



Capital Business Park



ABOUT THIS PROJECT:

Market Segment:
General Construction

Contractor:
CRC

Products Used:
Xypex Concentrate

Location:
Cairo, Egypt

Engineer:
Hassan Shahtout and the
Beton technical office

DESCRIPTION

The newly constructed Capital Business Park in Cairo, Egypt, is the city's first exclusive professional business hub.

For its waterproofing needs, Xypex Concentrate was used to enhance durability and efficacy. Elkhatib & Allami led the project supervision, with engineer Hassan Shahtout from the Beton technical office providing consultation.

The waterproofing scope spanned 10,000 square meters, to enable landscaping on top of the parking garage and three water tanks.



THE XYPEX SOLUTION

Xypex Concentrate consists of Portland cement, finely graded sand and active proprietary chemicals. It is applied as a cementitious slurry to the pre-saturated surface of existing above and below-grade structures.

The active chemicals diffuse into the substrate and react with moisture to cause a catalytic reaction.



This reaction generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete, as well as cracks, permanently sealing the concrete and preventing the penetration of water and other liquids from any direction, even under high hydrostatic pressure.

