



The Agricultural Bank of Sudan Headquarters Basement

ABOUT THIS PROJECT:

Market Segments:
General Construction Foundations

Owners:
The Agricultural Bank of Sudan

Location:
Khartoum, Sudan

Products Used:
Xypex Concentrate



The headquarters of the Agricultural Bank of Sudan, located near the Nile River in Khartoum, Sudan, faced a significant problem with continuous groundwater seepage into its basement.

The application of Xypex to the basement of the Agricultural Bank of Sudan's headquarters showcases the effectiveness of Xypex products in overcoming challenges posed by high-pressure groundwater, like that from the nearby Nile River. Xypex Concentrate provides a permanent waterproofing solution, safeguarding the structural integrity of the tower and ensuring long-term protection against water-related issues.



To address this water ingress, the project engineers implemented a robust waterproofing solution with long-term durability, by using Xypex Concentrate. This solution utilizes the unique Xypex Crystalline Technology, which can be applied to both the positive and negative sides of concrete structures. The active ingredients of Xypex Concentrate penetrate into the concrete, forming a non-soluble crystalline structure that effectively seals micro-cracks and capillaries, halting the flow of water. This inert crystalline structure provides long-lasting protection even against high water pressure. With the Xypex active ingredients in the concrete, the concrete will continue to generate new crystals in the presence of moisture to ensure the concrete stays waterproof.