

CASE STUDY

Access Bank Head Office

Victoria Island, Lagos

BACKGROUND

Access Bank Plc is a corporate commercial bank with operations across major commercial centres in Nigeria, Sub Saharan Africa and the United Kingdom. The Bank is currently one of the largest banks in Nigeria. Total assets: NGN 1.84 trillion (as of December 31, 2015).

Due to lack of space, the main diesel supply tank for the emergency backup generator was designed to be put into the ground. The diesel tank is made of steel and must be guarded against corrosion in the salty ground water of the area.

SOLUTION

Kryton's KIM being known for its permanent waterproofing ability was opted for. The concrete diesel tank encasement was dosed with KIM to make it watertight and also guard against corrosion of structural steel from the salt contaminated ground water.



Building prior to waterproofing with Kryton's Krystol Internal Membrane (KIM)

OWNER:

Access Bank

ARCHITECT & ENGINEER:

Du-Franc & Partners Limited
Morgan Omonitan & Abe Limited

CONTRACTOR:

Horatio Limited

DISTRIBUTOR/ APPLICATOR

Concrete Logistics Limited

PRODUCTS & TECHNICAL SPECIFICATION:

Krystol KIM

Due to lack of space, the main diesel supply tank for the emergency backup generator was designed to be put into the ground. The diesel tank is made of steel and must be guarded against corrosion in the salty ground water of the area.

Upon visual inspection of the underground diesel tank encasement, it was realized that water leaks through the joints between the walls and floor slab and also around the sump pits. There are also possible leakages around the saddles for the steel tank