PROJECT SHEET

Google Campus

2025

ABOUT THIS PROJECT:

Market Segment:
General Construction

Owner/Developer:
Google

Products Used:
Xypex Admix C-1000NF
Xypex Concentrate
Xypex Patch'n Plug

Location:
Arnulfstraße, Munich, Germany

General Contractor:
ARGE Zechbau / Wayss & Freytag München

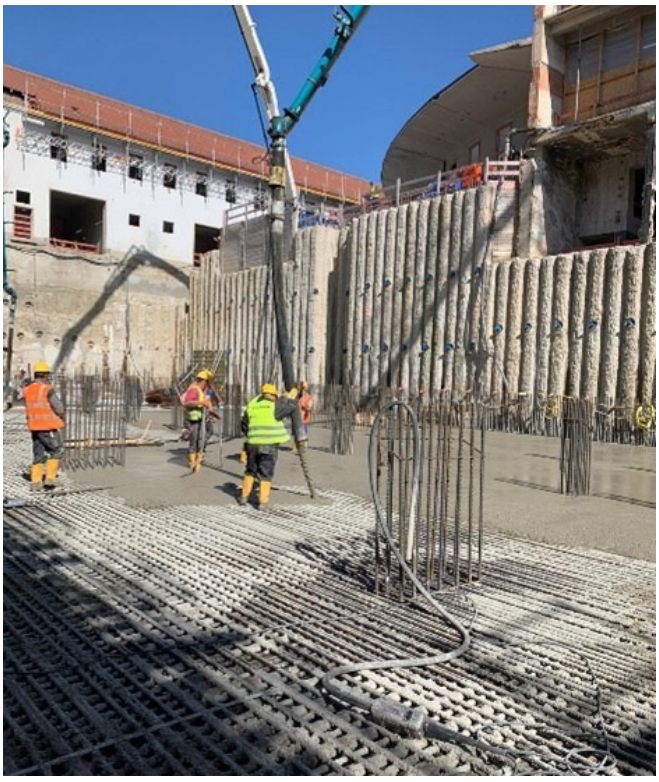
Engineer:
Ingenieurbüro Aster

The redevelopment of the historic Arnulfpost site into the Google Campus Germany required a comprehensive waterproofing strategy for a large-scale, water-impermeable underground structure, including a new parking garage and rehabilitation of protected historic buildings. The project encountered significant groundwater pressure, leaking bored pile joints, and prior waterproofing systems that had not performed under hydrostatic conditions.

To address these conditions, a phased crystalline waterproofing approach was implemented. XYPEX PATCH 'N PLUG and CONCENTRATE dry pack systems were applied for active leak repair and bored pile joint remediation under high water pressure.

XYPEX ADMIX C-1000 NF was incorporated directly into over 5,000 m^3 of structural concrete to provide integral waterproofing.

Subsequent crack and joint repair treatments were carried out where required, and more than 3,000 m^2 of textile-reinforced concrete incorporating crystalline technology was installed to rehabilitate and waterproof the historic basement structures.



As a result, the project achieved reliable long-term performance against hydrostatic pressures of up to 15 meters, where conventional membrane and injection systems had previously failed.

PROJECT SHEET

The crystalline technology provided permanent, maintenance-free waterproofing and enhanced durability across both new and heritage structures, supporting long-term asset protection for this landmark development.