



# Extinguishing water pipes for fire protection

## Case study: Mainpost printing company in Würzburg, Germany

**As the printing company Mainpost in Würzburg, Germany expanded their printing capacity with two new printing halls, also the fire protection system had to be updated and expanded.**

On the Mainpost premises a 300 m<sup>3</sup> water tank was installed, and a feeder line for supplying the water tank had to be laid. The 200-meter feeder line has a DN 250 dimension and was laid under ground.



### Task

Due to the tight schedule, it was necessary to choose a pipe system that is quick and easy to lay and install. Therefore Alvenius FlowMax® pipes were selected, based on the recommendation by our German Trade Partner, HTI Gienger KG.

### Solution

Alvenius supplied 6 metres FlowMax® pipes, plus fittings and fitting pieces. Alvenius FlowMax® pipes are spirally welded and grooved for on-site connecting with Victaulic couplings. With plain-end fitting pieces, Straub couplings can be used.

This meant unbeatable quick and easy installation, and all that was needed was a socket wrench. No welding, no pull sleeve connections. And as the FlowMax® pipes are 40 % lighter than conventional pipes, handling and installation was easier and quicker – really “easy going”.

The Alvenius FlowMax® pipes are coated inside and outside with CorroFlo® and also have an additional outer coating with RocShield®. This impact and wear resistant coating permits laying the pipes directly in pipe trenches or in the soil.

### Customer benefits

- Quick installation
- Just-in-time delivery
- Easy handling
- Maximum corrosion protection
- Flexible connections



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