



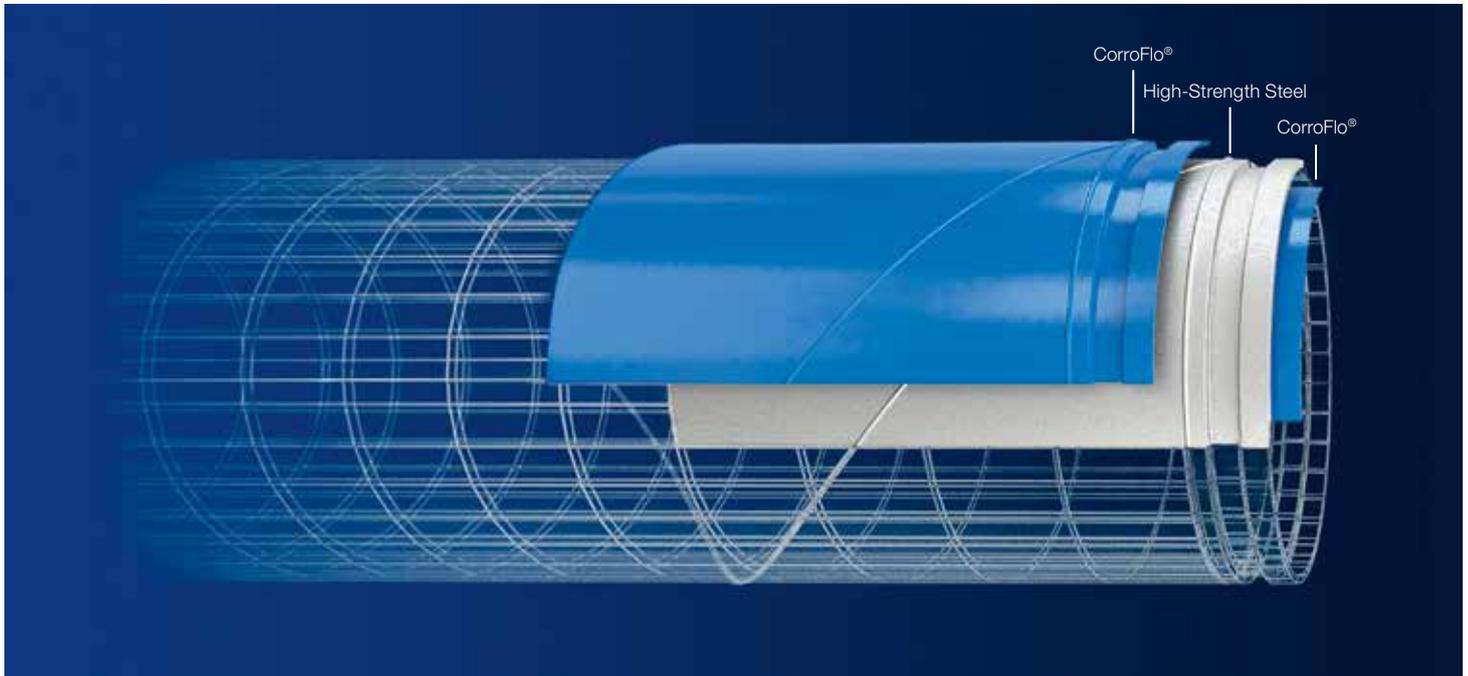
Fire Fighting Pipe System

Reference project: The Göta Tunnel, Gothenburg

Tunnel under Gothenburg

The Göta Tunnel is a tunnel in central Gothenburg stretching 1.6 km from Göta Älv Bridge to the district of Masthugget.

The Göta Tunnel has three lanes in each direction, running in two separate but interconnected tunnels. In 2018, Alvenius FlowMax[®] pipes were installed as an important part of the essential fire fighting system, as well as to ensure maximum safety in the tunnel.



Issues

Since the tunnel is used by all types of traffic, including vehicles with flammable loads, the Swedish Transport Administration decided to complement the tunnels with a fire protection system with a C5 rating.

The system was designed by Stockholm-based fire safety company Brandskyddslaget and is also used in the Norra Länken tunnel (in Stockholm).

Solution

Alvenius supplied more than 6,500 metres of FlowMax® pipes in the sizes Ø 161x2mm and Ø 60x1.8, as well as couplings and accessories. All pipes, couplings and pipe fittings are coated with CorroFlo® for maximum corrosion protection.

Moreover, the fast weekly deliveries enabled the installation times to be shortened considerably.

The combination of low weight, a broad product range and good availability has resulted in a long-term partnership between Alvenius and Bravida, as well as contracts for several other global projects.

Customer Benefits

Following extensive testing, the Alvenius FlowMax® fire fighting system was the only one on the market to meet the requirements for maximum corrosion resistance.

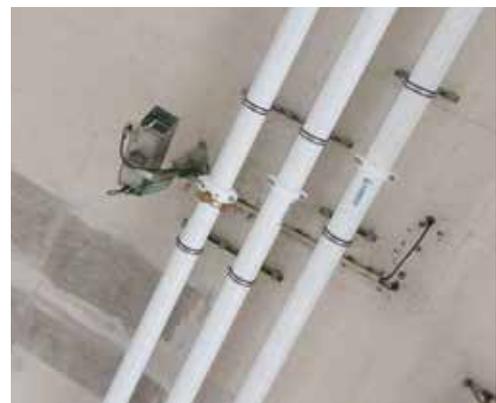
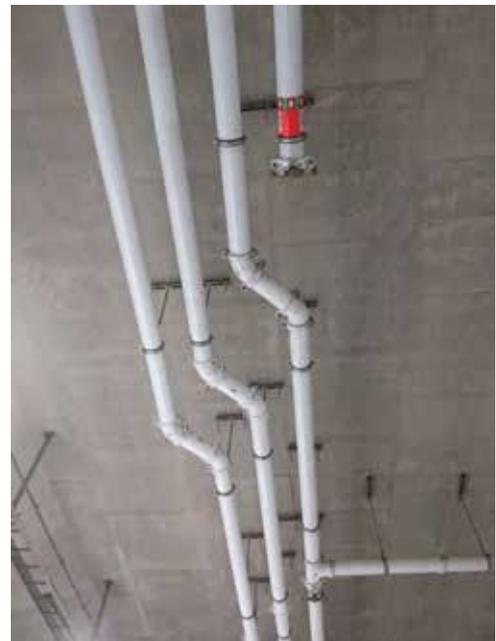
What's more, the FlowMax® fire fighting system was found to offer the right price/performance ratio. In addition, the pipes and fittings are exceptionally lightweight and easy to handle, enabling rapid installation.

Naturally, everything was delivered on time and as agreed.

Facts about the Göta Tunnel pipe system

Dimension: 60 mm, 161 mm

Media: Extinguishing water



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