References

Klimahaus Bremerhaven 8°



Uponor involvement

- 10.000 m PE-MDX Pipe

Klimahaus Bremerhaven 8°

The Klimahaus Bremerhaven 8° Ost in Germany is a science centre that presents climate and climate change topics in a comprehensible scientific manner.

Project Facts:

Location	Completion
Bremerhaven, Germany	2009
Vrsta objekta	**Product systems**
Office building	Površinsko grejanje i hlađenje

Address	Website	Project Type
Klimahaus Betriebsgesellschaft mbH	http://www.klimahaus-bremerhaven.de/ueber-uns.html	New building

The exhibition represents nine locations from seven countries on four continents and the most important climate zones, ranging from the Antarctica (-6° C) to the desert (+38°C).

Technologies like concrete core activation, coupling of power, heat and coldness and natural ventilation have been put to best use in this holistically-planned object. For heating and cooling the developers decide for the Uponor stapler system. Total 10.000 metres of PE-MDX pipes were installed. Due to the flexible pipe laying, this solution is suitable for all spaces and provides full surface radiant heating.

In addition, the project utilised Uponor's HSE planning software for technical building equipment from preplanning to implementation. The CAD programme enables rapid, efficient, easy and standard calculation for heating surface design, heat

input, heating pipe network and drinking water, helping professionals carry out the work correctly.

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