



The World's First 100% Waterproof Luxury Vinyl Plank

Now with 5Gi locking system that can save up to 30% installation time!

## **ATTENTION! PLEASE READ BEFORE INSTALLING!**

### **INSPECT FLOORING PRIOR TO INSTALLATION FOR BEST VISUAL REPRESENTATION**

**READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION. ALWAYS USE EYE PROTECTION WHEN CUTTING AQUATEC FLOORING™. DO NOT CUT FLOORING OVER YOUR WORK SPACE.**

**THIS FLOOR MAY BE INSTALLED ON ALL LEVELS OF THE HOME: ABOVE GRADE; ON GRADE; AND BELOW GRADE. NOT RECOMMENDED FOR INSTALLATION OVER THE FOLLOWING:**

**Carpet, heavily cushioned sheet vinyl.**

**Aquatec Flooring™** replicates the look of a natural wood floor which has variations in color, texture, and sheen. For best visual effect, **shuffle planks from several cartons and do not install similar planks next to one another.**

While **Aquatec Flooring™** is waterproof, it is not a moisture barrier. Moisture won't damage **Aquatec Flooring™**, but it can get in the walls and structure of the home and surrounding floors, which can cause expansion and contraction.

**Aquatec Flooring™** recommends leaving a ¼" expansion gap between the perimeter walls and any adjacent hardwood flooring. No acclimation is necessary for this product.

### **SUBFLOOR PREPARATION**

Subfloor must be clean, flat, dry, level and structurally sound. Adequately preparing the subfloor ensures the best possible installation. Subfloor must be flat- 3/16" in a 10' radius or 1/8" in a 6' radius for best installation results.

Responsibility for the suitability of **Aquatec Flooring™** and accompanying products for each individual installation cannot be assumed by **Aquatec Flooring™** since **Aquatec Flooring™** has no control over the installer's proper application. Should an individual plank be doubtful as to appearance or dimension the installer should not use this piece. **Aquatec Flooring™** will send a replacement in a timely fashion

### **PRE-INSTALLATION JOBSITE REQUIREMENTS**

**Aquatec Flooring™** cannot be held responsible for site conditions.

Carefully examine the flooring prior to installation for color, finish, sheen, and quality. If flooring is not acceptable, contact your supplier immediately and arrange for a replacement. **Aquatec Flooring™** cannot accept responsibility for flooring installed with visible defects. Prior to installation of any flooring, the installer must ensure that the jobsite and subfloor meet the requirements of these instructions. **Aquatec Flooring™** is not responsible for flooring failure resulting from unsatisfactory jobsite and/or subfloor conditions.

### **PRE-INSTALLATION SUBFLOOR REQUIREMENTS**

All Subfloors must be dry, structurally sound, thoroughly swept, and free of all debris. Floors should be flat to 3/16" per 10-foot radius. Wood subfloors must be dry and well secured. Nail or screw every 6" along joists to achieve maximum reinforcement. If not level, use a leveling patch applicable to subfloor type.

### **RECOMMENDED TOOLS FOR INSTALLATION**

Safety glasses, sharpened pencil, utility knife, tape measure, combination square, pull bar, rubber mallet, tapping block, ¼ inch spacers, power saw (Carbide-tipped blade) jigsaw.

### **SUBFLOORS COMPATIBLE WITH AQUATEC FLOORING™**

Concrete slab, Existing Wood or Laminate Floor, CDX Underlayment Grade, Plywood, Underlayment Grade Particleboard, OSB (at least ¾" thick), Sheet Vinyl, Resilient Tile, Ceramic Tile, Porcelain tile.

## INSTALLATION INSTRUCTION

1. Visually inspect subfloor to ensure floor meets all requirements in Pre-Installation Instructions. Example: Secure
  2. subfloor, level where needed, undercut all door jambs where needed, clean floor of all debris.  
Determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows. Work out of several open boxes and dry lay the floor before installing. This will allow you to select varying shades of flooring as desired.
  3. As with all plank products, install the planks parallel to the longest exterior wall.
  4. Begin laying planks from left side of the starting wall and work to the right side. The tongue of the plank should face starting wall.
  5. Place ¼” (6.35 mm) spacers between the short and long side of the planks and the wall. Always position one spacer between the wall and where the planks join.
  6. The end joints of the planks in the first row are assembled by overlapping the tongue side over the groove side of the previous plank ensuring that the planks are perfectly aligned, with firm pressure (manual or with rubber mallet; push or lightly tap the end joint downward until the end of the plank snaps into place. Install remaining full planks in the first row.
  7. The last plank in the first row may need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract ¼” (6.35 mm) from this measurement to allow for the spacer. If this measurement is less than 8” (20 cm), the length of the first plank in the row should be cut. The first and last plank in each row should be at least 8” (20 cm) in length. Planks should be cut using a minimum 40-tooth carbide-tipped blade on a power saw. The remaining piece cut off from the last plank in the first row may serve as the first plank in the second row provided it is at least 8” (20 cm) long. Always stagger end joints from row to row a minimum of 8” (20 cm) apart.
  8. Install the long side of the first plank of the second row. Place a ¼” (6.35 mm) spacer between the wall and the short side of the plank.
  9. Install the second plank of the second row. Position the long side of the plank with the tongue side fully engage into the receiver of the first row of product. Lower the plank to the floor ensuring that the end joint is overlapping and perfectly aligned, with firm pressure; push the end joint downward until the end of the plank snaps into place. (A rubber mallet can also be used to tap into place). Continue installing planks in the second row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation.
  10. Continue working from left to right, row by row. Be sure to maintain a ¼” (6.35 mm) space around all walks and vertical objects and maintain a random appearance. Remember to offset end joints a minimum of 8” (20 cm).
- NOTE: Remember that this 5Gi locking system is capable of being locked with manual force or with a rubber mallet. With either method, you should feel the tongue lock into the groove such that the seams align smoothly.
11. It is VERY important to keep the first two rows straight and square, as they are the “foundation” for the rest of the installation. Check to make sure planks are square and straight.
  12. Continue installing planks as noted above.
  13. Check all planks as you install to ensure they are fully engaged.
  14. Follow this process through completion of room until you reach the final row.
  15. Upon completion of flooring, cover all exposed edges by installing all door transitions and shoe/wall molding around perimeter. Make sure that no plank will be secured in any way to the sub floor.

## FINISHING THE INSTALLATION

- After all planks have been installed, remove spacers from perimeter of room.
- Do not fasten any moldings through the flooring.
- Install quarter-round or baseboard molding. Molding should be of sufficient size to cover the ¼” (6.35 mm) space and should be fastened to the wall, not to the flooring.

### In-floor Radiant Heat:

**Aquatec Flooring™** can be installed over radiant heat using the floating method.

- Turn the heat off for 24 hours before, during and 24 hours after installation when installing over radiant heated subfloors.
- Floor temperature must not exceed 80°F (27°C).
- Failure to use the proper manufacturer’s guidelines may result in failure and void the warranty.

**Warning: Electric heating mats that are not embedded into the subfloor are not recommended for use underneath Aquatec Flooring™. Installing Aquatec Flooring™ directly over electric heating mats could void the warranty for your floor in case of failure.**

**PROTECTION AND MAINTENANCE OF YOUR FLOOR: See website for warranty, protection, and maintenance instructions**

[www.aquatecflooring.com](http://www.aquatecflooring.com)

Contact us 1-800-313-3902

Thank you for choosing **Aquatec Flooring™ Inc.**

## VISUAL OF INSTALLATION INSTRUCTIONS- Välinge 5G-i system

LVT/SPC panels

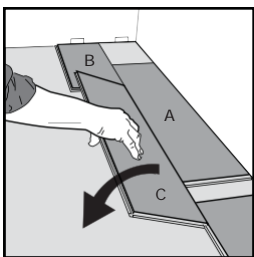


Fig 1.

First row.

Place a panel (A) as support for long side alignment of panel (B) and (C) while you install panel (B) and panel (C). After that the complete first row is installed, remove panel (A).

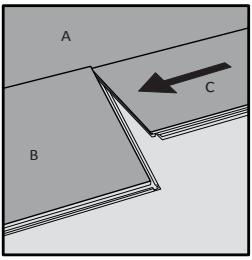


Fig 2.  
Second plank, first row.  
Place this plank (C) gently close to the short end of the first one (B).

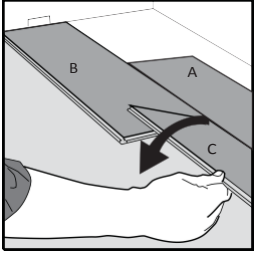


Fig 3.  
Fold it down with a single action movement.  
During the fold down, make sure the panels are close to each other.

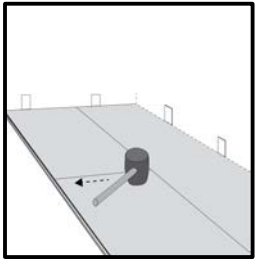


Fig 4.  
Afterwards press slightly or use a rubber hammer along the short end just installed.

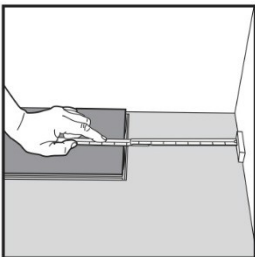


Fig 5.  
At the end of the first row, put a spacer to the wall and measure the length of the last plank to fit.

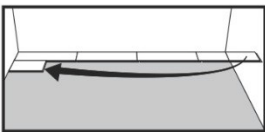


Fig 6.  
Second row  
First plank min length 500 mm. Put a spacer against the left wall.



Fig 7.  
Staggered joint distance i.e. minimum distance between short ends of planks in parallel rows shall not be less than the given length.

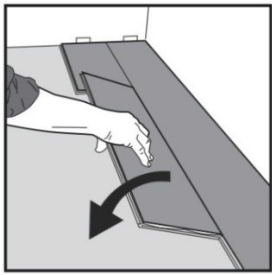


Fig 8.  
Second plank second row.  
Place the panel **gently and close** to the short end of the previous panel and fold it down in a single action movement.

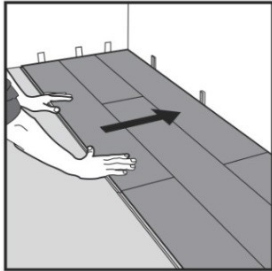


Fig 9.  
After 2-3 rows.  
Adjust the distance to the front wall by placing spacers.

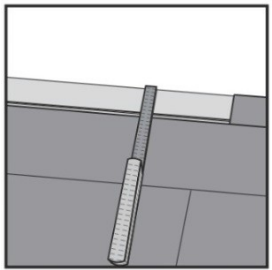


Fig 10.  
Last row (and perhaps also first row).  
Minimum width 50 mm.  
Place a spacer to the wall before measuring.  
Cut the panels lengthwise.

## Disassembling panels

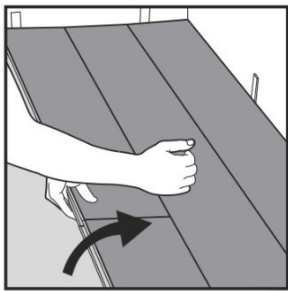


Fig 11.  
Separate the whole row by carefully lifting up and release the whole row.  
Fold up the row and release the whole long side.

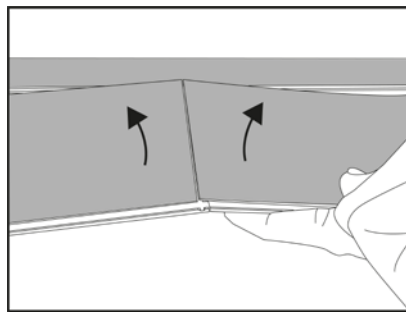


Fig 12  
Disassemble the panels by lifting up under the short end, and gently shake up and down to release.

## Horizontal installation

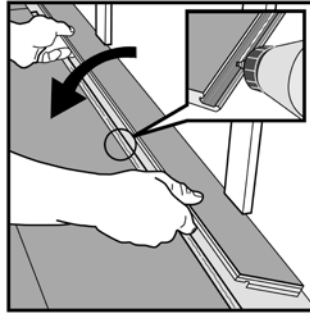


Fig 13 and Fig 14.

Cut off the vertical locking part of the strip with a chisel, put applicable glue on the strip and push the planks horizontally together. If necessary, place some spacers between last board and the wall during the hardening.

## Radiator pipes

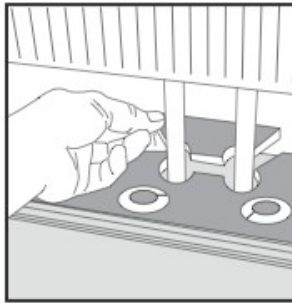
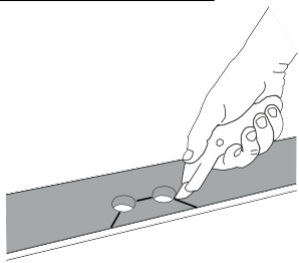


Fig 15 and 16.

Installation at radiators. Drill the holes 2 x spacer thickness larger, than the diameter of the pipes.