



Komunardů XXXV



ABOUT THIS PROJECT:

Market Segment: General Construction	Owner: SEBRE a.s.	Products Used: Admix C-1000 NF
Location: Prague, Czech Republic	Contractor: Hinton, a.s.	Applicator: Nekap
Concrete Supplier: Zapa Beton, member of Buzzi Unicem group		

PROBLEM

Komunardů XXXV (K35) is an emblematic building in the Holešovice district of Prague, Czech Republic, close to the Vltava River with three-stories of below-grade parking. The building has a commercial space on the ground floor, office spaces on the next two floors and apartments on the top two floors.

SEBRE a.s., the developer of this project, trusted Xypex's concrete waterproofing technology to permanently waterproof the three-story below-grade concrete. This successful project was made possible by the support provided by Xypex's official representative, Nekap, during the pre-project and project execution phases.

THE XYPEX SOLUTION

Xypex Admix C-1000NF was delivered to the ready-mix plant and incorporated into the concrete for slab-on-grade and below-grade perimeter walls. Xypex Admixtures react in the presence of moisture in the concrete, creating a non-soluble crystalline barrier that permanently waterproofs the concrete elements.

The resulting waterproof and low-permeability concrete protects the reinforcement steel and extends the structure's service life by significantly reducing the rate of chloride ingress from de-icing salts.



PROJECT BIO



With its unique crystalline technology, Xypex offers unparalleled durability and protection against water infiltration, simplifying the construction process, and resulting in significant time and financial savings.



Nekap provided a full-service solution for concrete waterproofing including detailed technical specifications, drawings, and other pertinent details to DELTAPLAN spol–s.r.o, the engineering company.

This ensured a comprehensive understanding of the project requirements prior to construction. Additionally, Nekap provided on-site support, with a supervisor overseeing joint installation and concrete pours, conducting daily site visits to ensure that once completed, the project has no unresolved issues related to waterproofing.

Concrete samples were collected and tested, with reports provided to the contractor and investor to ensure complete transparency and quality control.