

Concrete Core Heating and Cooling Systems, Piešťany



Implication d'Uponor

✓ Uponor Contec on fibre feet (600 m²) | Uponor Velum panels (108 pcs.) | Uponor Thermal Sockets (20 pcs.)

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The investor is a company called Ekom, which is a compressor manufacturer for medical equipment producing clean air without vapour and odours.

The client has chosen to build their new office according to a low-energy building standard. To do this, they applied a favourable building orientation to the North-South and green HVAC technology. The HVAC scheme consist of ground source heat pumps, ceiling cooling Uponor Contec ON on fibre feet (600 m²) suitable for exposing concrete and mechanical hygienic fresh air ventilation.

Connaissance du projet

Location	Achèvement des travaux
Piešťany, Slovakia	2017
Type de construction	Product systems
Bâtiment tertiaire	Systèmes rayonnants rafraîchissants
Site internet	Type de projet
http://www.ekom.sk/en	Nouveau bâtiment

Partenaires

- Investor: Ekom spol. s. r.o.
- Architect and consultant:
Delta Projektconsult Slovakia,
s. r.o.
- Contractors: IN VEST s.r.o.,
KVT s.r.o., Synett s.r.o.
- Installations company: Klima
Servis s.r.o.

- The Office building is built as a reference and representative for a significant investor.
- The project was designed by architect Delta Projektconsult in Revit using BIM logic, which enabled a clearer communication among stakeholders, optimisation of investment cost and applied materials.
- There are installed /used thermally activated building systems, Radiant heating / cooling systems.
- The client has decided to build their new office according to a low-energy building standards.
- It underlines a new trend in Slovakia; customer wanted to achieve more sustainable and comfortable cooling solutions for his building
- The 3-storey office building is located in city of Piešťany.
- Estimated project budget: €3,7 million EUR

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