



uponor

LEITRADLOFTS builds on Uponor Hygiene Logic

- ✓ Individual project design and accurate analysis for an ideal pipe network
- ✓ Flexible and safe drinking water installation
- ✓ Perfect water flow guaranteed with loop installation

Reference: LEITRADLOFTS offices, Cologne, Germany



Converting an old ship screw factory into modern loft offices: For the major LEITRADLOFTS project in Cologne, Uponor provided all dimensions of drinking water hygiene according to the needs of office buildings

Important influential factors for flawless drinking water quality are the prevention of long dwell times and unfavourable temperature ranges. These can be caused, for example, by irregular utilisation of the sanitary rooms within the building. This was precisely the challenge of the major project: finding one perfect hygienic solution for different office units. As a result, a Uponor loop installation ensures a perfect water flow. Heat interface units, where the water is heated up on demand, complete the Uponor Hygiene Logic.

Successfully tested: The Innova TWH test institute has also confirmed perfectly hygienic drinking water installation. Apart from a microbiological test for legionella bacteria, the water in the pipe system was also tested for temperature as well as sensory parameters such as coloration, clouding and odour. With top results across the board.

Project facts:

- **Address:** Leitradlofts, Lichtstraße 25, 50825 Köln
- **Building type:** office building
- **Gross floor area:** 12,000 m²
- **Floors:** 5
- **Rooms:** 52 individual offices from 95 to 2,400 m²
- **Project year:** 2015

Uponor contribution:

- Planning and design support with Uponor HSE software
- Drinking water loop installation with 12,000 m of Uni Pipe PLUS and RTM fittings
- Prefabricated tap water outlet Uponor Smart ISI module with waste water connection

Reference pictures



Uponor provided accurate planning in close co-operation with the general contractor



Loop installation for 52 individual offices



The MLC pipe Uponor Uni Pipe PLUS was used for the risers, loop installation and connection to the radiators



Special RTM fittings with integrated pressing function reduced installation time

More information

Uponor Corporation

Äyritie 20
01510 Vantaa
Finland

T +358 20 129 211
F +358 20 1292 841



www.uponor.com/hygiene