



Ranta Barrandov



2019

ABOUT THIS PROJECT:

Market Segment:
General Construction

Owner:
YIT STAVO SRO.

Products Used:
Admix C-1000 NF

Architects:
C.A.I.S.architekti s.r.o

General Contractor:
BAK Construction Corp

Location:
Wassermannova, Prague,
Czech Republic

Concrete Producer:
Skanska Transbeton

DESCRIPTION

Ranta Barrandov in Prague, Czech Republic, is a residential development that was built in two phases.

The 250-unit developments includes numerous below-grade areas, including cellar storage spaces and parking garages, that required a cost-effective and durable waterproofing solution.



THE XYPEX SOLUTION

The project team used Xypex Admix to permanently waterproof the structure. Xypex crystalline waterproofing admixtures are designed to be added directly into the concrete mix at the time of batching without negatively impacting the concrete.

Xypex crystalline admixture is a unique chemical treatment for the waterproofing, protection and improvement of concrete. Xypex Admix consists of Portland cement and various active, proprietary chemicals.

These active chemicals react with the moisture in fresh concrete and the byproducts of cement hydration to cause a catalytic reaction.



This reaction generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete that permanently seals the concrete and prevents the penetration of water and other liquids from any direction.

The Xypex approach offered multiple advantages, including cost and time savings and simplified project execution. The Xypex Admix ease of use and effectiveness played a big role in the accelerating construction schedules while ensuring the durability and protection of the concrete at the Ranta Barrandov residential complex.

Xypex has an extensive track record in the waterproofing and protection of building foundations. To learn more, [click here](#).

