



# Luvanto

Luxury Design Flooring



## LUVANTO CLICK PLUS HERRINGBONE FITTING GUIDELINES & WARRANTY

01.24.v1

### Latest Fitting Guidelines

Always refer back to [www.luvanto.com](http://www.luvanto.com) for the most current guidelines.  
You can use the QR code to take you directly to the latest version.



# Luvanto Click Plus Herringbone Fitting Guidelines

## General Information

Luvanto Click+ is an SPC based LVT with a 50% stone content. These specific instructions must be followed to ensure a satisfactory installation.

Luvanto Click+ should be installed in accordance with the requirements of BS 8203 The installation of resilient flooring, along with the instructions below.

Luvanto Click+ should not be installed in any exterior locations or in areas that are continuously wet.

Before installation, all the flooring must be checked to ensure that the boxes are all from an identical batch and free from defects. Complaints regarding clearly identifiable defects cannot be accepted once installation has started.

We recommend that all other trades are complete prior to starting any preparation and installation.

Luvanto Click+ is not suitable for areas of wheeled traffic (e.g.. wheelchairs, wheeled furniture, etc.) or for under very heavy furniture with castor wheels or legs (which will apply extreme point loads to the floor).

Please contact Luvanto for guidance if you're not sure.

## Expansion Gaps

An expansion gap of 5mm minimum should be left around the perimeter and any fitted furniture such as kitchen units and islands (depending on the temperature in the room).

For any installations larger than 80m<sup>2</sup> the expansion gaps must be increased. Please contact the Luvanto Technical team for specific advice on the installation before commencing floor fitting.

If the floor area exceeds 8m continuous run in either direction a minimum 10mm expansion joint must be inserted at an appropriate point in the floor and covered with a suitable cover strip. If the flooring is to run through multiple rooms, we recommend an expansion joint across doorways between each room.

For installation in any areas of exposure to high temperatures (e.g. areas of direct sunlight) please contact Luvanto for advice before commencing floor fitting.

We recommend concealing the expansion gaps using the colour matched Luvanto Finishing Strips or by running the flooring under the skirting boards. In this

case you must leave 1-2 mm gap between the floor and the bottom of the skirting board to allow the flooring to move freely underneath.

**DO NOT** seal the expansion gap or skirting boards with silicone or any other gap filling products.

## Acclimatisation of Material

Luvanto Click+ flooring must be acclimatised for 48 hours prior to installation. We recommend you remove the packaging and stack the product flat in the room you're installing in. Ensure the material is stored securely and kept clean during acclimatisation. The room must be warm, dry and well-ventilated.

The room temperature should be maintained between 18 and 21°C. If the materials have been stored at cooler than the recommended temperature, the acclimatisation period should be increased to 72 hours.

The subfloor temperature should be no lower than 10°C during acclimatisation.

## Subfloor Preparation

The correct subfloor preparation is key to getting the best overall appearance of the finished floor.

The subfloor should be free from any irregularities, hard, smooth, clean, dry and free from defects. Should this not be achieved, the floor will break down over time and runs the risk of failure.

The subfloor level should be within tolerance of the national standard of 3mm height variation over 2m distance in any direction, as stated in BS8203.

The subfloor should be treated appropriately prior to install. If it is within tolerance and meets the correct standard, Luvanto Click+ can be installed directly to the subfloor.

Should the flooring be installed without defects being corrected, no responsibility can be accepted for subsequent damage or failure of the flooring.

## Moisture In Subfloors

The moisture content of the base subfloor (e.g. concrete) must be measured according to the relevant standard:

- Where the Hygrometer test is specified the moisture content of the subfloor must be less than 75% RH.
- Where the Calcium Carbide test is specified, contact the smoothing compound manufacturer.
- Where the Calcium Chloride test is specified, contact the smoothing compound manufacturer.

For any subfloor showing a moisture value above these limits, a suitable damp-proof membrane / moisture

suppression system must be used. If in doubt, contact your smoothing compound manufacturer.

### **Concrete / Sand Cement Screeds**

We recommend you comply with the requirements of BS8204 specific standard. Should you need guidance on this, contact the smoothing compound manufacturer.

### **New & Old Concrete Flooring**

Concrete subfloors, regardless of age, should have all contamination removed (e.g. laitance, paint, plaster, old adhesives, etc.)

If the concrete subfloor has cracks, we recommend speaking with your subfloor manufacturer for best practice on repairing these prior to installation of the flooring.

Should the moisture level be above 75% RH apply the correct moisture suppressant prior to applying any primer and smoothing compound. Thickness can be found on the data sheets of the chosen system used. Contact the smoothing compound manufacturer for further assistance.

### **Power Floated Concrete**

Power floated floors require abrasion to remove surface laitance due to how hard this sets. Diamond segment grinding machines, such as the Wolf Neo 230, or shot blasting can be used.

Where moisture values exceed the above limits, these surfaces must still be abraded before the application of a surface damp proof membrane. The floor should then be primed, and a compatible levelling compound applied. Please refer to your subfloor manufacturer for guidance if required.

### **'Anhydrite' (Calcium Sulphate-Gypsum)**

Anhydrite screeds can be difficult to identify and can be easily mistaken for more traditional products. Please refer to a subfloor manufacturer for testing and guidance.

### **Asphalt**

Asphalt should be inspected, and cracks repaired. A DPM may be required. Please seek advice from your subfloor manufacturer.

### **Painted Floors**

Mechanically remove all paint back to the original substrate. Treat the subfloor accordingly in line with our instructions and the chosen subfloor manufacturer.

### **Standard & Undulating Timber Floors**

These should be levelled by using tools such as sanders and planers prior to patch filling.

All flooring should be fixed down correctly and where the floor is damaged it should be replaced. Once repairs are complete, flooring grade plywood should be installed. The minimum requirement is 5.5mm Class 3 exterior plywood. These details can be found

in BS8203 along with advice on the correct fixings and spacings. The correct primer should be used along with a fibre reinforced smoothing compound to a minimum of 3mm.

All Chipboard / Particleboard / Weyroc / MDF / OSB flooring should be overlaid with flooring grade plywood and fixed with the correct fixings as stated in BS8203.

All plywood joints should be staggered, and feather finished or a fibre reinforced smoothing compound applied.

Any type of Wood Mosaic Panel, Woodblock, Wood strip, Laminate and Click joint flooring products, along with any underlays, must be removed prior to work commencing.

The subfloor should be treated appropriately.

### **Metal Floors**

For further information on this process please contact your subfloor manufacture to have a specification written.

### **All Other Subfloor Types**

For any subfloor containing magnesite, lignite or granwood please contact your subfloor manufacturer.

### **Asbestos in Flooring & Walls**

Subfloors and walls in some older buildings may contain asbestos. Please seek professional advice from asbestos specialists and your chosen manufacture for subfloor preparation.

### **Areas of Extreme Temperature**

Luvanto Click+ has a maximum operating temperature of 27°C and therefore should not be installed in areas of extreme temperature.

These areas include (but are not limited to) sunrooms, conservatories, orangeries, areas in front of large south facing windows, large patio doors and unheated rooms.

Luvanto Click+ may be used in other areas of limited direct sunlight although precautionary measures must be taken, such as using blinds at large windows and Velux type windows/rooftlights to reduce sunlight exposure.

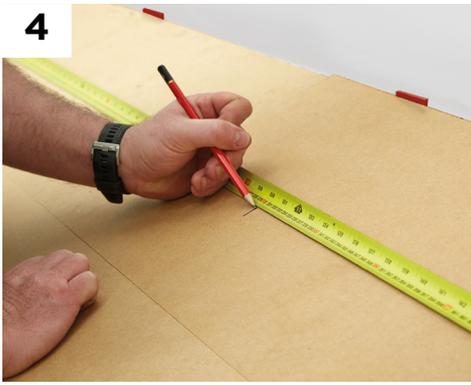
Long exposure to sunlight may cause the product to fail and/or discolour over time.

### **Underfloor Heating / Radiant Heated Floors**

Luvanto Click+ flooring may be installed over underfloor heating systems, but these must be constructed and programmed so that the temperature at the underlay interface does not exceed 27°C.

The underfloor heating must be commissioned before installation starts. Please refer to BS8203 for methods of commissioning. Should you need guidance please

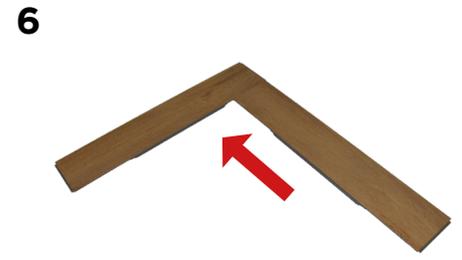




Measure from wall to wall and ensure that you start installing in a logical place to minimise any cut planks to the perimeter of the installation. Mark a "starting line" on the floor with your pencil. Ensure that you include the 5mm expansion gap when measuring.



Once you have found the centre point in the area of installation, place your product together in the direction preferred.



Ensure you work from side to side engaging the planks in each direction of the pattern, completing your cuts as you work through your flooring



To engage the system correctly click the long sides of the planks together first at an angle then gently slide the planks into position so the short sides are locked into place. You may wish to use a rubber mallet and tapping block to assist with this.



**Please Note:** the subfloor level must be in tolerance for the system to work correctly. See 'Subfloor Preparation'



To cut the product use sharp knife like the one shown in this diagram. You can use a plank as a ruler / guide to cut along. Keep your off cuts as they may become useful for finishing around the perimeter.



Periodically check your flooring has been engaged correctly. It should look seamless as above.



Should your floor look like the example above, the system has not engaged correctly due to either the plank not being locked together perfectly or the subfloor being out of tolerance, not necessarily at the point detected in the visible joint. You may need to backtrack over the install to detect the error.



Give your flooring a good clean down and it can be walked on straight away. Using a professional cleaning kit like the Luvanto Luxury Cleaning Kit (see [www.luvanto.com](http://www.luvanto.com) for more information) is the best option to ensure you can enjoy your new flooring for years to come.

## Aftercare

You should care for your flooring with the approved Luvanto Floor Care Kit to maintain the great appearance of the floor. Below is a basic outline on the 'how to' maintain on completion.

- **Luvanto Revive** - For the initial protection and refreshment of your floor we recommend removal of old care products, wax and adhesive residues with Luvanto Strip and then giving the floor a new care treatment with Luvanto Revive.
- **Luvanto Clean** - For daily cleaning and care of LVT floors. It creates a matt, anti-slip protective finish.
- **Luvanto Strip** - A powerful basic cleaner for the removal of old care products, wax and adhesive residues from LVT floors.

If you require further information on commercial aftercare, please contact Luvanto Technical.

# WARRANTY

## **25 Years Domestic/10 Years Commercial Product Warranty for Luvanto Click Plus Herringbone Luxury Design Flooring**

QA Flooring Solutions Ltd (hereinafter referred to as 'the Company'), hereby guarantees that in the event of the Luvanto Click Plus Herringbone Luxury Design Flooring supplied under this agreement requiring replacement due to 'manufacturing defect' or 'wear out' from normal foot traffic within 25/10 years from date of purchase, the floor will be replaced subject to the conditions below and the Claims Procedure being followed correctly.

'Wear out' is defined as a complete removal of the pattern and/or colour of the Luvanto Click Plus Herringbone flooring from normal traffic and regular maintenance.

'Manufacturing defect' is defined as failure of the surface of the Luvanto Click Plus Herringbone flooring or failure of the locking system (causing the Vinyl Planks/Tiles to lift away from the floor and/or move apart).

Any other claim in respect of alleged manufacturing defects must be notified to the Company in writing within 3 months of the product being supplied otherwise any such claim will be treated as having been waived.

### **Claims Procedure**

In the unlikely event of any complaint under this warranty, please write or email us straight away at

QA Flooring Solutions Ltd  
2 Hurricane Drive Liverpool  
L24 8RL  
T: 0151 427 6000  
sales@luvanto.com

Please quote your details, the nature of the problem and include a copy of your Invoice.

A member of the Luvanto team will contact you to assess the problem in more detail and set out a course of action, either to correct the problem or arrange to inspect the Flooring in situation if necessary.

If, following inspection and validation that your floor has been installed and maintained as specified, it is shown that part or the entire floor is faulty, the Company will provide a replacement of the same or similar material up to the equivalent of the residual value of the Warranty.

This warranty covers replacement of the material only.

### **Warranty Subject to the Following Conditions:**

- That the Claims Procedure and the course of action set out by QA have been followed correctly

and a valid proof of purchase has been presented to QA.

- That the Luvanto Click Plus Herringbone flooring has been installed fully in accordance with the Luvanto Click Plus Herringbone Fitting Guidelines and important notes.
- That the appropriate expansion gap, as stated in the Luvanto Click Plus Herringbone Fitting Guidelines, has been left around the whole perimeter of the floor area.
- That the Luvanto Click Plus Herringbone flooring has been installed directly over the subfloor and no separate underlay has been used.
- That the Luvanto Click Plus Herringbone flooring has not been glued or taped to the underlay or subfloor in any area.
- That the Luvanto Click Plus Herringbone flooring has been regularly maintained, fully in accordance with the maintenance instructions.
- That precautions have been taken to prevent indentation and joint damage from heavy point loading (e.g. furniture), damage by moving castor wheel furniture over the floor and surface scratching caused by dragging heavy or sharp items across the floor.
- That the Luvanto Click Plus Herringbone flooring has been regularly cleaned and maintained, using only the Luvanto Floor Care Kit and other approved cleaning appliances.
- For each successive year after installation, the contribution towards replacement of the Luvanto Click Plus Herringbone flooring is limited to the proportion of the time left on the Warranty. (For example, after 10 years, 60% of the value would be replaced free of charge for a domestic installation)

### **Warranty Exclusions**

- Damage caused to the Luvanto Click Plus Herringbone flooring by stains and spillages, burns, scratches, indentations, floods, and any other accidents. This includes damage from asphalt, battery acid, bleach or similar corrosives.
- Improper care due to the use of non-approved maintenance products and appliances.
- Surface scratching and scuffing due to not regularly removing dirt and grit from the floor.
- Any reduction in surface shine due to normal wear and tear.
- Minor scratching and superficial scuffing marks from general foot traffic.
- Damage caused by sharp and/or heavy objects being dropped onto, or dragged across, the Luvanto Click Plus Herringbone flooring.
- Damage caused by fixing items permanently onto, or through, the Luvanto Click Plus Herringbone flooring.
- Variation of colour/shading between the final installed Luvanto Click Plus Herringbone flooring and any samples distributed prior to selection and installation of the Luvanto Click Plus Herringbone flooring.

- Variation of colour/shading caused by mixing different batches together in the same installation.
- Colour fading due to long exposure to direct sunlight.
- Defects with the Luvanto Click Plus Herringbone flooring caused by allowing insufficient time for acclimatization to the area of installation.
- Damage caused by excessive damp, alkaline substances or fluid pressure from the subfloor over which the floor is laid.
- Defects with the Luvanto Click Plus Herringbone flooring caused by improper installation, including the use of any adhesives and any inappropriate tools.
- Damage caused by not repairing subfloor imperfections and ensuring subfloor is in good condition before installation.
- Defects with the Luvanto Click Plus Herringbone flooring due to installing over any separate underlay.
- Defects with the Luvanto Click Plus Herringbone flooring due to failure to allow a sufficient expansion gap around the perimeter of the room, or any in filling of the expansion gap after installation.
- Installation of the Luvanto Click Plus Herringbone flooring in any outside/external location.
- Defects with the Luvanto Click Plus Herringbone flooring caused by installation in a non-recommended area without the prior assessment and written consent of QA Flooring Solutions Ltd.
- Damage caused to the Luvanto Click Plus Herringbone flooring by switching on, and heating up to full temperature, any underfloor heating system before sufficient time has elapsed after installation as stipulated in the Fitting Guidelines.
- Damage caused to the Luvanto Click Plus Herringbone flooring by the floor temperature exceeding 27°C (whether an underfloor heating system is used or not).
- Any cost incurred due to failure to follow the Claims Procedure above and any course of action set out by QA.
- Any re-installation labour costs or subfloor preparation costs.

### **Important Information**

This warranty is the only warranty given to the user by the Company and does not guarantee the Luvanto Click Plus Herringbone flooring supplied to be fit for particular purpose or use. It is responsibility of the user or installer to satisfy themselves that the product is suitable.

This warranty is non transferable. It will terminate if the property changes legal ownership and/or if the Flooring is uplifted or moved.

This warranty does not affect your statutory rights.



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Luxury Design Flooring

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