



Uponor

Uponor Minitec

Underfloor Heating & Cooling

Minimal build height for optimal comfort

Uponor Minitec

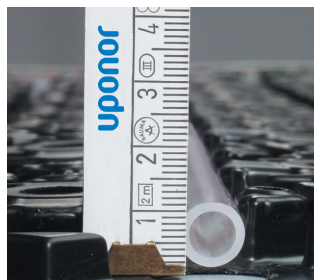
Minimum height for maximum room comfort

The main advantage of Uponor Minitec is its low installation height. You can easily fit different floor coverings on to it – depending on the customer's individual requirements. Therefore, Uponor Minitec brings excellent living comfort even to renovated houses.

The sturdy Uponor Minitec panel can be walked on instantly and efficient installation of the Uponor PE-Xa pipes can be carried out by a single technician. They are suitable for all room geometries and do not need to be installed right to the edge of the floor. The system includes all the components required for fitting in doorways and to adjoining walls. What's more, the Uponor Minitec panel for laying the PE-Xa pipes 9.9 x 1.1 mm can be installed on any existing screed, timber or tiled floor.

Thanks to its low panel height of 12mm, Uponor Minitec is particularly suitable for integration into existing buildings during renovations. The panels are equipped with punched holes in between the castellations, which ensures, that the levelling compound can spread easily and bonds firmly with the substructure.

The rear side of the panel is equipped with an adhesive surface, ensuring a secure fixture to the floor during installation. The self-adhesive edging strip with a self-adhesive panel is available in an L and I profile and creates a seal along the wall. The levelling layer is installed just above the raised panel, resulting in an installation height of only 15 mm. After a short drying time, the desired floor covering can be placed directly onto the surface.



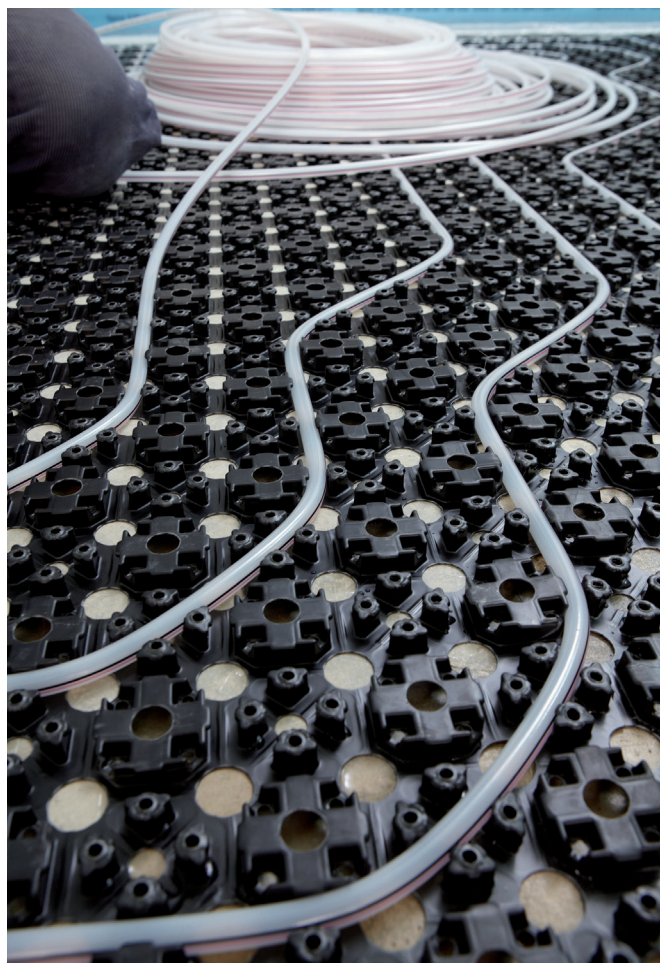
Minitec panel height

Your advantages

- The thinnest wet underfloor heating/cooling installation
- 15mm overall build height
- Fast and easy to install
- Bonds directly to subfloor
- Ensures total pipe encapsulation
- Suitable for total floor area coverage
- Ideal for new build and renovation projects
- Short heat-up times
- Uponor Minitec fits underneath different covering layers – depending on individual needs
- Suitable for installation on multiple floor constructions
 - New or existing concrete/screed floors
 - New or existing timber floors
 - Existing tile floors
- High thermal comfort level
- Output $\rightarrow 100\text{w/m}^2$
- Ideal partner for renewable technologies

Technical features

- Panel size: 1120 x 720 mm
- Total panel height: 12 mm
- Pipe dimensions: 9.9 x 1.1 mm
- Suitable for Uponor PE-Xa pipes
- Diagonal pipe fixture for installation at 90° and 45° angles





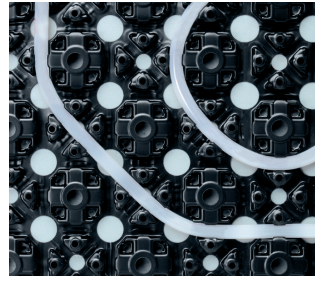
Easy installation of the Minitec panel

The adhesive surface ensures a secure fixture to the floor.



Uponor PE-Xa pipe installed at 90° angle

The pipes are held in place by the castellation on the Minitec panel, ensuring that the installation meets the relevant standards.



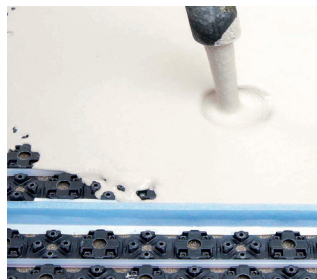
Uponor PE-Xa pipe installed at 45° angles

The panel is equipped with specially designed panels for the laying of the pipe in 90° and also in 45° bends.



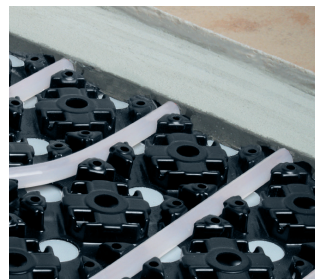
Cost-saving one-man installation

Tight pipe fixation allows easy lap installation to cover the entire underfloor heating surface.



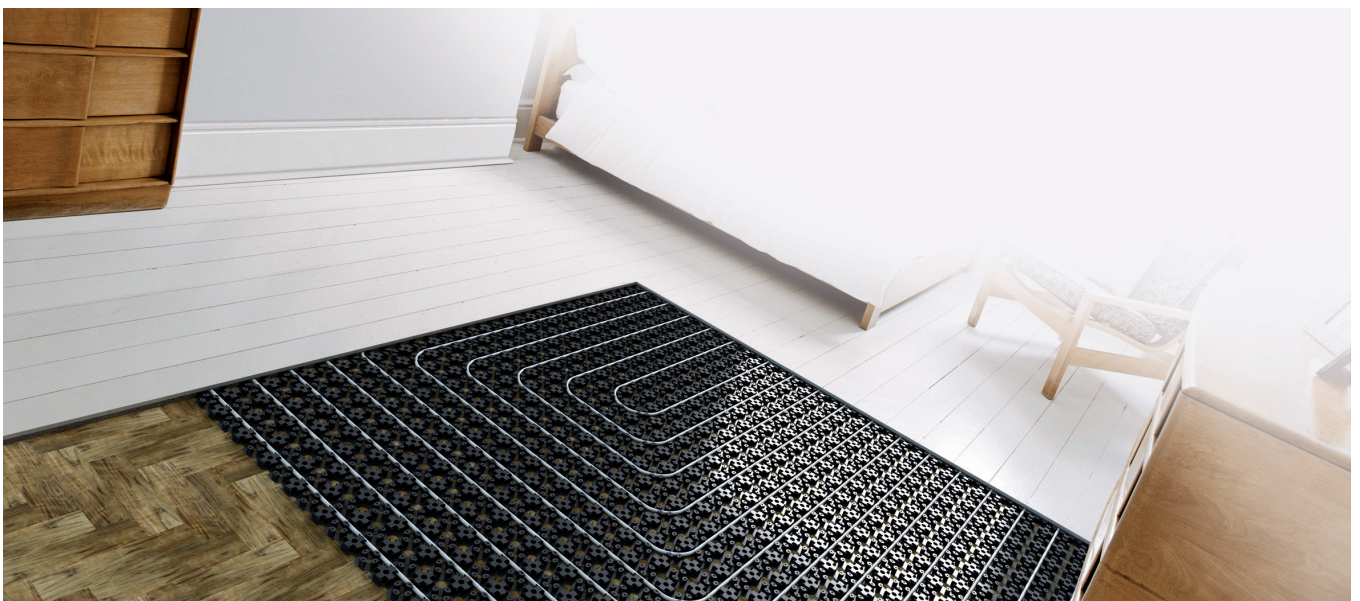
Levelling compound can spread easily

The levelling compound bonds firmly with the panel thanks to punched holes in the structure.



Short heat-up times thanks to thin self levelling compound layer

As the pipe is right below the top floor layer, heat-up times are short and Uponor Minitec can be operated at low heating water temperatures. Therefore, it is ideal for heat pumps and the use of renewable energy.



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