



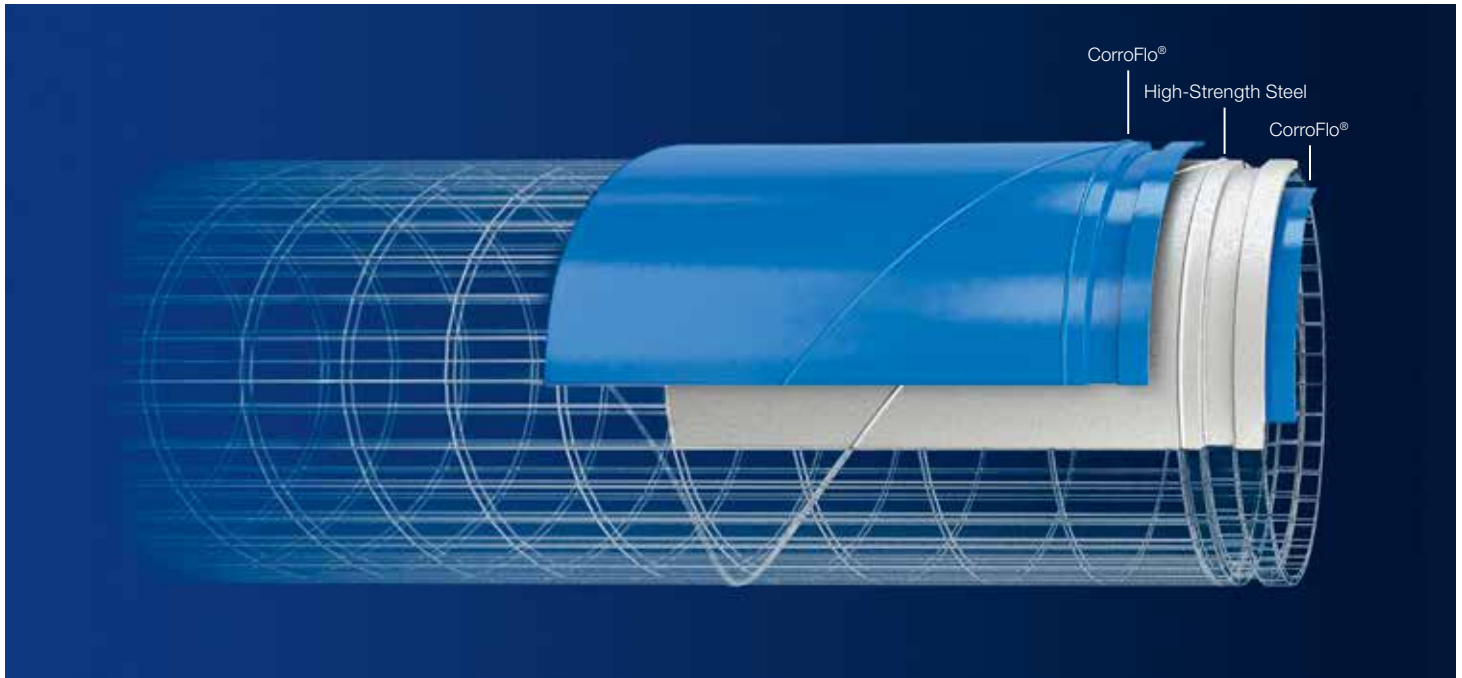
## Norra Länken, Stockholm

### Piping system for fire protection

#### **Tunnel under Stockholm**

Norra Länken (The Northern Link) runs between Tomtebodavägen and Värtan, connecting to Roslagsvägen at Frescati.

Norra Länken has been northern Europe's biggest road tunnel project, covering a total distance of 13 km, of which 9 km is rock tunnels and 4 km is concrete tunnels. All road tunnels are one-way.



### Task

Since the tunnel would be used by all types of road traffic, including vehicles carrying flammable loads, the Swedish Transport Administration decided that the tunnels should be fitted with a fire protection system that meets corrosivity classification C5.

The system was designed by Brandskyddslaget in Stockholm and, after a long test period, Alvenius' CorroFlo®-coated FlowMax® pipes were chosen for the task.

### Solution

Alvenius is supplying more than 19,000 metres of FlowMax® pipes in the dimensions Ø 219 x 3.6 mm, Ø 161 x 2 mm, Ø 107 x 2 mm and Ø 60 x 1.8 mm, plus pipe fittings and couplings.

All the pipes, couplings and pipe fittings are CorroFlo®-coated for maximum corrosion protection.

Speedy weekly deliveries are set to substantially reduce the installation times.

The combination of low weight, product breadth and availability has led to a collaboration over several years between Alvenius and the installation company (Bravida/C2M), not to mention contracts for various other global projects.

### Customer benefits

- Right price/performance
- Light and easy-to-handle pipes and components
- Maximum resistance to corrosion

### Facts: Norra Länken's piping system

Dimensions: 60 mm, 107 mm, 161 mm, 219 mm

Media: Fire extinguishing water



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