



## Drinking water pipe replacement

### Reference project: SEVAB

SEVAB had to replace a water pipe in Strängnäs. To minimise traffic disruption, it was important to use as short tranches as possible.

The chosen pipe system was Alvenius FlowMax<sup>®</sup>, a system developed for the water and wastewater systems of the future.





### The project

SEVAB had to replace an old drinking water pipe made from Eternit. The most important criteria when choosing the pipe system was to ensure as short tranches as possible to minimise traffic impact.

### The solution

Alvenius was selected to supply its quick coupled FlowMax® pipe system, in the sizes DN400 (406 mm) and DN150 (168 mm). The lightweight FlowMax® pipes and quick couplings enabled the old pipe system to be replaced in no time. No special tools, special training or welding were required. The work was completed by excavating trenches measuring only about 15 m in length at a time, with minimal impact on traffic.

### Customer Benefits

Thanks to the quick coupling system, no cutting or welding was required in the trenches. This resulted in an installation that was 10-15 times faster than if welding of conventional pipes had been used.

All pipes and fittings were coated with CorroFlo® and RocShield®, a coating that offers maximum corrosion protection and is certified in accordance with C5. In combination with the coating, the high-strength steel material ensures a high level of reliability and long durability.

Alvenius FlowMax® pipes are approved for drinking water use.

### Project Facts

- Dimension: 406mm and 168mm
- Application: Drinking water pipe
- Media: Drinking water



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