

Uponor



Uponor Siccus

UNDERFLOOR HEATING
AND COOLING

Uponor Siccus

Lightweight design and shallow construction

The Uponor Siccus floor heating product line has been developed for use with suspended timber floors and is suitable for new constructions as well as for modernising old buildings. Uponor Siccus is a dry-fit installation using floor sheets (minimum construction height 43 mm) so it's quick and clean to fit and can be walked on immediately after installation.

All conventional floor coverings, including tiles, parquet, carpet and plastics with a maximum thermal resistance of $R_{s,b} = 0.15 \text{ m}^2\text{K/W}$, are suitable.

Uponor Siccus comprises just four components – mounting sheet, heat conducting plate,

heating pipe, PE foil – and it's light in weight: only 25 kg/m^2 including the floor load distribution sheet. This is a real engineering bonus, especially for wooden joist constructions, and the low-mass floor construction allows fast response temperature controls.

The integral pipe guide channels in the Siccus mounting sheet hold the heat conducting plates and heating pipes. The mounting sheet is flexible to use, easy to cut and pre-fitted with channels in the "header area" for Uponor PE-Xa and MLC pipes.



Just four components: mounting sheet, heat conducting plate, heating pipe and PE foil



Omega shape of the heat conduction plate ensures perfect heat transfer



Your advantages

- Shallow floor construction (43 mm)
- Quick to install; the floor can be walked on immediately
- Low static weight
- Low inertness
- Mounting sheet for universal application
- Fast response temperature control



Three different pipes available: Uponor PE-Xa, Uponor MLCP red and MLCP white

Uponor Siccus can be installed with three different pipes depending on your requirements: Uponor PE-Xa, Uponor MLCP red and

MLCP white. They all provide the ideal combination of heating circuit size, installation height and flexibility.



Divide the heat conduction plate by bending it only



Professional cutting tool for clean carvings

No tool is needed when it comes to changing the size of the heat conduction plate. Prefabricated notches allow to shorten it easily by bending the plate.

The mounting sheet can be easily adapted to any floor plan thanks to the butted laying system. Any additional channels required are created in a matter of minutes using the electric cutting tool.

Technical features

- Panel size: 1197 x 1050 mm
- Minimum installation height: 43 mm
- Low static weight from 25 kg/m^2 load with dry screed panels and 61 kg/m^2 with KB 650 cement screed
- Suitable for both 14 mm Uponor PE-Xa and MLC pipes
- Strong hold and perfect heat transfer thanks to Omega shaped plate

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
www.uponor.com

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.

Uponor
simply more