

STANLEY®

FLOORING
Installation guide

SUBFLOOR & ROOM PREPARATION
Correct subfloor preparation is essential for a flawless installation and a valid warranty. Complete every step below before laying the first plank.

1. CLEAN SLATE

Remove skirtings and all soft floor coverings such as carpet. The subfloor must be dry and free of grease, chemical residue and glue. Vacuum thoroughly to remove all dust and debris. Ensure a level, stable surface.

2. SUBFLOOR FLATNESS

The subfloor must be flat and stable. Maximum height tolerance per DIN 18202: 3 mm per 1 m. Level greater deviations across the full surface with a suitable patching compound.

3. SUBFLOOR MOISTURE

Mineral substrates (concrete or screed) must be permanently dry. Maximum relative humidity 80% (75% for heated substrates). Cement screed moisture must not exceed 2% CM (1.5% with underfloor heating).
On wooden subfloors, ensure ventilation and a wood moisture content below 10%.

4. CALCULATE SURFACE AREA

Calculate the surface area (Width x Length) and add 10% for cutting waste. Plan the planks along the longest wall or in the direction of the main light source for the best visual result.

5. ACCLIMATISE 48H

Leave unopened boxes in the room of installation for 48 hours at 18–25°C (64–77°F). Shuffle planks from different boxes for an even colour and pattern distribution. Inspect all panels for damage before laying.

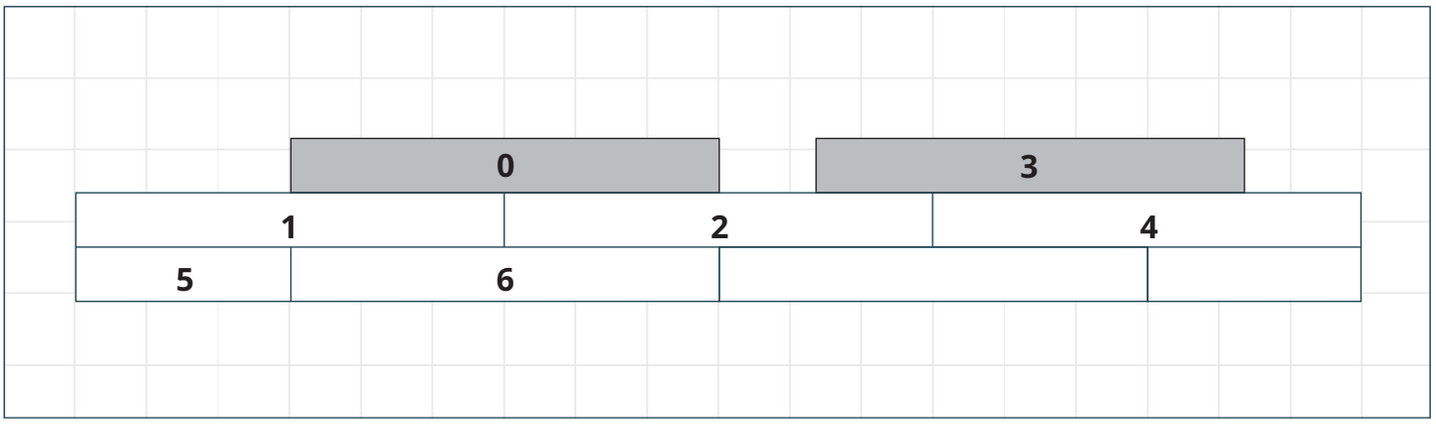
6. UNDERFLOOR HEATING

Confirm compatibility before installation. Surface temperature must not exceed 27°C. Raise and lower the heating gradually.

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FLOORING
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Installation pattern
The installation process outlined here includes the use of 2 planks as an alignment guide (**planks 0 & 3 shown above**). Make sure **plank 0** is centred across **planks 1** and **2**. Planks should be staggered in a brick laying pattern. The length of a plank must be at least 30 cm / 11.8 inches.





Materials

Tools needed: Spacers, pencil, tape measure, level, cutter knife, hard PVC mallet.

Optional: Plinths may be fitted after installation.

Underlay: To be placed before installation if not pre-attached to flooring panels.

Preparation

Calculate the surface area (length x width) and add 10%. Acclimatise your floor panels for 48 hours prior to installation at a room temperature of 18–25°C (64–77°F).

Ensure your subfloor is clean, even and stable. Maximum allowed height difference is 3 mm per 1 m (0.12 in per 3.3 ft).

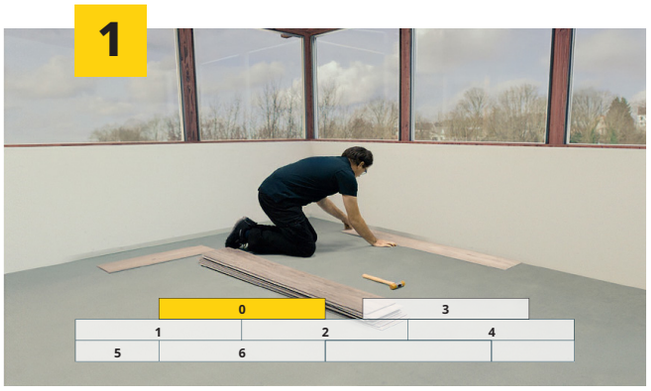
Check for any peaks or depressions in your subfloor and if they exist fill them up with patching compound. Remove any last obstructions such as glue, nails or screws. Check the floor panels for any damages.

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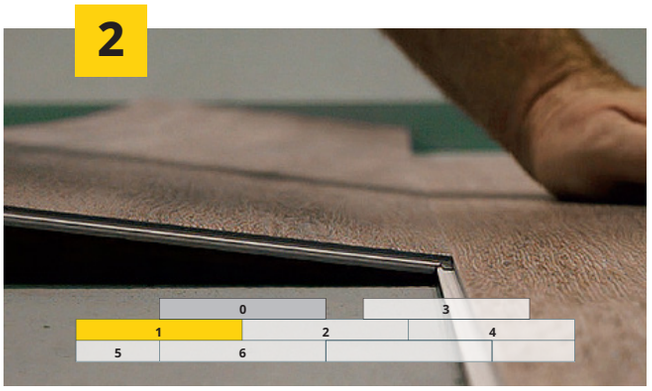
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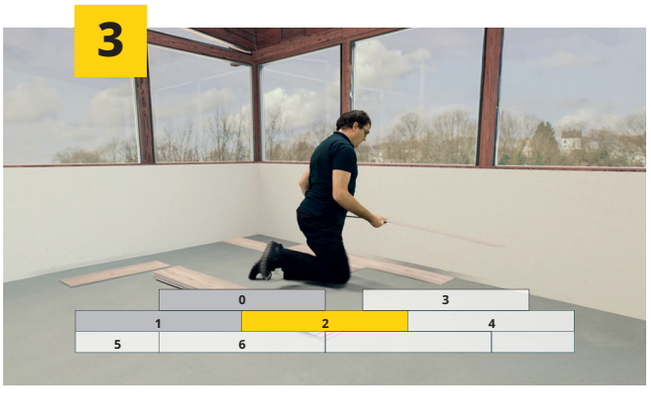
FLOORING
Installation guide



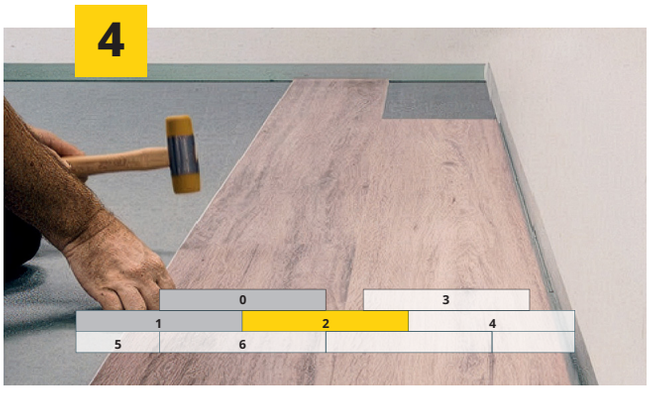
Align installation
It is very important that the first 2 rows are aligned. Use a full **plank 0** as an alignment guide and place it against the wall. No need for spacers yet.



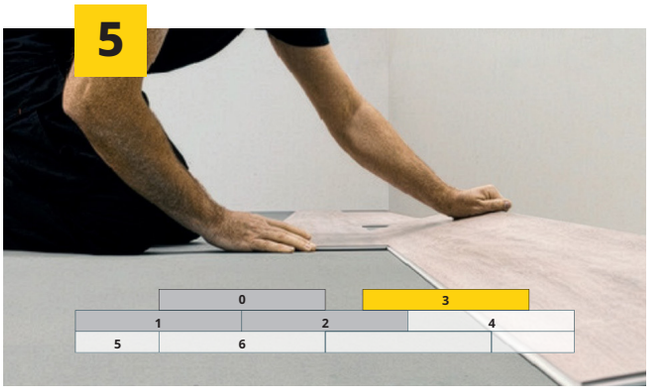
Install plank 1
Next, take another full length plank, angle it into the middle of the long side of **plank 0** and drop. Ensure there are no gaps.



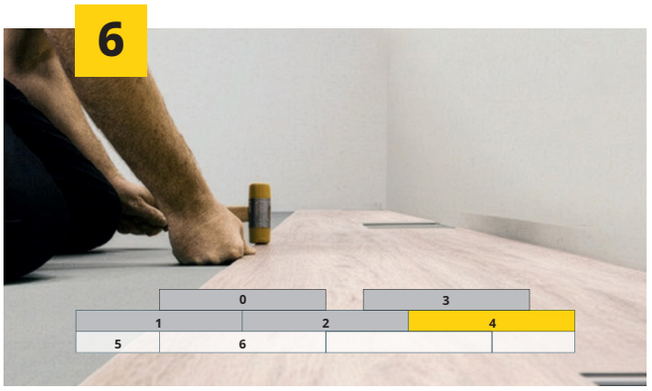
Install plank 2
Take another full length plank and angle it into **plank 0**. Then slide **plank 2** until the short side makes contact with the short side of **plank 1**.



Engage the short sides
Drop the short side of **plank 2** onto the short side of **plank 1**. Drop & Lock by pushing down firmly, if necessary use a hard PVC mallet to tap the joints slightly on the short side to secure. This ensures 3-fold locking.



Align installation
Use a full **plank 3** as an alignment guide by placing it against the wall. Angle **plank 3** into **plank 2**.



Install plank 4
Take another full length plank and angle it into **plank 3**. Then slide **plank 4** until the short side makes contact with the short side of **plank 2.** Drop & Lock by pushing the planks firmly down, if necessary use a hard PVC mallet to tap the joints slightly on the short side to secure. Ensure there are no gaps or height differences.

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i4F Drop-Lock Technologies

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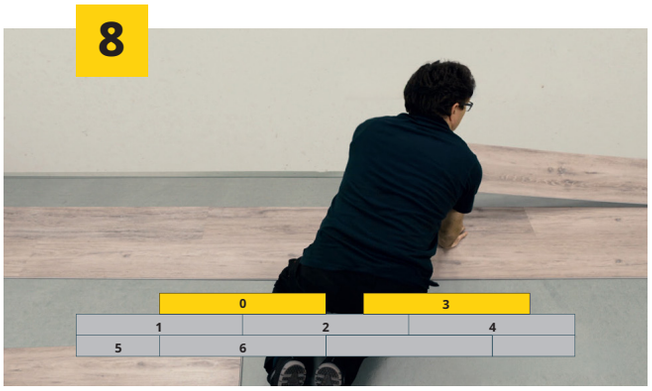
FLOORING
Installation guide

7



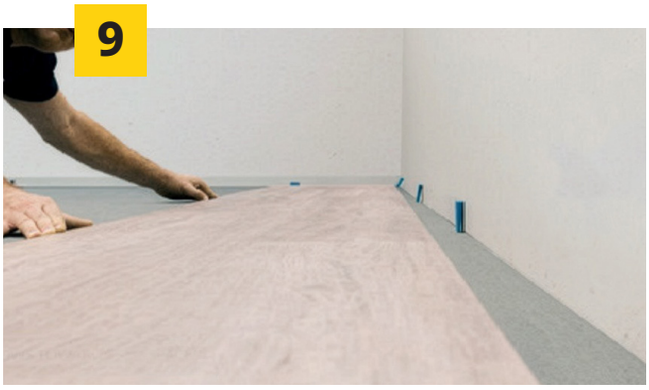
Finish rows 1 and 2
Start your second row by using half a plank (5) and angle in with plank 1. Make sure the short sides are aligned. Repeat the same steps as above to finish the second row. Ensure there are no gaps or height differences.

8



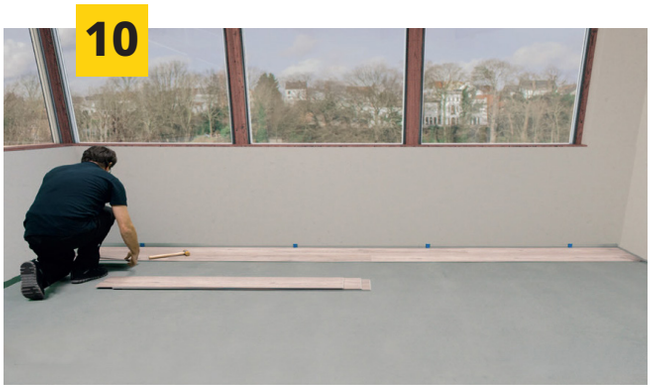
Remove alignment planks (planks 0 & 3)
Remove planks 0 and 3 by angling them out.

9



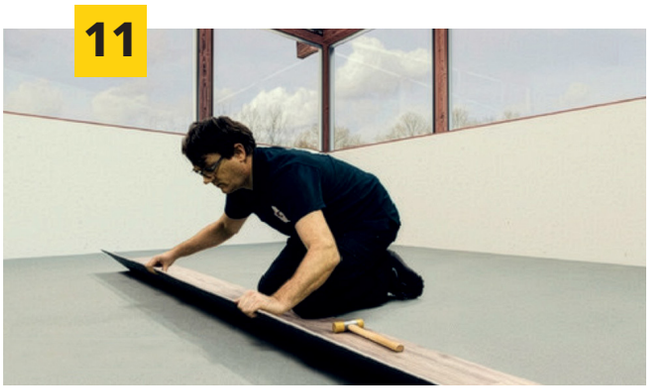
Use spacers & slide rows towards spacers
Place the spacers along the walls to create an expansion space of 5 mm / 0.2 inches. Proceed by gently sliding rows 1 and 2 towards the spacers.

10



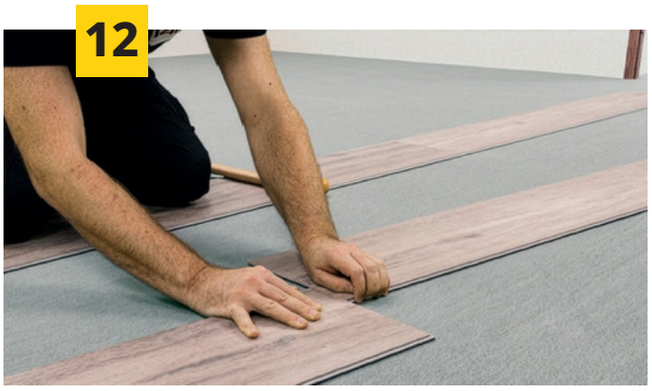
Finalise installation
From row 3 onwards, installation does not require a specific laying pattern. To finish the last row, measure the distance from the wall to the last installed row minus 5 mm / 0.2 inches. Remove spacers when installation is complete. Finish up the room by placing any plinths, moulding and trim.

11



Disassembling the long side
Lift up the entire row with the same angle as you did during installation, then slide the rows apart.

12



Disassembling the short side
Disassemble the row by sliding apart the planks on the short side. Ensure the planks are laying completely flat. If you cannot slide the panels apart, the short side is not fully engaged. Tap with the mallet to engage then slide out.

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