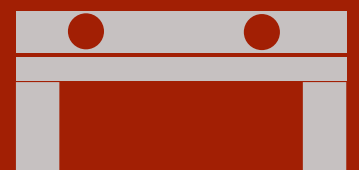


INSTALLING THE NOVAFIX SYSTEM ON TIMBER FLOORS



Timber Floors



ASSESS THE TIMBER FLOOR

1. Timber substrates

ULTRA levelling compound is used to encapsulate, fill and smooth NovaFix Panels which have been securely fixed to the existing timber substrate in accordance with NovaFix instructions. After assessment of the substrate and completion of the required pre-treatment, the NovaFix Panels should be mechanically fixed to the substrate ensuring that they are flat and in contact with the substrate. There should be no movement or flexing of the floor when walked on.

Prime the floor only

Ensure that the floor is capable of supporting the required loads without deflection. Deflection can be measured under load or assessed visually by jumping up and down on the floor. The floor must be stable, well supported and ventilated underneath. If the timber floor is sound and there is no flexing under load, check that the boards are butted together and that there are no gaps between boards, nor any holes or leaks in the floor where the flowing screed can flow away when applied. The substrate can now be prepared and primed as described in the next section "Prepare the timber floor"



Overboard and Primer

Timber floors which flex or move under load when walked on will need to be repaired prior to installation of the NovaFix low profile screed system. Localised damaged boards should be replaced. Where the existing floor flexes under load it will need to be over-boarded using a minimum 6mm board e.g plywood.



Insulation with no Primer

Solid timber floors with no movement under load, but gaps between boards where screed can leak during installation can be over laid with NovaFix high compressive strength extruded polystyrene either 6mm or 10mm thick.



PREPARE THE TIMBER FLOOR

1. Timber substrates

STEP 1

The substrate should be swept clean of any dust / debris.



STEP 2

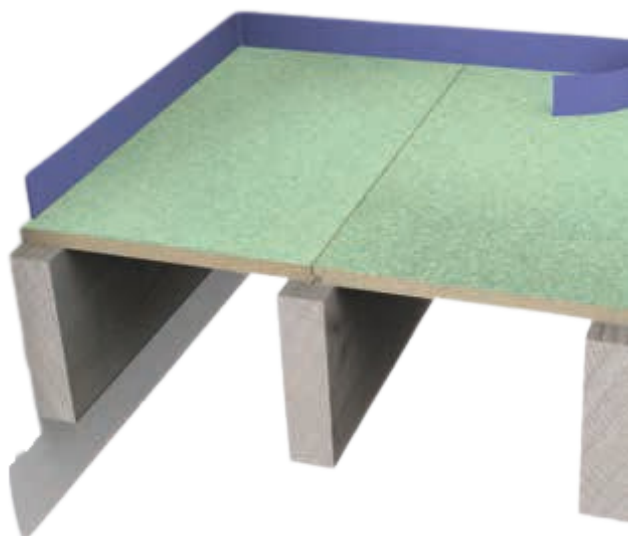
The substrate should be primed using NovaFix dispersion primer diluted in accordance with the datasheet.

The primer is spread using a soft sweeping brush. NovaFix panels can be applied after the primer has become touch dry, and the ULTRA levelling compound should be applied within 72 hours.



STEP 3

A soft strip (5mm minimum in thickness) is fixed to any wall or vertical element in the floor



INSTALL THE NOVAFIX PANELS

1. Timber substrates

STEP 4

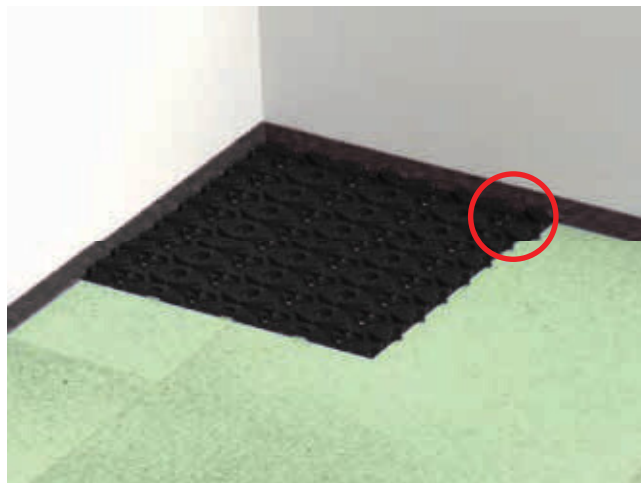
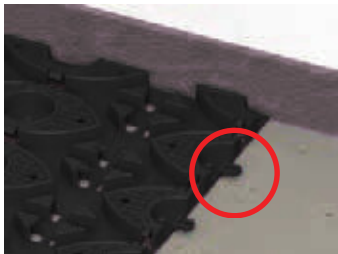
Before placing the first panel within the corner of the room, remove all tabs on the one edge of the panel (see image to the right). This ensures that the protruding tab does not pierce the edge insulation.

All subsequent panels within the first row must have the tab removed.



STEP 5

Place the first panel within the corner ensuring the male snap clip is facing from left to right.



STEP 6

Mechanically fix the panels to the floor using a cordless screwdriver and wood screws

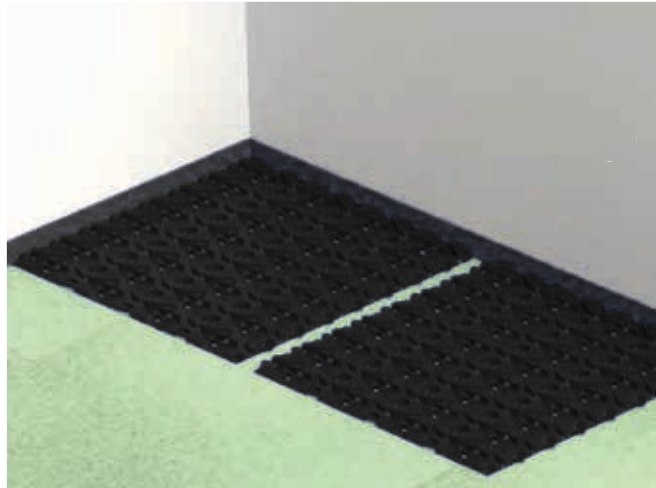


INSTALL THE NOVAFIX PANELS

1. Timber substrates

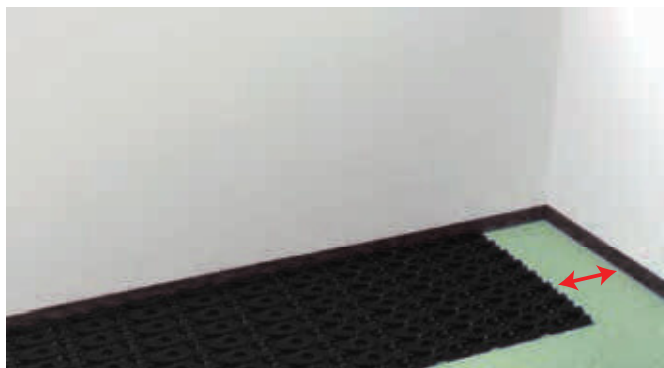
STEP 7

Click the next panel into place using the male snap clips until fully engaged.



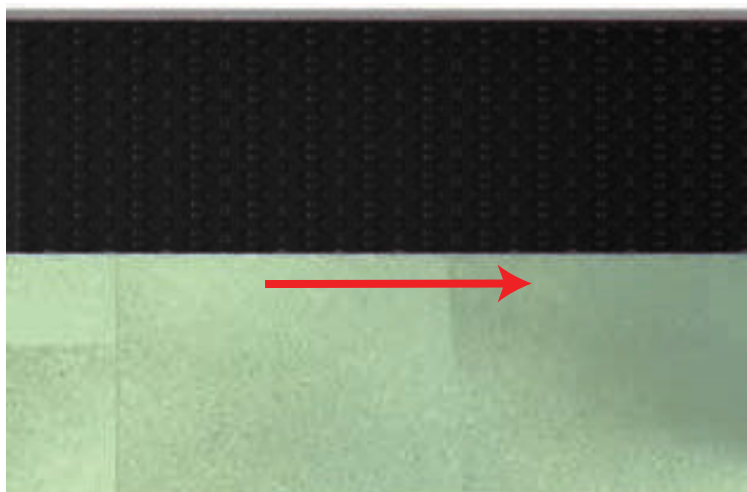
STEP 8

Complete the whole row of panels until you reach the edge of the room



When you reach the edge of the room, measure the remaining distance and score the back of the panel using grooved cutting lines

Snap the required section of panel and lock in place.

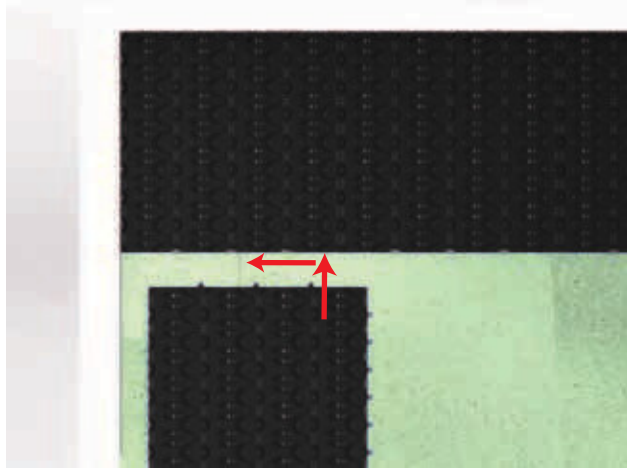


INSTALL THE NOVAFIX PANELS

1. Timber substrates

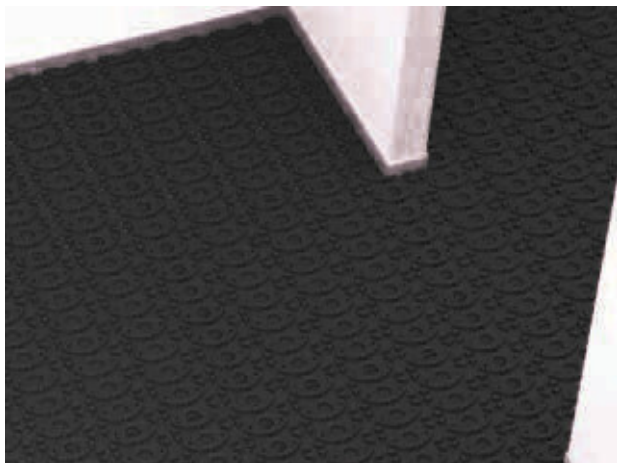
STEP 9

Upon completion of the first row, the next panel is connected to the first panel of row 1 using the slide and lock feature.



STEP 10

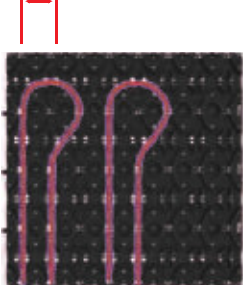
Continue to lay the panels across the room repeating the process until the room is completed.



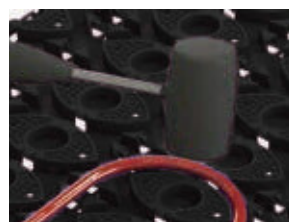
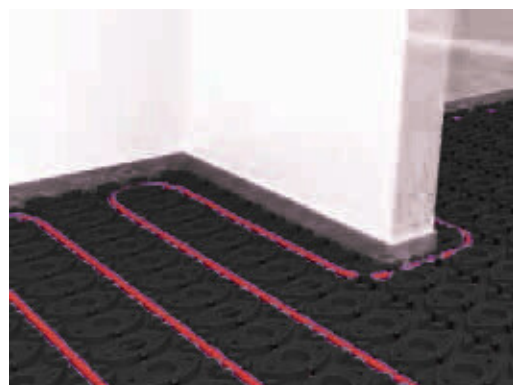
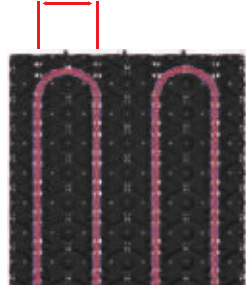
STEP 11

Laying the pipework- Starting from the manifold, lay the first circuit by pressing the pipework into the panel through the integral pipe clips in a meandering pattern. The grooves within the panel enable either 150mm or 75mm pipe centres.

75mm



150mm



Ideally use a rubber mallet to fully engage the pipe work in place



INSTALL THE NOVAFIX PANELS

1. Timber substrates

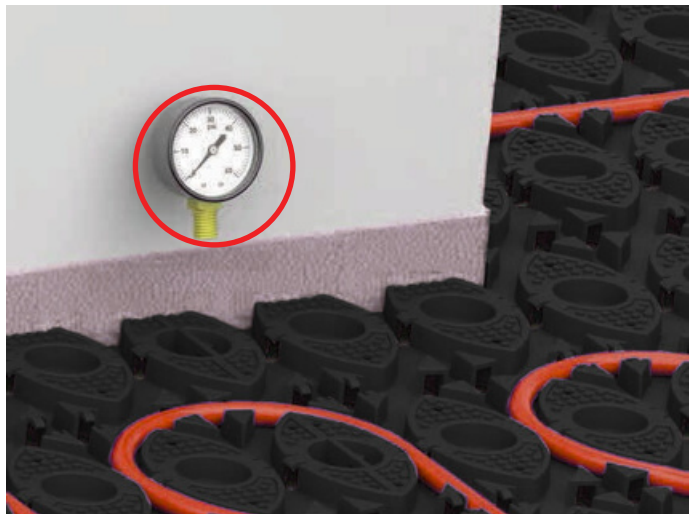
Complete all circuits

STEP 12



PRE SCREEDING CHECKS

- 1 Ensure all panels are secure to the substrate
- 2 Ensure all pipework is clipped in place and secure within the panel.
- 3 Ensure the area within the panel is completely clear of debris.
- 4 Ensure the pipework is fully pressure tested in line with the testing procedures



READY FOR APPLYING LEVELLING COMPOUND

