



Covenant University

2018

ABOUT THIS PROJECT:

Market Segments:
General Construction

Contractor:
Lymex Ltd

Products Used:
Xypex Admix
Xypex Concentrate
Xypex Modified

Location:
Lagos, Nigeria

In 2018, Covenant University in Lagos, Nigeria, undertook a significant waterproofing and concrete protection project involving two mathematics halls and a hall of residence. The project utilized Xypex Admix, Xypex Concentrate, and Xypex Modified to ensure the highest level of durability and integrity in the treated areas.

The application of Xypex Admix, a unique crystalline technology, provided the concrete with the ability to self-heal, forming a non-soluble crystalline structure within the interconnected pores of the concrete and becomes a permanent part of the concrete matrix, providing unmatched protection from within the concrete structure. Xypex Concentrate was applied to surfaces to create a permanent, integral waterproofing solution, while Xypex Modified offered an additional protection, enhancing the structural integrity and environmental resistance of the concrete.

This project also showcased Xypex's advantages in enhancing the durability and self-healing capabilities of concrete, ensuring long-term protection against water infiltration and chemical attack. Lymex, the contractor for the project, successfully implemented these advanced solutions, contributing to the overall robustness and sustainability of Covenant University's facilities.



The use of these Xypex products minimized downtime during construction, lowered material costs, and extended the service life of the structures.