



3,000 metres high on the Kitzsteinhorn, Austria

EIGERFLEX LONGLINE 2 x 390m

BRUGG

Pipes

Pioneers in Infrastructure



Project

Near the oldest glacier ski resort in Austria, a waste water pipeline had to be installed from the mountain station to the mid-valley station of the Kitzsteinhorn gondola lift and integrated into an already-existing pipeline from the mid-valley to the valley station.

Our high-quality EIGERFLEX LONGLINE pipes were used to provide the water with optimum protection against frost.

Execution

Two EIGERFLEX LONGLINE pipes from BRUGG Pipes, each 390 metres in length, were used at an altitude of up to 3,000 metres. This challenging installation work was done in close collaboration with our distribution partner KE KELIT as well as its customers.

The challenges the workers faced at this height were not limited to the technical execution of the project, but also included the logistical feat of transporting the materials and vehicles over narrow mountain roads to the place of use at an altitude of over 3,000 metres.

Since the trench was not located directly in the glacier area, but in the rocky rubble, it first had to be exposed by blasting and drilling.

The entire project depended heavily on the weather conditions, and it was essential to keep the trench clear of snow to ensure smooth technical installation. The construction work was done in two phases and lasted from June to October 2023.

Product advantages

The EIGERFLEX LONGLINE pipe has proven extremely reliable for transporting drinking water and waste water under extreme conditions. Thanks to the highly resistant heating cable, there are no limitations in performance over 1,000 metres in altitude. With the integrated heating technology, effortless installation is possible with maximum flexibility. The coordinated accessories round out the simple handling of the BRUGG Pipes product and ensures smooth operation – even for the most demanding tasks.