

Uponor

Build on Uponor with Klett Silent

Klett installation panel with mineral fibre insulation
for optimised impact sound insulation

NEW

Klett pipe mounting
with mineral fibre
insulation integrated
in an installation panel

- ✓ Fast installation by a single person at low installation costs
- ✓ Tendering alternative to Klett panels with EPS insulating materials
- ✓ Sustainable mineral fibre based insulation
- ✓ Certified step sound reduction also with low-height 30mm pipe screed coverage

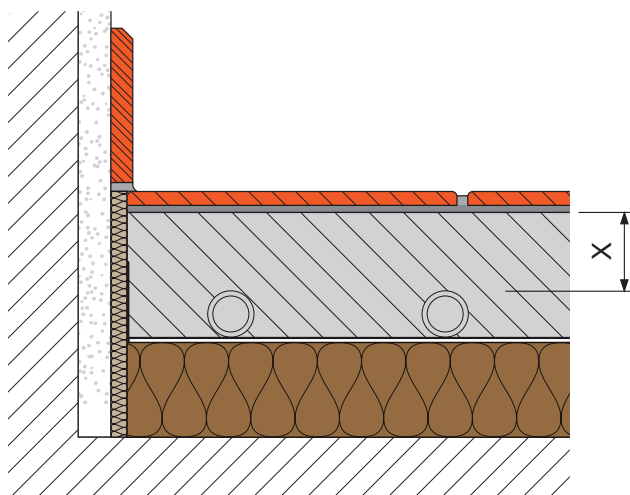
Uponor Klett Silent – Klett installation on mineral fibre insulation for radiant heating systems

Ideal for new residential constructions in single-family homes and apartment blocks with demanding step-sound absorption requirements

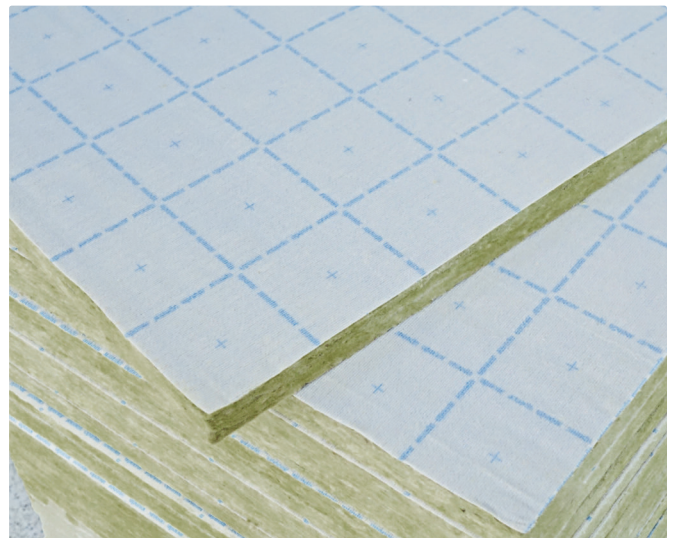
Uponor Klett Silent consists of the proven Klett foil for pipe mounting, which is combined with a mineral fibre insulation. The insulation layer offers thermal protection and certified impact sound insulation at the same time – perfect for use in single-family homes and apartment blocks. The fast installation by a single person facilitates lowering installation and construction costs.

Uponor Klett Silent

Dimensions	1,200 x 1,000 x 30 mm
Max. traffic load	5 kN/m ²
Thermal resistance in accordance with DIN EN 1264-1	$R_{\lambda, ins} = 0.85 \text{ m}^2\text{K/W}$
Fire behaviour acc. to EN 13501-1	Class E
Melting point of the rockwool	> 1,000 °C
Load distribution layer Area	Cement and anhydrite screed 1.2 m ² /panel
Panel weight	4.2 kg/panel
Weight per unit area	3.5 kg/m ²
Short designation according to DIN EN 13162	MW EN 13162 T6(T+)-SD20-CP3 (30-3)
Dynamic stiffness	20 MN/m ³



- Non-combustible and sustainable heat insulation as well as impact sound insulation with mineral fibres
- Certified impact sound insulation
- Tested low-emission system
- Reduced pipe coverage of 30 mm possible
- Suitable for anhydrite screed
- Fast and easy installation by a single person thanks to Klett pipe mounting
- Cut to measure with serrated knife with almost no wastage; no special tools required



The Uponor Klett Silent installation panels enable fast Klett pipe mounting on mineral fibre insulation with impact sound insulation.

Certified impact sound design with Uponor Klett Silent

Pipe coverage $x = 48 \text{ mm}$ with cement screed
 16 mm Uponor Klett Pipe heating pipe
 Total structural height of insulation and underfloor heating = 94 mm
 Rated impact sound improvement $\Delta L_W = 31 \text{ dB}$

Pipe coverage $x = 30 \text{ mm}$ with Knauf liquid screed FE 80 ECO
 16 mm Uponor Klett Pipe heating pipe
 Total structural height of insulation and underfloor heating = 76 mm
 Rated impact sound improvement $\Delta L_W = 29 \text{ dB}$

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