

1. Inspect ALL materials carefully BEFORE installation . Warranties DO NOT cover materials with visible defects once they are installed . No return / replacement on any material with visible defects once they are installed .
2. Carefully read the enclosed installation instructions before installation . The warranty will be void if these instructions are not properly followed . For installation questions , please contact the dealer where material was purchased .
3. SAMPLE DISCLAIMER : Although we design our samples to be the closest representation of the actual finished product , the finished floor may contain more or less variation in color , shading , grain , knots and distressing that may not be evident in a small sample . Keep in mind different lighting and room colors may also affect the appearance of product's natural variation of color and grain .

Store Flooring in a Dry area . Relative Humidity between 35-55%

# LUXUSflor

## Installation & Maintenance Guide

Read this guide before starting installation

LUXUSflor Engineered Stone Plastic Composite (eSPC) / Stone Plastic Composite (SPC) / Wood Plastic Composite (WPC) is a waterproof floating floor but should not be used to seal an existing floor from moisture. It cannot inhibit the growth of mold or prevent structural problems associated with or caused by flooding, excessive moisture, alkalis in the subfloor, or conditions arising from hydrostatic pressure. Regardless of location, always remove standing water, urine, and other liquids promptly. Moisture issues should be addressed and corrected at the job site prior to installation. PRE - LAY CHECK It is the installer's responsibility to verify the product is the correct product, color, pattern and quantity. Check each board for visual defects before installation. LUXUSflor cannot accept responsibility for flooring installed with visible defects. Color variations are to be expected. For best visual effect, shuffle planks from several cartons during installation.

### IMPORTANT INFORMATION

- The flooring must be acclimated a minimum of 24 to 48 hours prior to installation in the room where the installation will take place.
- The distance to walls and other permanent pieces of construction elements (such as pillars and kitchen islands) should be approximately 8mm.
- Never install very heavy pieces of furniture such as kitchen islands/cabinets on top of the flooring.
- Never fasten the floor with nail, screws, silicone etc.
- The indoor climate should have a temperature between 15-23 °C and relative air humidity between 30-60%

### SITE CONDITIONS

LUXUSflor eSPC / SPC / WPC is more dimensionally stable than typical wood or vinyl based flooring products. For best results, it is recommended to maintain an optimum material temperature range for installation between 15-23 °C and relative air humidity between 30-60%. Extreme hot or cold conditions may cause the material to become rigid, resulting in installation difficulty or damage to the locking system. The flooring must be acclimated a minimum of 24 to 48 hours prior to installation in the room where the installation will take place. Improper acclimation can cause the floor to buckle and / or the boards to shrink or cup after installation. Installing a moisture barrier may prevent the floor getting wet in the future. LUXUSflor is not responsible for site related moisture issues. For additional protection, you may want to consider applying a moisture barrier compound system. SUBFLOOR PREPARATION Prior to installation of any flooring installer must ensure that the jobsite and subfloor meet the requirements of this instruction. As a floating floor, the floor can be installed over most existing floor coverings provided the floor is firmly attached to the structural floors and must be sound and sturdy. Moisture issues should be addressed and corrected at the job site prior to installation.

The subfloor should be flat within a 1 meter radius. The substrate should not slope more than 3mm per 1 meter in any direction. LUXUSflor recommends testing concrete substrates for relative humidity, moisture and pH before installing LUXUSflor eSPC / SPC / WPC. Test results should not exceed 85 % relative humidity ( RH ). The Calcium Chloride Test for moisture should be no more than 8 lbs per 100 SQM in 24 hours MVER ( Moisture Vapor Emission Rating ) and pH tests for alkalinity levels should register between 7 and 9. LUXUSflor recommends a 0.15mm poly film when installing over concrete subfloors. LUXUSflor recommends checking wood substrates for moisture. Obvious signs of moisture issues include warping, peaking, degradation of the integrity of the substrate, rusted fasteners, and rusted floor registers. Even if obvious signs are not present, the material should be tested using an invasive moisture meter and moisture levels should not exceed 14 %. Radiant heating systems must be cast 13mm below the surface of the concrete slab, and should be operating at least 2 weeks before installing LUXUSflor eSPC / SPC / WPC. Set the temperature of the radiant heating system to 27 °C 48 hours before, during , and 72 hours after installation. The temperature of the radiant heat floor may be increased gradually 72 hours after installation, but the surface temperature should never exceed 27 °C. Contact the manufacturer of your radiant heating system for further recommendations.

### INSTALLATION PROCEDURES

Installation exceeding 20 meters in each direction requires expansion trims. An expansion gap of no less than 8mm is required. Do NOT adhere any tape to the face of the floor as it will damage the finish. No claims will be processed for tape damage.

1) Plan the direction of the area to be installed to maximize the visual appearance once installed. The direction of the plank grain should be confirmed and the installation should be balanced from the center of the area.

2) Clean and smoothen the subfloor, remove any grease ; recommend install the poly film on the subfloor.

3) To measure the height of the doorframe, place a plank against the doorframe, with the decor side down ; mark the height and saw height marked. The plank can then easily be pushed underneath the doorframe.

4) Start from the top left corner of the room by putting the first plank in place so both the head and side grooves are exposed. Planks should be installed from left to right. To assist in laying the first row straight, using masking tape across each short end locking system is recommended. Continue this for the first two rows and remove after completion of installation.

5) Install the second piece in the first row by laying the short - end tongue onto the previously installed piece short end groove. Lock the pieces together by firmly pressing down with your thumb along the seam to lock the planks together. This will engage the 5G locking tab into the piece you just placed. You will hear and feel the pieces lock together as the locking tab engages in the joint. Use a soft rubber mallet to vertically engage the joint.

6) Continue this manner for the rest of the first row. Make sure there is a 8mm space between the first row and the walls.

7) Cut the piece at least 400mm shorter so the short end is enough apart from the end of the first row. Install the first piece in the second row by inserting the long side tongue into the groove of the piece in the first row at a low angle into the installed piece. Then firmly lower the plank while maintaining a slight pressure towards the installed piece. The pieces should fit snugly together and lay flat. Finish the remainder of the second row.

8) It is critical to keep the first two rows straight and square since they are the foundation for the rest of the installation. Check often for straightness while installing the floor as failure to do so can result in gapping.

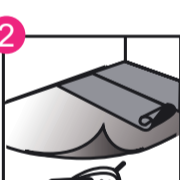
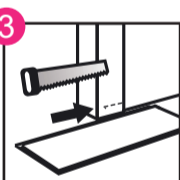
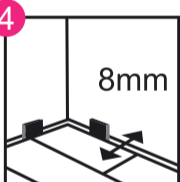
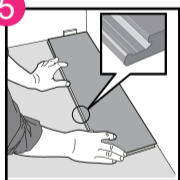
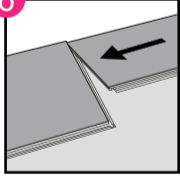
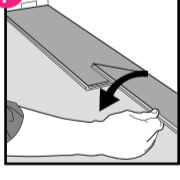
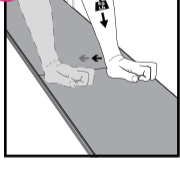
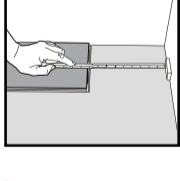
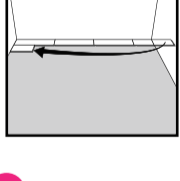
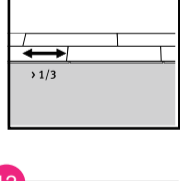
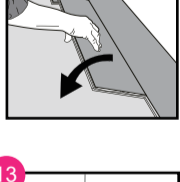
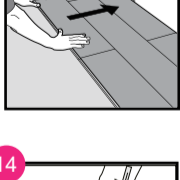
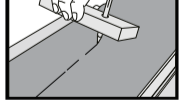
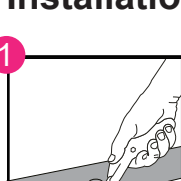
9) Continue installing. Make sure to maintain a random pattern repeat. Maintain a 8mm expansion gap at all fixed vertical surfaces.

10) Check to be certain all planks are fully locked. If slight gapping is noticed, or pieces will not lie flat, simply disengage the long side joint and carefully slide the short end joint apart. Do not pull up on this joint as it will damage the locking mechanism! Reinstall the piece.

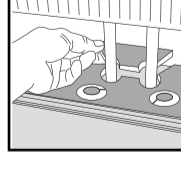
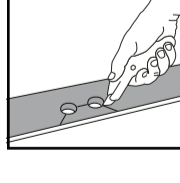
11) Install wall and door moldings last. Be sure that all moldings are fastened directly to the wall or subfloor. Do place any fasteners through the floating eSPC / SPC / WPC flooring.

Note : The 5G drop lock joints cannot be " lifted " or angled apart when removing or reposition a plank. To remove a plank, first disengage the long joint by lifting at a slight angle while pulling the complete rows away from each other. Then simply the drop joint apart along the floor. Failure to slide this joint will damage the drop lock mechanism and prevent proper re-installation of the affected plank.

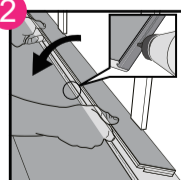
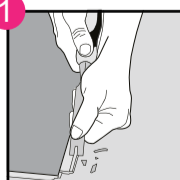
## GENERAL INSTALLATION INSTRUCTIONS

- **Make sure the subfloor is level.**  
Any unevenness greater than 3 mm over the length of 2 meter must be smoothed out.
- **Subfloor & Surface**  
Clean and smoothen the subfloor, remove any grease ; recommend install the poly film on the subfloor ; check the planks for any damage.
- **Height of the doorframe**  
To measure the height of the doorframe, place a plank against the doorframe, with the decor side down ; mark the height and saw height marked. The plank can then easily be pushed underneath the doorframe.
- **Expansion joint**  
leave an expansion joint of 8 mm on all sides by using expansion blocks.
- **First plank, first row**  
Place a spacer with predicted thickness to the left and position the panel against the wall.  
Later, after 3 rows, you can easily position the flooring against the front wall with predicted spacers.
- **Second plank, first row**  
Place this panel gently close to the short end of the first one.
-   
When folding down it is important to start from the corner closest to the previous row, folding down towards the center, and continue towards the opposite long side. During the fold down, make sure the panels are close to each other.
-   
Afterwards press slightly along the short end just installed.
-   
At the end of the first row, put a spacer to the wall and measure the length of the last plank to fit.
- **Second row**  
First plank min. length 400mm. Put a spacer against the left wall.
-   
Staggered joint distance i.e. minimum distance between short ends of panels in parallel rows shall not be less than the given length.
- **Second plank second row**  
Plank the panel gently and close to the short end of the previous panel and fold it down in a single action movement.
- **After 2-3 rows**  
Adjust the distance to the front wall by placing spacers.
- **Last row (and perhaps also first row).**  
Minimum width 50mm. Place a spacer to the wall before marking the panel a simple drawing tool. Place a piece of wood with a hole) and make the panel along the wall. Cut the panels lengthwise including the flexible tongues.

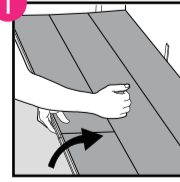

### Installation around radiator / heating pipes

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- Drill holes two times larger than the diameter of the pipes. Remove a piece of the panel with a utility knife. Put the panel on one side of the pipes and the removed piece on the other side.

### When angling is not possible

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- Remove the vertical locking part of the strip with a chisel, put applicable glue on the strip and push the planks horizontally together. Place some spacers between last board and the wall.

### Dismantling panels

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Separate the whole row by carefully lifting up and release the whole row.  
Fold up row and release the whole long side.
-   
Disassemble the panels by sliding the short ends horizontally.  
**Never fold up a panel, as this damage the profile.**

## GENERAL MAINTENANCE

**NEVER** use wax or oil based cleaning agents.  
All - purpose cleaners are not recommended as they can dull your floor's finish or leave a hazy residue.

Use furniture protectors to reduce indentation and walk - off mat at the entrance to reduce the amount of dirt brought into your home.

Do not use a mat that has a rubber or latex back as they may permanently stain your floor.

Do NOT adhere any tape to the face of the floor as it will damage the finish. LUXUSflor recommends Bona brand cleaning products which are widely regarded as the best cleaning solution for urethane finish flooring.

Sweep, vacuum or dust mop regularly.

Use walk off mats at entrance doors and in front of kitchen sinks.

Install proper felt protectors under chair and furniture legs to prevent scratching.

Close curtains or blinds to limit direct sun exposure.

