



PREMANT-Project for Energie Ausserschwyz AG Altendorf/Pfäffikon SZ, Switzerland, 2023

BRUGG

Pipes

Pioneers in Infrastructure



Project

We installed an extensive district heating pipe between the villages of Altendorf and Pfäffikon SZ in the Löliwald area for our customer Energie Ausserschwyz AG.

Our monitorable and rigid PREMANT pipe system was installed to supply Pfäffikon SZ with heat from the wood-fired power plant in Galgenen.

Execution

A 1.8 km-long section was installed for the project. Our efficient PREMANT pipe with DN 200 D S3 was used for the main line to transport sustainable energy from the wood-fired power plant from one village to the next. To save time, the PREMANT lines were built from two sides. One team started in Pfäffikon and the other in Altendorf.

80% of the construction line was thermally pre-stressed to keep the disturbance to nature as minimal as possible. This meant that almost no expansion pieces needed to be installed.

This was the biggest challenge for the planning as well as the coordination of the construction project. Since both a supply and return line were needed, our technicians installed around 3.6 km of PREMANT pipe for this project.



Product advantages

The rigid PREMANT trunk line pipe adapts perfectly to the customer's requirements thanks to its customised special moulded parts.

Due to its design and material properties, this pipe system is ideal for transporting heating water over long distances. The integrated monitoring wires round out the product and ensure additional safety.

