

EIGERFLEX project Kitzsteinhorn, AT 2015

Case Study



Location

Kitzsteinhorn, AT

Products

CPE 63/126	1250 m
CPE 125/182	1250 m

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Project

In the Pinzgau region in the state of Salzburg, two cable lifts (Glacier Jet 3 + 4) will open this winter on the Kitzsteinhorn at 3203 metres above sea level. Our EIGERFLEX pipe systems connect the intermediate station 200 metres below with a drinking water and sewage pipeline to supply the top station (3029 metres above sea level)

Challenge

A 1250-meter-long trench was dug in the rocky terrain to lay the EIGERFLEX pipe system. In order to not endanger operation during ski season, frost resistance must be ensured at any price in this rough climate.

We meet this requirement by applying single-phase fixed resistor heating tapes which enable heating circuit lengths of up to 1000 m. It was possible to implement the two pipe systems with only two power inputs each, much to the delight of those responsible for the project.

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