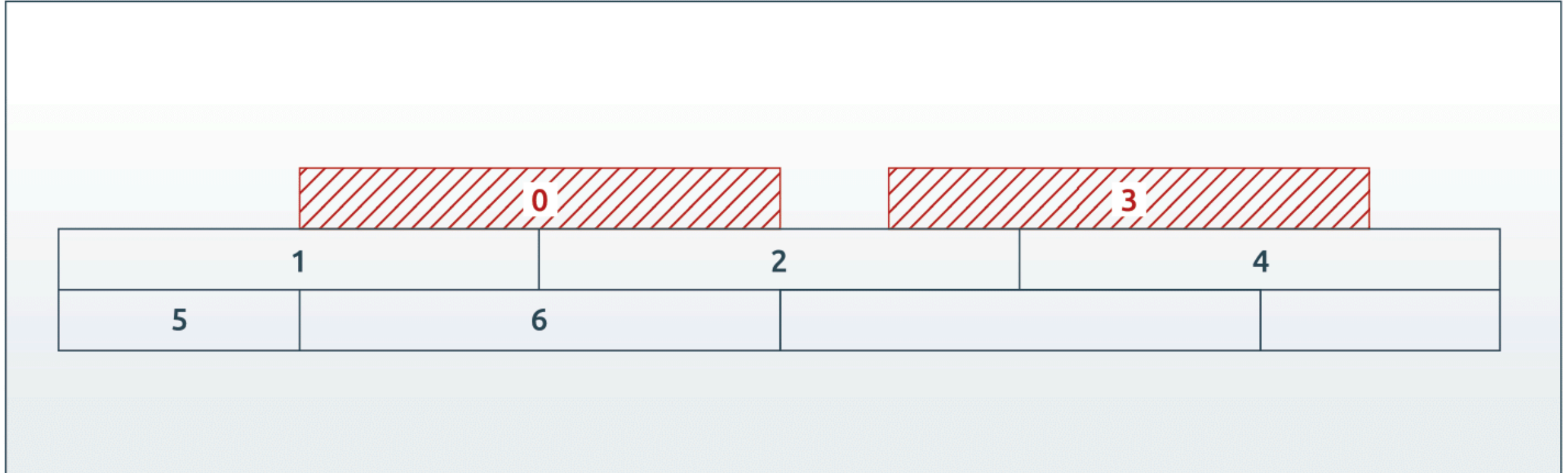
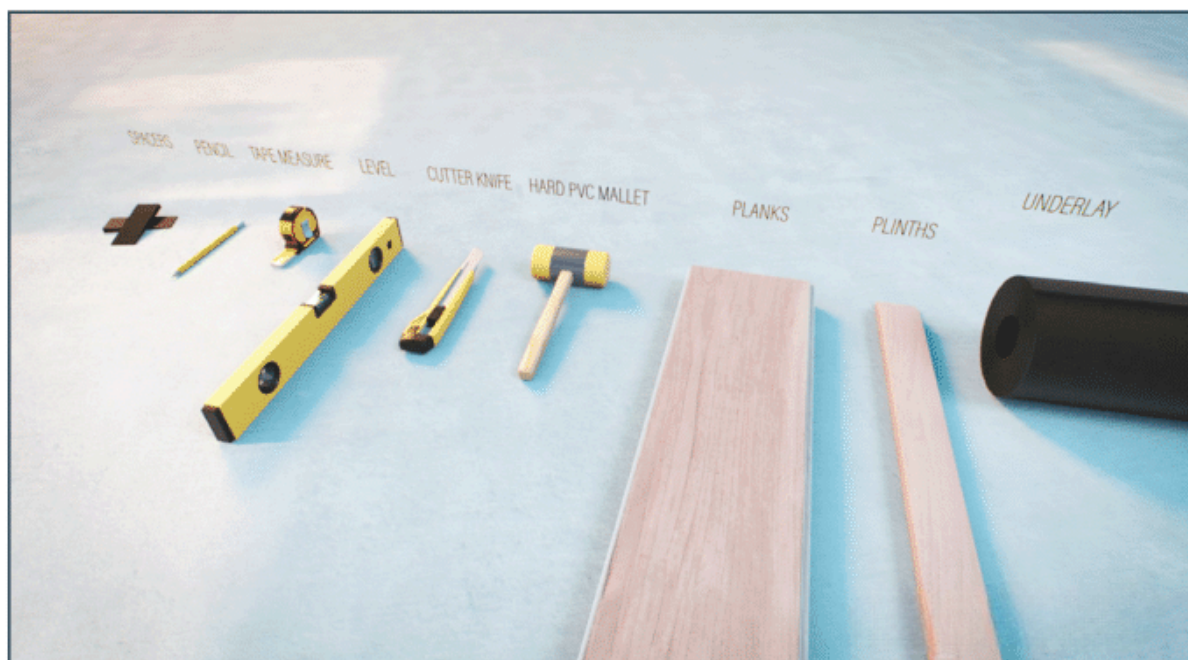


# Installing i4F Drop-Lock Technologies using alignment planks



## 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 centered across planks 1 and 2. Planks should be staggered in a brick laying pattern. The length of a plank must be at least 30cm/11.8 inches.



## Tools

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

**Optional:** Plinths.

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



## Preparation

- Calculate the surface area (length x width) and add 10%.
- Acclimatize your floor panels for 48 hours prior to installation at a room temperature between 18 to 25 degrees Centigrade, that is 64 to 77 degrees Fahrenheit.
- Ensure your subfloor is clean, even and stable. Maximum allowed height difference is 5mm/0.2 inches over a distance of 2m/6.6 feet.
- 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.





### 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.



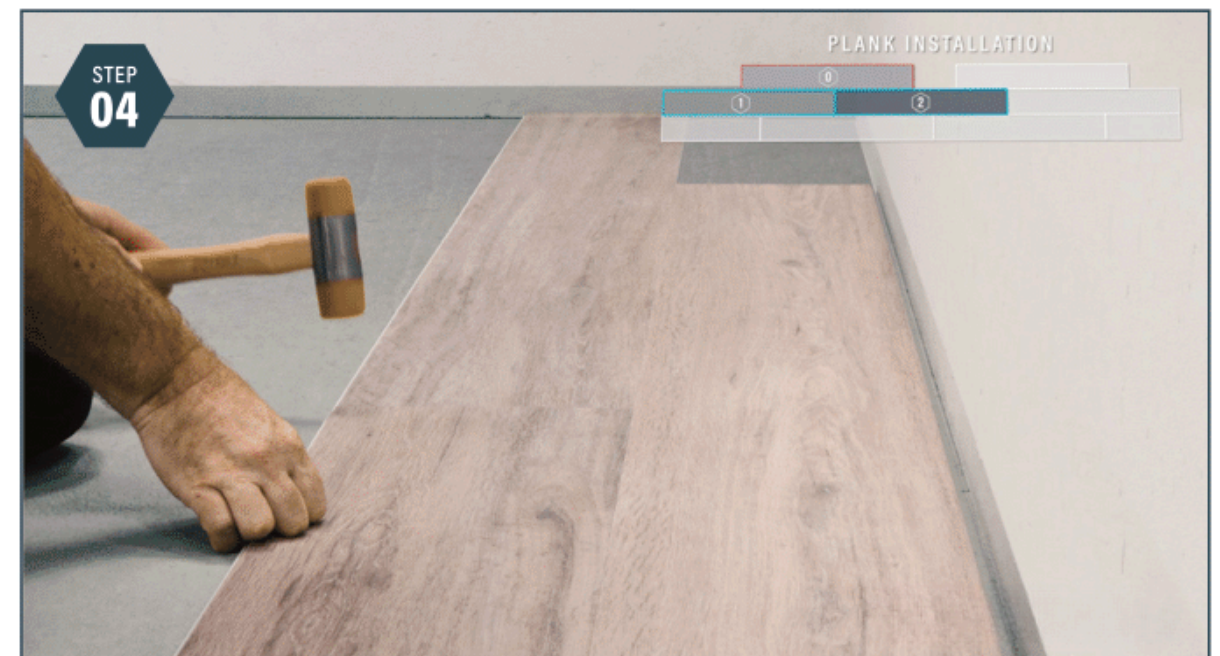
### Install plank 1

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

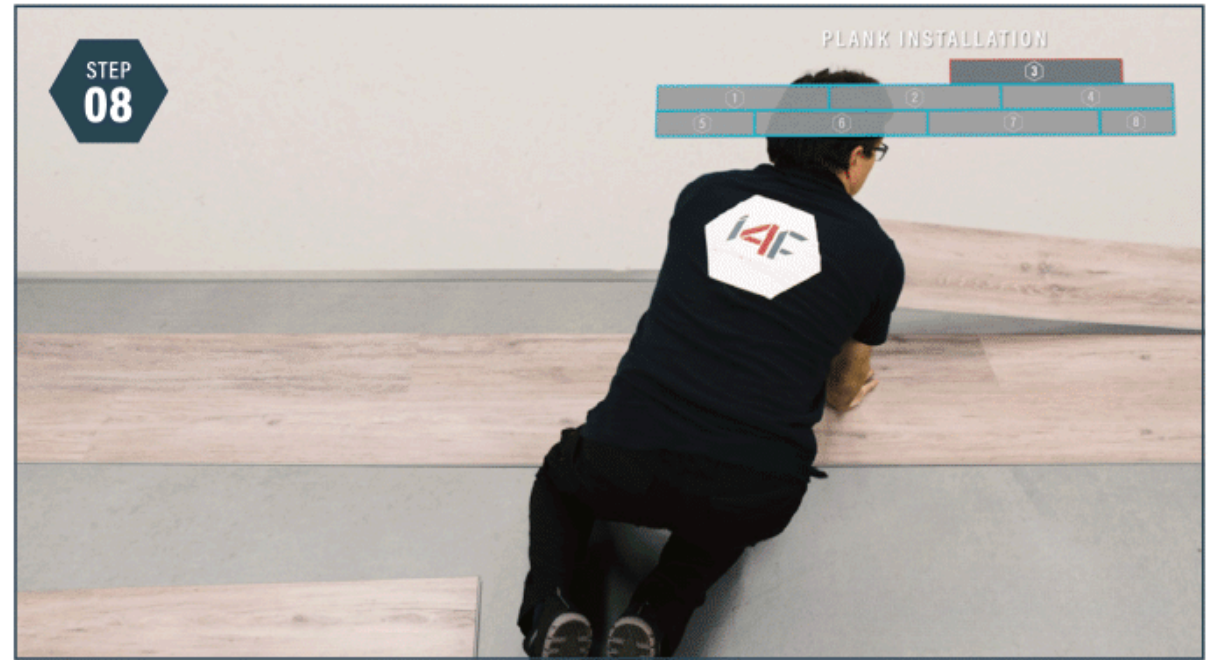
Take another full length plank and angle it into plank 3. Then slide plank 4 until the short side makes contact with the short side of plank 2. Drop & Lock by pushing the planks firmly down, if necessary use a hard PVC mallet to tap the joints slightly on the short side to secure. Ensure there are no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





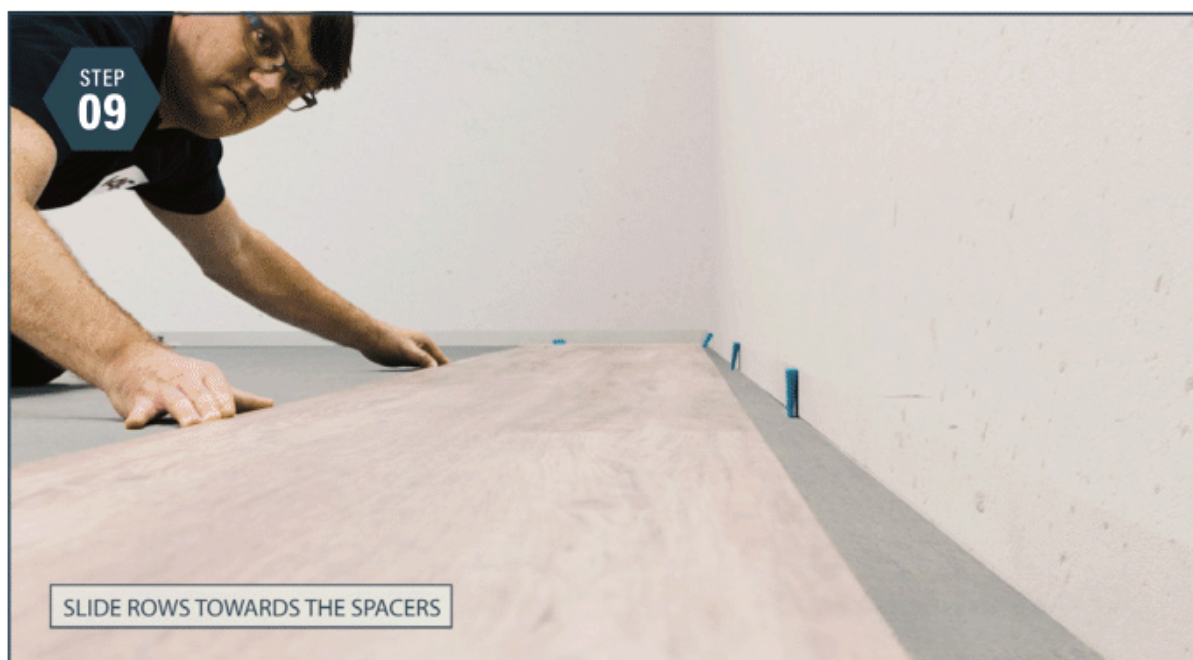
### Finish rows 1 and 2

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.



### Remove alignment planks (planks 0 & 3)

Remove planks 0 and 3 by angling them out.



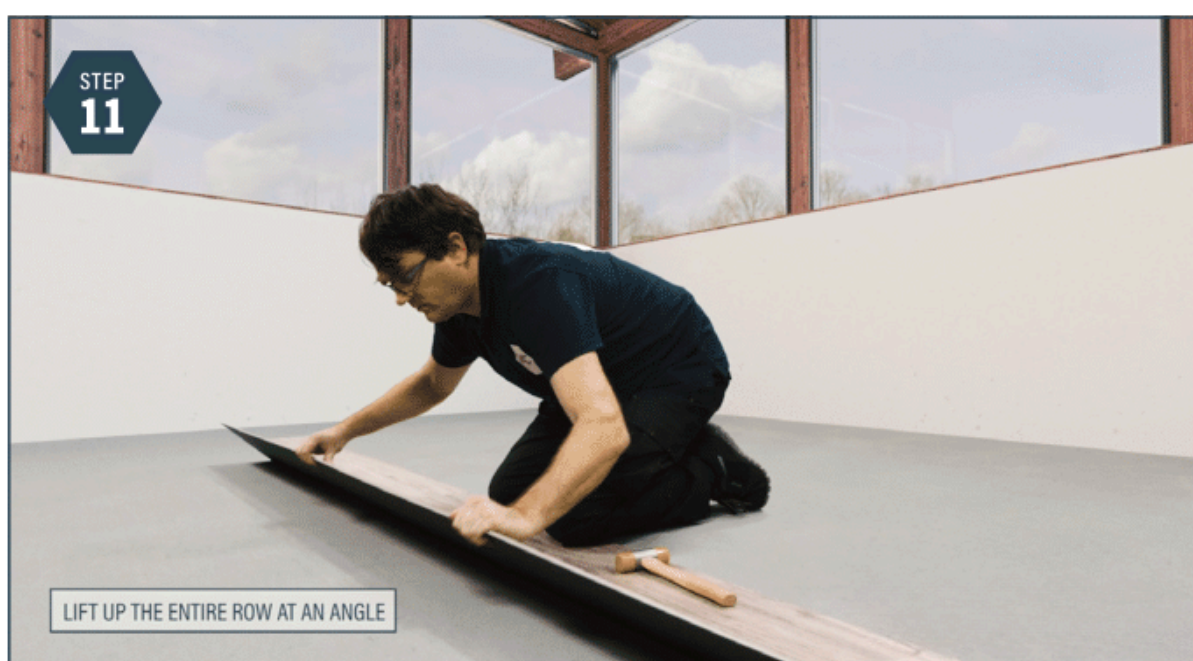
### Use spacers & slide rows towards spacers

Place the spacers along the walls to create an expansion space of 5mm/0,2 inches. Proceed by gently sliding rows 1 and 2 towards the spacers.



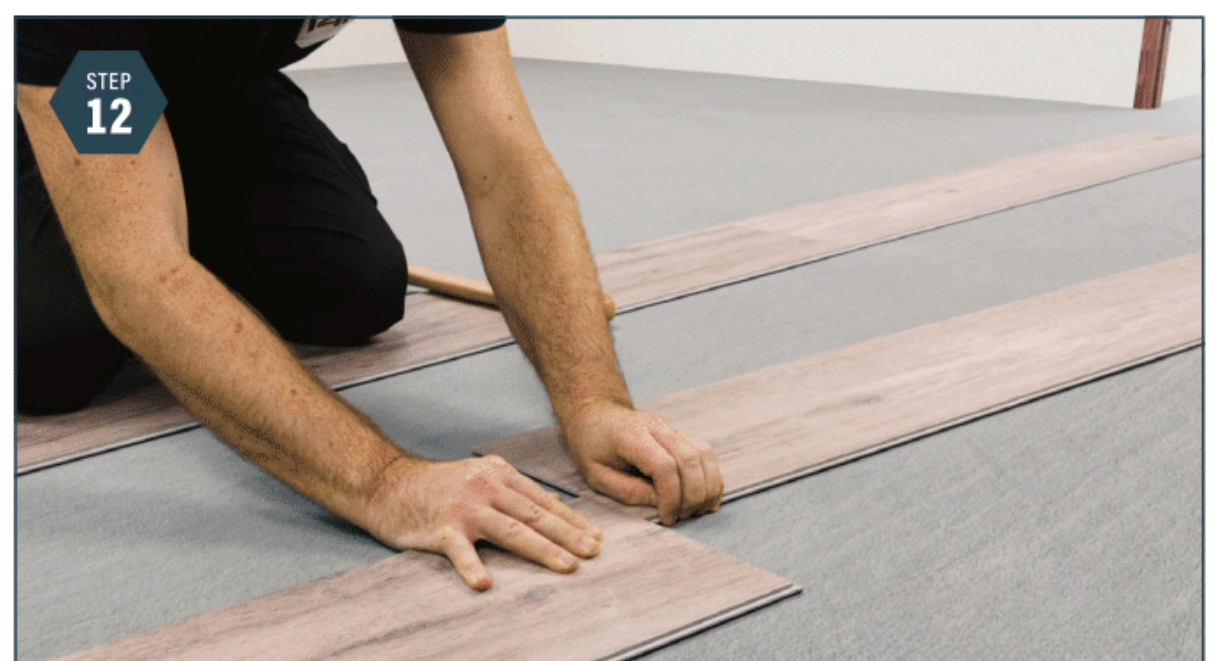
### Finalize installation

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 5mm/0.2 inches. Remove spacers when installation is complete. Finish up the room by placing any plinths, molding and trim.



### Disassembling the long side

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



### 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.