



CALPEX PUR-KING project Lostorf, Switzerland, 2024

BRUGG
Pipes
Pioneers in Infrastructure



Project

We installed our highest-quality PEX pipe system CALPEX PUR-KING in the Swiss municipality of Lostorf for our customer, the building technology association *suissetec*. Together with our partner, we installed a district heating network with the best thermal insulation, which now connects the existing local heating network with the new building.

Execution

The construction site took place at the *suissetec* Campus, the *suissetec* training centre, on Grundstrasse in Lostorf. We installed a total of four pipes for the new building. We installed two pipes each for the flow and return of the district heating network in the dimension DN 100 with an inner diameter of 110 mm and an outer diameter of 202 mm.

The coordination between logistics and assembly went smoothly and without any loss of working time, despite two drums. While the first drum was being delivered and unwound, the transport lorry drove back to Kleindöttingen to pick up the second load. Meanwhile, our fitters aligned the pipes in the trench and prepared the house connections. The second drum was then delivered, the pipes unloaded, aligned in the trench, connected to the existing pipes and insulated.

Product advantages

Thanks to advanced PUR foam technology and an innovative production process, our CALPEX PUR-KING enables energy savings of up to 15 % per year. As a self-compensating composite system, it retains its outstanding insulation performance even when aged in accordance with the EN 15632-2 standard. For the sixth time in a row, CALPEX PUR-KING has won the Danish Technological Institute (DTI) test with the lowest lambda value.

