PROJECT SHEET

Veranda Compound, Solik

2024

ABOUT THIS PROJECT:

Market Segments:
General Construction

Location:
Smouha, Egypt

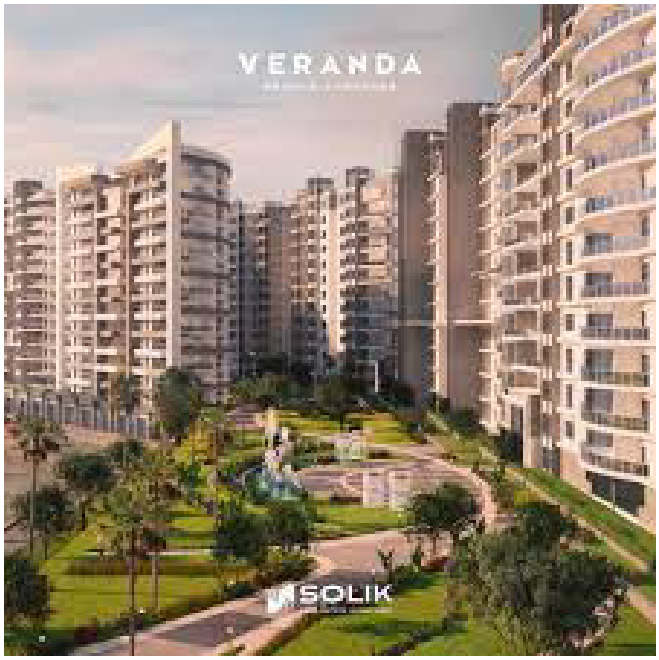
Contractors:
ALbatanony for engineering & contracting

Owner:
Armed Forces Engineering Authority

Products Used:
Xypex Admix C-1000 NF
Xypex Concentrate

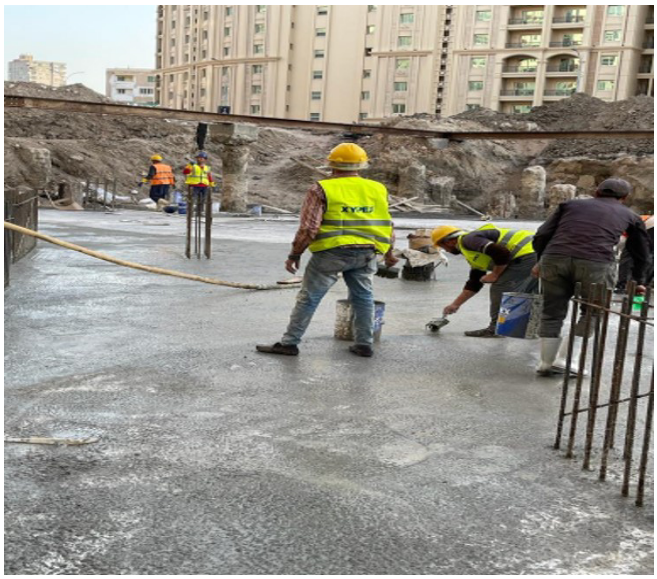
Consultant:
Beton for Consulting & Construction Chemicals, led by Eng. Amr Saad

The Veranda Compound project, located in Smouha, Alexandria, Egypt was completed in 2023 under the ownership of the Armed Forces Engineering Authority, the project aimed to provide high-quality residential units within a modern living environment. As the main contractor, Solik for Real Estate Development oversaw the execution of the project, ensuring adherence to stringent engineering standards and construction protocols.



Foundation waterproofing played a critical role in the project's success, with Beton for Consulting & Construction Chemicals providing the specifications for this aspect. ALBatanony for Engineering & Contracting was tasked with waterproofing contractor duties and concrete supervision, ensuring the effective implementation of waterproofing systems throughout the construction process.

Two distinct waterproofing systems were used for the foundation of the Veranda Compound. The first system involved the addition of Xypex Admix C-1000 NF to the retaining walls and a 25 cm concrete layer atop a 1.20-meter raft slab. The second system used Xypex Concentrate applied to the raft slab, complemented by the addition of Xypex Admix C-1000 NF to the retaining walls.



Xypex Admix C-1000 NF and Xypex Concentrate were chosen for their advanced waterproofing capabilities and ability to enhance the durability and longevity of concrete structures. These innovative materials played a crucial role in ensuring the integrity and resilience of the foundation of the Veranda Compound, providing engineers with confidence in the project's long-term performance and sustainability.

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The successful completion of the Veranda Compound project underscores the importance of meticulous planning, collaboration, and the integration of advanced engineering solutions. Through the strategic use of Xypex materials and rigorous waterproofing systems, the project team has delivered a resilient infrastructure that meets the rigorous demands of modern engineering standards.