References

Feng Shui home

Uponor involvement

309

Feng Shui home

An eco-friendly constructor and a bio-architect teamed up with Uponor Italy to create a balanced combination of new and old, for the perfect indoor climate.

Project Facts:

Location
Isola Vicentina, Italy

Completion
2009

Building Type
Single homes

Product systems
Radiant Heating & Cooling

Project Type
Renovation

Partners

enduser
Privato

contractor
bioHABITAT

architect
Giuseppe Maria Padoan

installer
Esteban Lucca

An eco-friendly constructor and a bio-architect teamed up with Uponor Italy to create a balanced combination of new and old, East and West for the perfect indoor climate.

Uponor Italy accepted the challenge for the project of a sustainable house in Isola Vicentina, Italy. Built with natural materials such as wood and cork, the house was planned to comply with state of the art bio-architecture parameters, with an eye for energy saving and aiming to create the best comfort for the family that would live in it. Uponor Italy came up with a special solution for the integrated heating and cooling system of this project.

The project for this new house was definitely challenging especially since architect Giuseppe Maria Padoan planned the house following Feng Shui principles, an Asian philosophy based on the combination of natural elements and energy flows. Uponor was called in for the part of the project concerning indoor climate, and the technical team came up with a solution created specifically for this demanding project which included cork panels, that where biologically pure. The MLCP pipes were installed on tracks laid on the panels.

The project in brief:

Name: bio-architecture project in Isola Vicentina, Italy

Description: integrated heating & cooling underfloor system

Date of installation: July 2009

Type of building: new single house

Constructor: bioHABITAT – Folgaria, Italy www.biohabitat.it

Architect: Giuseppa Maria Padoan www.casarmonia.com

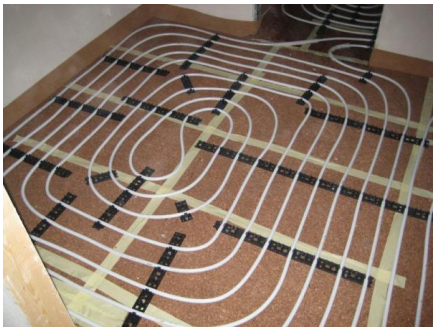
Installer: Esteban Lucca – Valdastico, Italy

Uponor Sales Rep: Emmegi – Padova, Italy

Wholesaler: La Termica di Miazzon – Schio, Italy

Uponor solutions: Uponor underfloor panels (tracks + insulating cork panel) - 309.84 m2; 16x2 mm MLCP pipes – 2,856.85 m.

Feng Shui home



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