



Alexandria Water Company Water Treatment



ABOUT THIS PROJECT:		
Market Segments: Water Treatment	Consultant: Prof. Dr. Ashraf Ragab	Products Used: Xypex Concentrate Xypex Admix C-1000 NF
Location: Alexandria, Egypt	Owner: Alexandria Water Company	

The Alexandria Water Company in Egypt undertook a project to waterproof their concrete water stations. Starting in 2017, the project's objective was to ensure permanent waterproofing, increased concrete durability, and protection against chlorine. It involved the collaboration of eight contractors under the supervision of the Alexandria Water Company.



To ensure the success of the project, Prof. Dr. Ashraf Ragab was enlisted as a consultant. Protection against chlorine, a chemical used in the treatment of drinking water, was an essential consideration to maintain the integrity of the facilities. By waterproofing with Xypex crystalline products, the company enhanced the reliability and performance of the water stations, ensuring the continued delivery of clean and safe water to the region.



Xypex sets itself apart with its Crystalline Technology, offering a revolutionary approach to concrete waterproofing. Unlike traditional methods that can fail over time, Xypex becomes a permanent part of the concrete, capable of self-healing cracks up to 0.5 mm and reactivating in wet conditions for lasting durability. Its flexible application, from either side of concrete surfaces, eliminates the limitations of preformed membranes and cuts down on costs by obviating the need for additional protective layers. Moreover, Xypex's resistance to chemical damage and deterioration makes it a more efficient, durable, and cost-effective solution for waterproofing than conventional options.

