



Lohjan Vesitorni



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ABOUT THIS PROJECT:

Market Segment:
Water Holding
Structure

Owner/Developer:
City of Lohja

Products Used:
Xypex Admix

Location:
Lohja, Finland

The Lohja water tower required a durable waterproofing system to ensure safe storage of potable water without leakage. The engineering task was to provide watertight protection for the large-capacity structure while maintaining compliance with drinking water standards.

Xypex crystalline waterproofing admixtures were incorporated into the concrete to block both infiltration and exfiltration. This integral solution transformed the concrete into a permanently waterproof material, providing long-term resilience and eliminating the need for surface membranes. As a result, the tower achieved watertight integrity and compliance with potable water standards, ensuring safe and reliable service for the community.

