

Uponor



Uponor Minitec

UNDERFLOOR HEATING AND
COOLING

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 nub foil elements can be walked on instantly and ensure a fast and efficient installation of the Uponor PE-Xa pipes 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 Uponor Minitec product line includes all the components required for fitting in doorways and to adjoining walls. The Uponor Minitec foil element 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 element height of around one centimetre, Uponor Minitec is particularly suitable for integration into existing buildings during renovations. The nub foil is equipped with punched holes in between the naps, which ensures, that the levelling compound can spread easily and bonds firmly with the substructure.

The rear side of the element is equipped with an adhesive surface, ensuring a secure fixture to the floor during installation. The self-adhesive edging strip with self-adhesive foil available in L and I profile creates a seal along the wall. The levelling layer is installed just above the raised nubs, 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.

Your advantages

- The thinnest hydronic underfloor heating/cooling installation
- Elements height of one centimetre only
- Ideal for retrofitting in existing buildings during renovations
- Suitable for direct installation on screed or tiled floors
- Short heat-up times
- Uponor Minitec goes with different covering layers – depending on individual wishes



Foil element of minimal height



Easy installation of Uponor foil elements

The adhesive surface ensures secure fixture to the floor.



Uponor PE-Xa pipe installed at 90° angle

The pipes are held in place by the naps of the foil, ensuring that the installation meets the relevant standards.



Uponor PE-Xa pipe installed at 45° angles

The foil is equipped with specially designed nubs 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 foil thanks to punched holes in the structure.



Short heat-up times thanks to thin self levelling compont 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.

Technical features

- Panel size: 1120 x 720 mm
- Total element 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

Uponor radiant heating and cooling

- Sustainable solutions with superior energy performance
- Perfect comfort for the home owner
- Seamless integration with the building process
- High reliability and low maintenance costs
- Technical support from design to installation

Uponor Corporation
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Uponor reserves the right to make changes, without prior notification, to the specification of incorporated components in line with its policy of continuous improvement and development.

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