References

ProFuse pressure pipe line provides drinking water to cottage owners in islands near by Uusikaupunki



Uponor involvement

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14 km long ProFuse pressure water line was installed under the sea in Uusikaupunki 2009.

Project Facts:

Location
Uusikaupunki, Finland

Completion
2010

Vrsta objekta
Municipal

Product systems
Potable water

Project Type
New building

Partners

enduser
Uki-Kustavi saaristovesiosuuskunta

specifier
Cog-Design Oy

installer
Kustavin Asentajat Ky &
kaivinkoneurakoitsija Vestiö Oy

Uusikaupunki is known its car manufactory but also its islands. Numerous islands have lots of cottages which inquires some municipal engineering. Earlier drinking water was brought to the islands in canisters when the cottage owners arrived. Nowadays there are water cooperative called Uki-Kustavi that provides water line pipe to the islands' cottages.

Uki-Kustavi is a water utility company cooperative that was established in 2006. The main project for the cooperative in 2009 was to install a pressure water pipe line from Suukari to Humalkari. The main line is 14 km long and together with all the 170 branches, the length of the pressure water line in total is 66 km.

The most interesting part of the project is that the pressure pipe line is installed into the sea, and even to the bottom of the sea. When working at the sea, the weather is always the key question. It can delay the installation radically.

Kustavin Asentajat Ky won the installation contract. The excavator contractor of the project was Vestiö Oy. The water pressure pipe used in installation was Uponor's ProFuse pressure pipe for drinking water. The diameter of the pipe is ø 110 mm.

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