This will only be achieved by turning on the heating beforehand, as described below. In the case of a new building, you must wait at least 21 days between the installation of the screed and starting the heating. With newly-installed screed, follow the guidelines of your installer. A heating protocol should be presented; ask for it if necessary. The subfloor must comply and be prepared as described above.

Start the floor heating at least two weeks before laying your Quick • Step® Livyn. Raise the water temperature in the boiler gradually by no more than 5 °C per day up to 50 °C. If you can leave the heating on for longer, this would certainly be better.

Turn off the heating completely 24 hours before laying your floor.

**AFTER** laying the floor, you must wait **AT LEAST** 48 hours before restarting the heating, gradually (5 °C per day). The maximum permitted **contact temperature under** the Quick • Step® Livyn is 27 °C.

The maximum hot water temperature at the exit of the heating furnace is 45 °C.

**ALWAYS** change the temperature **GRADUALLY** at the start and end of a heating period.

Make sure that the climate conditions in the rooms is **ALWAYS** kept between 18-25 °C and 45-65% relative humidity.

- Always avoid heat accumulation by carpets or rugs, put on the floor, or by leaving insufficient space between furniture and the floor.
- Changing temperatures during different seasons can cause changing in dimensions.

## FLOOR COOLING

To avoid damage to the floor, the supply temperature of the cooling water must not be reduced below a certain temperature, the so-called dew point temperature. Lower temperatures will produce condensation and may damage the Quick • Step® Livyn

Thermostats in the room must never be set at a temperature which is 5 °C lower than the room temperature. So at a room temperature of 25 °C, the room thermostat must not be set lower than 20 °C.

The cooling circuit must have a control that prevents the temperature of the cooling liquid dropping below 18 to 22 °C. This depends on the climate zone where the floor is installed. In zones with a high relative humidity, the minimum is 22 °C; at average humidity and temperature levels, it can go as low as 18 °C.

If you do not respect these instructions, the warranty on the Quick • Step® Livyn floor is void.

## PRECAUTIONS

1. Quick • Step® Livyn has been designed for interior installations and only in temperature controlled environments. Quick • Step® Livyn cannot be installed in solarium, over carpets, or any exterior application including seasonal porches, camping trailers and boats.
2. It is recommended to avoid direct sunlight exposure as much as possible. Direct sunlight exposure may damage the floor as color changes might occur.
3. Quick • Step® Livyn can have a dimensional deviation. Visually perceiving joints is a characteristic of the product.
4. Flooring mats and furniture should be moved from time to time to avoid permanent color changes.
5. Quick • Step® Livyn is not intended for use on stairs or any vertical surface.
6. Provide furniture feet with appropriate feet protectors
7. Castor chairs must be provided with soft, free-turning, non-rubber wheels and/or office castor mats can be installed.
8. Do not allow pets with sharp nails to walk on the floor as these nails may cause deep scratches.
9. Make sure furniture legs have a large surface and are provided with non-staining floor protectors. The taller and/or wider the furniture feet are, the greater the repartition of weight will be on the floor and the less chance there is to damage the floor.
10. Prolonged contact with rubber can cause a permanent stain.
11. Do not allow cigarettes, matches or other very hot items to contact the floor as this may cause permanent damage.
12. Place non-rubber backed mats at outside entrances to prevent dirt, grit and soil from being tracked onto your floor. This will reduce damages, the maintenance requirement and extend the life of your floor.



## MAINTENANCE

### First cleaning after installation

First remove all dirt and dust from the flooring with a brush or vacuum cleaner. Then clean with water and a neutral appropriate cleaning agent, at least twice and until the water stays clean. We strongly recommend to use Quick • Step® CLEAN. Any other cleaning product may contain agents that damage resilient floor surfaces. The coating of the top-layer makes a specific treatment after installation unnecessary.



### Periodic cleaning and maintenance

Regular cleaning keeps your floor beautiful. Clean the floor frequently in function of its use. Always remove immediately grit, sharp objects, staining agents, moisture or aggressive substances from the flooring. Routine cleaning can easily be done by sweeping, vacuum cleaning or damp wiping. Never use aggressive cleaning agents, soap or abrasive cleaners or cleaners containing oil or waxes. We strongly recommend to use Quick • Step® Clean as other cleaning products may damage your flooring surface. Do not pour water over the floor or leave a puddle of water on the floor.

Remove stains as fast as possible. The longer spilled materials are left on the floor, the greater the risk of permanent staining. An efficient way to remove stubborn stains is to use ice till the material is brittle enough to crumble off. Afterwards, you can remove the residue with Quick • Step® Clean.

Persistent stains may be removed by means of concentrated Quick • Step® Clean or an appropriate PU cleaner.