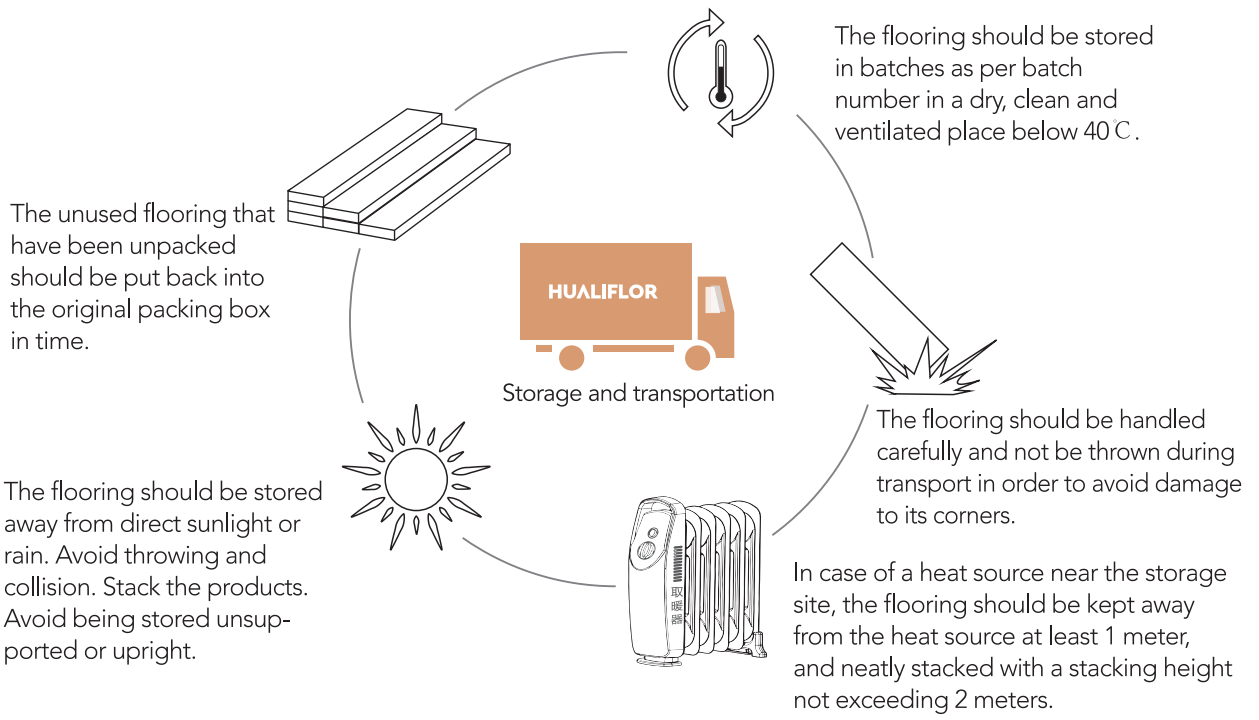


# LVT GLUE DOWN INSTALLATION INSTRUCTIONS

## Storage and Transportation



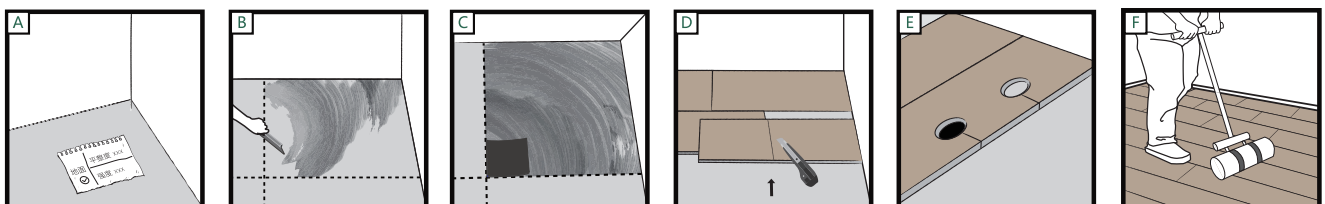
## Prior to Installation

Do not install if the ground / sub-floor temperature is lower than 10°C or higher than 35°C.

Room temperature $\geq 18^{\circ}\text{C}$	No cracking or hollowing shall occur on the ground. No substance affecting the cohesive strength shall occur. If the ground does not meet the requirements, appropriate treatment should be carried out.
Best ground temperature for installation $15^{\circ}\text{C} \leq T \leq 25^{\circ}\text{C}$	
Ground flatness: $2\text{m} \leq 2\text{mm}$	
Relative humidity $\leq 65\%$	
Moisture Content (MC): Reinforced concrete $\leq 3.5\%$ Cement mortar and fine aggregate concrete $\leq 2\%$ Underfloor heating $\leq 1.8\%$ measured by the Carbide Moisture test, not referring to absolute MC	
Concrete Tensile Adhesive Strength $\geq 1.0\text{Mpa}$	
Before installation, the flooring must be stored in the room where they are going to be laid for at least 24 hours.	
Pre-layout: In order to get the best visual effect, a pre-layout before actual installation is recommended. The pre-layout will visualize the sunlight and paving direction, and check the product color, quantity, SKU#, batch, locking, flatness, etc.	
Ceramic or marble sub-floor: filled the grouted joints with a cement-based floor patch or levelling compounds.	
Wooden sub-floor: the wood floor should be at least 1.2cm, no curve, no warp; the exposed nail head should be nailed into the wood.	
Concrete sub-floor: no sand, unevenness, or crack on the surface. If the concrete is wet, do not install until it's completely dry.	

## Installation

grinder, blender, spikes, foam roller, trowel, measure tape, utility knife, rubber mallet, floor roller, etc. Adhesives, self-leveling cement and sub-flooring primer, Which are for LVT flooring use only.



**A.** Check temperature, humidity, the flatness, strength and moisture content of subfloor before installation.

**B.** Measure the room before installation. Divide it into 4 sections by drawing 2 perpendicular lines across the floor. Apply the adhesive when you are ready to install the flooring, starting from any section. Use the suitable trowel at an angle of 80 degrees to spread the adhesive and evenly.

**C.** Followed the adhesive instructions, once the adhesive is dry,

start to place the floorings from the center point of the room, and gradually to the whole room. Use the rubber mallet slightly to slap the flooring to make sure it's firmly bounded to the floor. Repeat it until the installation is completed.

**D.** The last piece close to the wall. To fit edge flooring that needs to be cut, lay it exactly over the last full flooring; place another full flooring against the wall and mark the cutting line where the flooring overlap. Cut the flooring in position.

**E.** Pipe or irregular pillar. Just make a cardboard template as a guide and use this to draw an outline onto the flooring. Cut to shape and check that it fits.

**F.** Any installation imperfection should be fixed within an hour after the floorings are installed. Once the floorings have been installed, use a 70kg floor roller to ensure the floorings are firmly bonded to the floor. Rolling should take place during the working time of the adhesive.

## Care and Maintenance

Regular cleaning and maintenance will extend the service life of the flooring.

Checking if every piece of flooring is firmly bonded to the floor. Keep the flooring dry for at least 7 days after the installation.

Use doormats outside each entrance to your home to prevent dirt, sand, grit, and other substances from being tracked onto your flooring.

In order to avoid scratching on the surface, do not drag the objects, especially for those with the sharp metal at the bottom, when moving them across the flooring.

Protect the flooring from excessive direct sunlight to avoid discoloration and color fading.

Even though our LVT flooring is fire retardant (reach Class B1), it doesn't mean it won't be damaged by the flame, therefore do not put the burning cigarette

end, electrified iron and hot metal goods directly on the flooring in case any damage occurred.

Wash the flooring with a neutral detergent cleaner. Do not use the strong acid or alkali cleaning agent. Carry on a periodical cleaning can help to extend the service life and protect the appearance and gloss of the flooring, referring to "LVT Care and Maintenance" for more details.

Do not remove the dirty spot with steel wool or knife. If the stain can't be removed by normal detergent cleaner, contact an expert before the acetone, toluene or other chemicals are used.

Avoid excessive water standing on the flooring or flooring immersed in the water over time because the moisture will make flooring become mildew and rotted.

## Notices:

Install the floorings following the installation instructions of LVT.

The best room temperature and relative humidity during the storage and transportation is 20°C (not less than 15°C), RH 50~60%. If the actual condition differs from it, like RH<30% or >80%, and room temperature <10°C or >30°C, it may cause slight change in product size and installation gap.

The installation of LVT flooring should be strictly followed the instructions and rules from DIN 18365, DIN18560, DIN 1425, DIN 18202, EN1372, EN1373, EN1903, TKB-7, TKB-8, TKB-9, BEB, etc.